

# Lyon County

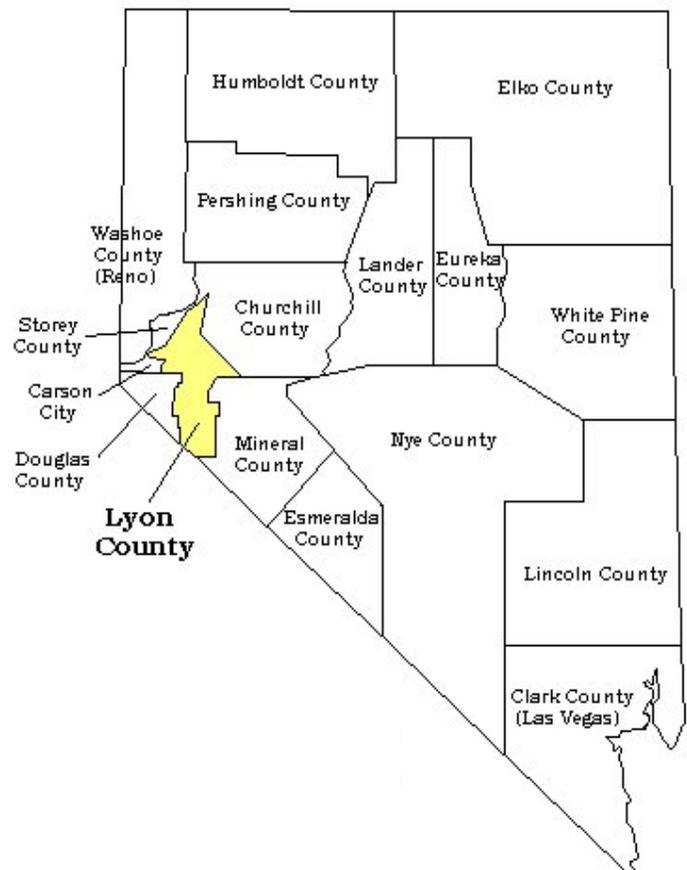


Population (2008)	55,820
Land Area (square miles)	1,994
Persons per square mile	28.0
Race/Ethnicity	
• White	83.8%
• Black	0.8%
• American Indian & Alaskan Native	2.6%
• Asian	1.0%
• Hispanic or Latino origin	11.9%
Median Household Income	\$49,981
Persons Below Poverty	10.0%

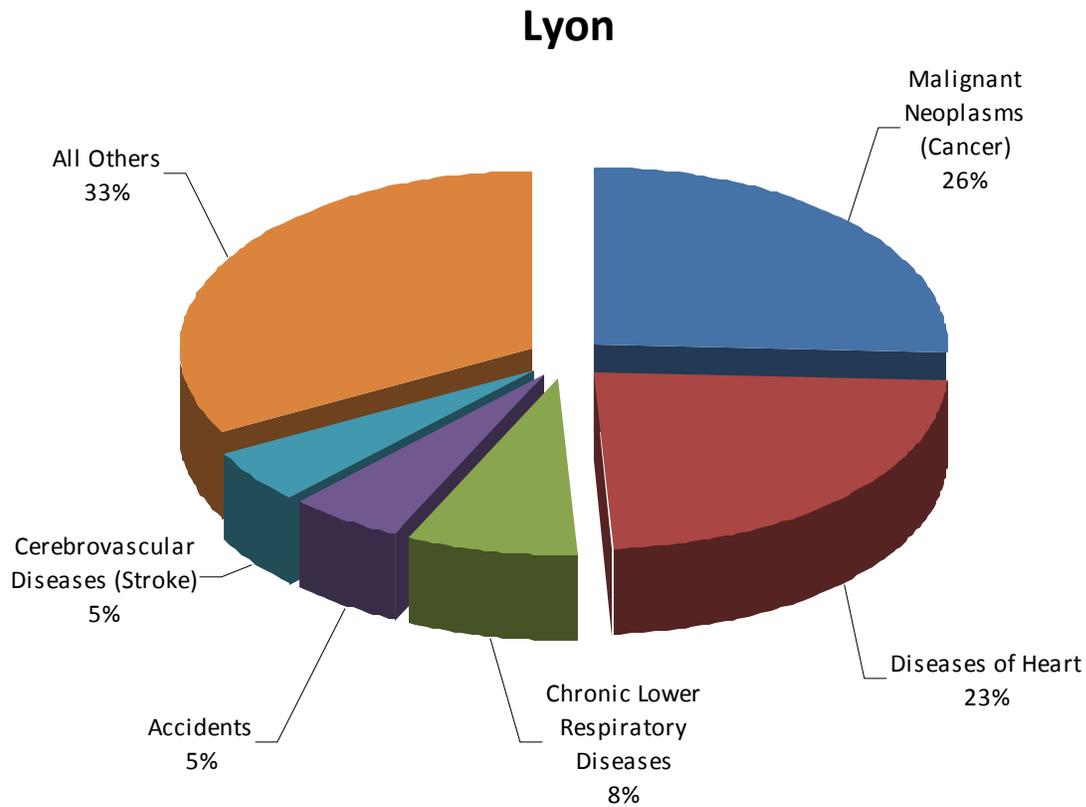
Population and race/ethnicity data are from the Nevada State Demographer; Income and poverty data are from the U.S. Census Bureau

## Healthy People Highlights:

- Since 2006, Lyon County has had a lower mortality rate for diabetes than the Healthy People 2010 target.
- Lyon County consistently reported a lower adolescent pregnancy rate among females, aged 15 to 17, than either the state or the Healthy People 2010 target.
- In Lyon County, the rate of adults with high cholesterol levels declined over the reported years 2000 to 2009.
- There was a sharp increase in the Lyon County adult, aged 18 years and older, alcohol binge drinking rate from 2007-2009.
- From 2000-2008 the suicide mortality rate fluctuated for Nevada and Lyon County. In 2000, the county rate was almost double that of the Nevada rate. The county's suicide rate dramatically increased again in 2004.
- The number of reported AIDS cases in Lyon County from 2000-2009, averaged less than one-fifth of the Nevada rate.
- Lyon County cancer screening rates are above the Healthy People 2010 targets.



