

# Carson City



Population (2008)	57,600
Land Area (square miles)	141.35
Persons per square mile	407.5

## Race/Ethnicity

• White	77%
• Black	.69%
• American Indian & Alaskan Native	2.3%
• Asian	2.3%
• Hispanic or Latino origin	17.3%

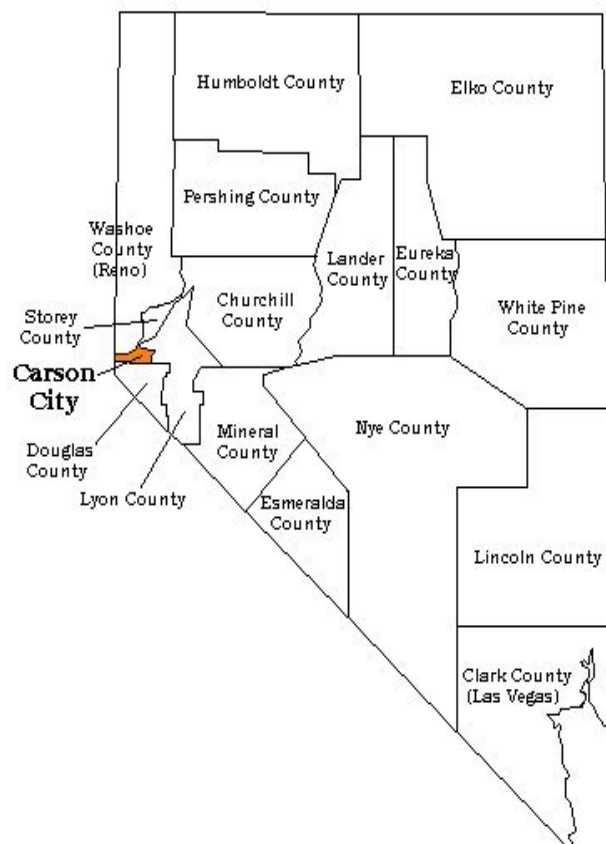
Median Household Income \$50,884

Persons Below Poverty 12.9%

Population and race/ethnicity data are from the Nevada State Demographer; Income and poverty data are from the U.S. Census Bureau

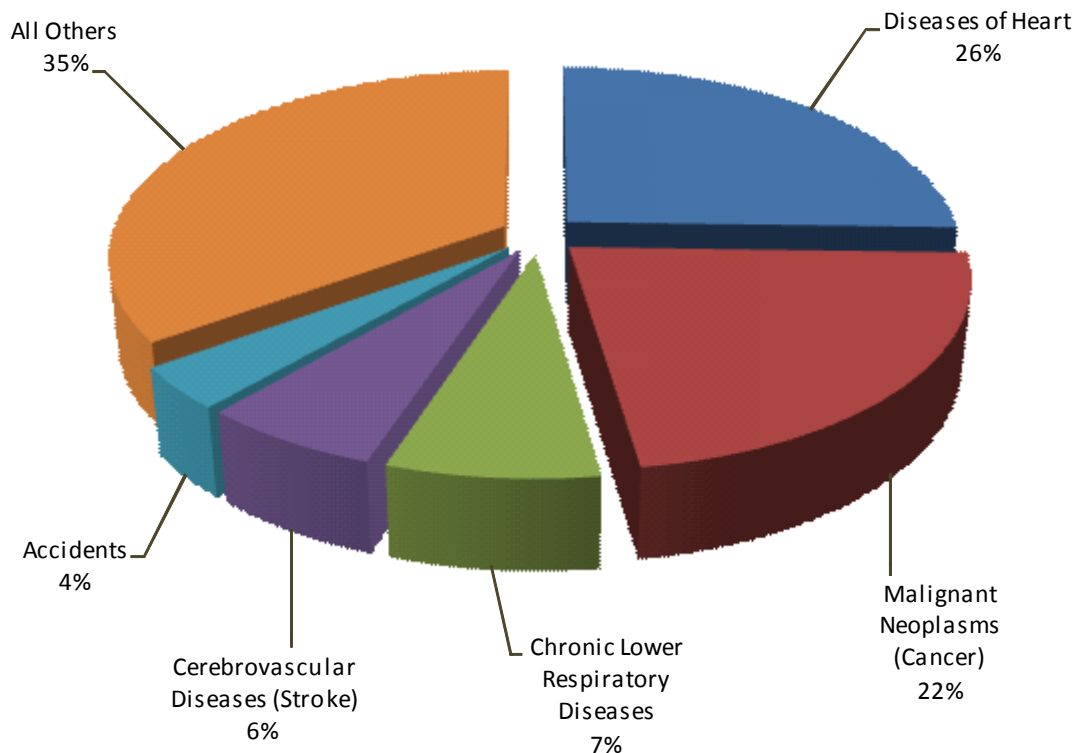
## Healthy People Highlights:

- Carson City's diabetes mortality rate has markedly declined since the year 2005.
- Since 2007, the Carson City rate for adolescent pregnancy among females, aged 15 to 17 years, has been lower than the Healthy People 2010 target.
- Since 2006, Carson City has had a coronary heart disease mortality rate which is lower than the Healthy People 2010 target.
- The percentage of people always using safety belts has risen for the state, but declined for Carson City since the year 2006. Please remember to buckle-up!



# Leading Causes of Death

## Carson City



### 2000 - 2008 Pooled Data

The list of Carson City's top five leading causes of death is led by heart disease (25%), closely followed by malignant neoplasms—cancer (22%). Chronic lower respiratory diseases (7%), cerebrovascular diseases (6%), and accidents (4%) round out the list. All other causes of death account for the remaining 36% of Carson City's mortality.

Similarly, the leading cause of death for Nevada is heart disease (26%), followed by malignant neoplasms—cancer (23%), chronic lower respiratory diseases (6%), accidents (5%), and cerebrovascular diseases (5%).

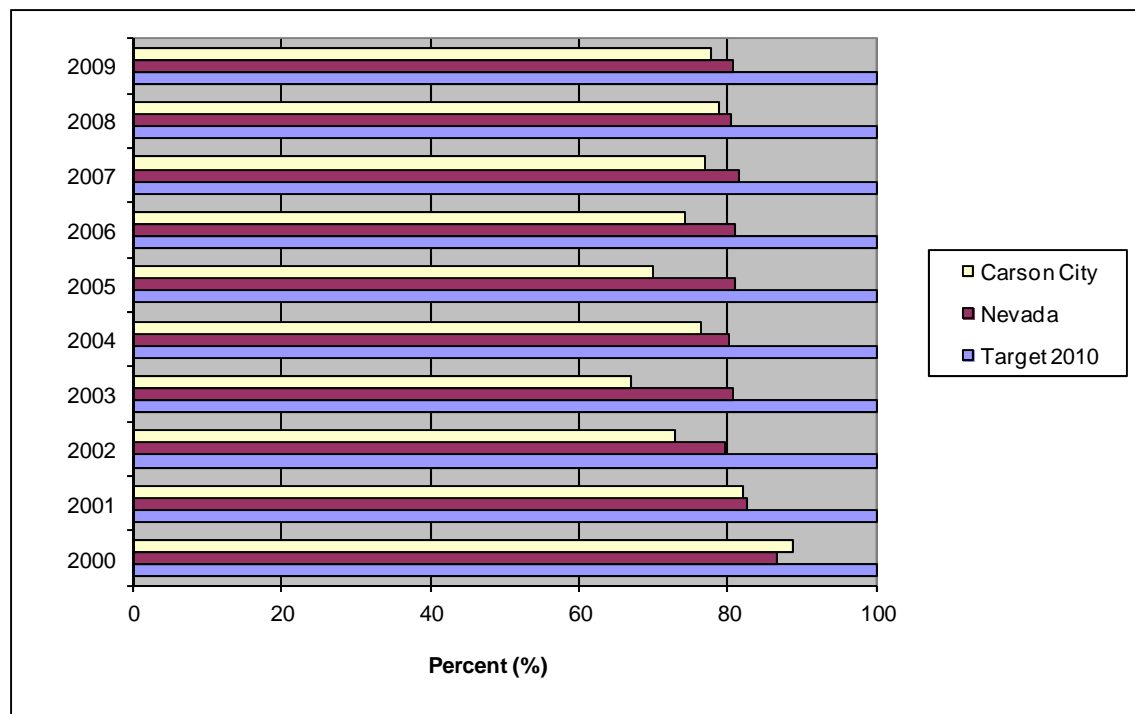
\*The data are from Nevada Vital Statistics Records.  
Note: 2007 and 2008 data are not final and are subject to change.

# Access to Quality Health Services

**Healthy People 2010 Objective (1-1):** Increase the proportion of persons with health insurance.

**Healthy People 2020 Objective AHS HP2020-1:** Increase the proportion of persons with health insurance.

**Proportion of Persons with Health Insurance, Carson City and Nevada, BRFSS Data, 2000 - 2009.\***



Neither Carson City, nor Nevada reached the Healthy People 2010 target of 100 percent for the percentage of persons with health insurance. The percentage for Carson City has fluctuated from 2000-2009.

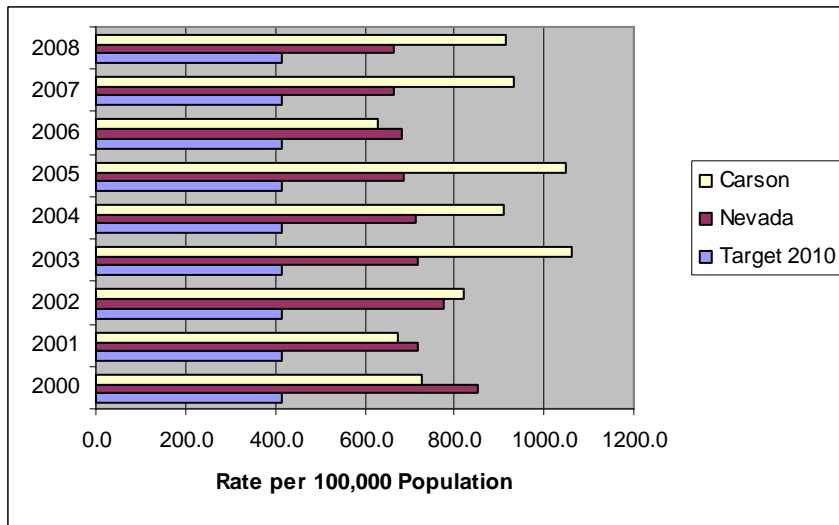
\*These percentages are weighted to survey population characteristics. Not all counties were included in the survey results.

# Arthritis, Osteoporosis, and Chronic Back Conditions

**Healthy People 2010 Objective (15-28):** Reduce hip fractures among females and males aged 65 and older.

**Healthy People 2020 Objective AOCBC HP2020-11:** Reduce hip fractures among older adults.

**Hospitalization Rate for Hip Fractures Among Females Aged 65 Years and Older, Carson City and Nevada, 2000 - 2008.\***



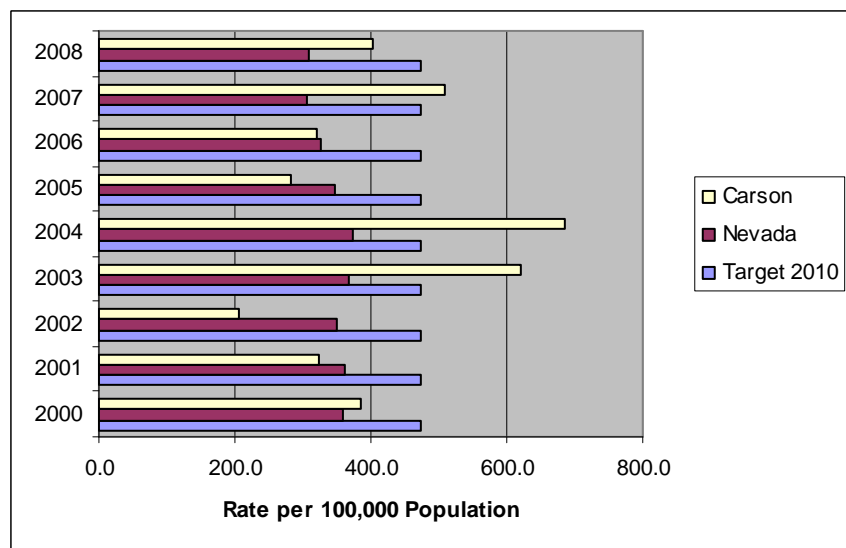
Carson City's hospitalization rate for hip fractures among females, aged 65 years and older, has consistently been higher than the state's rate from 2000—2008.

Neither the state nor Carson City met the Healthy People 2010 target rate of 416 per 100,000 population.

**Hospitalization Rate for Hip Fractures Among Males Aged 65 Years and Older, Carson City and Nevada, 2000 - 2008.\***

The hospitalization rate for hip fractures among males, aged 65 years and over, fluctuated in Carson City from 2000-2008.

Six out of nine years during the study, Carson City met the Healthy People 2010 target of 474 per 100,000 population.



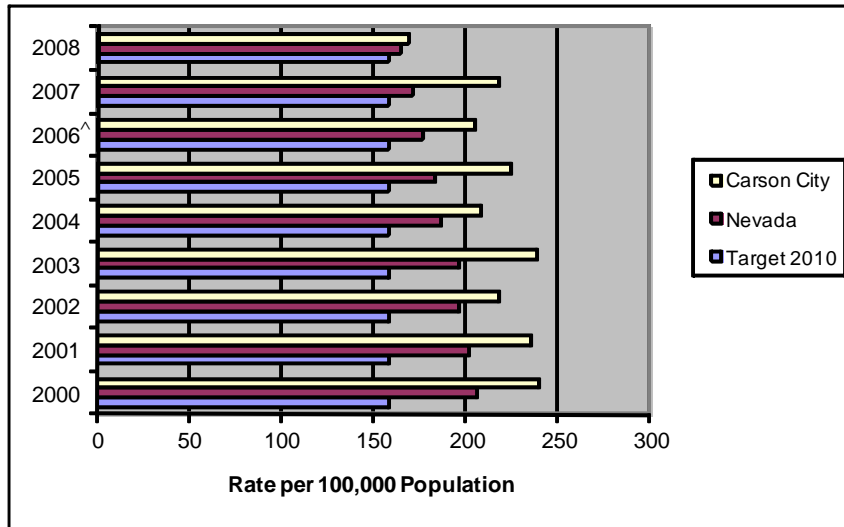
\*The Nevada data are from Nevada Inpatient Hospital Discharge (NIHDD).

# Cancer

**Healthy People 2010 Objective (3-1):** Reduce the overall cancer death rate.

**Healthy People 2020 Objective C HP2020-1:** Reduce the overall cancer death rate.

**Age-Adjusted Overall Cancer Death Rate, Carson City and Nevada, 2000 - 2008.\***



The cancer mortality rate declined for Nevada and Carson City from 2000-2008.

The Healthy People 2010 target has not been met. Both the state and Carson City approached the Healthy People 2010 target rate of 158.6 per 100,000 population in 2008.

<sup>^</sup> No rate was reported for Carson City in 2006 due to small counts.

**Healthy People 2010 Objective (3-2):** Reduce the lung cancer death rate.

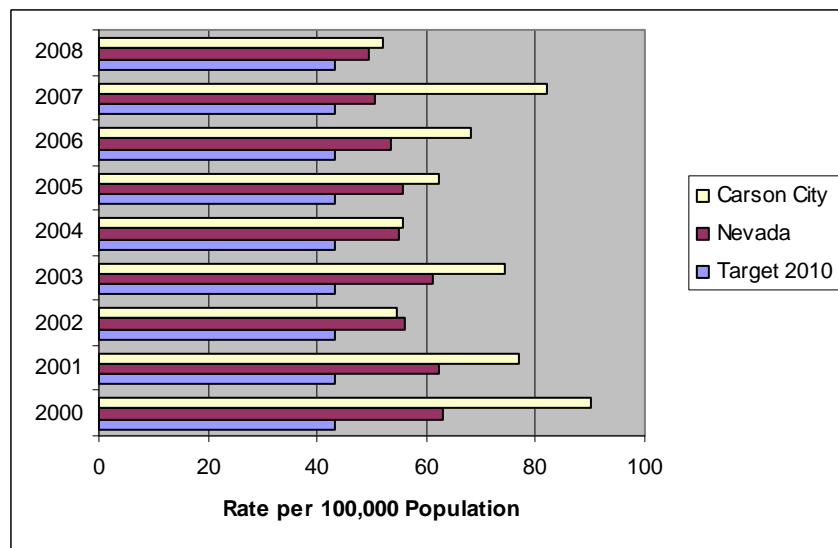
**Healthy People 2020 Objective C HP2020-2:** Reduce the lung cancer death rate.

**Age-Adjusted Lung Cancer Death Rate, Carson City and Nevada, 2000 - 2008.\***

The lung cancer mortality rate fluctuated for Carson City and Nevada from 2000-2008.

However, for the years 2005-2008, the state rate declined.

The Healthy People 2010 target rate of 43.3 per 100,000 was not met.

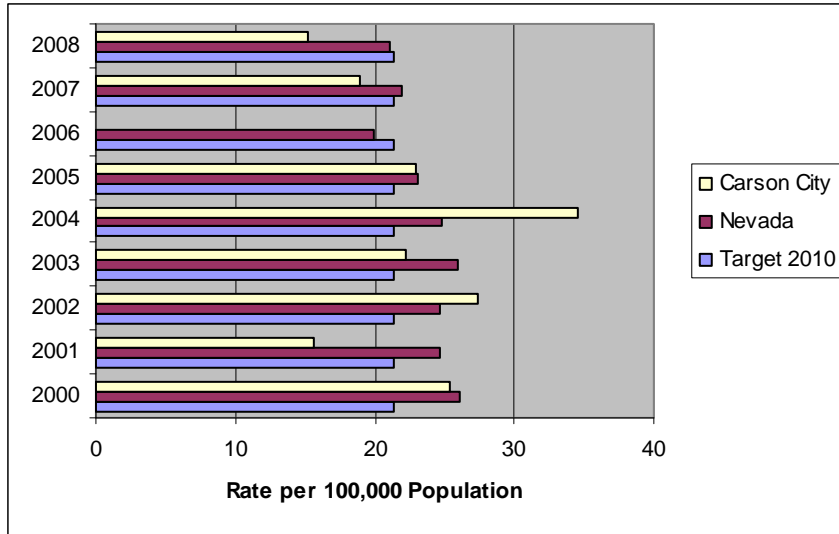


\*These rates are age-adjusted to the 2000 U.S. standard population. The Nevada data are from Nevada Vital Statistics Records. Note: 2007 and 2008 data are not final and are subject to change.

**Healthy People 2010 Objective (3-3):** Reduce the breast cancer death rate.

**Healthy People 2020 Objective C HP2020-3:** Reduce the female breast cancer death rate.

**Age-Adjusted Female Breast Cancer Death Rate, Carson City and Nevada, 2000 - 2008.\***



The rate of female breast cancer mortality fluctuated during the years 2000—2008 for both Nevada and Carson City. However, both rates were lower in 2008 than at the beginning of the study in 2000.

The state met the Healthy People 2010 target rate of 21.3 per 100,000 population in 2006. Carson City met the goal in 2001, 2007, and 2008.

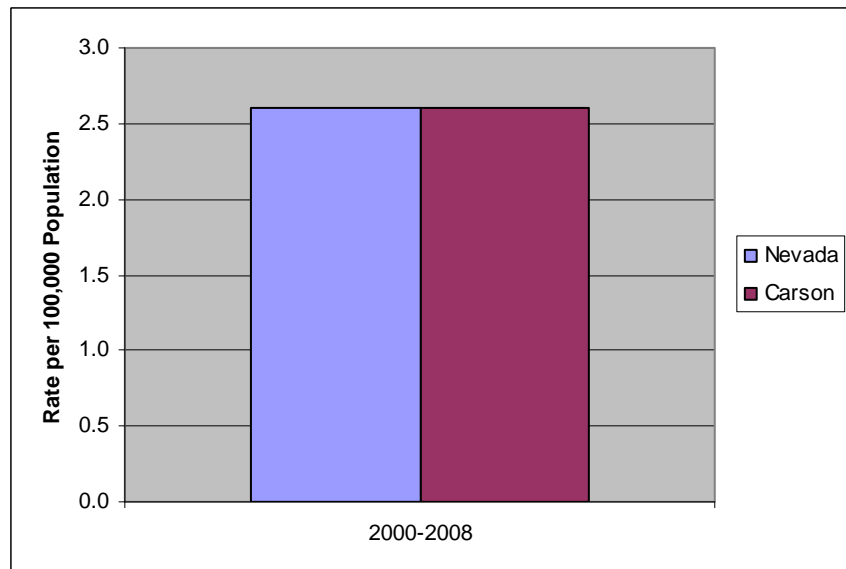
**Healthy People 2010 Objective (3-4):** Reduce deaths from cancer of the uterine cervix.

**Healthy People 2020 Objective C HP2020-4:** Reduce deaths from cancer of the uterine cervix.

**Aggregated Age-Adjusted Uterine Cervix Cancer Death Rate, Carson City and Nevada, 2000 - 2008.\***

From 2000 to 2008, Nevada and Carson City have reported a similar rate of uterine cervix cancer mortality.

The Healthy People 2010 target rate of 2.0 per 100,000 population was not met.

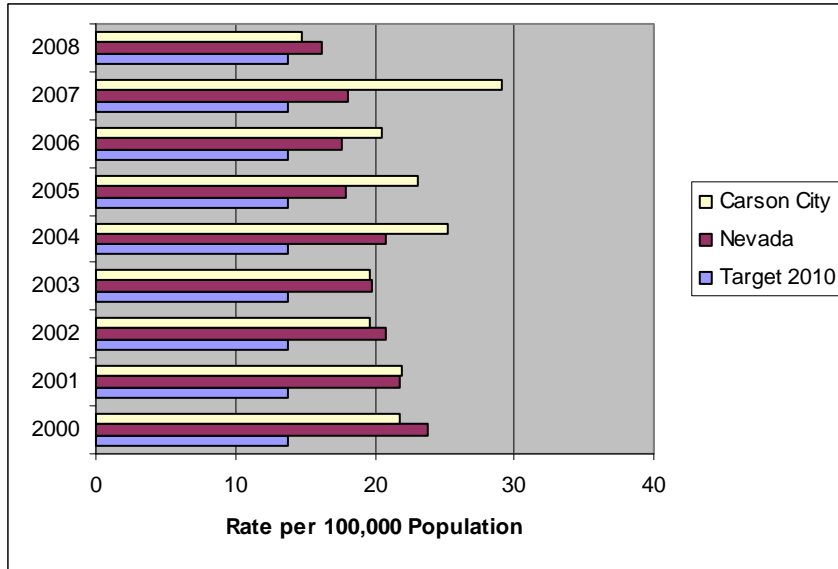


\*These rates are age-adjusted to the 2000 U.S. standard population. The Nevada data are from Nevada Vital Statistics Records. Note: 2007 and 2008 data are not final and are subject to change.

**Healthy People 2010 Objective (3-5):** Reduce the colorectal cancer death rate.

**Healthy People 2020 Objective C HP2020-5:** Reduce the colorectal cancer death rate.

**Age-Adjusted Colorectal Cancer Death Rate, Carson City and Nevada, 2000 - 2008.\***



The colorectal cancer mortality rate fluctuated for Carson City and declined for Nevada from 2000-2008.

The Healthy People 2010 target rate of 13.7 per 100,000 has not been met.

**Healthy People 2010 Objective (3-6):** Reduce the oropharyngeal cancer death rate.

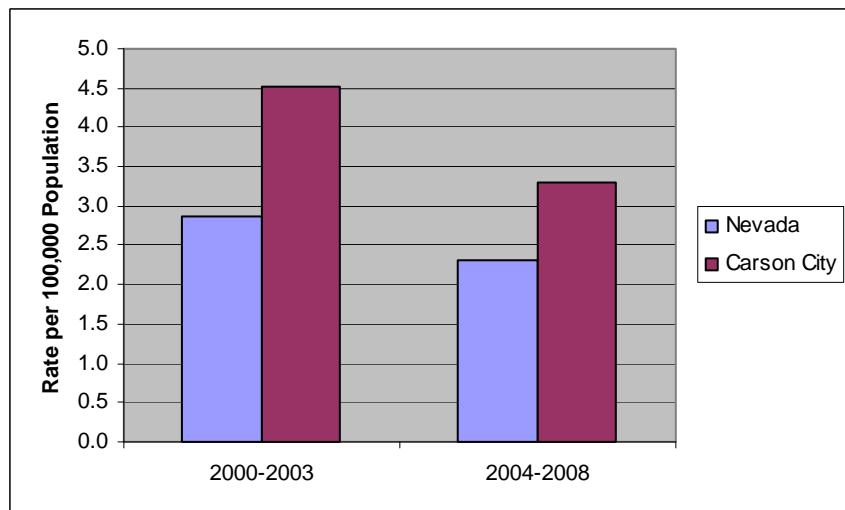
**Healthy People 2020 Objective C HP2020-6:** Reduce the oropharyngeal cancer death rate.