# Leading Causes of Death



## 2000 - 2008 Pooled Data

The list of Lyon County's top five leading causes of death was led by malignant neoplasms—cancer (26%), closely followed by heart disease (23%). Chronic lower respiratory diseases (8%), accidents (5%), and cerebrovascular diseases—stroke (5%) rounded out the list. All other causes of death accounted for the remaining 33% of the county's mortality.

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

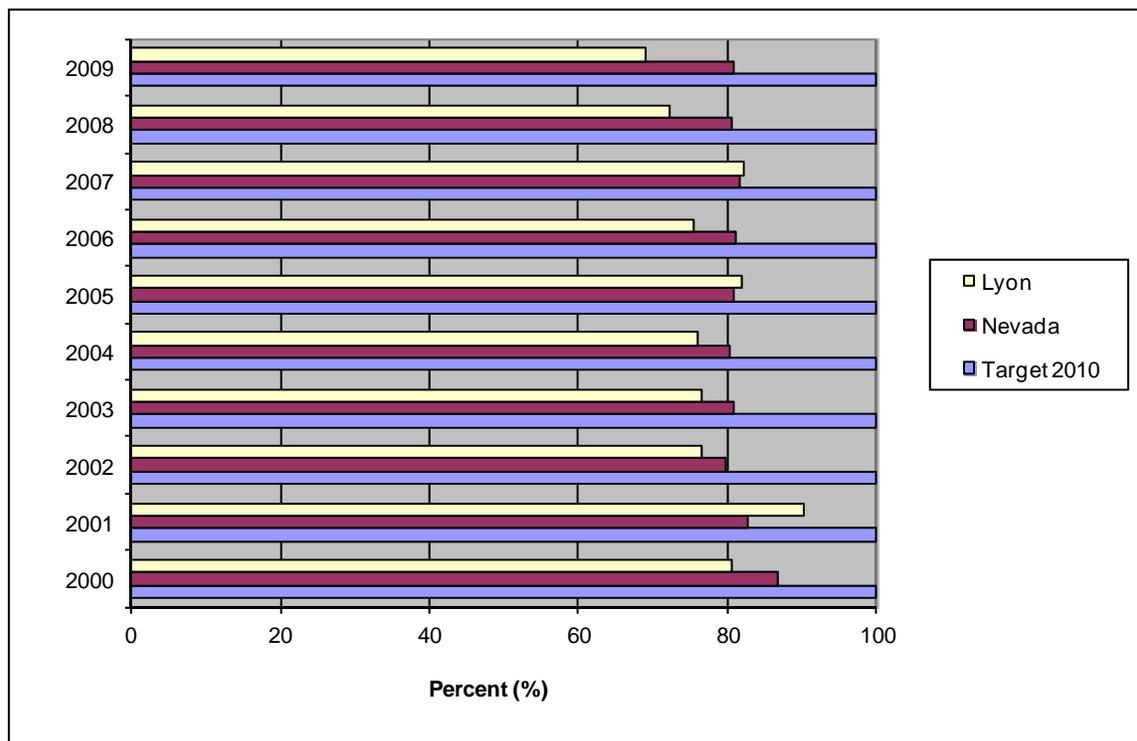
\*The data are from Nevada Vital Statistics Records.  
Note: 2007 and 2008 data are not final and are subject to change.

# 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, Lyon County and Nevada, BRFSS Data, 2000 - 2009.\***



According to Behavioral Risk Factor Surveillance System data, Lyon County's proportion of people with health insurance declined from 2007-2009. Neither the state nor Lyon County attained the Healthy People 2010 objective of 100 percent. The state trend has remained steady at approximately 80 percent from 2002-2009.

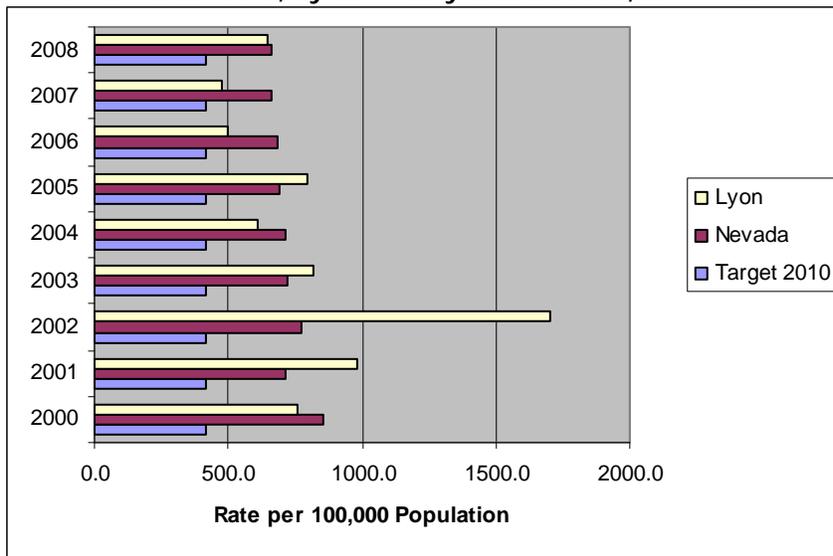
\*These percentages are weighted to survey population characteristics. Not all counties were included in the survey results.

# 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.

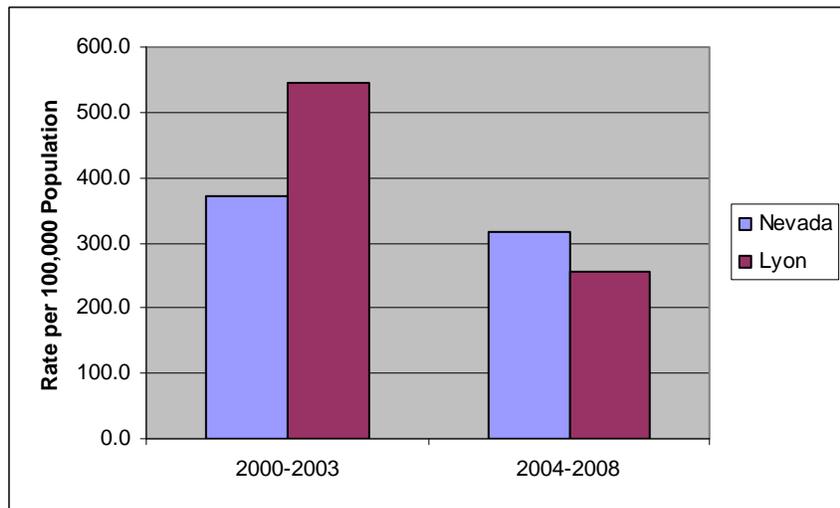
**Hospitalization Rate for Hip Fractures Among Females Aged 65 Years and Older, Lyon County and Nevada, 2000 - 2008.\***



Neither Lyon County, nor Nevada, reached the Healthy People 2010 target rate of 416 per 100,000 population for lowering the hospitalization rate for hip fractures among females, ages 65 years and older.

Both the county and the state rates did have a declining trend from 2000-2008.

**Aggregated Hospitalization Rate for Hip Fractures Among Males Aged 65 Years and Older, Lyon County and Nevada, 2000 - 2003 and 2004 - 2008.\***



Hospitalization rates for hip fractures among males, ages 65 and older, dropped for both Nevada and Lyon County over the years 2000 to 2008.

On average, both the county and the state were below the Healthy People 2010 target rate of 474 per 100,000 population from 2004-2008.

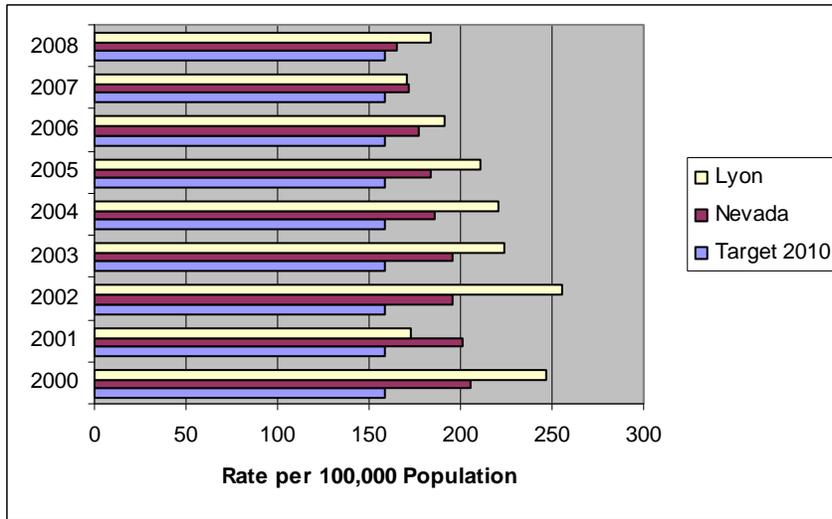
\*The Nevada data are from Nevada Inpatient Hospital Discharge (NIHDD).

# 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, Lyon County and Nevada, 2000 - 2008.\***



The cancer mortality rate declined for the state and fluctuated for Lyon County from 2000-2008.

The Healthy People 2010 target rate of 153.6 per 100,000 population was not met.

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

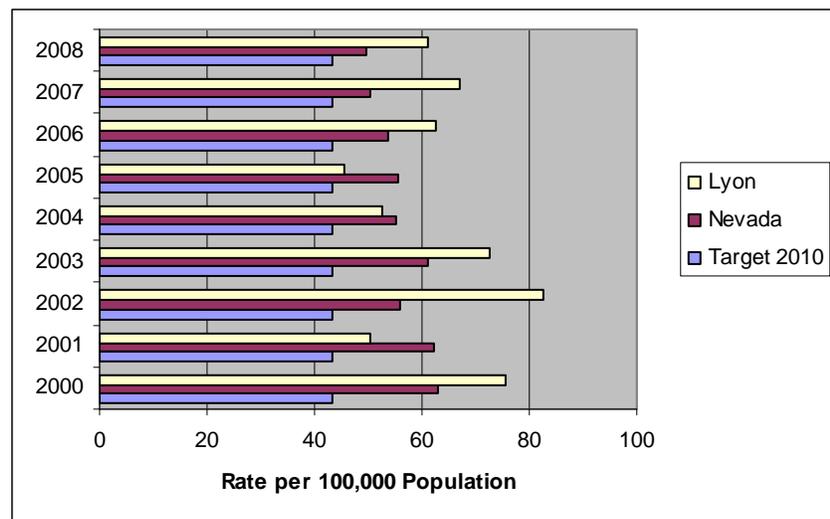
**Healthy People 2020 Objective C HP2020-2:** Reduce the lung cancer death rate.

**Age-Adjusted Lung Cancer Death Rate, Lyon County and Nevada, 2000 - 2008.\***

The lung cancer mortality rate fluctuated from 2000-2008 for Lyon County and Nevada.

From 2005-2008, the state rate decreased.

The Healthy People 2010 goal of 43.3 deaths per 100,000 population was not met by either Nevada nor the county.

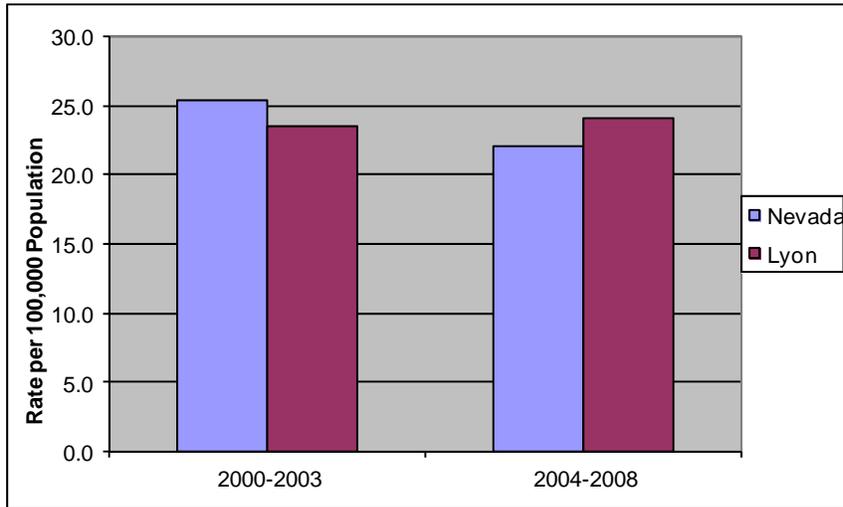


\*These rates are age-adjusted to the 2000 U.S. standard population. The Nevada data are from Nevada Vital Statistics Records. Note: 2007 and 2008 data are not final and are subject to change.