**Aggregated Age-Adjusted Oropharyngeal Cancer Death Rate, Carson City and Nevada, 2000 - 2003 and 2004 - 2008.\***

The oropharyngeal cancer mortality rate declined for both Carson City and the state.

On aggregate Carson City had a higher mortality rate than the state from 2000-2008.

Nevada reached the Healthy People 2010 target rate of 2.4 per 100,000 population in 2004-2008.

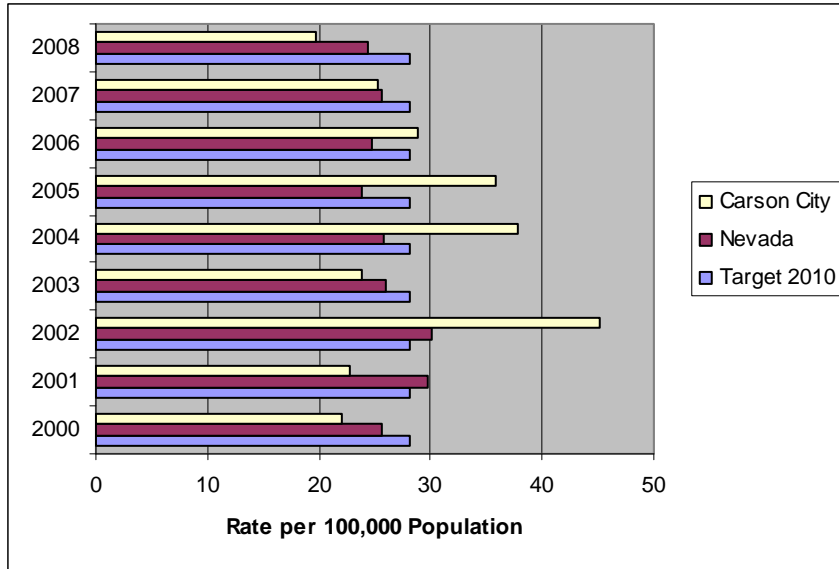


\*These rates are age-adjusted to the 2000 U.S. standard population. The Nevada data are from Nevada Vital Statistics Records. Note: 2007 and 2008 data are not final and are subject to change.

**Healthy People 2010 Objective (3-7):** Reduce the prostate cancer death rate.

**Healthy People 2020 Objective C HP2020-7:** Reduce the prostate cancer death rate.

**Age-Adjusted Prostate Cancer Death Rate, Carson City and Nevada, 2000 - 2008.\***



The prostate cancer mortality rate for Carson City fluctuated while the state rate remained relatively constant from 2000-2008.

For the final two study years, both the state and Carson City met the Healthy People 2010 objective rate of 28.2 per 100,000 population.

**Healthy People 2010 Objective (3-8):** Reduce the rate of melanoma cancer.

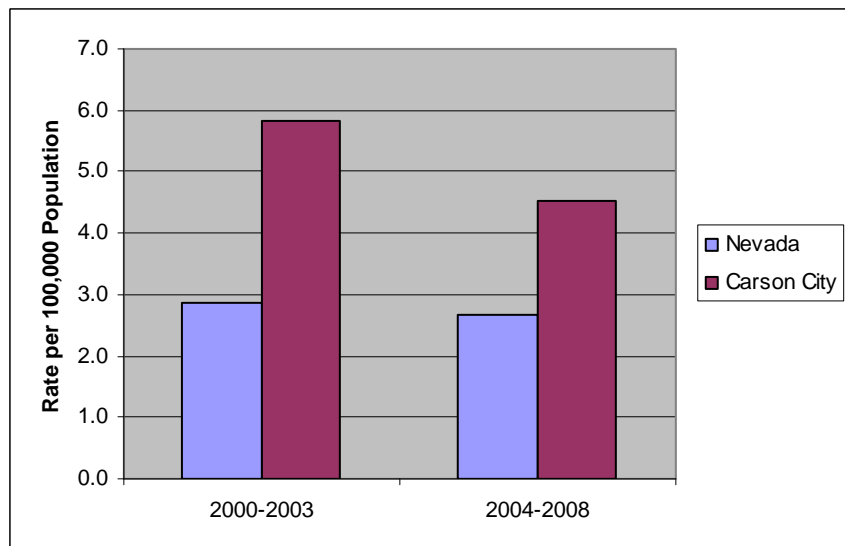
**Healthy People 2020 Objective C HP2020-8:** Reduce the melanoma cancer death rate.

**Aggregated Age-Adjusted Melanoma Cancer Death Rate, Carson City and Nevada, 2000 - 2003 and 2004 - 2008.\***

On aggregate, the melanoma cancer mortality rate declined for both Nevada and Carson City.

Carson City's rate was almost twice as high as the state rate.

The Healthy People 2010 target rate was 2.3 per 100,000 population.



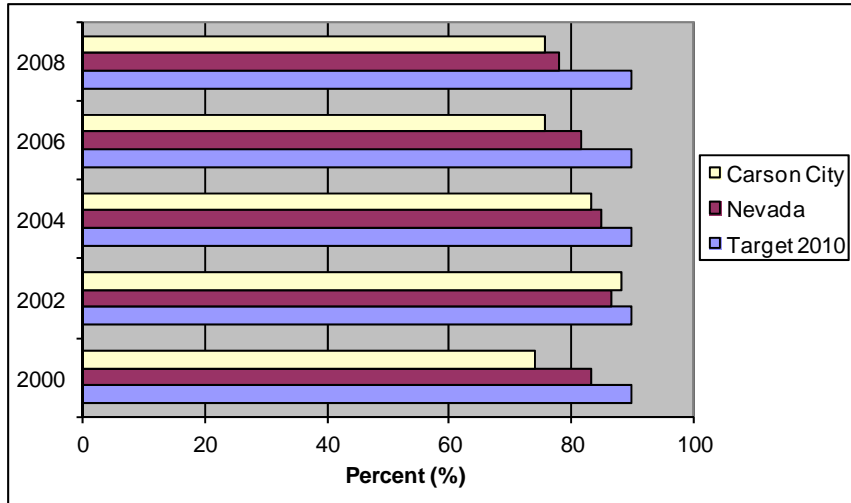
\*These rates are age-adjusted to the 2000 U.S. standard population. The Nevada data are from Nevada Vital Statistics Records. Note: 2007 and 2008 data are not final and are subject to change.



**Healthy People 2010 Objective (3-11b.):** Increase the proportion of women aged 18 years and older who have had a Pap test in the preceding three years.

**Healthy People 2020 Objective C HP2020-15:** Increase the proportion of women who receive a cervical cancer screening based on the most recent guidelines.

**Proportion of Women Aged 18 and Older Receiving a Pap Test within Three Years, Carson City and Nevada, BRFSS Data, 2000, 2002, 2004, 2006, and 2008.\***



The percentage of women receiving a Pap test within three years fluctuated for Carson City and the state.

The Healthy People 2010 target of 90 percent was attained in 2002 by Carson City.

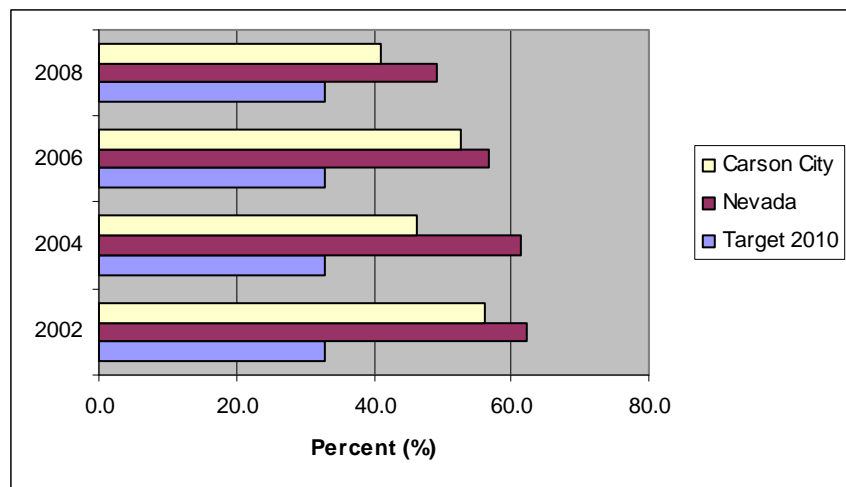
**Healthy People 2010 Objective (3-12a.):** Increase the proportion of adults aged 50+ who have had a fecal occult blood test in the preceding two years.

**Healthy People 2020 Objective C HP2020-16:** Increase the proportion of adults who receive a colorectal cancer screening based on the most recent guidelines.

**Proportion of Adults Aged 50+ Who Have Had A Fecal Occult Blood Test Within the Preceding 2 Years, Carson City and Nevada, BRFSS Data, 2002, 2004, 2006, 2008.\***

Both Carson City and Nevada exceeded the Healthy People 2010 goal of 33 percent for the percentage of adults, aged 50 years and older, who had a fecal blood test within the prior two years.

Both the state and Carson City rates declined from 2004-2008.

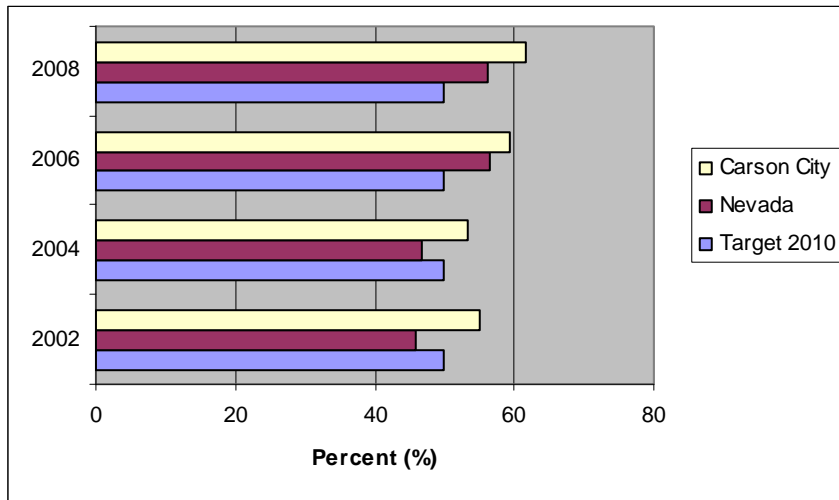


\*These percentages are weighted to survey population characteristics. Not all counties were included in the survey results.

**Healthy People 2010 Objective (3-12b.):** Increase the proportion of adults aged 50+ who have ever had a sigmoidoscopy or colonoscopy.

**Healthy People 2020 Objective C HP2020-16:** Increase the proportion of adults who receive a colorectal cancer screening based on most recent guidelines.

**Proportion of Adults Aged 50+ Who Have Ever Had a Sigmoidoscopy or Colonoscopy, Carson City and Nevada, BRFSS Data, 2002, 2004, 2006, 2008.\***



For all four reporting years 2002-2008, Carson City surpassed the Healthy People 2010 target rate of 50 percent for the percentage of adults, aged 50 years and older, who have ever had a sigmoidoscopy or colonoscopy.

The rates for both Carson City and the state improved from 2002-2008

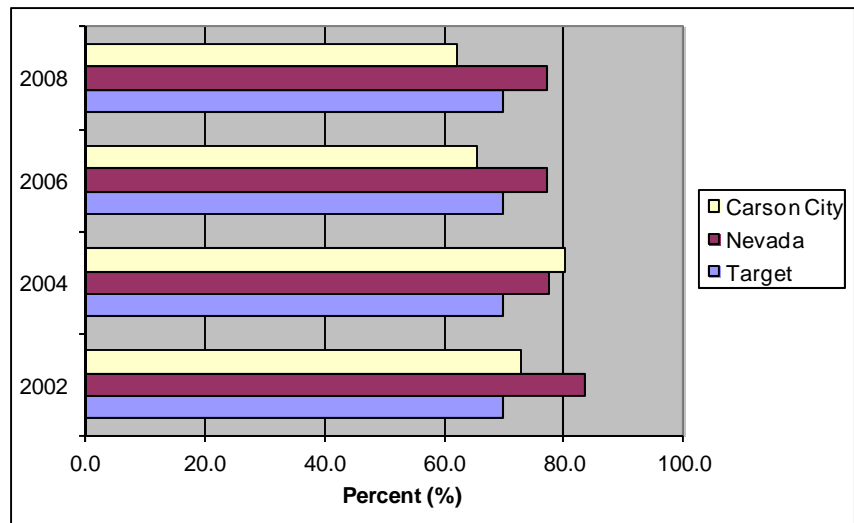
**Healthy People 2010 Objective (3-13):** Increase the proportion of women aged 40+ who have had a mammogram in the preceding two years.

**Healthy People 2020 Objective C HP2020-17:** Increase the proportion of women who receive a breast cancer screening based on the most recent guidelines.

**Proportion of Women Aged 40+ Who Have Had A Mammogram in The Preceding 2 Years, Carson City and Nevada, BRFSS Data, 2002, 2004, 2006, 2008.\***

For the reported years 2002-2008, Carson City and the state exceeded the Healthy People target of 70 percent.

However the percentages for both Carson City and the state have declined over this time period.



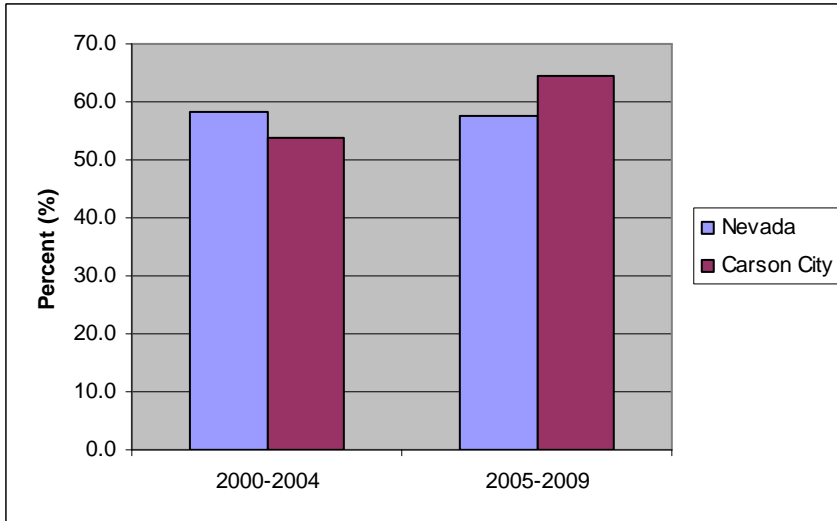
\*These percentages are weighted to survey population characteristics. Not all counties were included in the survey results.

# Diabetes

**Healthy People 2010 Objective (5-1):** Increase the proportion of persons with diabetes who receive formal diabetes education.

**Healthy People 2020 Objective D HP2020-14:** Increase the proportion of persons with diabetes who receive formal diabetes education.

**Aggregated Proportion of Persons With Diabetes Receiving Formal Diabetes Education, Carson City and Nevada, BRFSS Data, 2000 - 2004 and 2005 - 2009.\***



According to the Behavior Risk Factor Surveillance Survey (BRFSS), the proportion of people receiving formal diabetes education has slightly declined for the state and increased for Carson City on aggregate from 2000-2009.

Carson City met the Healthy People 2010 goal of 60 percent from 2005-2009.

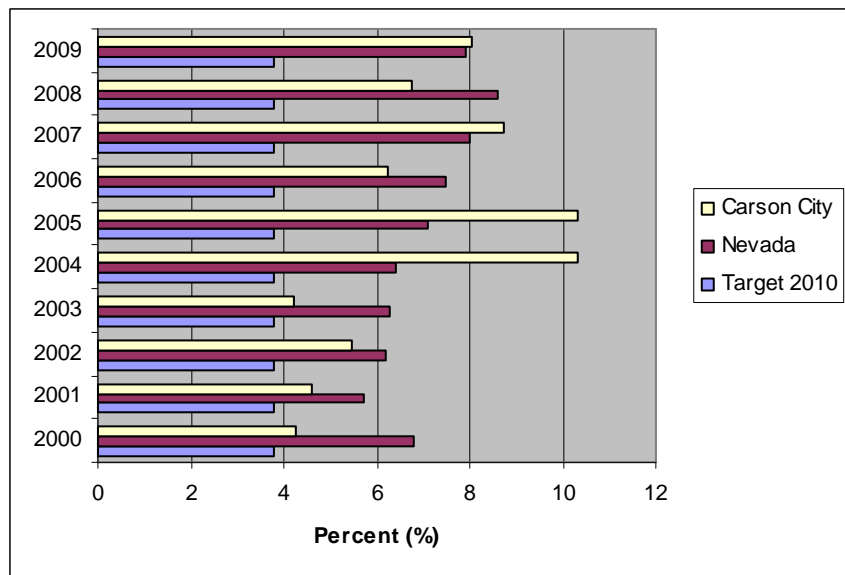
**Healthy People 2010 Objective (5-3):** Reduce the overall percentage of diabetes that is clinically diagnosed.

**Healthy People 2020 Objective D HP2020-1:** Reduce the annual number of new cases of diagnosed diabetes in the population.

**Proportion of Persons with Clinically Diagnosed Diabetes, Carson City and Nevada, BRFSS Data, 2000 - 2009.\***

The Healthy People goal to reduce the percentage of new cases of people diagnosed with diabetes was not reached by either the state or Carson City.

The percentage of persons who have been clinically diagnosed with diabetes in both Nevada and county have fluctuated between 2000-2009.

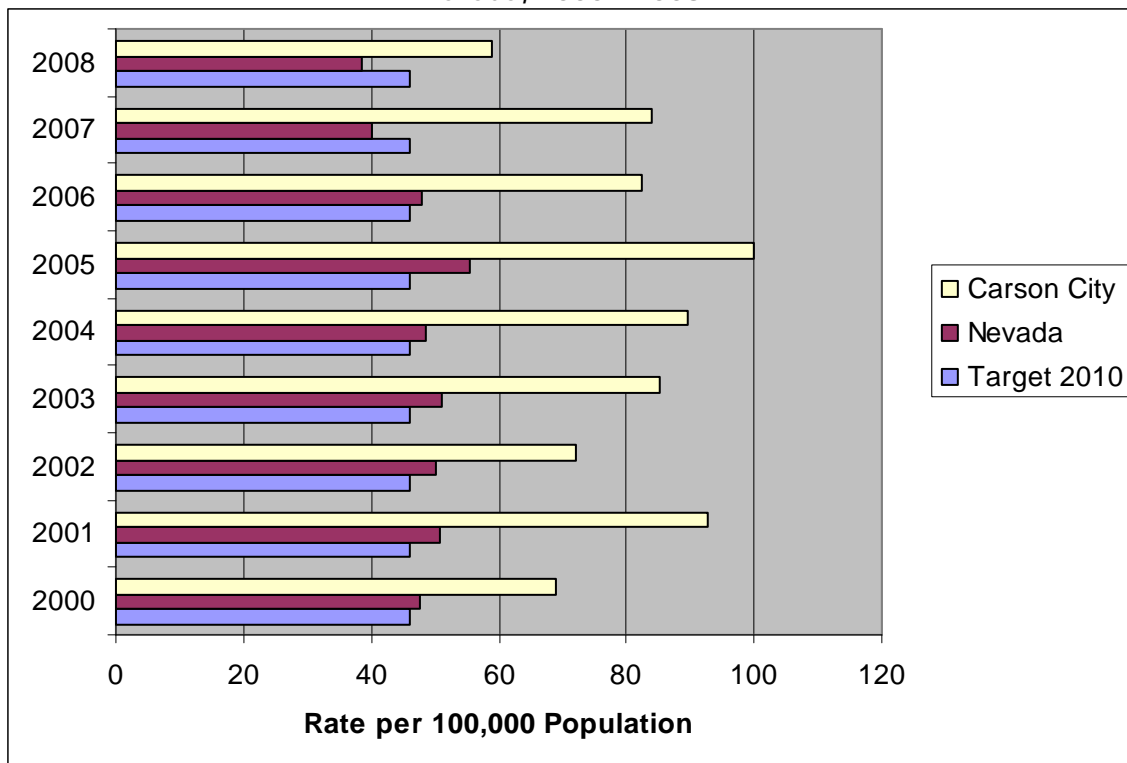


\*These percentages are weighted to survey population characteristics. Not all counties were included in the survey results.

**Healthy People 2010 Objective (5-5):** Reduce the diabetes death rate.

**Healthy People 2020 Objective D HP2020-3:** Reduce the diabetes death rate.

**Age-Adjusted Diabetes Death Rate, Carson City and Nevada, 2000 - 2008.\***



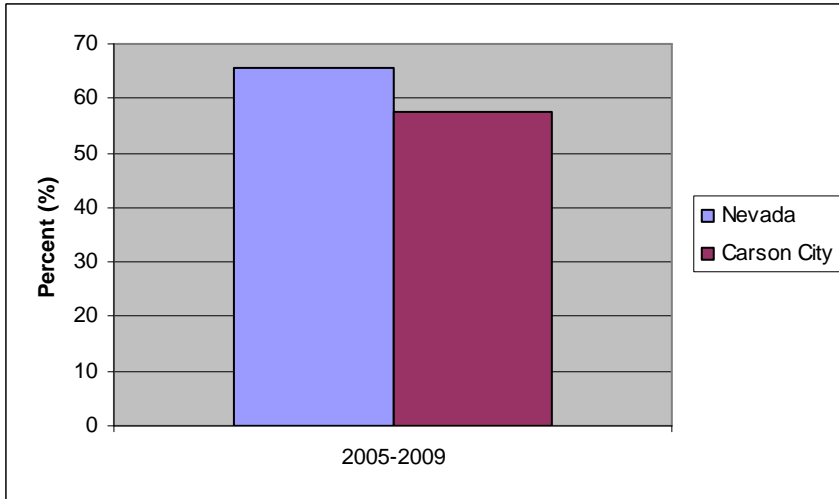
From 2000-2008, Carson City consistently had a higher diabetes death rate than the state overall. In 2007 and 2008 the state met the Healthy People 2010 target rate of 46 per 100,000. Carson City has not met the Healthy People 2010 objective during this time.

\*These rates are age-adjusted to the 2000 U.S. standard population. The Nevada data are from Nevada Vital Statistics Records. Note: 2007 and 2008 data are not final and are subject to change.

**Healthy People 2010 Objective (5-12):** Increase the proportion of adults with diabetes who have had a glycosylated hemoglobin measurement at least two times a year.

**Healthy People 2020 Objective D HP2020-11:** Increase the proportion of adults with diabetes who have a glycosylated hemoglobin measurement at least twice a year.

**Aggregated Proportion of Adults with Diabetes Who Have Had a Glycosylated Hemoglobin Measurement at Least Two Times a Year, Carson City and Nevada, BRFSS Data, 2005 - 2009.\***



There is a higher proportion of diabetics who have had an A1C test at least twice within the past year in Carson City than in Nevada as a whole.

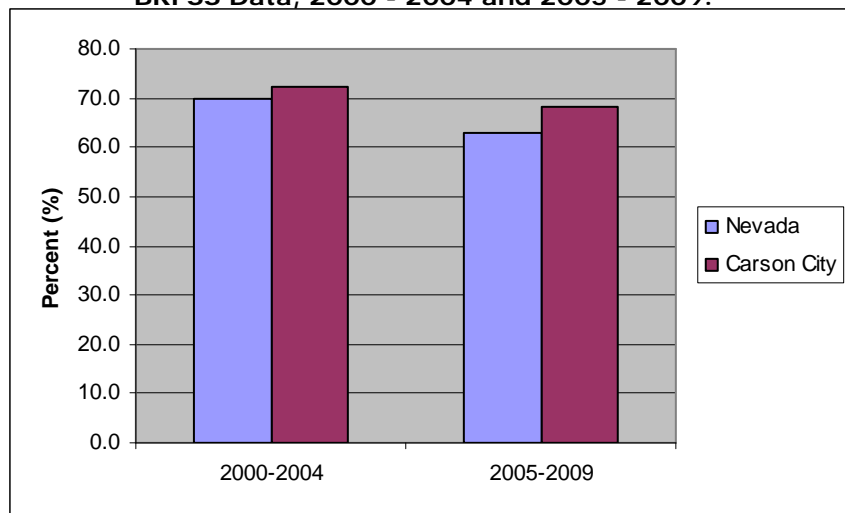
**Healthy People 2010 Objective (5-14):** Increase the proportion of adults with diabetes who have had at least an annual foot examination.

**Healthy People 2020 Objective D HP2020-9:** Increase the proportion of adults with diabetes who have had at least an annual foot examination.

**Aggregated Proportion of Adults with Diabetes Who Have Had at Least an Annual Foot Examination, Carson City and Nevada, BRFSS Data, 2000 - 2004 and 2005 - 2009.\***

The percentage of adults with diabetes who have had at least an annual foot examination declined for both Nevada and Carson City over the reporting years 2000-2009.

Neither the state nor the city met the Healthy People 2010 target of 91 percent.



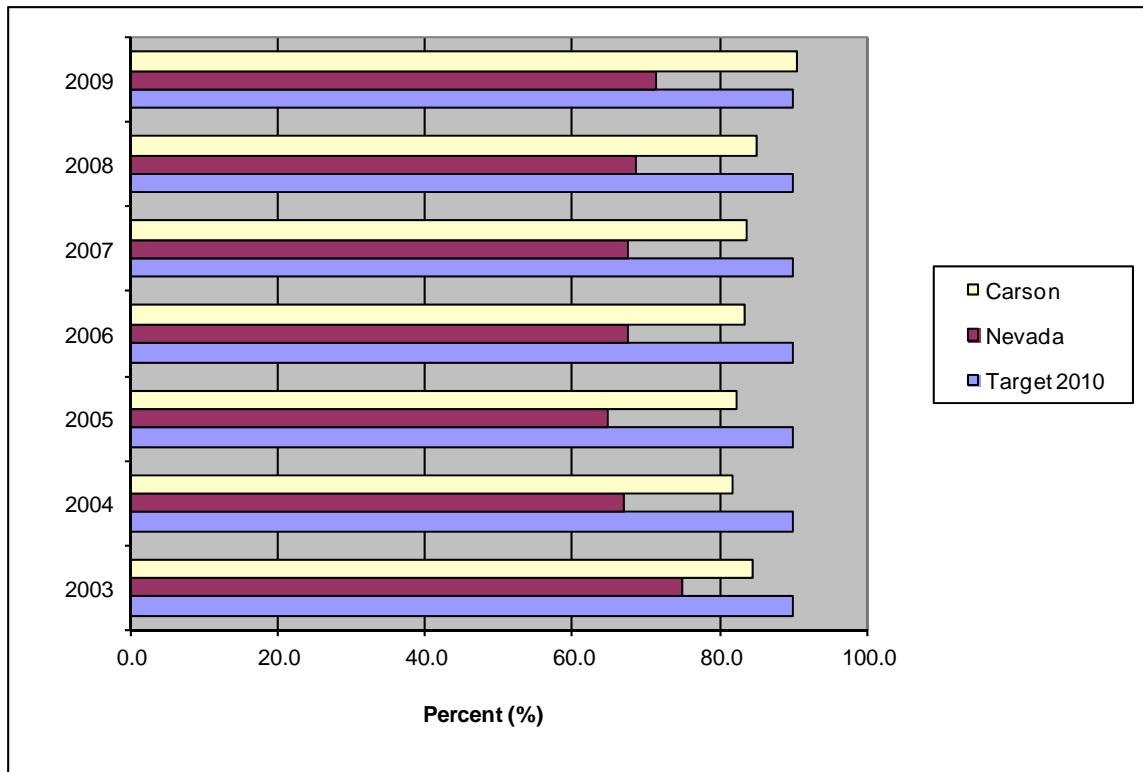
\*These percentages are weighted to survey population characteristics. Not all counties were included in the survey results.

# Education and Community-Based Programs

**Healthy People 2010 Objective ECBP HP2010-1:** Increase high school completion.

**Healthy People 2020 Objective ECBP HP2020-6:** Increase the proportion of the population that completes high school education.

**High School Completion Rate (Percent), Carson City and Nevada, 2003 - 2009.\***



From 2005-2009, Carson City's high school completion rate consistently increased. The state rate, while slightly lower, has paralleled this increase since 2005. Carson City surpassed the new Healthy People 2020 goal of 90 percent in 2009.

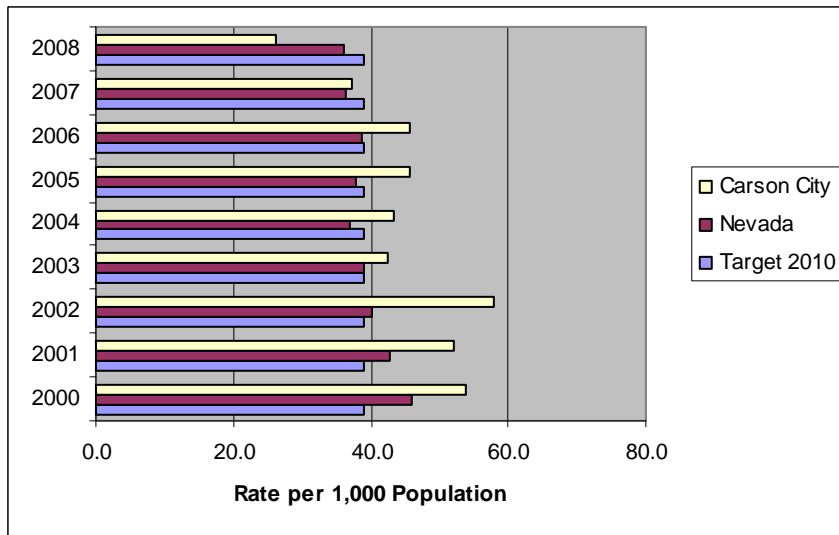
\*The Nevada data are from the Nevada Annual Reports of Accountability.

# Family Planning

**Healthy People 2010 Objective (9-7):** Reduce pregnancies among adolescent females.

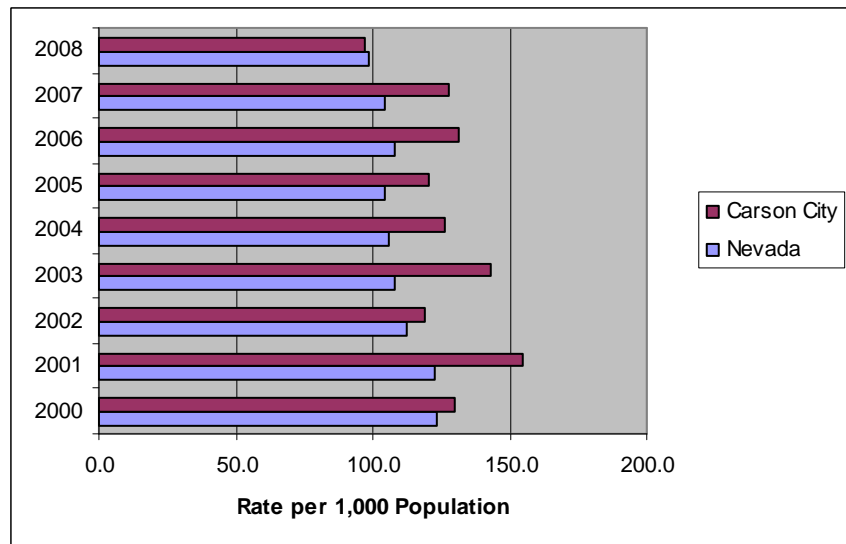
**Healthy People 2020 Objective FP HP2020–8:** Reduce pregnancies among adolescent females, aged 15-17 and aged 18-19.

**Adolescent Pregnancy Rate Among Females Aged 15 to 17 Years, Carson City and Nevada, 2000 - 2008.\***



In 2007 and 2008, both Nevada and Carson City had rates for adolescent pregnancy among females, aged 15 to 17 years, which were lower than the Healthy People 2010 target of 39 per 1,000 population.

**Adolescent Pregnancy Rate Among Females Aged 18 to 19 Years, Carson City and Nevada, 2000 - 2008.\***



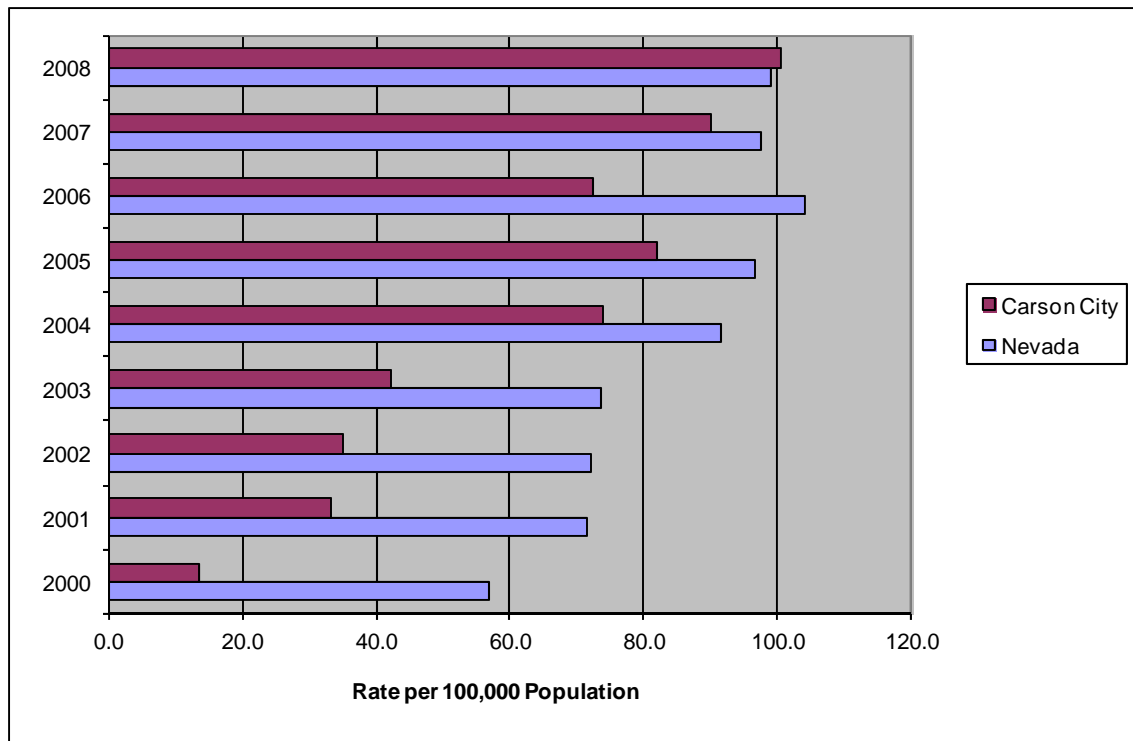
The rates for pregnancy among females, aged 18 to 19 years, declined for both Carson City and the state from 2000-2008.

\*The Nevada data are from Nevada Vital Statistics Records. The U.S. data are from the National Vital Statistics System - Births. Note: 2008 data are not final and are subject to change.

# Healthcare-Associated Infections

**Healthy People 2020 Objective HAI HP2020-2:** Reduce invasive methicillin-resistant staphylococcus aureus (MRSA) infections.

**Rate of Invasive Methicillin-Resistant Staphylococcus Aureus (MRSA) Infections, Carson City and Nevada, 2000 - 2008. \***



Overall, the rate of methicillin-resistant staphylococcus aureus (MRSA) infections climbed during the study years of 2000-2008 for both Carson City and Nevada.

\*These rates are age-adjusted to the 2000 U.S. standard population. Data are from the Nevada Inpatient Hospital Discharge Database (NIHDD).

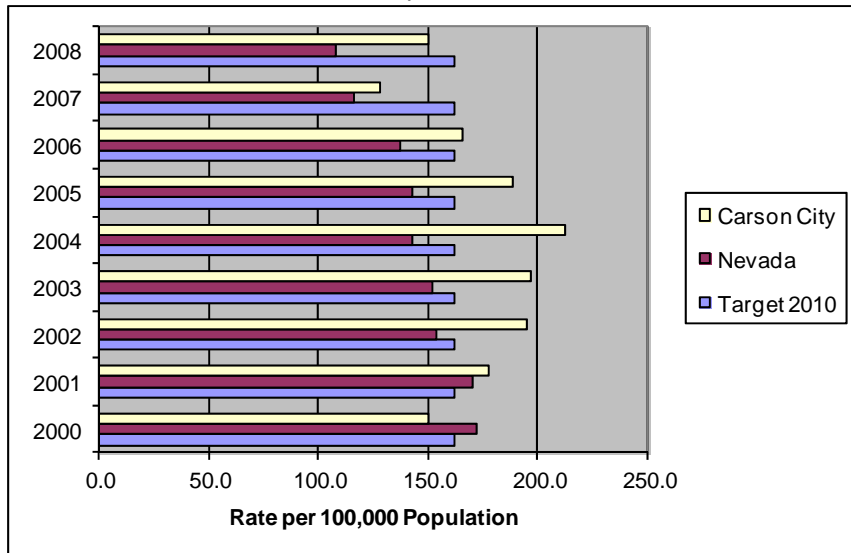


# Heart Disease and Stroke

**Healthy People 2010 Objective (12-1):** Reduce coronary heart disease deaths.

**Healthy People 2020 Objective HDS HP2020-2:** Reduce coronary heart disease deaths.

**Age-Adjusted Coronary Heart Disease Death Rate, Carson City and Nevada, 2000 - 2008.\***



From 2006-2008, both Carson City and the state had coronary heart disease mortality rates lower than the Healthy People 2010 target rate of 162 per 100,000 population.

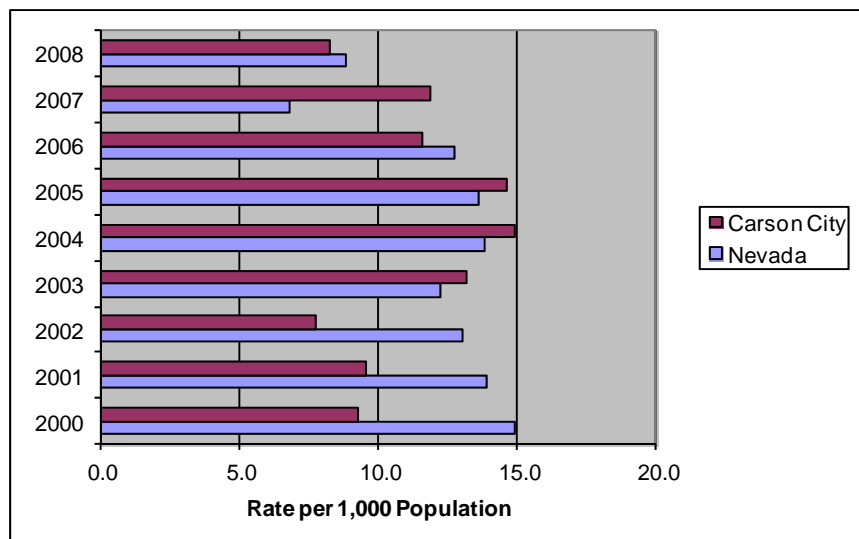
\*These rates are age-adjusted to the 2000 U.S. standard population. The Nevada data are from Nevada Vital Statistics Records. Note: 2007 and 2008 data are not final and are subject to change.

**Healthy People 2010 Objective (12-6.):** Reduce the rate of hospitalizations of older adults aged 65 years and older with congestive heart failure.

**Rate of Hospitalizations of Older Adults Aged 65 Years and Older With Congestive Heart Failure, Carson City and Nevada, 2000 - 2008.\***

The rate of hospitalizations of older adults, aged 65 years and older, with congestive heart failure have declined since 2000 in the state.

There was no discernible trend for Carson City over this period.

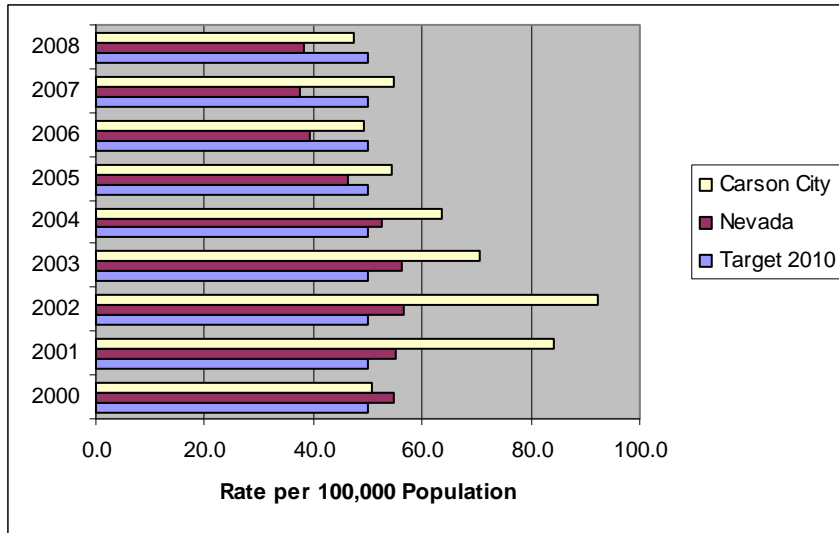


\*The Nevada data are from Nevada Inpatient Hospital Discharge Database (NIHDD).

**Healthy People 2010 Objective (12-7):** Reduce stroke deaths.

**Healthy People 2020 Objective HDS HP2020-3:** Reduce stroke deaths.

**Age-Adjusted Stroke Death Rate, Carson City and Nevada, 2000 - 2008.\***



From 2005-2008, the state rate for deaths caused by stroke has been lower than the Healthy People 2010 target rate of 50 per 100,000 population.

The Carson City rate almost doubled from 2000-2002 but declined back below their 2000 rate by 2008.

\*These rates are age-adjusted to the 2000 U.S. standard population. The Nevada data are from Nevada Vital Statistics Records. Note: 2007 and 2008 are not final and are subject to change.

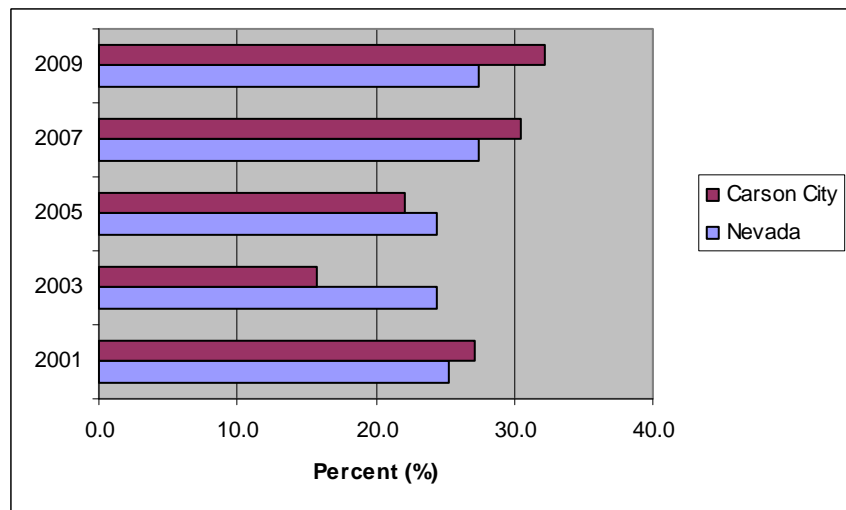
**Healthy People 2010 Objective (12-9a.):** Reduce the proportion of adults with high blood pressure.

**Healthy People 2020 Objective HDS HP2020-5.1:** Reduce the proportion of adults with hypertension.

**Proportion of Adults with High Blood Pressure, Carson City and Nevada, BRFSS Data, 2001, 2003, 2005, 2007, 2009.\***

The percentage of people with high blood pressure for Carson City and Nevada increased from 2003-2009.

The Healthy People 2010 objective of 14 percent was not met in any of the reported years.

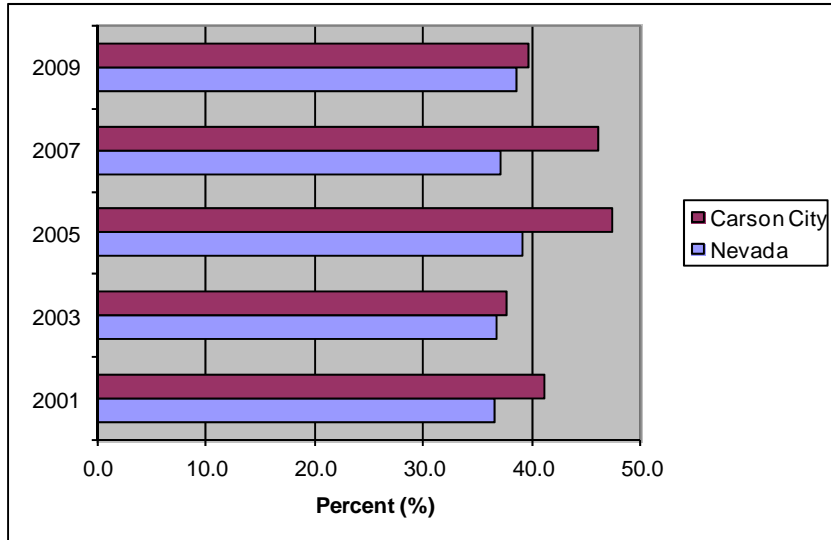


\*These percentages are weighted to survey population characteristics. Not all counties were included in the survey results.

**Healthy People 2010 Objective (12-14):** Reduce the proportion of adults with high blood cholesterol levels.

**Healthy People 2020 Objective HDS HP2020-7:** Reduce the proportion of adults with high blood cholesterol levels.

**Proportion of Adults with High Cholesterol Levels, Carson City and Nevada, BRFSS Data, 2001, 2003, 2005, 2007, 2009.\***



According to Behavioral Risk Factor Surveillance System (BRFSS) data from 2001, 2003, 2005, 2007, and 2009 Carson City had consistently higher percentage of adults with high cholesterol than the state overall.

Neither the state nor the city met the Healthy People 2010 goal of 17 percent.

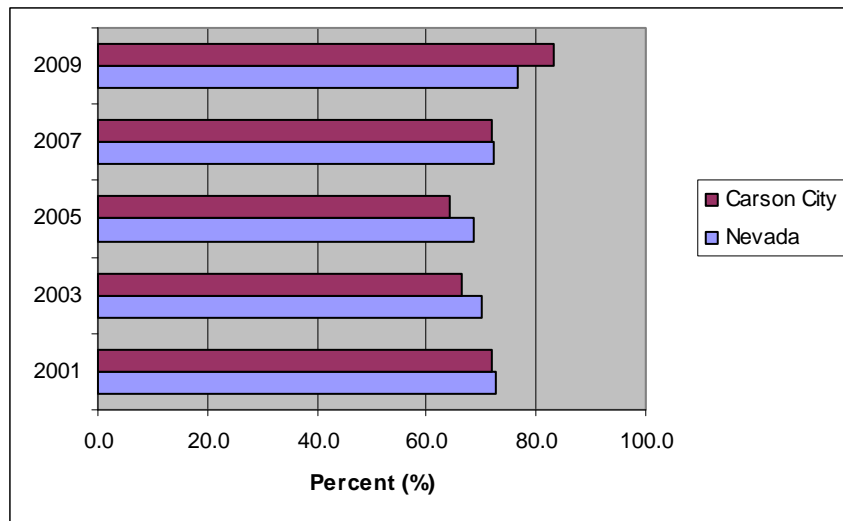
**Healthy People 2010 Objective (12-15):** Increase the proportion of adults having had their blood cholesterol checked within the preceding 5 years.

**Healthy People 2020 Objective HDS HP2020-6:** Increase the proportion of adults having had their blood cholesterol checked within the preceding 5 years.

**Proportion of Adults Having Their Blood Cholesterol Checked Within the Preceding 5 Years, Carson City and Nevada, BRFSS Data, 2001, 2003, 2005, 2007, 2009.\***

The rates of the proportion of adults who have had their blood cholesterol checked over the last five years increased since 2005 for both the state and Carson City.

In 2009, Carson City met the Healthy People objective of 80 percent.