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

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

**Aggregated Age-Adjusted Female Breast Cancer Death Rate, Lyon County and Nevada, 2000 - 2003 and 2004 - 2008.\***



The rate of female breast cancer mortality rose for Lyon County during the years 2004—2008 and declined for Nevada over-all.

Neither the state nor the county met the Healthy People 2010 target rate of 21.3 deaths per 100,000 population.

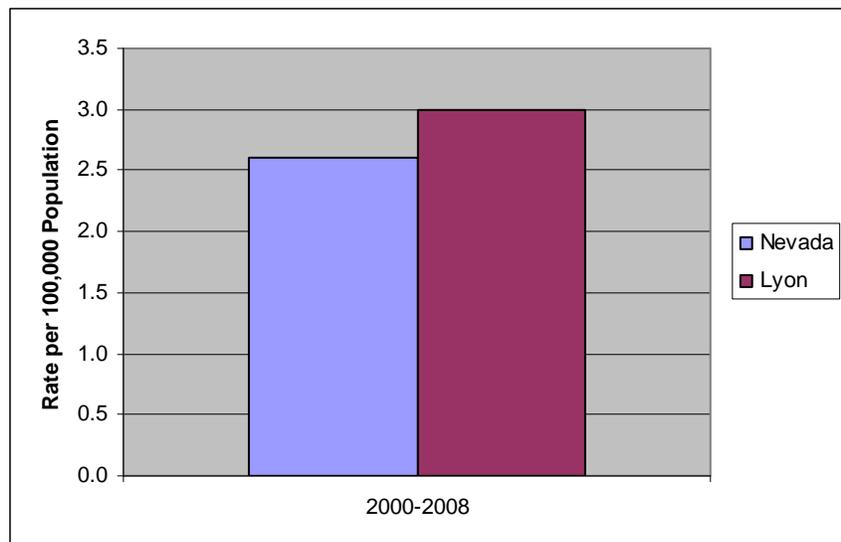
**Healthy People 2010 Objective (3-4):** Reduce deaths from cancer of the uterine cervix.

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

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

Lyon County reported a higher uterine cervix cancer mortality rate than the state for the years 2000—2008.

On aggregate, neither the state nor the county met the Healthy People 2010 target rate of 2.0 deaths per 100,000 population.

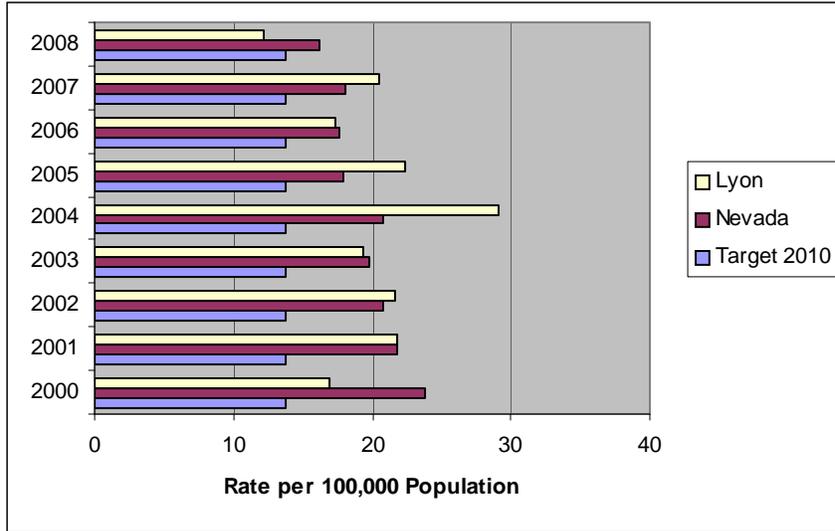


\*These rates are age-adjusted to the 2000 U.S. standard population. The Nevada data are from Nevada Vital Statistics Records. Note: 2007 and 2008 data are not final and are subject to change.

**Healthy People 2010 Objective (3-5):** 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, Lyon County and Nevada, 2000 - 2008.\***



The colorectal cancer mortality rate fluctuated for Lyon County and declined for Nevada from 2000-2008.

The Healthy People 2010 target rate of 13.7 per 100,000 people was met by Lyon County in the year 2008.

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

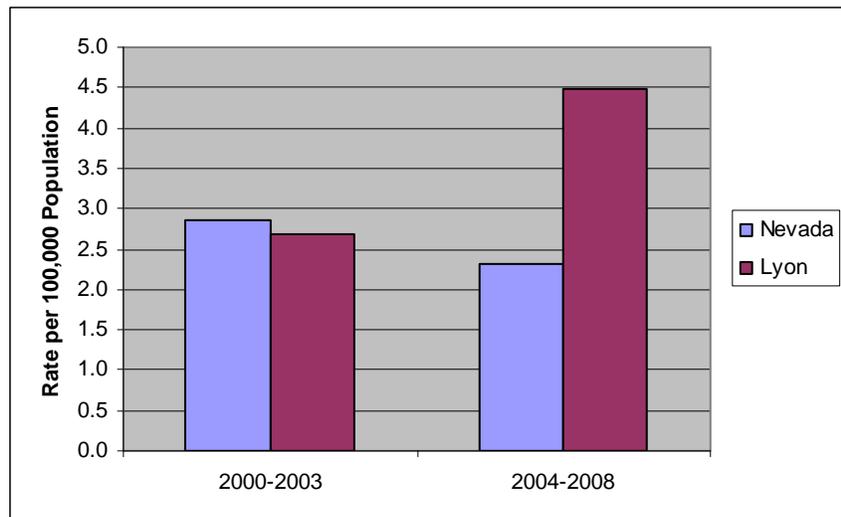
**Healthy People 2020 Objective C HP2020-6:** Reduce the oropharyngeal cancer death rate.

On average, the oropharyngeal cancer mortality rate declined for the state and increased for Lyon County from 2000-2008.

Using pooled data from 2004-2008, Nevada met the Healthy People 2010 target rate of 2.4 deaths per 100,000 population.