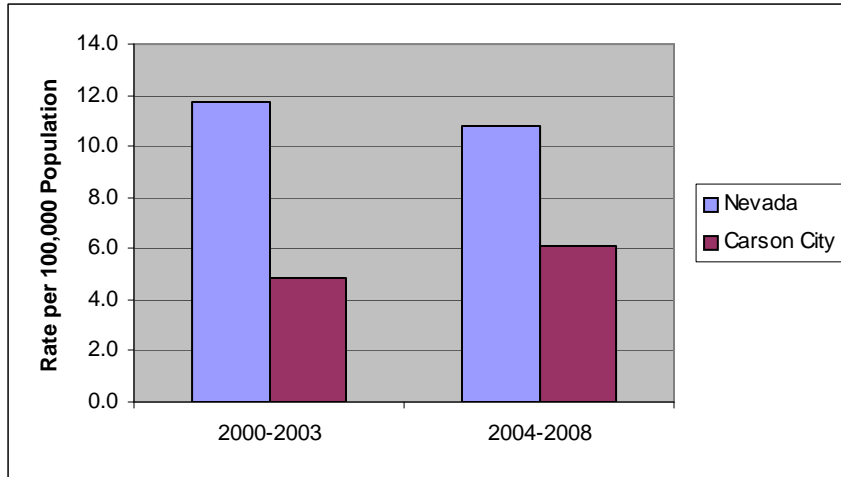
\*These percentages are weighted to survey population characteristics. Not all counties were included in the survey results.

# Human Immunodeficiency Virus (HIV)

**Healthy People 2010 Objective (13-1):** Reduce AIDS among adults and adolescents.

**Healthy People 2020 Objective HIV HP2020-1:** Reduce acquired immune deficiency syndrome (AIDS) among adults and adolescents.

**Aggregated Reported AIDS Cases, Carson City and Nevada, 2000 - 2003 and 2004 - 2008.\***



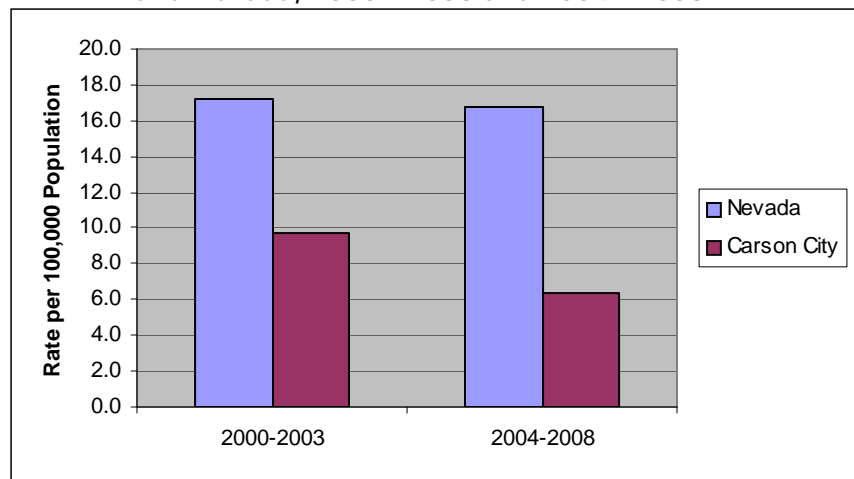
The rate of AIDS cases in Carson City rose from 2000-2008. While the state rate has decreased by almost the same amount.

Both Carson City and Nevada had rates above the Healthy People 2010 target rate of 1.0 per 100,000 population.

**Healthy People 2010 Objective (13-5):** Reduce the number of new cases of human immunodeficiency virus (HIV) and acquired immune deficiency syndrome (AIDS) diagnosed among adults and adolescents.

**Healthy People 2020 Objective HIV HP2020-4:** Reduce the number of new AIDS cases among adolescents and adults.

**Aggregated Reported New Cases of HIV/AIDS, Carson City and Nevada, 2000 - 2003 and 2004 - 2008.\***



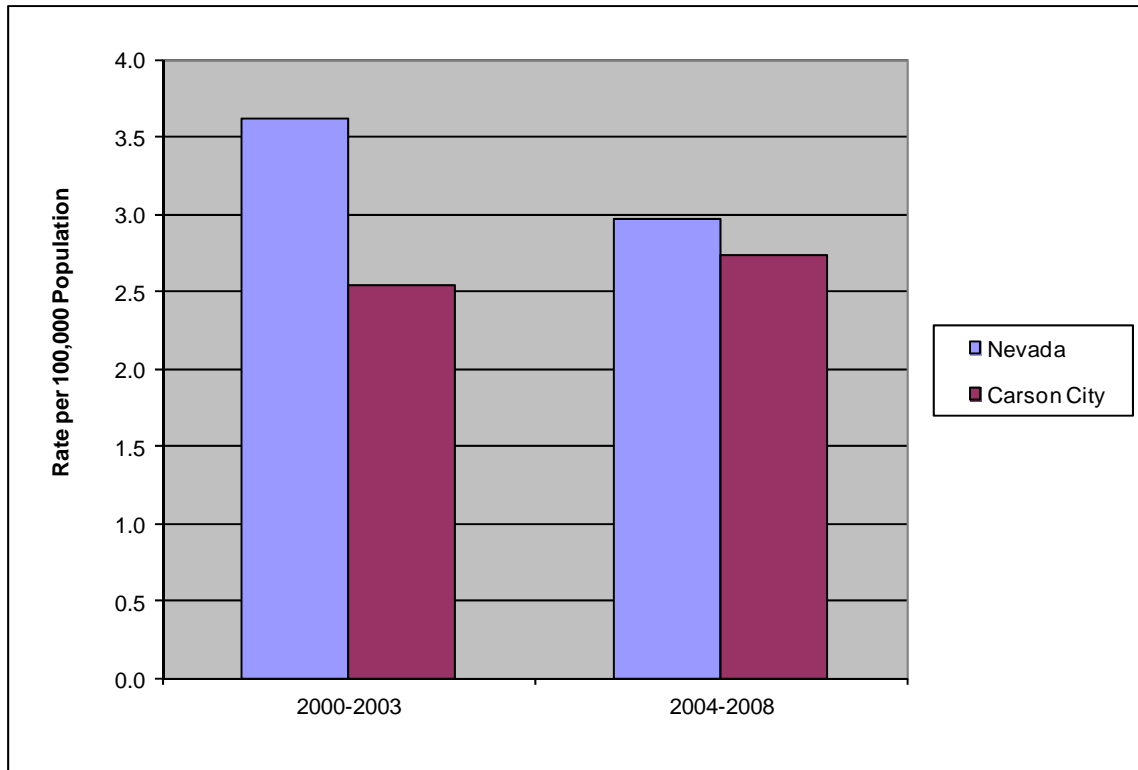
The rate of new cases of HIV/AIDS declined slightly from 2000-2008 for the state, and dropped significantly for Carson City.

\*The Nevada data are from the Enhanced HIV/AIDS Reporting System (eHARS).

**Healthy People 2010 Objective (13-14):** Reduce the deaths from HIV infection.

**Healthy People 2020 Objective HIV HP2020-12:** Reduce deaths from HIV infection.

**Aggregated Age-Adjusted HIV Infection Death Rate, Carson City and Nevada, 2000 - 2003 and 2004 - 2008.\***



The number of HIV infection deaths declined in Nevada from 2000-2008, while the numbers climbed slightly for Carson City over the same time period. Both Carson City and Nevada had mortality rates significantly higher than the Healthy People 2010 target rate of .7 per 100,000 population.

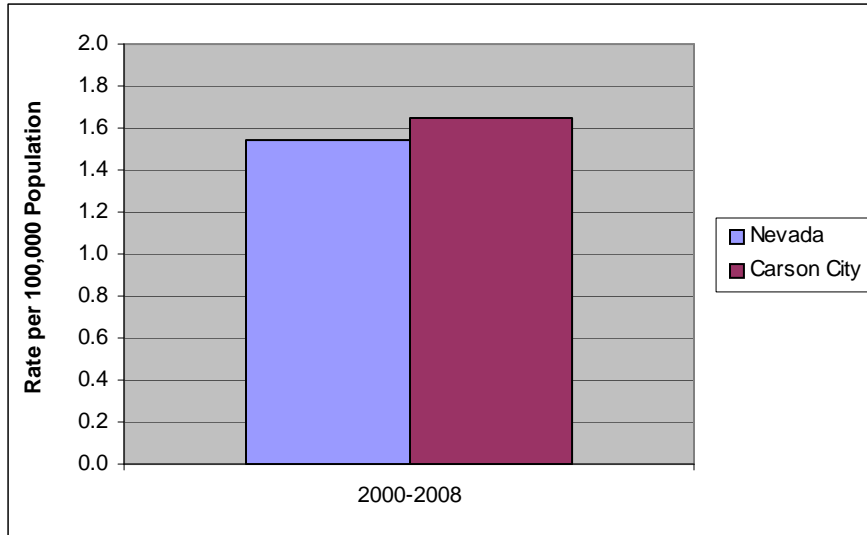
\*These rates are age-adjusted to the year 2000 U.S. standard population. The Nevada data are from the Nevada Vital Statistics Records.  
Note: 2007 and 2008 data are not final and are subject to change.

# Immunization and Infectious Diseases

**Healthy People 2010 Objective (14-6.):** Reduce new cases of Hepatitis A.

**Healthy People 2020 Objective IID HP2020-23:** Reduce Hepatitis A.

**Aggregated Rate of Reported New Cases of Hepatitis A, Carson City and Nevada, NEDSS Data, 2000 - 2008.\***



The rate of reported new cases of hepatitis A was higher in Carson City than the state rate from 2000-2008.

On aggregate from 2000-2008 both the state and Carson City met the Healthy People target rate of 4.3 per 100,000 population.

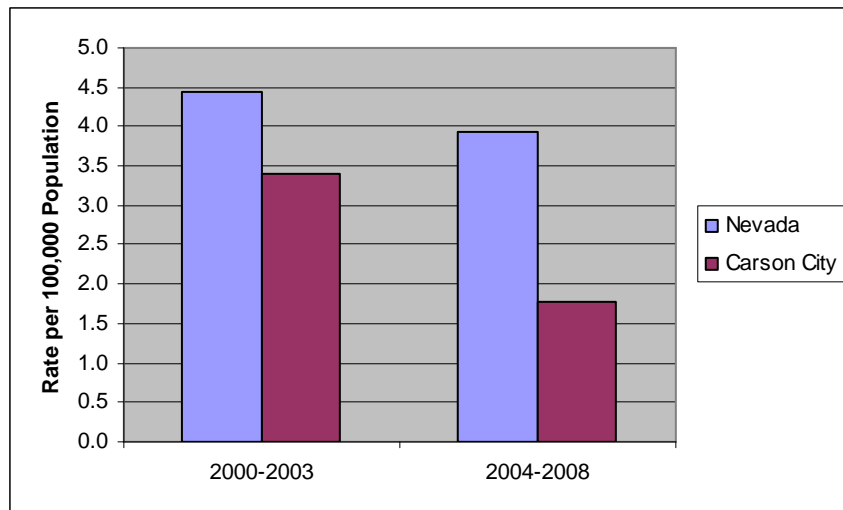
**Healthy People 2010 Objective (14-11):** Reduce new cases of tuberculosis.

**Healthy People 2020 Objective IID HP2020-29:** Reduce tuberculosis (TB).

**Aggregated Rate of Reported New Cases of Tuberculosis, Carson City and Nevada, NEDSS Data, 2000 - 2003 and 2004 - 2008.\***

The rate of reported new cases of tuberculosis decreased for both the state and Carson City from the year 2000-2008.

However neither met the Healthy People 2010 target rate of 1.0 per 100,000.

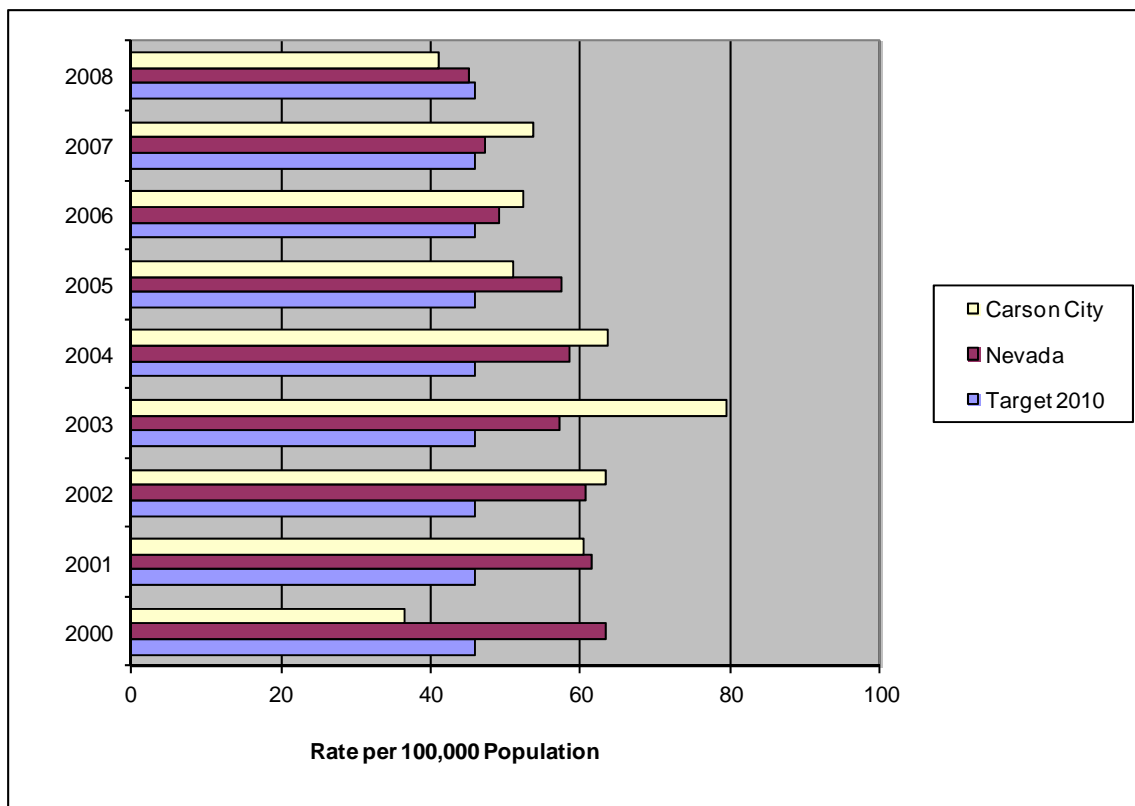


\*The Nevada data are from the National Electronic Telecommunications System for Surveillance (NEDSS).

**Healthy People 2010 Objective (14-17):** Reduce hospitalization caused by peptic ulcer disease in the United States.

**Healthy People 2020 Objective IID HP2020-10:** Reduce hospitalization caused by peptic ulcer disease in the United States.

**Age-Adjusted Rate of Hospitalizations for Peptic Ulcer Disease, Carson City and Nevada, 2000 - 2008\*.**



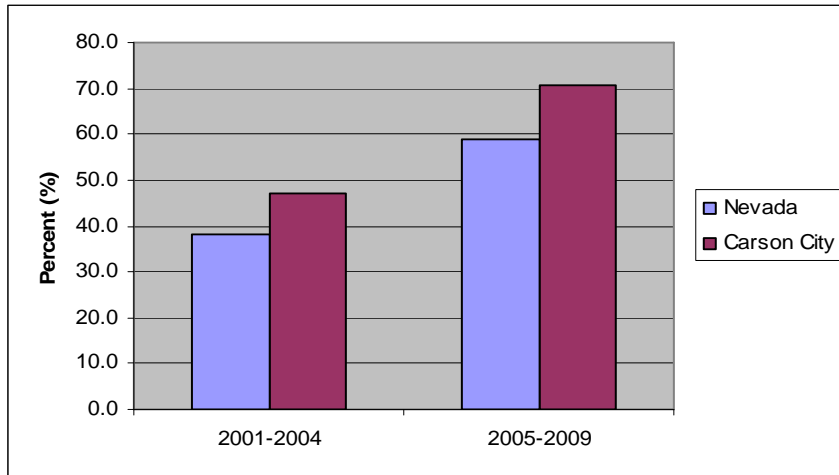
From 2003-2008 the rate of hospitalizations caused by peptic ulcer disease decreased in Carson City and Nevada. In 2008 both met the Healthy People 2010 target rate of 46 per 100,000 population.

\*These rates are age-adjusted to the 2000 U.S. standard population. The Nevada data are from the National Electronic Telecommunications System for Surveillance (NEDSS).

**Healthy People 2010 Objective (14-29a.):** Increase the proportion of adults, aged 65 years and older, who are vaccinated annually against influenza.

**Healthy People 2020 Objective IID HP2020-12.7:** Increase the proportion of non-institutionalized adults, aged 65 years and older, who are vaccinated annually against seasonal influenza.

**Aggregated Proportion of Adults Aged 65 Years and Older Who Are Vaccinated Against Influenza, Carson City and Nevada, BRFSS Data, 2001 - 2004 and 2005 - 2009.\***



The percentage of adults, aged 65 years and older, who are vaccinated against influenza increased for both Nevada and Carson City.

Both the state and the city were still short of the Healthy People 2010 target of 90 percent.

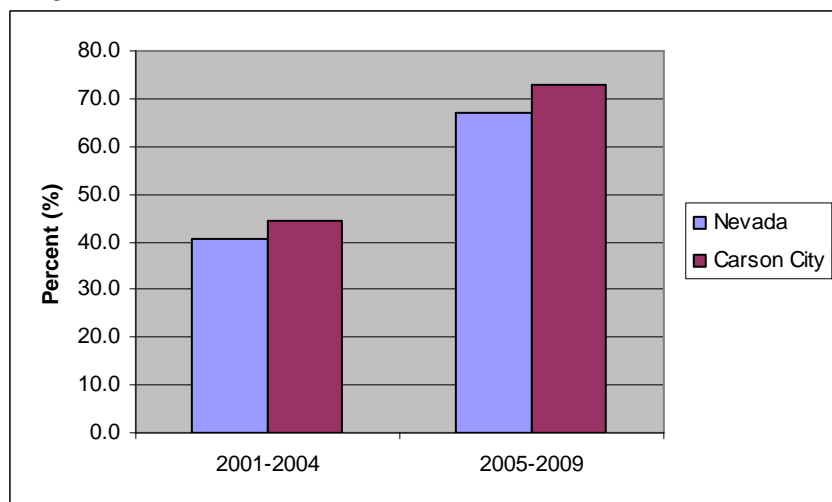
**Healthy People 2010 Objective (14-29b.):** Increase the proportion of adults, aged 65 years and older, who have ever received the pneumococcal vaccine.

**Healthy People 2010 Objective IID HP 2020-13.1:** Increase the proportion of non-institutionalized adults, aged 65 years and older, who are vaccinated against pneumococcal disease.

**Aggregated Proportion of Adults Aged 65 Years and Older Who Have Ever Received the Pneumococcal Vaccine, Carson City and Nevada, BRFSS Data, 2001 - 2004 and 2005 - 2009.\***

The percentage of adults, aged 65 years and older, who have ever received the pneumococcal vaccine increased for both Carson City and the state from 2001-2009.

However, both fell short of the Healthy People 2010 goal of 90 percent.



\*These percentages are weighted to survey population characteristics. Not all counties were included in the survey results.

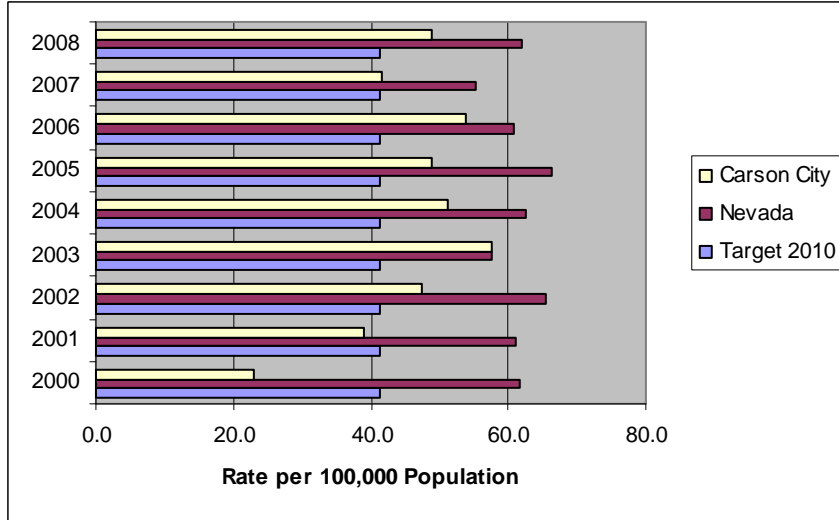


# Injury and Violence Prevention

**Healthy People 2010 Objective (15-1):** Reduce hospitalizations for non-fatal head injuries.

**Healthy People 2020 Objective IVP HP2020-2.2:** Reduce hospitalizations for nonfatal traumatic brain injuries.

**Hospitalization Rate for Non-Fatal Head Injuries, Carson City and Nevada, 2000 - 2008.\***



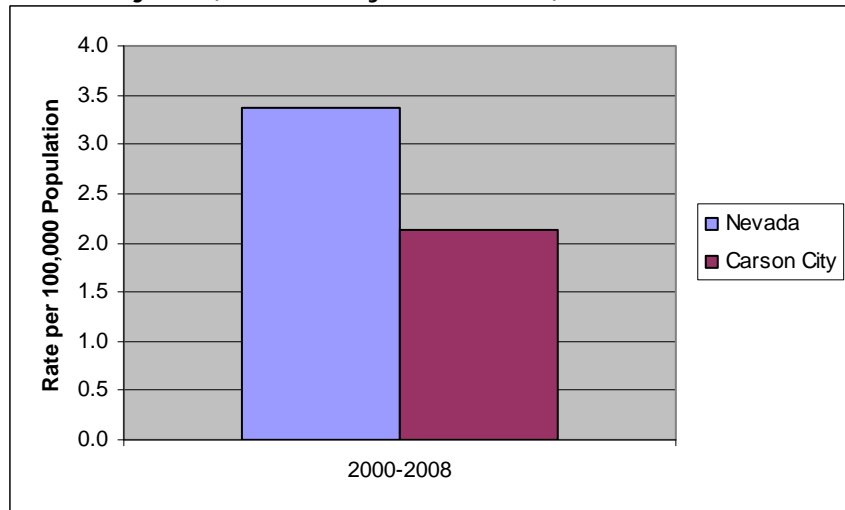
The hospitalization rate for non-fatal head injuries fluctuated for Nevada and Carson City from 2000-2008.

Carson City met the Healthy People 2010 target rate of 41.2 per 100,000 population in 2000 and 2001, but saw increases beyond the target thereafter.

**Healthy People 2010 Objective (15-2):** Reduce hospitalizations for nonfatal spinal cord injuries.

**Healthy People 2020 Objective IVP HP2020-3:** Reduce fatal and nonfatal traumatic spinal cord injuries.

**Aggregated Hospitalization Rate for Non-Fatal Spinal Cord Injuries, Carson City and Nevada, 2000 - 2008.\***



The hospitalization rate for non-fatal spinal cord injuries averaged lower for Carson City than Nevada during the years 2000—2008.

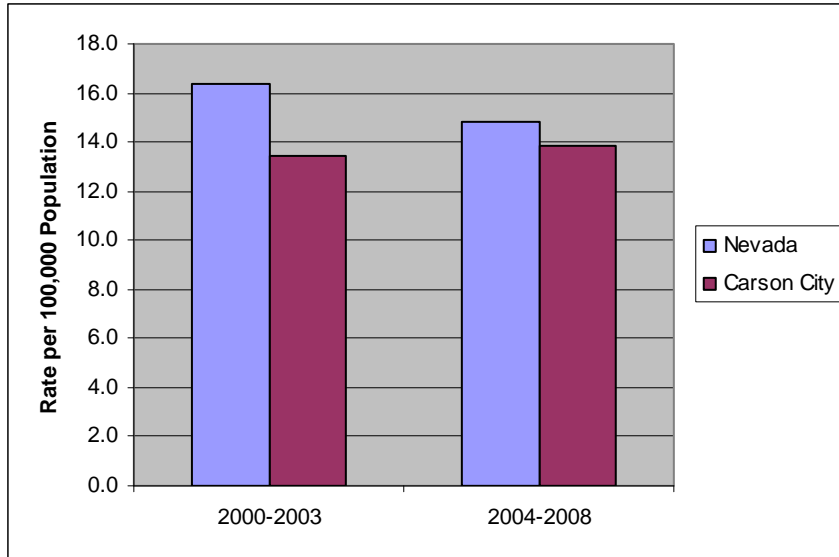
Carson City met the Healthy People 2010 target rate of 2.4 per 100,000 population.

\*The Nevada data are from the Nevada Inpatient Hospital Discharge Database (NIHDD).

**Healthy People 2010 Objective (15-3):** Reduce firearm-related deaths.

**Healthy People 2020 Objective IVP HP2020-30:** Reduce firearm-related deaths.

**Aggregated Age-Adjusted Firearm Related Death Rate, Carson City and Nevada, 2000 - 2003 and 2004 - 2008.\***



From 2000-2005, the firearm related mortality rate declined for Nevada and increased slightly for Carson City.

Neither met the Healthy People 2010 target rate of 3.6 per 100,000 population.

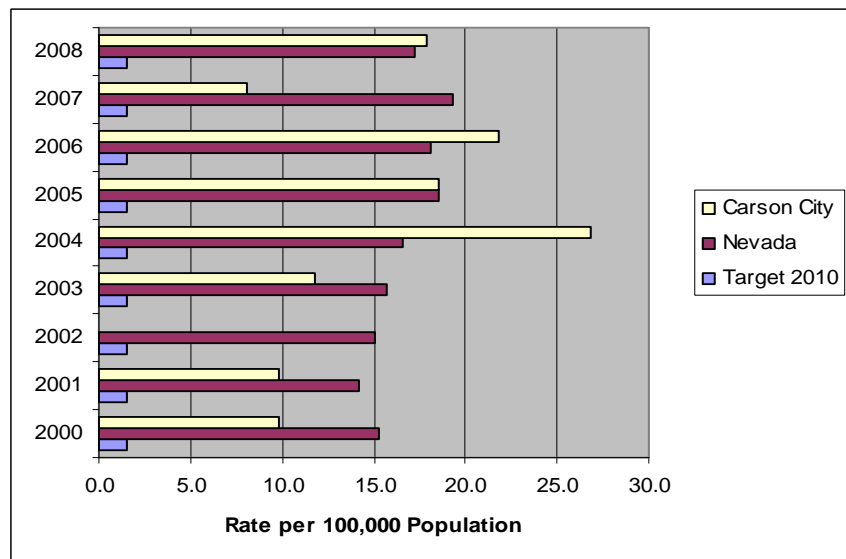
**Healthy People 2010 Objective (15-8):** Reduce deaths caused by poisonings.

**Healthy People 2020 Objective IVP HP2020-9:** Prevent an increase in the rate of poisoning deaths.

**Age-Adjusted Death Rate Caused by Poisoning, Nevada and United States, 2000 - 2008.\***

The poisoning mortality rate fluctuated between 2000-2008 for Nevada and Carson City.

The Healthy People 2010 objective rate of 1.5 per 100,000 population was not attained for any of the study years.

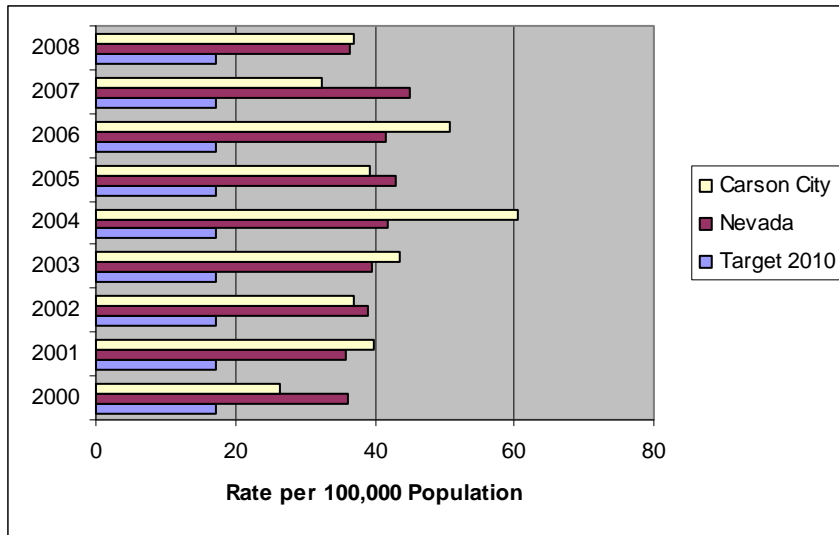


\*These rates are age-adjusted to the 2000 U.S. standard population. The Nevada data are from Nevada Vital Statistics Records. Note: 2007 and 2008 data are not final and are subject to change.

**Healthy People 2010 Objective (15-13):** Reduce deaths caused by unintentional injuries.

**Healthy People 2020 Objective IVP HP2020-11:** Reduce unintentional injury deaths.

**Age-Adjusted Death Rate Caused by Unintentional Injuries, Carson City and Nevada, 2000 - 2008.\***



The unintentional injury mortality rate has fluctuated for Carson City and the state from 2000 -2008.

The Healthy People 2010 target rate of 17.1 per 100,000 population was not been met in any of the study years.

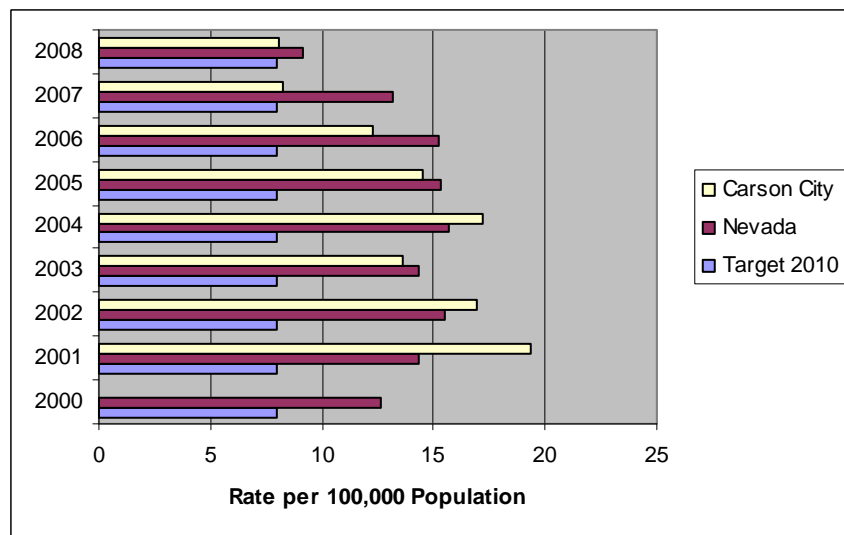
**Healthy People 2010 Objective (15-15a.):** Reduce deaths caused by motor vehicle crashes.

**Healthy People 2020 Objective IVP HP2020-13:** Reduce motor vehicle crash-related deaths.

**Age-Adjusted Death Rate Caused by Motor Vehicle Crashes, Carson City and Nevada, 2000 - 2008.\***

From 2000 to 2008, the motor vehicle crash mortality rate fluctuated for the state and Carson City.

From 2004-2008, the rate for both declined. Both approached the Healthy People 2010 target rate of 8.0 per 100,000 population.

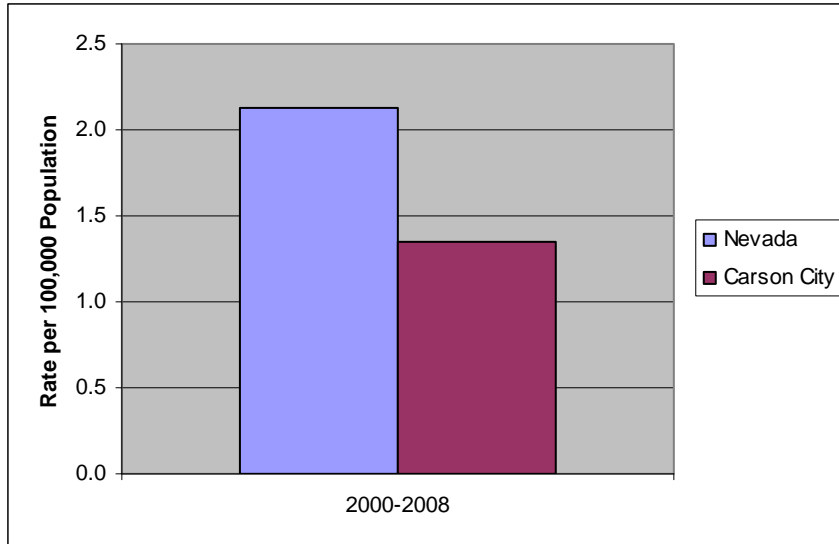


\*These rates are age-adjusted to the 2000 U.S. standard population. The Nevada data are from Nevada Vital Statistics Records. Note: 2007 and 2008 data are not final and are subject to change.

**Healthy People 2010 Objective (15-16):** Reduce pedestrian deaths on public roads.

**Healthy People 2020 Objective IVP HP2020-18:** Reduce pedestrian deaths on public roads.

**Aggregated Age-Adjusted Pedestrian Death Rate on Public Roads, Carson City and Nevada, 2000 - 2008.\***



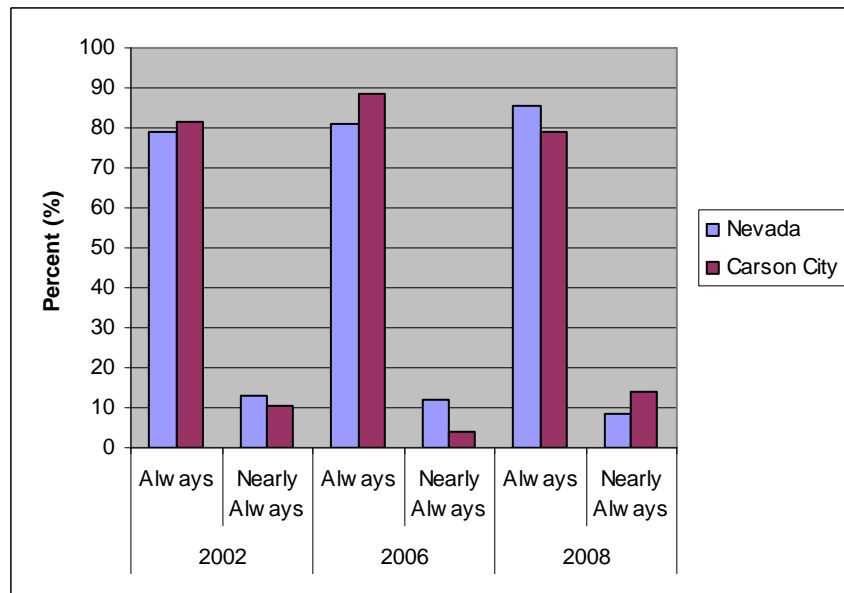
On aggregate the pedestrian death on public roads rate for Carson City met the Healthy People 2010 target rate of 1.4 deaths per 100,000 population.

**Healthy People 2010 Objective (15-19):** Increase the use of safety belts.

**Healthy People 2020 Objective IVP HP2020-15:** Increase use of safety belts.

**Proportion of People Using Safety Belts, Carson City and Nevada, 2002, 2006, 2008.\***

Carson City met the Healthy People target of 89 percent for the percentage of people always using safety belts in 2006, but fell below the goal in 2008.

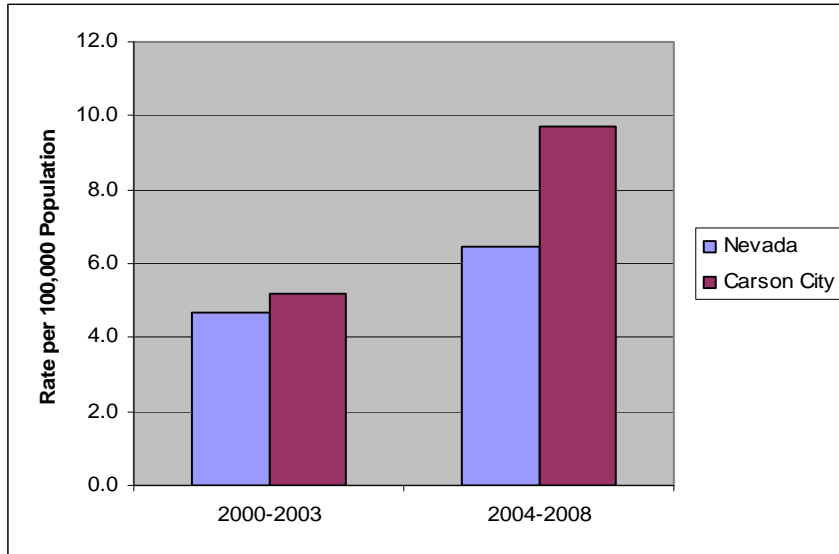


\*These rates are age-adjusted to the 2000 U.S. standard population. The Nevada data are from Nevada Vital Statistics Records. Note: 2007 and 2008 data are not final and are subject to change.

**Healthy People 2010 Objective (15-27):** Reduce deaths from falls.

**Healthy People 2020 Objective IVP HP2020-23:** Prevent an increase in the rate of fall-related deaths.

**Aggregated Age-Adjusted Death Rate From Falls, Carson City and Nevada, 2000 - 2003 and 2004 - 2008.\***



The mortality rate from falls almost doubled on aggregate for Carson City from 2000-2008.

Neither the state, nor Carson City, met the Healthy People 2010 target rate of 3.3 per 100,000 population.

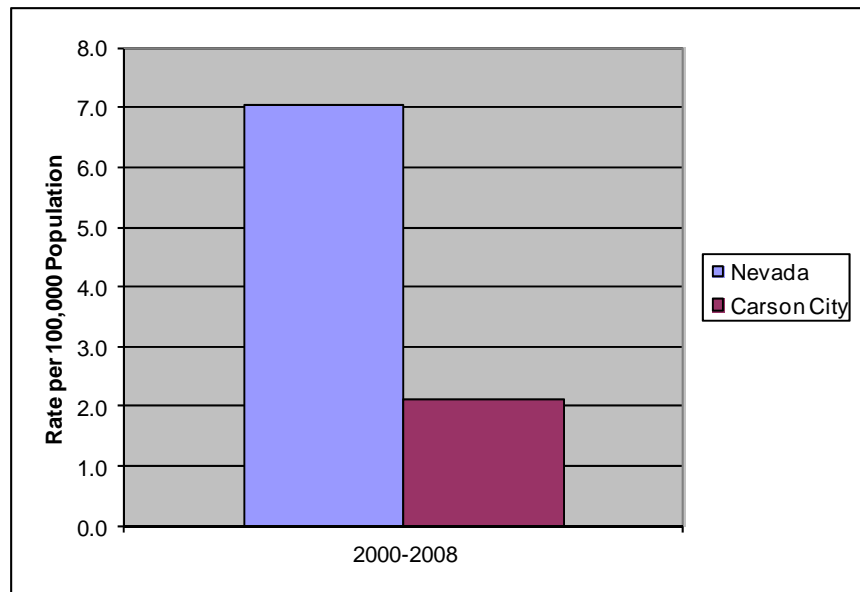
**Healthy People 2010 Objective (15-32):** Reduce homicides.

**Healthy People 2020 Objective IVP HP2020-29:** Reduce homicides.

**Aggregated Age-Adjusted Death Rate from Homicides, Carson City and Nevada, 2000 - 2008.\***

This homicide mortality rate was more than three times lower for Carson City than for Nevada from 2000-2008.

Carson City met the Healthy People target rate of 2.8 per 100,000 population.



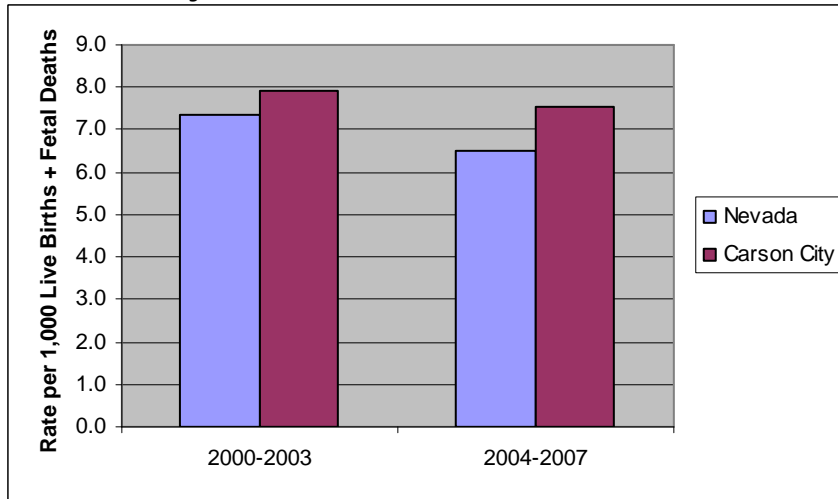
\*These rates are age-adjusted to the 2000 U.S. standard population. The Nevada data are from Nevada Vital Statistics Records. Note: 2007 and 2008 data are not final and are subject to change.

# Maternal, Infant, Child Health

**Healthy People 2010 Objective (16-1a.):** Reduce fetal deaths at 20 or more weeks of gestation.

**Healthy People 2020 Objective MICH HP2020-1.1:** Reduce fetal deaths at 20 or more weeks of gestation.

**Aggregated Fetal Deaths at 20 or More Weeks of Gestation, Carson City and Nevada, 2000 - 2003 and 2004 - 2007.\***



From 2000 to 2007, fetal mortality at 20 or more weeks of gestation declined for Carson City and Nevada.

The Carson City rate was higher than the state rate, and both were above the Healthy People 2010 target rate of 4.1 per 1,000 live births and fetal deaths.

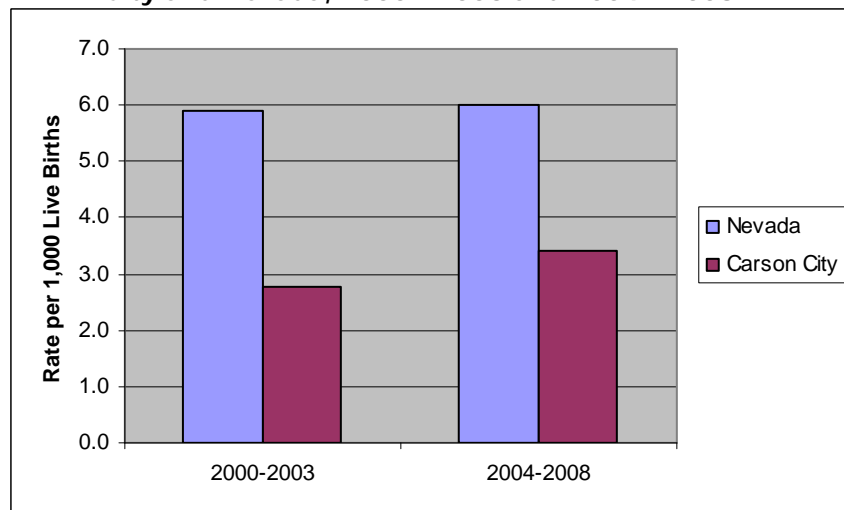
**Healthy People 2010 Objective (16-1c.):** Reduce infant death rate (within 1 year of life).

**Healthy People 2020 Objective MICH HP2020-1.3:** Reduce infant death rate (within 1 year of life).

**Aggregated Infant Death Rate (Within 1 Year of Life), Carson City and Nevada, 2000 - 2003 and 2004 - 2008.\***

The infant mortality rate within one year of life for Carson City averaged half of the Nevada rate.

For all study years Carson City met the Healthy People 2010 target rate of 4.5 per 1,000 live births.

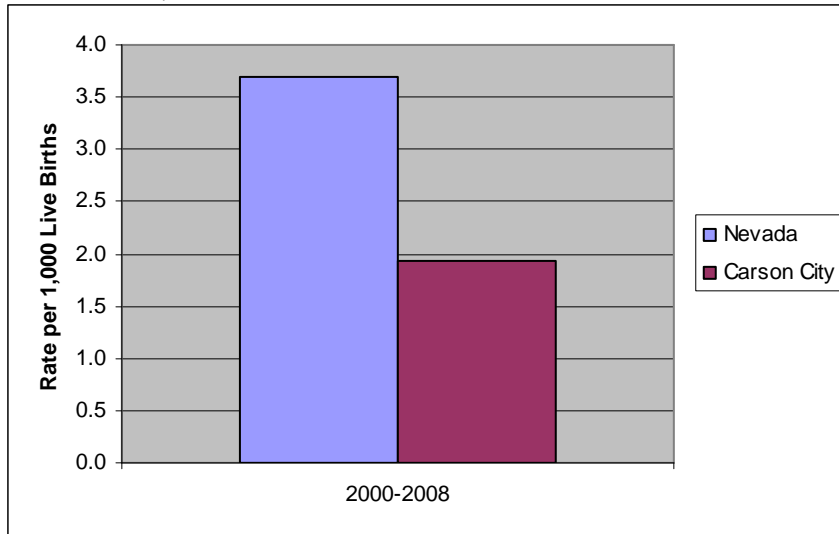


\*The Nevada data are from Nevada Vital Statistics Records.  
Note: 2008 data are not final and are subject to change.

**Healthy People 2010 Objective (16-1d.):** Reduce neonatal deaths (within the first 28 days of life).

**Healthy People 2020 Objective MICH HP2020-1.4:** Reduce neonatal deaths (within the first 28 days of life).

**Aggregated Neonatal Death Rate (Within the First 28 Days of Life), Nevada and United States, 2000 - 2008.\***



During this decade, the neonatal mortality rate, within the first 28 days of life, has averaged higher for Nevada than for Carson City.

On aggregate Carson City met the Healthy People 2010 target rate of 2.9 per 1,000 live births.

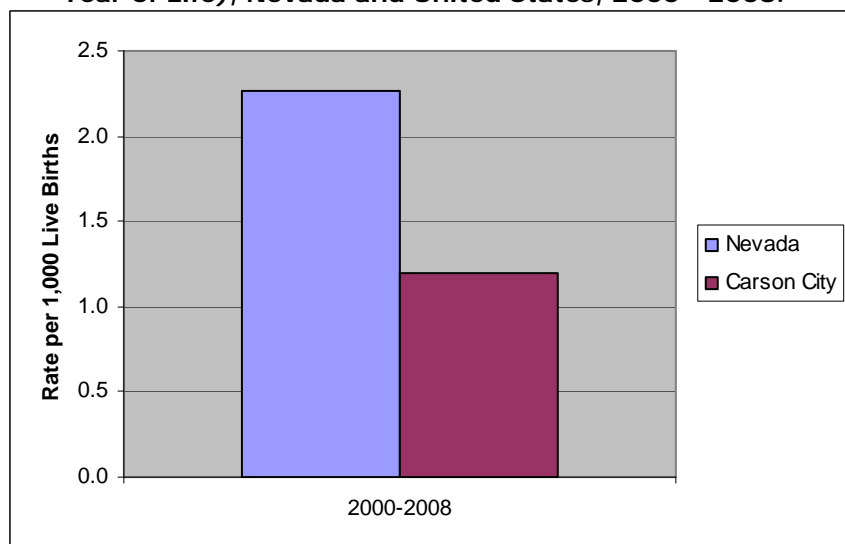
**Healthy People 2010 Objective (16-1e.):** Reduce postneonatal death rate (between 28 days and 1 year).

**Healthy People 2020 Objective MICH HP2020-1.5:** Reduce postneonatal deaths (between 28 days and 1 year).

**Aggregated Postneonatal Death Rate (Between 28 Days and 1 Year of Life), Nevada and United States, 2000 - 2008.\***

From 2000-2008, Carson City's postneonatal mortality rate was almost twice as low as the state rate.

The city met the Healthy People 2010 target of 1.2 per 1,000 live births.

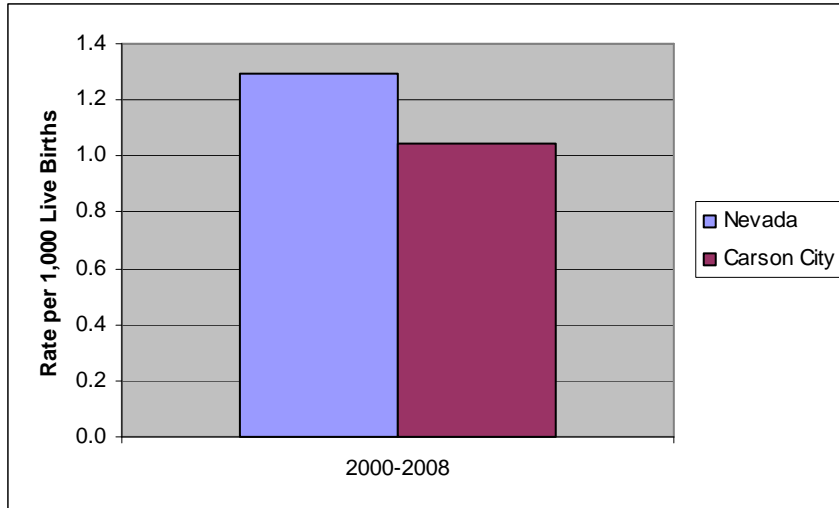


\*The Nevada data are from Nevada Vital Statistics Records.  
Note: 2008 data are not final and are subject to change.