Lyon County's rate is almost twice that of the state rate from 2004-2008.

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

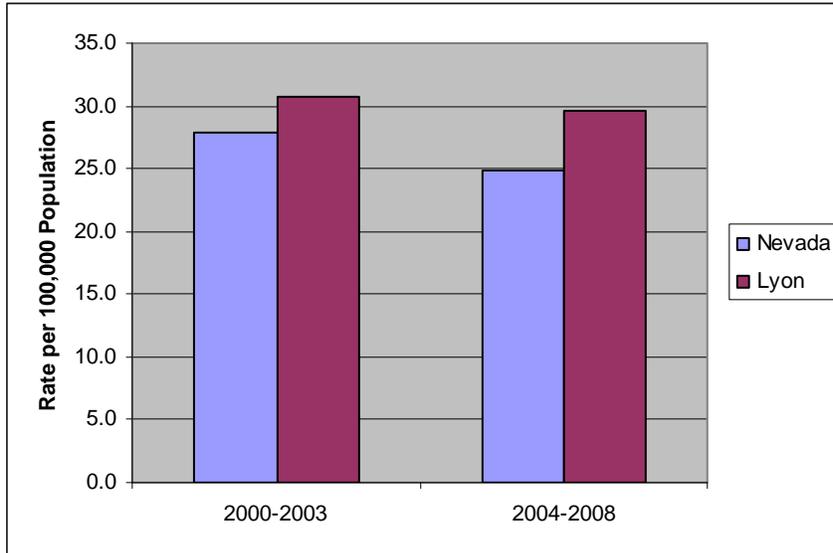


\*These rates are age-adjusted to the 2000 U.S. standard population. The Nevada data are from Nevada Vital Statistics Records. Note: 2007 and 2008 data are not final and are subject to change.

**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.

**Aggregated Age-Adjusted Prostate Cancer Death Rate, Lyon County and Nevada, 2000 - 2003 and 2004 - 2008.\***



The prostate cancer mortality rates for both Nevada and Lyon County declined over the reporting periods 2000—2003 and 2004—2008.

Lyon County's rate was consistently higher than the state's rate.

Nevada met the Healthy People 2010 target rate of 28.2 deaths per 100,000 population. Lyon County approached the goal.

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

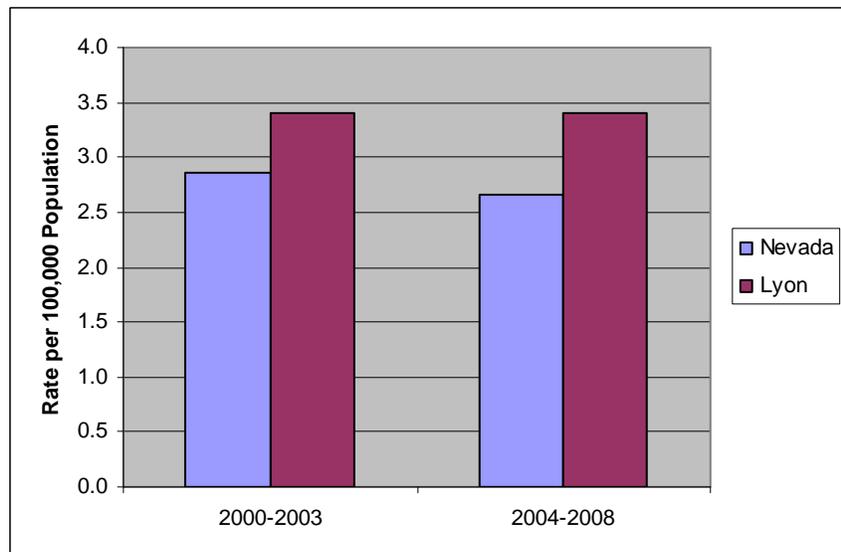
**Healthy People 2020 Objective C HP2020-8:** Reduce melanoma cancer death rate.

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

The melanoma cancer mortality rate declined for Nevada and remained steady for Lyon County on average between 2000 and 2008.

The county's rate was higher than the state rate and above the Healthy People 2010 target rate of 2.3 per 100,000 people.

The state overall met the goal.

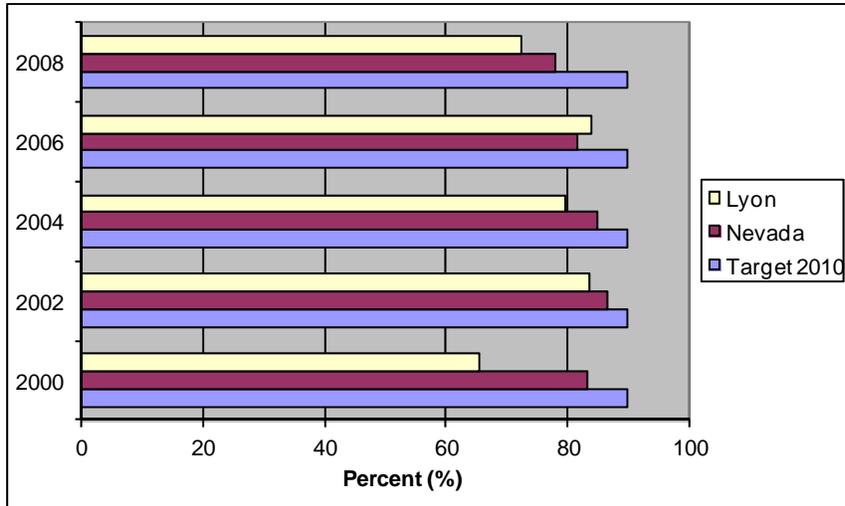


\*These rates are age-adjusted to the 2000 U.S. standard population. The Nevada data are from Nevada Vital Statistics Records. Note: 2007 and 2008 data are not final and are subject to change.

**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, Lyon County and Nevada, BRFSS Data, 2000, 2002, 2004, 2006, 2008.\***



The percentage of women receiving a Pap test within three years have fluctuated for both Lyon County and the state for the Behavioral Risk Factor Surveillance System reporting years between 2000 and 2008.

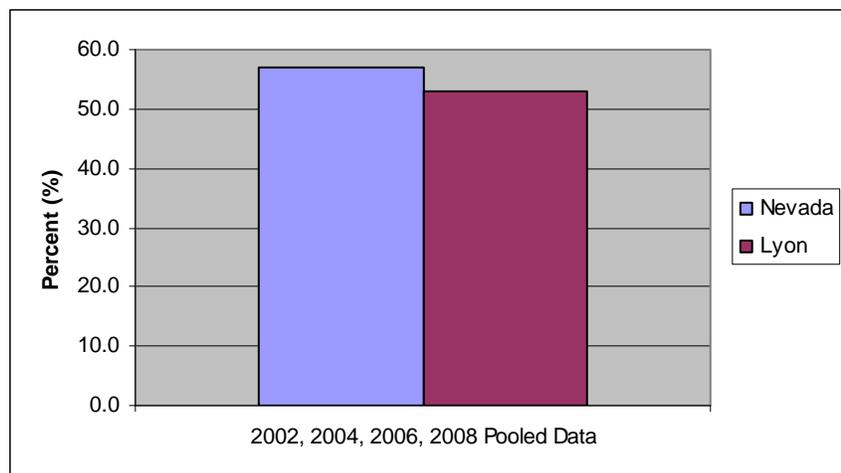
The Healthy People 2010 objective of 90 percent was not attained by the county nor the state.

**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.

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

On aggregate for the reported years between 2000 and 2008, both Lyon County and Nevada overall exceeded the Healthy People 2010 goal of 33 percent for the percentage of adults, aged 50 years and older, who have had a fecal blood test within the prior two years.

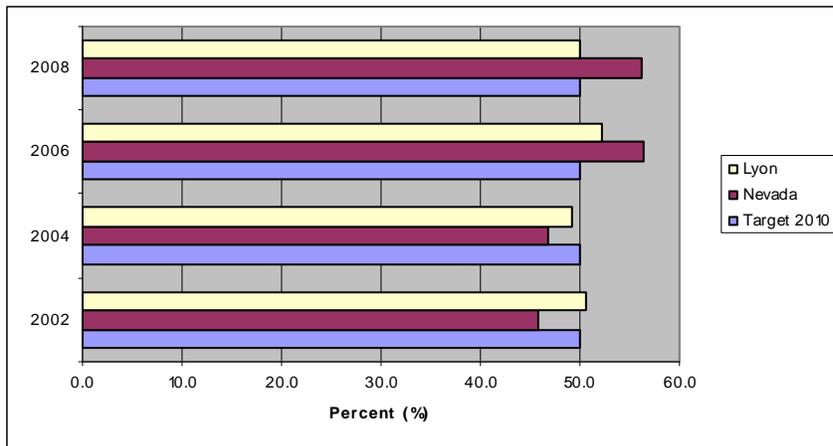


\*These percentages are weighted to survey population characteristics. Not all counties were included in the survey results.

**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 the most recent guidelines.

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



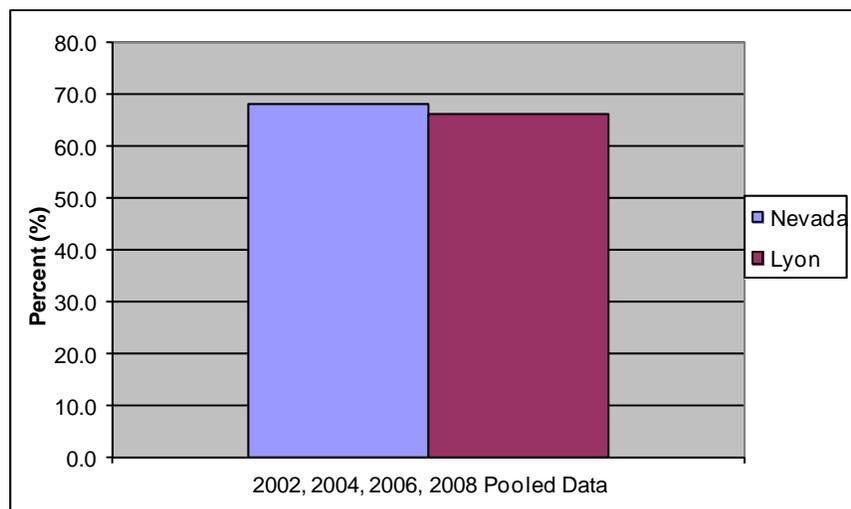
In 2006 and 2008, Lyon County and Nevada have surpassed the Healthy People 2010 objective of 50 percent for the proportion of adults, aged 50 years, and older, who have ever had a sigmoidoscopy or colonoscopy.

**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.

**Aggregated Proportion of Women Aged 40+ Who Have Had A Mammogram in The Preceding 2 Years, Lyon County and Nevada, BRFSS Data, 2000, 2002, 2004, 2006, 2008.\***

On average, the percentage of women, aged 40 years and older, who have had a mammogram in the preceding two years has been below the Healthy People 2010 target of 70 percent for both the state and Lyon County.



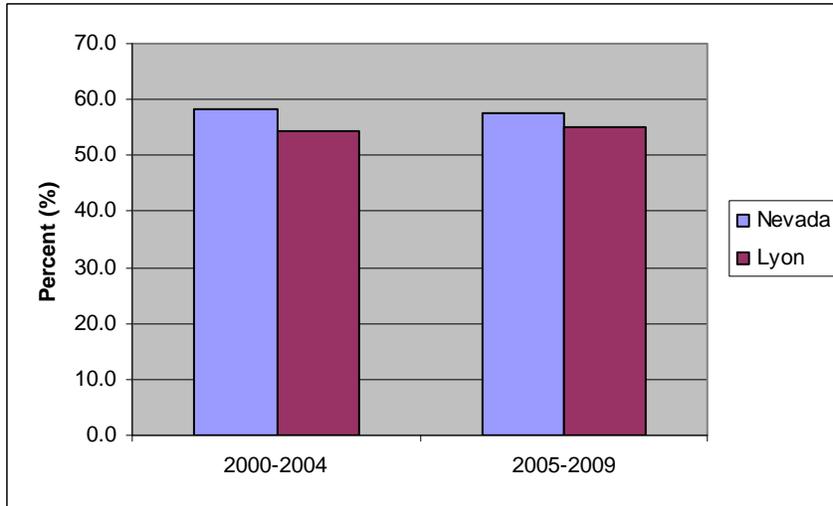
\*These percentages are weighted to survey population characteristics. Not all counties were included in the survey results.