**Healthy People 2010 Objective (16-1f.):** Reduce infant deaths due to birth defects.

**Healthy People 2020 Objective MICH HP2020-1.6:** Reduce infant death rates related to birth defects.

**Aggregated Infant Death Rate From Birth Defects, Carson City and Nevada, 2000 - 2008.\***



The infant mortality rate from birth defects was lower for Carson City than for Nevada during the years 2000—2008.

Neither met the Healthy People 2010 target rate of .7 per 1,000 live births.

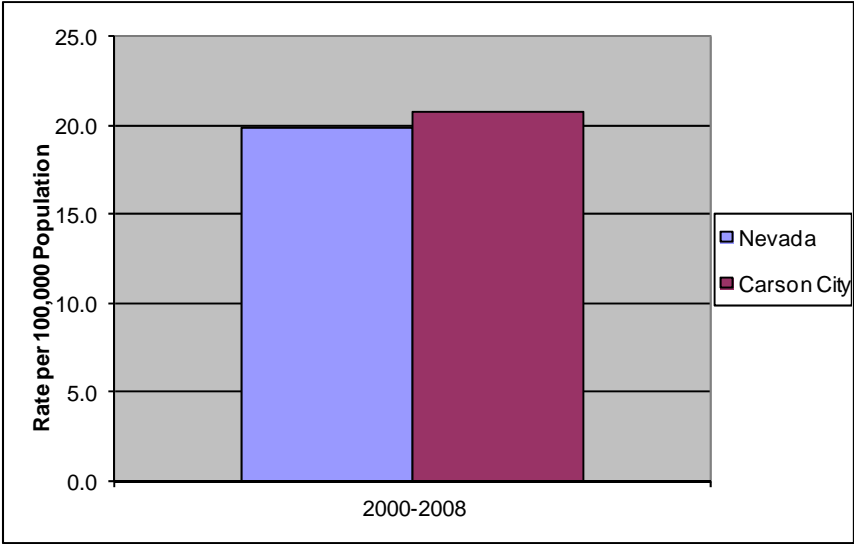
**Healthy People 2010 Objective (16-3a.):** Reduce the rate of adolescent deaths, aged 10 to 14 years.

**Healthy People 2020 Objective MICH HP2020-4.1:** Reduce the rate of adolescent deaths, aged 10 to 14 years.

**Aggregated Death Rate of Adolescents Aged 10 to 14, Carson City and Nevada, 2000 - 2008.\***

The mortality rate of adolescents, aged 10 to 14 years, has averaged higher for Carson City than for Nevada from 2000 to 2008.

Neither met the Healthy People 2010 target rate of 16.5 per 100,000 population.



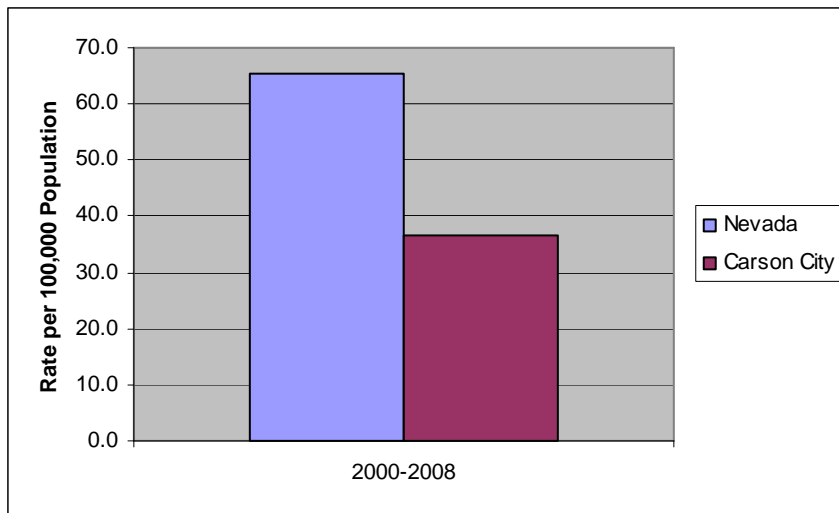
\*The Nevada data are from Nevada Vital Statistics Records.  
Note: 2008 data are not final and are subject to change.



**Healthy People 2010 Objective (16-3b.):** Reduce the rate of adolescent deaths, aged 15 to 19 years.

**Healthy People 2020 Objective MICH HP2020-4.2:** Reduce the rate of adolescent deaths, aged 15 to 19 years.

**Aggregated Death Rate of Adolescents Aged 15 to 19, Carson City and Nevada, 2000 - 2008.\***



From 2000-2008, the mortality rate of adolescents, aged 15 to 19 years, was almost twice as low for Carson City than Nevada.

The City approached the Healthy People 2010 target rate of 38 per 100,000 population.

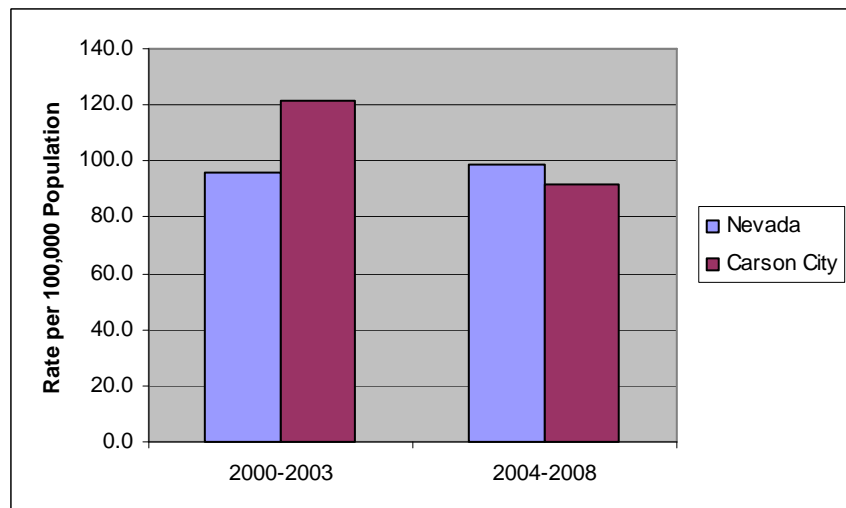
**Healthy People 2010 Objective (16-3c.):** Reduce the rate of young adults deaths, aged 20 to 24 years.

**Healthy People 2020 Objective MICH HP2020-4.3:** Reduce the rate of young adults deaths, aged 20 to 24 years.

**Aggregated Death Rate of Young Adults Aged 20 to 24, Carson City and Nevada, 2000 - 2003 and 2004 - 2008.\***

The young adult mortality rate, aged 20 to 24 years, declined in Carson City from 2000-2008.

Both the city and the state rates were more than double that of the Healthy People 2010 target rate of 41.5 per 100,000 population.



\*The Nevada data are from Nevada Vital Statistics Records.  
Note: 2007 and 2008 data are not final and are subject to change.

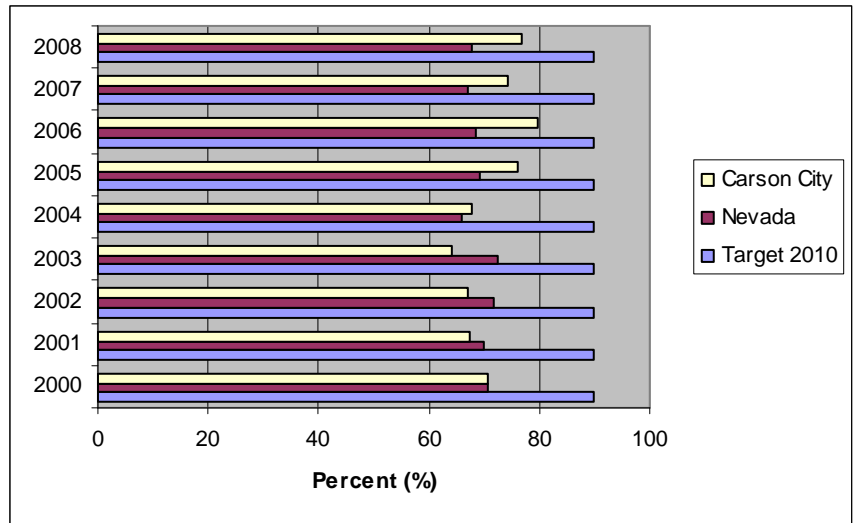
**Healthy People 2010 Objective (16-6b.):** Increase the proportion of pregnant women receiving early and adequate prenatal care.

**Healthy People 2020 Objective MICH HP2020-10:** Increase the proportion of women receiving early and adequate prenatal care.

**Proportion of Pregnant Women Receiving Early and Adequate Prenatal Care, Carson City and Nevada, 2000 - 2008.\***

The percentage of pregnant women receiving prenatal care in the first trimester of pregnancy fluctuated over the years 2000—2008.

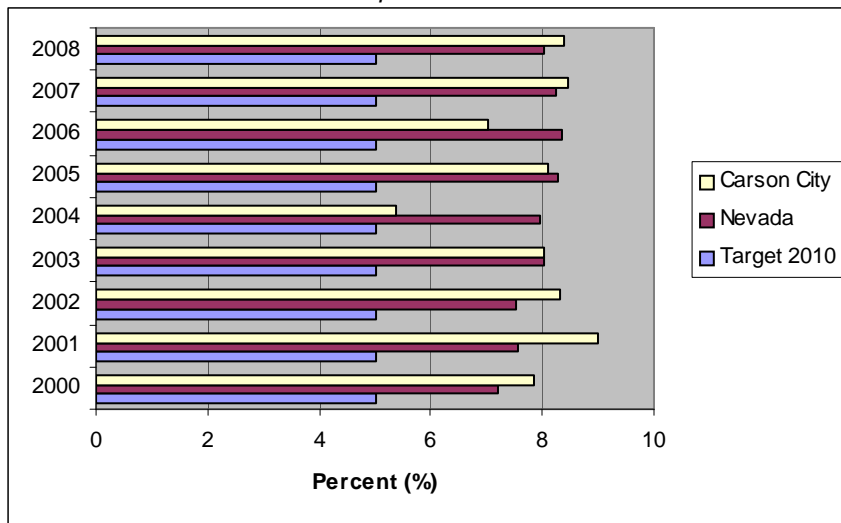
The Healthy People 2010 objective of 90 percent was not reached.



**Healthy People 2010 Objective (16-10a.):** Reduce the proportion of low birth weight infants.

**Healthy People 2020 Objective MICH HP2020-8.1:** Reduce the proportion of low birth weight infants.

**Proportion of Low Birth Weight Infants, Carson City and Nevada, 2000 - 2008.\***



The percentage of low birth weight infants fluctuated for both Carson City and Nevada from 2000-2008.

Neither the state nor the city have met the Healthy People 2010 goal of 5 percent.

\*The Nevada data are from Nevada Vital Statistics Records.  
Note: 2008 data are not final and are subject to change.

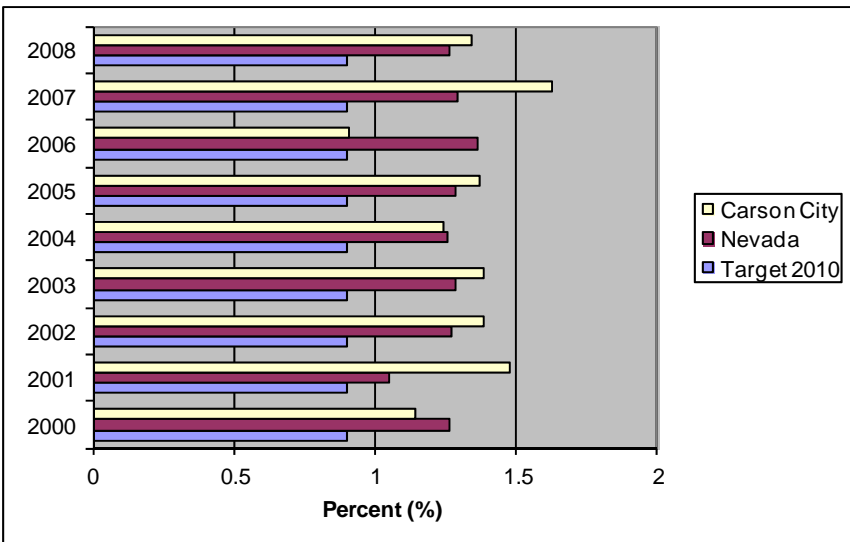
**Healthy People 2010 Objective (16-10b.):** Reduce the proportion of very low birth weight infants.

**Healthy People 2020 Objective MICH HP2020-8.2:** Reduce the proportion of very low birth weight infants.

**Proportion of Very Low Birth Weight Infants, Carson City and Nevada, 2000 - 2008.\***

The percentage of very low birth weight infants fluctuated for the state and Carson City from 2000-2008.

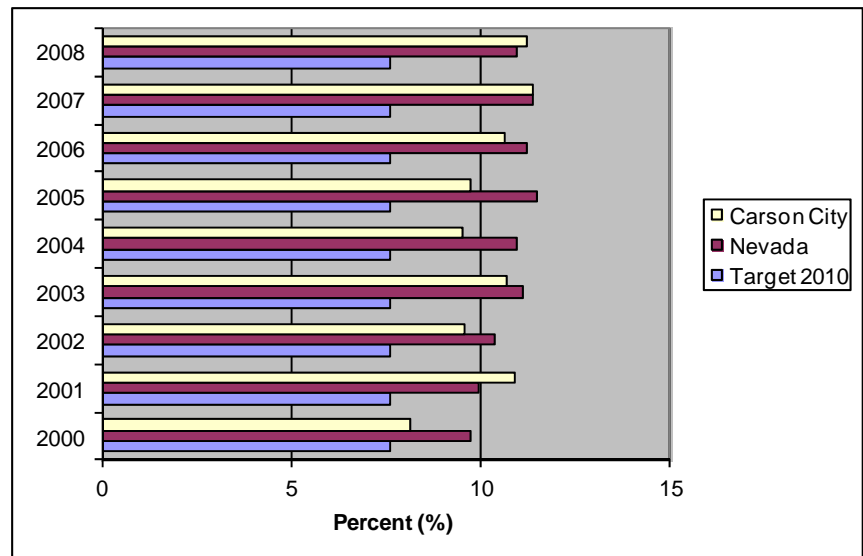
The Healthy People 2010 target of .9 of a percent was not met.



**Healthy People 2010 Objective (16-11a.):** Reduce preterm birth, infants born prior to 37 completed weeks of gestation.

**Healthy People 2020 Objective MICH HP2020-9.1:** Reduce total preterm births.

**Proportion of Pre-Term Births, Infants Born Prior to 37 Completed Weeks of Gestation, Carson City and Nevada, 2000 - 2008.\***



From 2000-2008, the percentage of pre-term births, infants born prior to 37 completed weeks of gestation, increased for both Nevada and Carson City.

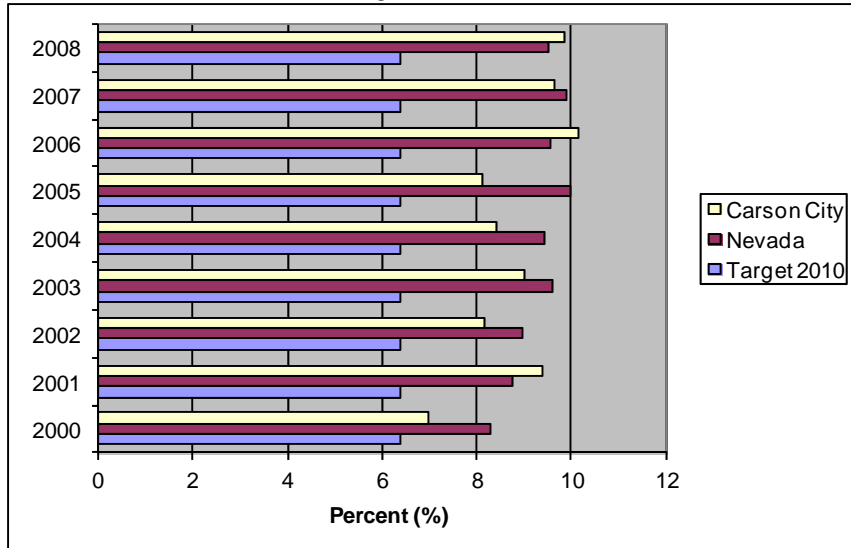
The Healthy People 2010 goal of 7.6 per cent was not met.

\* The Nevada data are from Nevada Vital Statistics Records.  
 Note: 2008 data are not final and are subject to change.

**Healthy People 2010 Objective (16-11b.):** Reduce the proportion of live births at 32 to 36 completed weeks of gestation.

**Healthy People 2020 Objective MICH HP2020-9.2:** Reduce the proportion of live births at 34 to 36 completed weeks of gestation.

**Proportion of Live Births at 32 to 36 Completed Weeks of Gestation, Carson City and Nevada, 2000 - 2008.\***



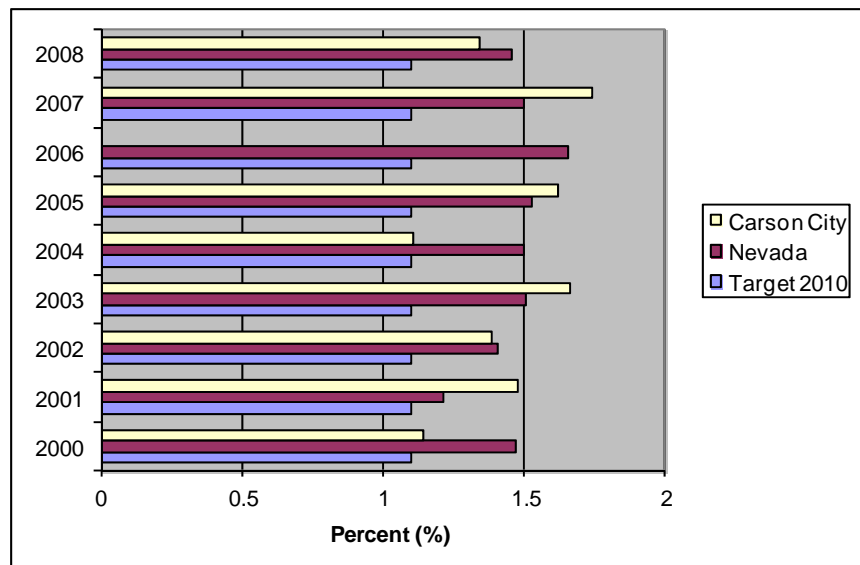
The percentage of live births at 32 to 36 completed weeks of gestation, has fluctuated this decade for both Carson City and the state.

The Healthy People 2010 target has not been reached.

**Healthy People 2010 Objective (16-11c.):** Reduce the proportion of live births at less than 32 completed weeks of gestation.

**Healthy People 2020 Objective MICH HP2020-9.4:** Reduce the proportion of very preterm or live births at less than 32 completed weeks of gestation.

**Proportion of Live Births at Less Than 32 Completed Weeks of Gestation, Carson City and Nevada, 2000 - 2008.\***



The percentage of live births at less than 32 completed weeks of gestation, for Nevada and Carson City has fluctuated.

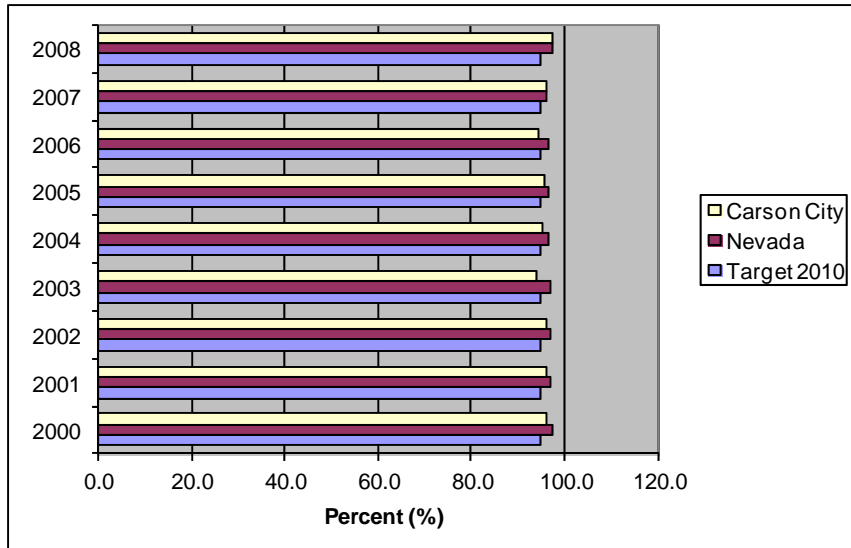
The Healthy People 2010 goal has not been met.

\*The Nevada data are from Nevada Vital Statistics Records.  
Note: 2008 data are not final and are subject to change.

**Healthy People 2010 Objective (16-17a.):** Increase the proportion of pregnant women abstaining from alcohol.

**Healthy People 2020 Objective MICH HP2020-11.1:** Increase abstinence from alcohol among pregnant women.

**Proportion of Pregnant Women, Aged 15 to 44, Abstaining from Alcohol, Carson City and Nevada, 2000 - 2008.\***



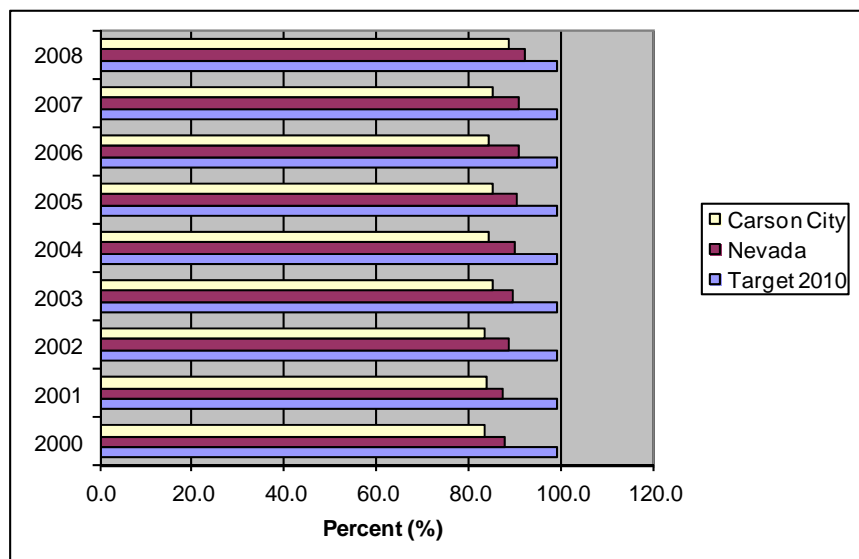
Since the year 2000, the percentage of pregnant women abstaining from alcohol has consistently exceeded the Healthy People 2010 target for both Nevada and Carson City.

**Healthy People 2010 Objective (16-17c.):** Increase the proportion of pregnant women, aged 15-44 years, abstaining from cigarette smoking.

**Healthy People 2020 Objective MICH HP2020-11.3:** Increase abstinence from cigarettes among pregnant women.

**Proportion of Pregnant Women Abstaining from Tobacco, Carson City and Nevada, 2000 - 2008.\***

The percentage of pregnant women abstaining from tobacco has averaged higher for the state than for Carson City this decade. The Healthy People objective has not been met.