# 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, Lyon County and Nevada, BRFSS Data, 2000 - 2004 and 2005 - 2009.\***



According to Behavioral Risk Factor Surveillance System data reported between 2000 and 2009, both the state and Lyon County were just below the Healthy People 2010 goal rate of 60 percent of persons with diabetes receiving formal diabetes education.

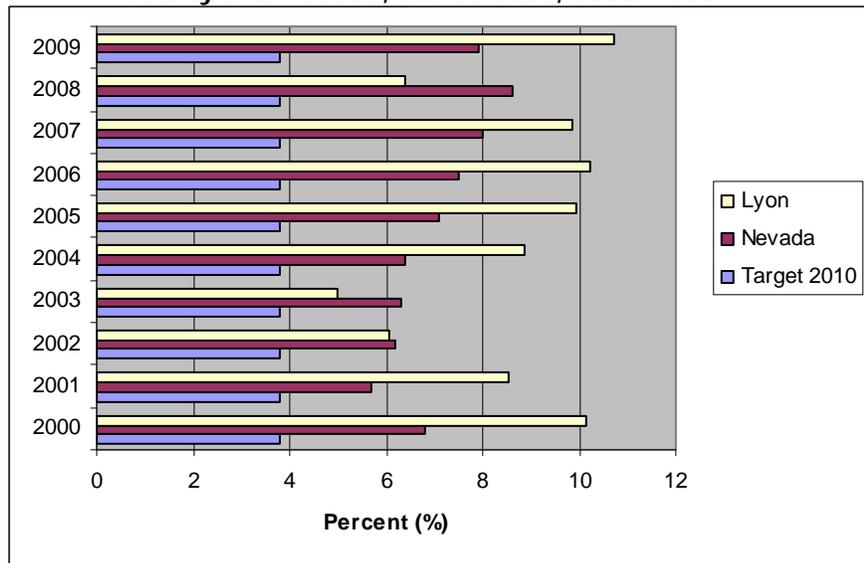
**Healthy People 2010 Objective (5-3):** Reduce the overall rate of diabetes that is clinically diagnosed.

**Healthy People 2020 Objective D HP2020-2:** Reduce the annual number of new cases of diagnosed diabetes in the population.

The proportion of persons diagnosed with diabetes increased in both Nevada and Lyon County, according to data from the Behavioral Risk Factor Surveillance System reported years 2000-2009.

Neither the state, nor the county, attained the Healthy People 2010 target of 3.8 percent.

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

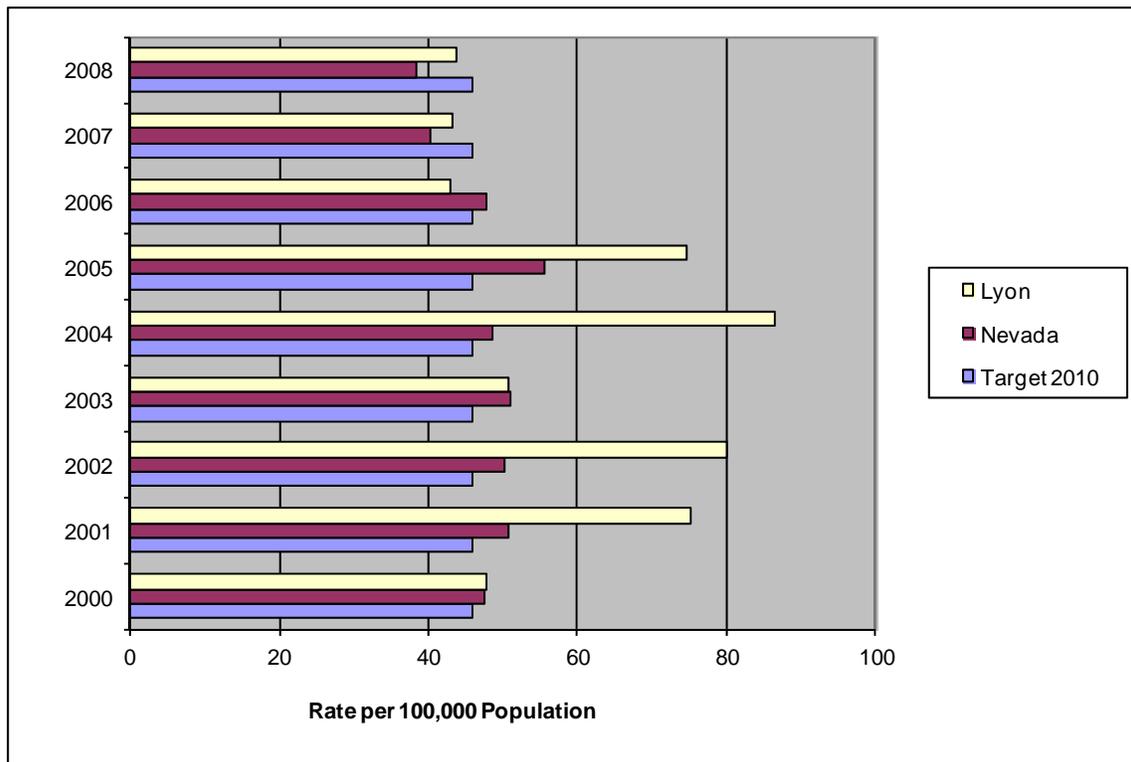


\*These percentages are weighted to survey population characteristics. Not all counties were included in the survey results.