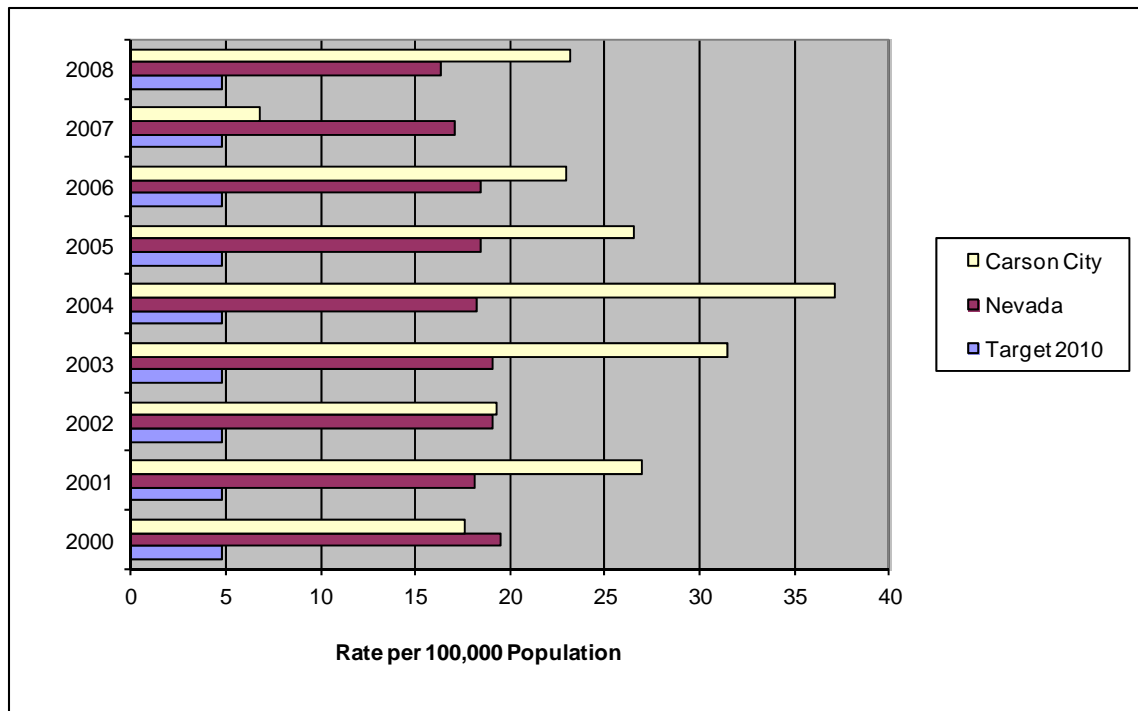
\*The Nevada data are from Nevada Vital Statistics Records.  
Note: 2008 data are not final and are subject to change.

# Mental Health and Mental Disorders

Healthy People 2010 Objective (18-1.): Reduce the suicide rate.

Healthy People 2020 Objective MHMD HP2020-1: Reduce the suicide rate.

Age-Adjusted Suicide Death Rate, Carson City and Nevada, 2000 - 2008.\*



Neither the state, nor Carson City, met the Healthy People 2010 target rate of 4.8 per 100,000 population for suicide mortality from 2000-2008. The state rate has declined since 2005, while Carson City's rate has fluctuated.

\*These rates are age-adjusted to the 2000 U.S. standard population. The Nevada data are from Nevada Vital Statistics Records (NVSR).

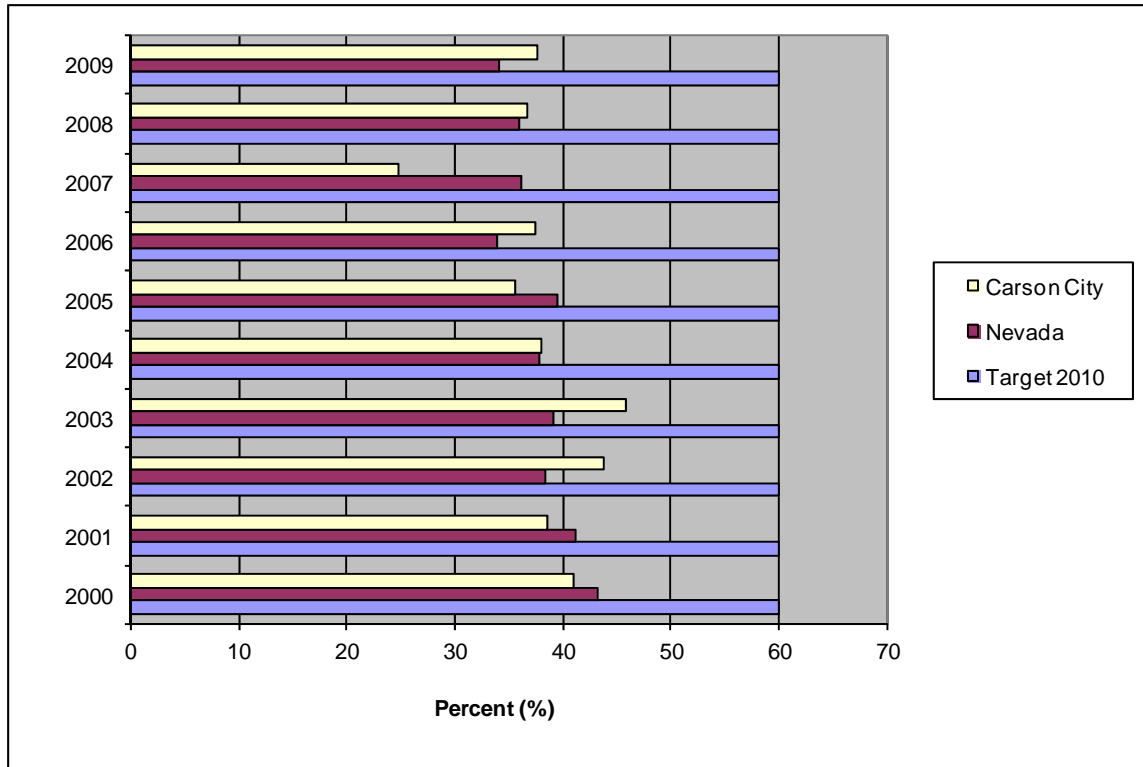
Note: 2007 and 2008 data are not final and are subject to change.

# Nutrition and Weight Status

**Healthy People 2010 Objective (19-1):** Increase the proportion of adults who are at a healthy weight.

**Healthy People 2010 Objective NWS HP2020-8:** Increase the proportion of adults who are at a healthy weight.

**Proportion of Adults Who Are At a Healthy Weight, Carson City and Nevada, BRFSS Data, 2000 - 2009\* .**



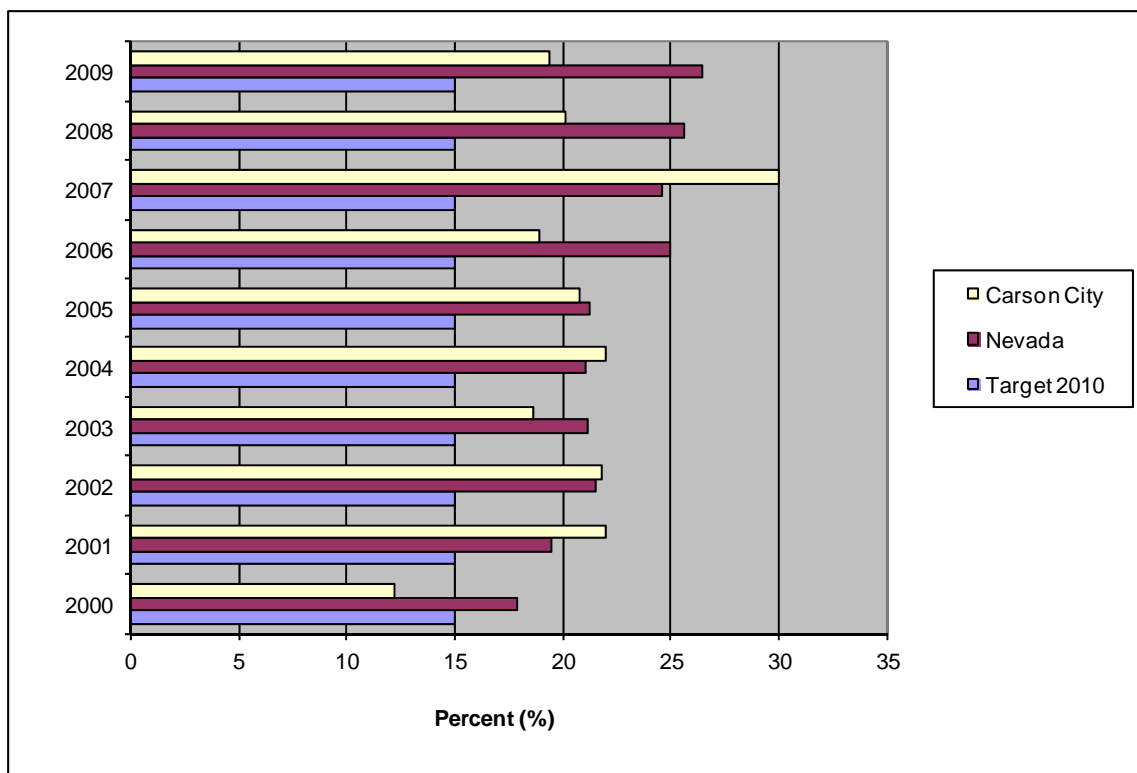
In 2009, approximately one in three people were at a healthy weight in the state and Carson City. Neither Nevada nor Carson City met the Healthy People 2010 target of 60 percent during the study years 2000-2009.

\*These percentages are weighted to survey population characteristics. Not all counties were included in the survey results. Note: Body weight estimates from self-reported heights and weights tend to be lower than those from measured height and weight.

**Healthy People 2010 Objective (19-2):** Reduce the proportion of adults who are obese.

**Healthy People 2020 Objective NWS HP2020-9:** Reduce the proportion of adults who are obese.

**Proportion of Adults Who Are Obese, Carson City and Nevada, BRFSS Data, 2000 - 2009\* .**



In the year 2000, Carson City was on target for the Healthy People 2010 objective of 15 percent to reduce the proportion of adults who are obese. However, for the following nine years the city failed to meet the target. The state has not met this target this decade. The rates have worsened for the state, but have declined for Carson City since 2007.

\*These percentages are weighted to survey population characteristics. Not all counties were included in the survey results. Note: Body weight estimates from self-reported heights and weights tend to be lower than those from measured height and weight.

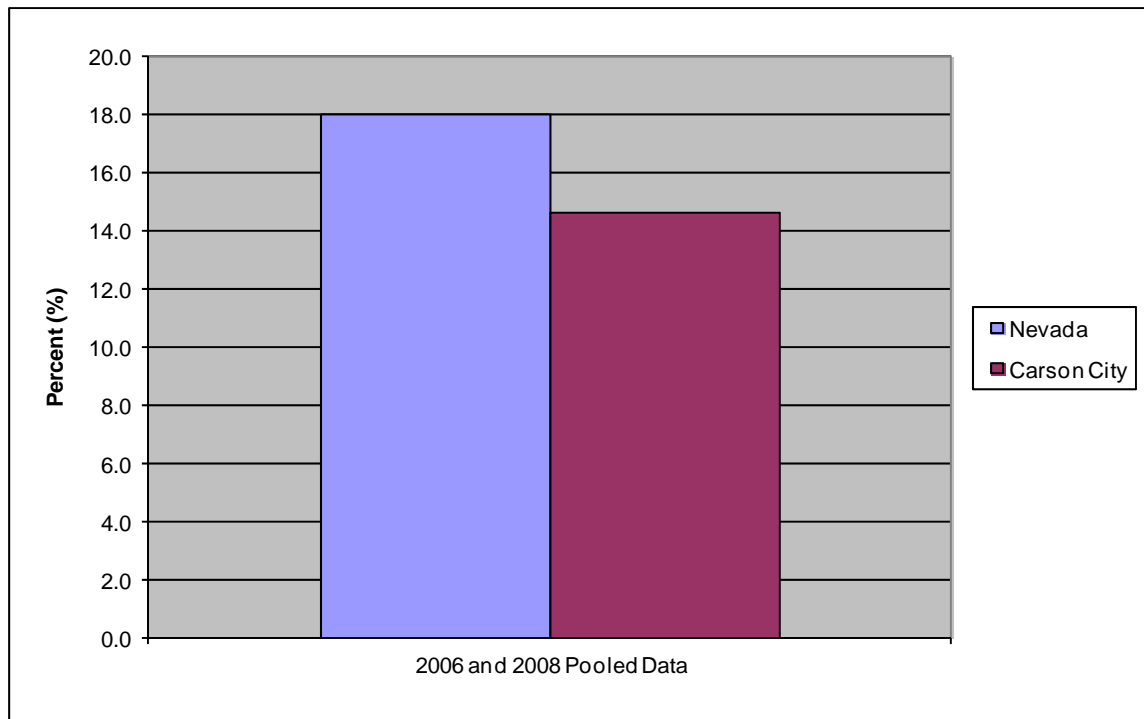


# Oral Health

**Healthy People 2010 Objective (21-4.):** Reduce the proportion of older adults, aged 65 years and older, reporting having all their natural teeth extracted.

**Healthy People 2020 Objective OH HP2020-4.2:** Reduce the proportion of older adults who have lost all their natural teeth (aged 65 to 74 years).

**Aggregated Proportion of Older Adults Aged 65 Years and Older Reporting Having All of Their Natural Teeth Extracted, Carson City and Nevada, BRFSS Data, 2006 and 2008.\***



During the reported years 2006 and 2008, Carson City had an aggregate rate slightly lower than the state for the percentage of older adults, aged 65 years and older, reporting having all of their natural teeth extracted per the Behavioral Risk Factor Surveillance Survey (BRFSS). Both the state and Carson City met the Healthy People goal of 22 percent.

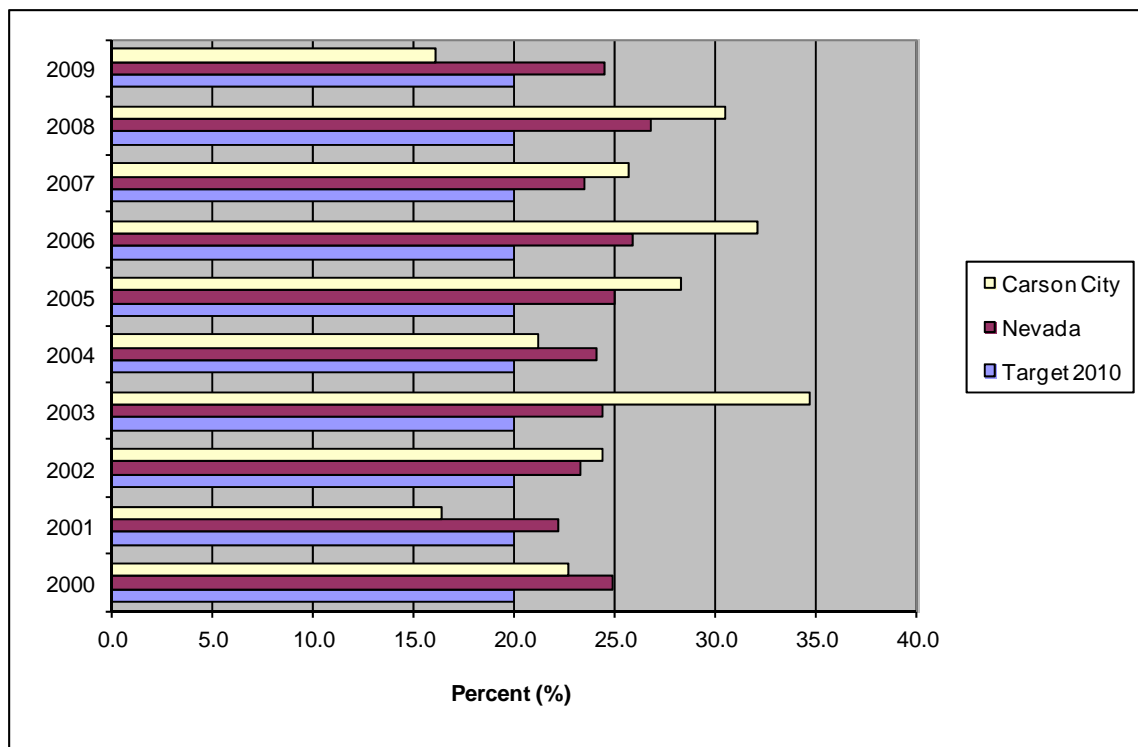
\*These percentages are weighted to survey population characteristics. Not all counties were included in the survey results.

# Physical Activity and Fitness

**Healthy People 2010 Objective (22-1.):** Reduce the proportion of adults who engage in no leisure-time physical activity.

**Healthy People 2020 Objective PA HP2020-1:** Reduce the proportion of adults who engage in no leisure-time physical activity.

**Proportion of Adults Who Engage in No Leisure Time Physical Activity, Carson City and Nevada, BRFSS Data, 2000 - 2009.\***



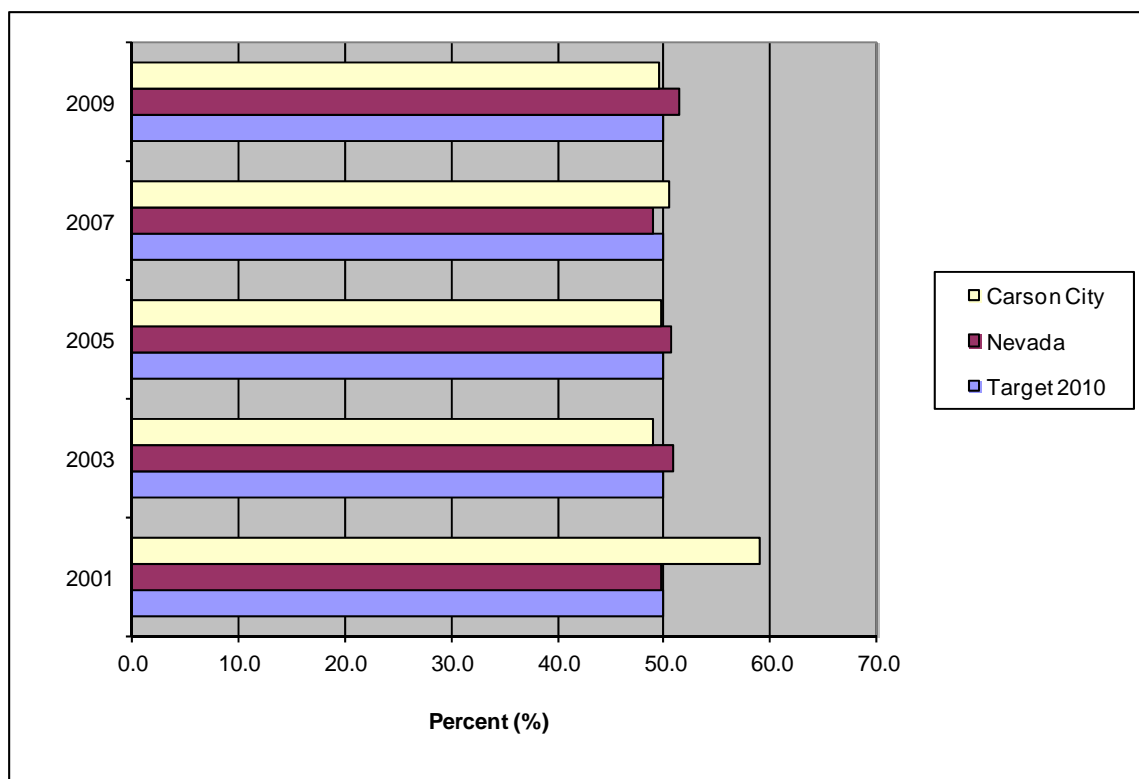
The rate for the number of adults who engage in no leisure time physical activity fluctuated for both the state and Carson City. In 2001, and again in 2009, Carson City met the Healthy People 2010 target of 20 percent. The state did not meet the target for any of the study years.

\*These percentages are weighted to survey population characteristics. Not all counties were included in the survey results.

**Healthy People 2010 Objective (22-2.):** Increase the proportion of adults who engage regularly, preferably daily, in moderate physical activity for at least 30 minutes per day.

**Healthy People 2020 Objective PA HP2020-2.1:** Increase the proportion of adults who engage in aerobic physical activity of at least moderate intensity for at least 150 minutes/week or 75 minutes/week of vigorous intensity or an equivalent combination.

**Proportion of Adults Who Engage in Aerobic Physical Activity of At Least Moderate Intensity for At Least 150 Minutes per Week or of Vigorous Intensity for At Least 75 Minutes per Week or an Equivalent Combination, Carson City and Nevada, BRFSS Data, 2001, 2003, 2005, 2007, 2009.\***



The percentage of adults who engage in aerobic physical activity of at least moderate intensity for at least 150 minutes per week fluctuated slightly for both the state and Carson City since 2003. Carson City met the Healthy People 2010 target of 50 percent in 2009.

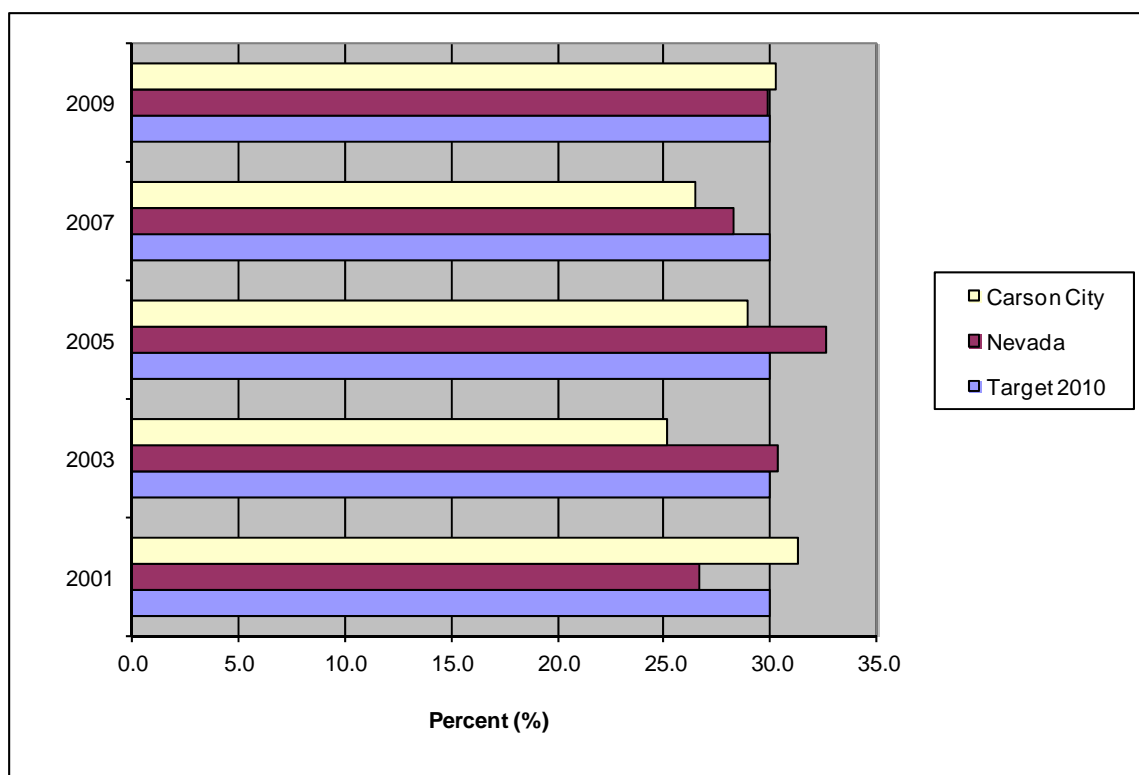
Carson City and Nevada remained pretty consistent with the Healthy People 2010 target for each Behavioral Risk Factor Surveillance System (BRFSS) reporting year.

\*These percentages are weighted to survey population characteristics. Not all counties were included in the survey results.

**Healthy People 2010 Objective (22-3.):** Increase the proportion of adults who engage in vigorous physical activity promoting the development and maintenance of cardio-respiratory fitness for 20 or more minutes per day 3 or more days per week.

**Healthy People 2020 Objective PA HP2020-2.2:** Increase the proportion of adults who engage in aerobic physical activity of at least moderate intensity for more than 300 minutes/week or more than 150 minutes/week of vigorous intensity or an equivalent combination.

**Proportion of Adults Who Engage in Aerobic Physical Activity of At Least Moderate Intensity for More Than 300 Minutes per Week or More Than 150 Minutes per Week of Vigorous Intensity or An Equivalent Combination, Carson City and Nevada, BRFSS Data, 2001, 2003, 2005, 2007, 2009.\***



The percentage of adults who engage in aerobic physical activity of at least moderate intensity for more than 300 minutes per week or more than 150 minutes per week of vigorous intensity fluctuated over the reporting years. For the most recent reported year, 2009, both the state and the city were just at the Healthy People 2010 Target of 30 percent.

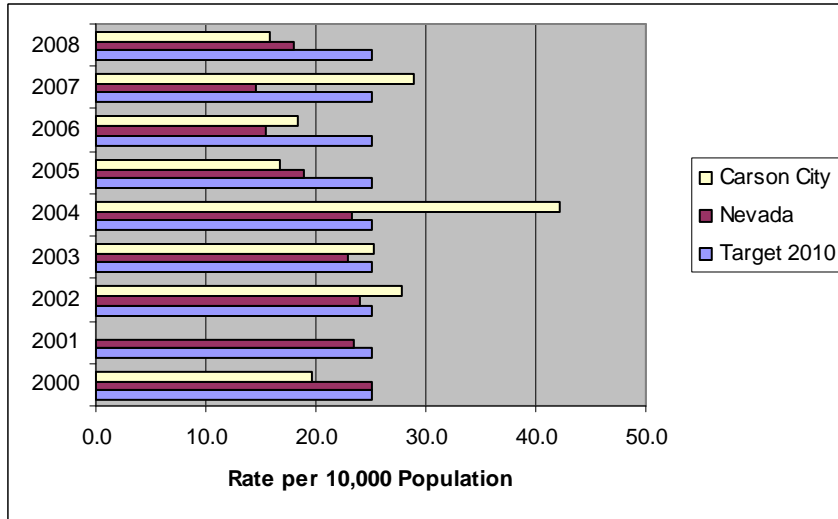
\*These percentages are weighted to survey population characteristics. Not all counties were included in the survey results.

# Respiratory Diseases

**Healthy People 2010 Objective (24-2a.):** Reduce hospitalizations for asthma in children under age 5 years.

**Healthy People 2020 Objective RD HP2020-2.1:** Reduce hospitalizations for asthma in children under age 5 years.

**Hospitalizations for Asthma in Children Under Age 5 Years, Carson City and Nevada, 2000 - 2008.\***



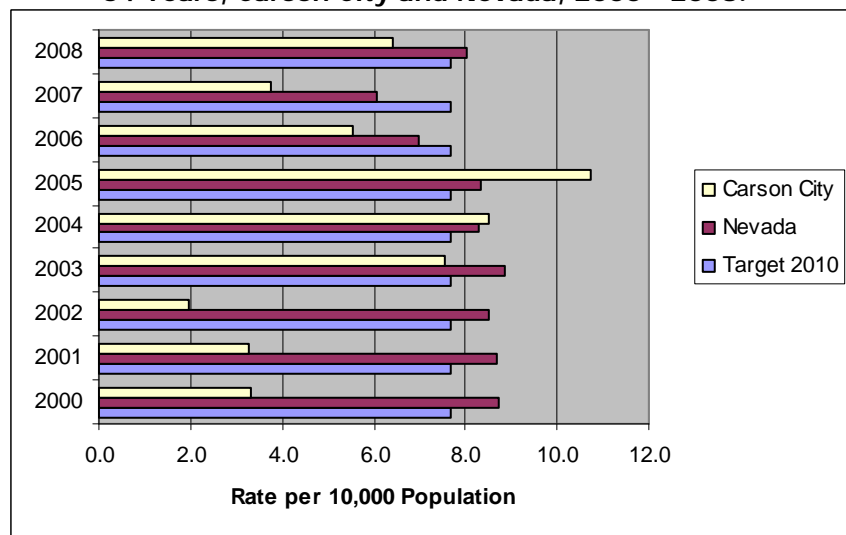
The hospitalization rate for asthma in children, less than five years of age, fluctuated in Carson City. While the state rate declined from 2000-2008.

Both the state and Carson City met the Healthy People 2010 target rate of 25.0 per 10,000 population in 2008. Nevada consistently met this target from 2000-2008.

**Healthy People 2010 Objective (24-2b.):** Reduce hospitalizations for asthma in children and adults, aged 5 to 64 years.

**Healthy People 2020 Objective RD HP2020-2.2:** Reduce hospitalizations for asthma in children and adults, aged 5 to 64 years.

**Hospitalizations for Asthma in Children and Adults Aged 5 to 64 Years, Carson City and Nevada, 2000 - 2008.\***



The hospitalization rate in children and adults, aged 5 to 64 years, fluctuated this decade for both the state and Carson City.

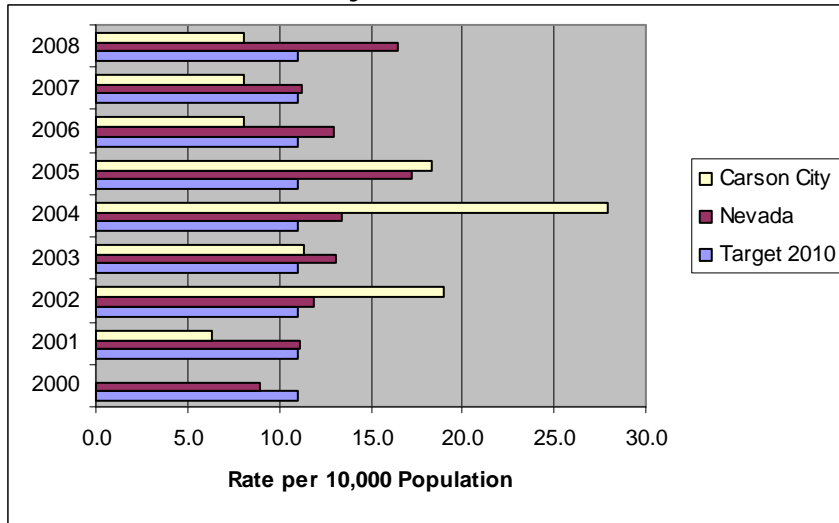
Carson City has met the Healthy People 2010 target rate of 7.7 per 10,000 population since 2006.

\*The Nevada data are from Nevada Inpatient Hospital Discharge Database (NIHDD).

**Healthy People 2010 Objective (24-2c.):** Reduce hospitalizations for asthma in adults, aged 65 years and older.

**Healthy People 2020 Objective RD HP2020-2.3:** Reduce hospitalizations for asthma in adults, aged 65 years and older.

**Hospitalizations for Asthma in Adults Aged 65 Years and Older, Carson City and Nevada, 2000 - 2008.\***



The rate of hospitalizations for asthma in adults, aged 65 years and older, fluctuated for the state, while Carson City held a steady rate from 2006-2008.

Carson City met the Healthy People 2010 target rate of 11.0 per 10,000 population from 2006-2008.

\*The Nevada data are from Nevada Inpatient Hospital Discharge Database (NIHDD).

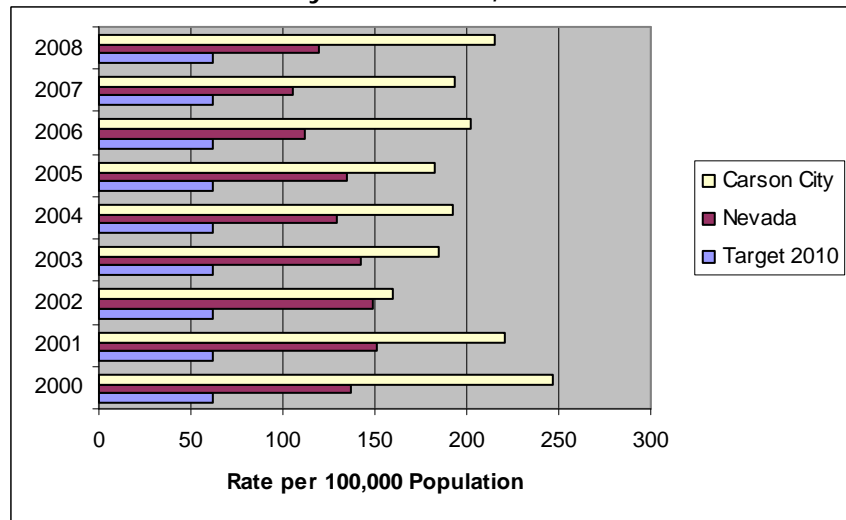
**Healthy People 2010 Objective (24-10.):** Reduce deaths from chronic obstructive pulmonary disease among adults.

**Healthy People 2020 Objective RD HP2020-10:** Reduce deaths from chronic obstructive pulmonary disease among adults.

**Age-Adjusted Chronic Obstructive Pulmonary Disease Deaths, Carson City and Nevada, 2000 - 2008.\***

The mortality rate for chronic obstructive pulmonary disease (COPD) increased for Carson City from 2002-2008.

Neither the state, nor Carson City have met the Healthy People 2010 target rate of 62.3 per 100,000 in any study year.



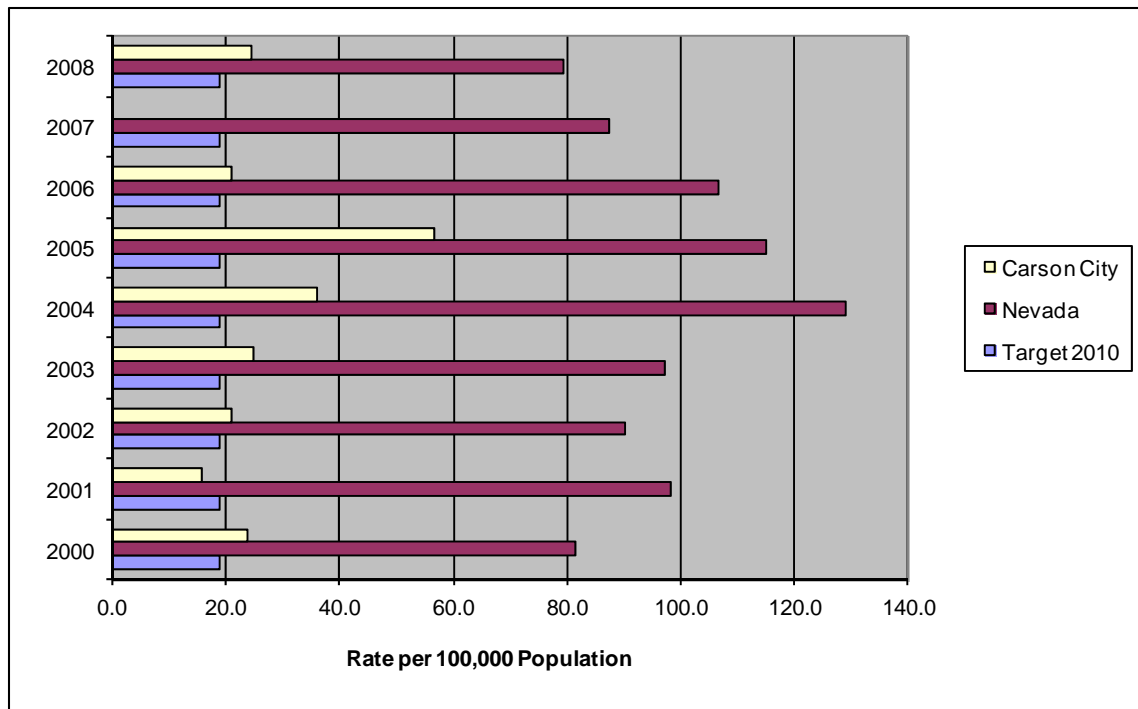
\*These rates are age-adjusted to the 2000 U.S. standard population. The Nevada data are from Nevada Vital Statistics Records. Note: 2007 and 2008 data are not final and are subject to change.

# Sexually Transmitted Diseases

Healthy People 2010 Objective (25-2a.): Reduce gonorrhea rates.

Healthy People 2020 Objective STD HP2020-6: Reduce gonorrhea rates.

Rate of Gonorrhea, Carson City and Nevada, 2000 - 2008.\*



The state's rate for the number of cases of Gonorrhea spiked in 2004. The Carson City rate reached its apex in 2005. Since their rate highs, both the state and city rates declined sharply. Neither Nevada, nor Carson City, met the Healthy People 2010 target rate of 19.0 per 100,000 population, since the city did it in the year 2001.

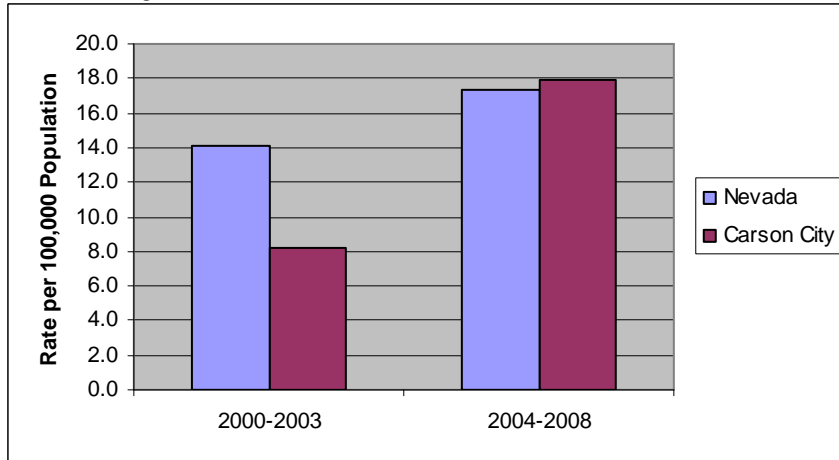
\* Nevada data are provided by the STD-MIS database.

# Substance Abuse

**Healthy People 2010 Objective (26-3):** Reduce drug-induced deaths.

**Healthy People 2020 Objective SA HP2020-12:** Reduce drug induced deaths.

**Aggregated Age-Adjusted Drug-Induced Death Rate, Carson City and Nevada 2000 - 2003 and 2004 - 2008.\***



Drug-induced deaths climbed for both the state and Carson City from 2000-2008. Both rates were much higher than the Healthy People target rate of 1.2 per 100,000 population.

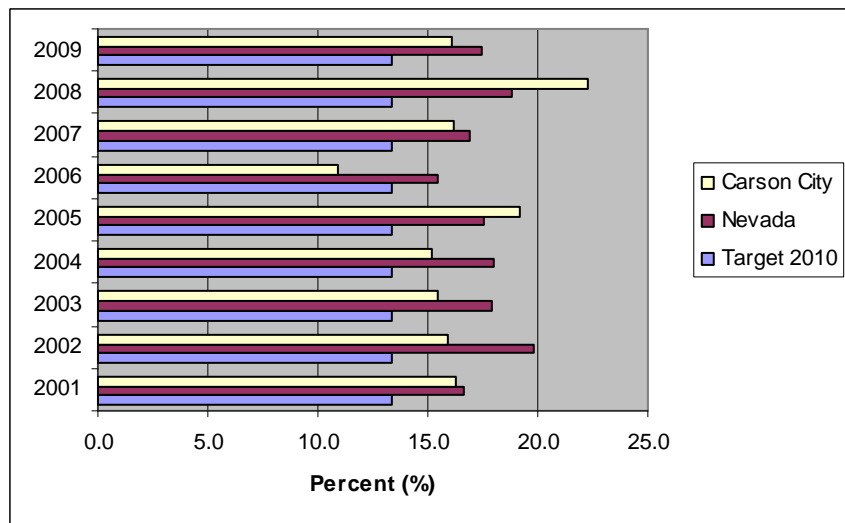
\*These rates are age-adjusted to the 2000 U.S. standard population. The Nevada data are from Nevada Vital Statistics Records. Note: 2007 and 2008 data are not final and are subject to change.

**Healthy People 2010 Objective (26-11c.):** Reduce the proportion of adults, aged 18 years and older, engaging in binge drinking of alcohol.

**Healthy People 2020 Objective SA HP2020-14.3:** Reduce the proportion of adults, aged 18 years and older, engaging in binge drinking of alcohol.

**Proportion of Adults Aged 18 Years and Older Engaging in Binge Drinking Alcohol, Carson City and Nevada, BRFSS Data, 2000 - 2009.\***

Adult binge drinking fluctuated for both the state and Carson City from 2000-2009. In 2006, Carson City met the Healthy People 2010 Goal of 13.4 percent, but the city has not met the target since.



\*These percentages are weighted to survey population characteristics. Not all counties were included in the survey results.

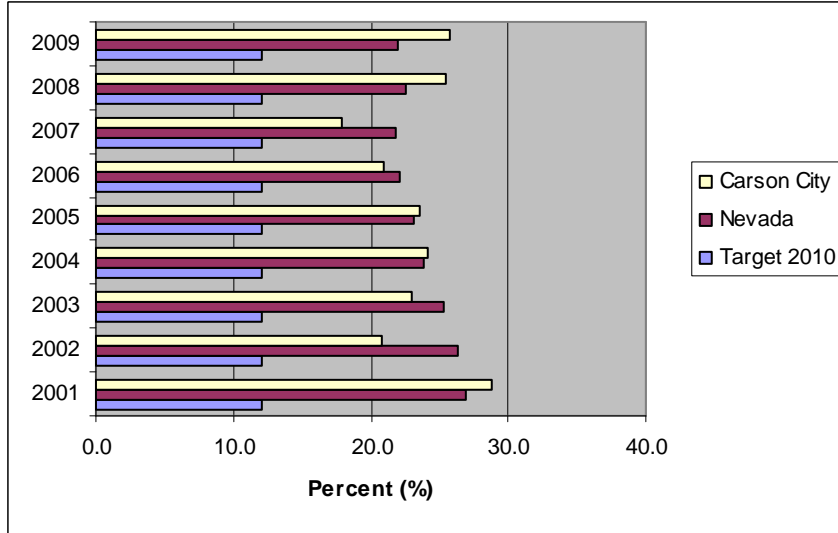


# Tobacco Use

**Healthy People 2010 Objective (27-1a.):** Reduce cigarette smoking by adults.

**Healthy People 2020 Objective TU HP2020-1.1:** Reduce tobacco use by adults – cigarette smoking.

**Proportion of Cigarette Smoking Adults, Carson City and Nevada, BRFSS Data, 2000 - 2009.\***



The percentage of cigarette smoking by adults fluctuated for Carson City. The state rate has declined from 2001-2009.

Neither the state, nor Carson City, met the Healthy People 2010 objective of 12 percent in any of the study years.

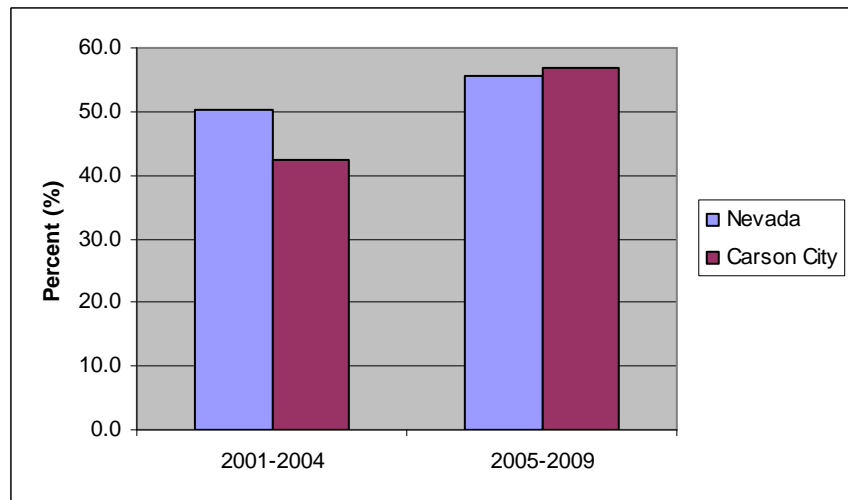
**Healthy People 2010 Objective (27-5.):** Increase smoking cessation attempts by adult smokers.

**Healthy People 2020 Objective TU HP2020-4.1:** Increase smoking cessation attempts by adult smokers.

**Aggregated Proportion of Adults Reporting Smoking Cessation Attempts in the Past Year, Carson City and Nevada, BRFSS Data, 2001 - 2004 and 2005 - 2009.\***

Nevada and Carson City both saw an increase from 2001-2009 in the rate of the percentage of adults reporting smoking cessation attempts in the past year.

However, neither met the Healthy People 2010 goal of 80 percent.



\*These percentages are weighted to survey population characteristics. Not all counties were included in the survey results.

## Healthy People 2010: Carson County Indicator Exemptions

The following Healthy People 2010 objectives were not reported in the Carson County Report due to a lack of available data:

- Adolescent Health (AH):
  - AH HP2020-1c: Increase the percentage of students whose reading skills are at or above the proficient achievement level for their grade.
  - AH HP2020-1d: Increase the percentage of students whose mathematical skills are at or above the proficient achievement level for their grade.
- Early and Middle Childhood (EMC):
  - EMC HP2020-3: Increase the proportion of elementary, middle, and senior high schools that require school health education.
- Family Planning (FP):
  - FP HP2020-9c: Increase the proportion of female adolescents aged 15 years who have never had sexual intercourse.
  - FP HP2020-9d: Increase the proportion of male adolescents aged 15 who have never had sexual intercourse.
  - FP HP2020-10e: The proportion of sexually active females aged 15 to 19 who used a condom at last intercourse.
  - FP HP2020-10f: The proportion of sexually active males aged 15 to 19 who used a condom at last intercourse.
- Immunizations and Infectious Diseases (IID):
  - IID HP2020-18: Percentage of children aged 19 to 35 months who receive recommended vaccines.
  - IID HP2020-20: Increase the percentage of children aged 19 to 35 months who receive the recommended vaccines.
- Injury and Violence Prevention (IVP):
  - IVP HP2020-13: Reduce physical fighting among adolescents.
  - IVP HP2020-14: Reduce weapon carrying by adolescents on school property.
- Mental Health and Mental Disorders (MHMD):
  - MHMD HP2020-2: Proportion of adolescents, grades 9 through 12, reporting suicide attempts in the past 12 months.
- Nutrition and Weight Status (NWS):
  - NWS HP2020-5c: Reduce the proportion of adolescents, aged 12 to 19 years, who are overweight or obese.
- Occupational Safety and Health (OSH):
  - OSH HP2020-7a: Work-related injury death rate, aged 16 years and older.
- Oral Health (OH):
  - OH HP2020-6a: Proportion of children aged 3 to 5 years with dental caries in primary and permanent teeth.

- OH HP2020-7a: Proportion of children aged 3 to 5 years with untreated dental decay.
- OH HP2020-10b: Increase the proportion of children aged 8 years and older who have received dental sealants in their molar teeth.
- Physical Activity and Fitness (PAF):
  - PAF HP2020-7: Increase the proportion of adolescents that meet the current physical activity guidelines for aerobic physical activity and for muscle-strengthening activity.
- Sexually Transmitted Diseases (STD):
  - STD HP2020-3a: Reduce the proportion of females, aged 15 to 24 years with Chlamydia trachomatis infections attending family planning clinics.
- Substance Abuse (SA):
  - SA HP2020-4: Percentage of adolescents who report they rode during the previous 30 days with a driver who had been drinking alcohol, grades 9 through 12.
  - SA HP2020-7d: Proportion of adolescents engaging in binge drinking of alcohol.
  - SA HP2020-9b: Proportion of adolescents in the 10<sup>th</sup> grade reporting steroid use.
  - SA HP2020-9c: Proportion of adolescents in the 12<sup>th</sup> grade reporting steroid use.
  - SA HP1010-10: Reduce the proportion of adolescents who use inhalants.
- Tobacco Use (TU):
  - TU HP2020-6b: Proportion of adolescents reporting cigarette use in the past month.
  - TU HP2020-6c: Proportion of adolescents reporting spit tobacco use in the past month.

The following Healthy People 2010 objectives were not reported in the Carson County Report due to a lack of available data, counts of 0:

- Maternal, Infant, Child Health (MICH):
  - MICH HP2020-15g: Reduce infant deaths related to birth defects (congenital heart defects).

The following Healthy People 2010 objectives were not reported in the Carson County Report due to a lack of available data, counts below 5 but greater than 0:

- Blood Disorders and Blood Safety (BDDBS):
  - BDDBS HP2020-2: Reduce hospitalizations for sickle cell disease among children aged 9 years and younger.
- Food Safety (FS):
  - FS HP2020-3c: Rate of reported cases of Listeriosis.
- Immunizations and Infectious Diseases (IID):

- IID HP2020-4: Crude rate of reported cases of Meningococcal disease.
  - IID HP2020-14: Reduce or eliminate cases of vaccine preventable diseases.
- Injury and Violence Prevention (IVP):
  - IVP HP2020-27: Death rate from drowning.
- Maternal, Infant, Child Health (MICH):
  - MICH HP2020-1a: Death rate of children aged 1 to 4 years.
  - MICH HP2020-1b: Death rate of children aged 5 to 9 years.
- Sexually Transmitted Diseases (STD):
  - STD HP2020-5: Reduce the rate of primary and secondary syphilis.