**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, Lyon County and Nevada, 2000 - 2008.\***



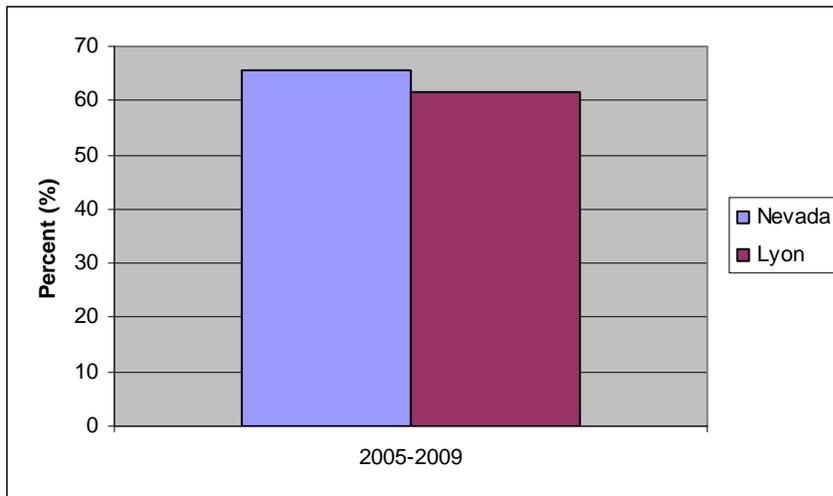
In 2007 and 2008, both Nevada and Lyon County had lower mortality rates for diabetes than the Healthy People 2010 target rate of 46 deaths per 100,000 population. The state and county rates fluctuated between 2000-2006.

\*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, Lyon County and Nevada, BRFSS Data, 2005 - 2009.\***



From 2005-2009 there was a higher proportion of diabetics who had an A1C test at least twice within the past year in Nevada as a whole than in Lyon County.

Both Nevada and Lyon County met the Healthy People 2010 target of 60 percent.

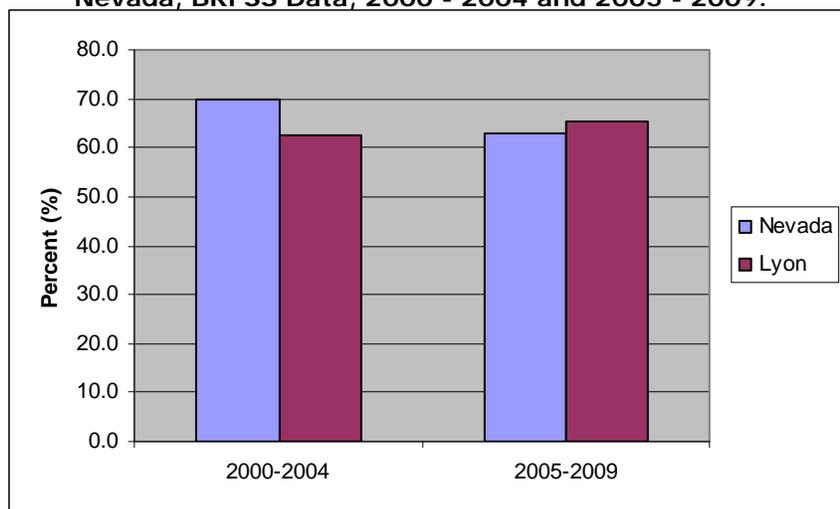
**Healthy People 2010 Objective (5-14):** Increase the proportion of adults with diabetes who have had at least an annual foot examination.

**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, Lyon County and Nevada, BRFSS Data, 2000 - 2004 and 2005 - 2009.\***

On aggregate between 2000 and 2009, both Lyon County and Nevada overall had rates of diabetics receiving at least an annual foot examination between 60 and 70 percent.

This was below the Healthy People 2010 objective of 75 percent.



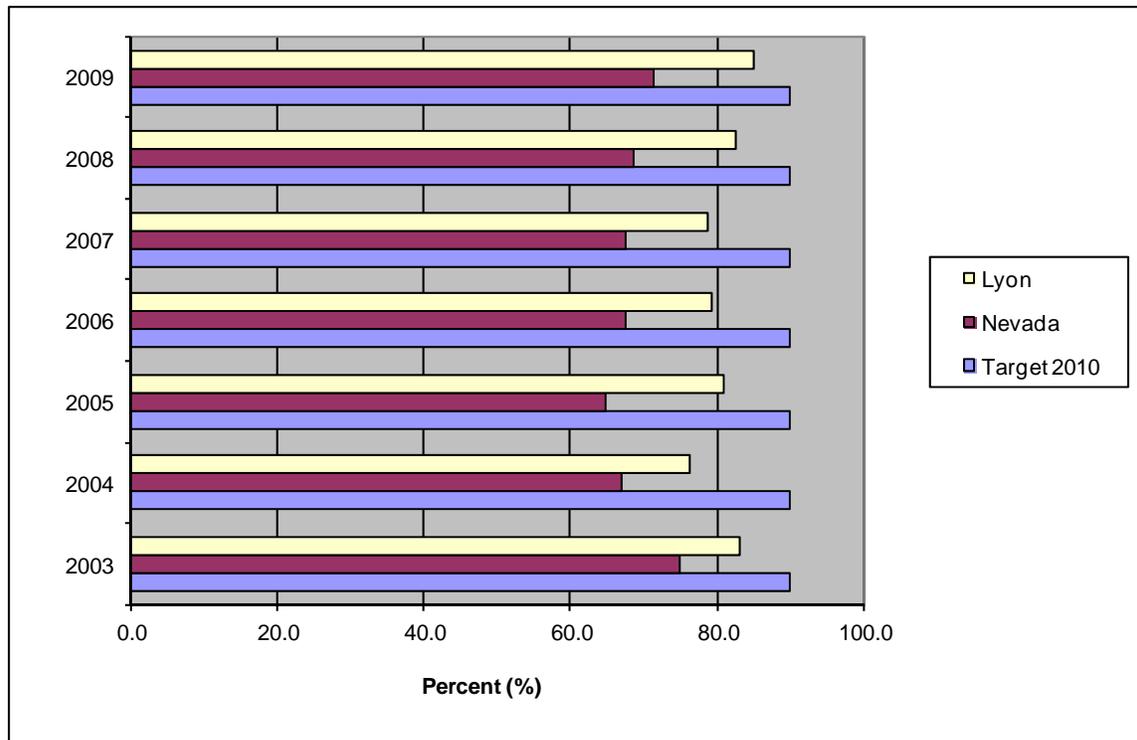
\*These percentages are weighted to survey population characteristics. Not all counties were included in the survey results.

# 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), Lyon County and Nevada, 2003 - 2009.\***



The high school completion rate fluctuated between 65 and 84 percent for both the state and the county from 2003 to 2009. Lyon County had a consistently higher high school completion rate than Nevada during the study years. Neither the county nor the state met the Healthy People 2010 goal of 90 percent.

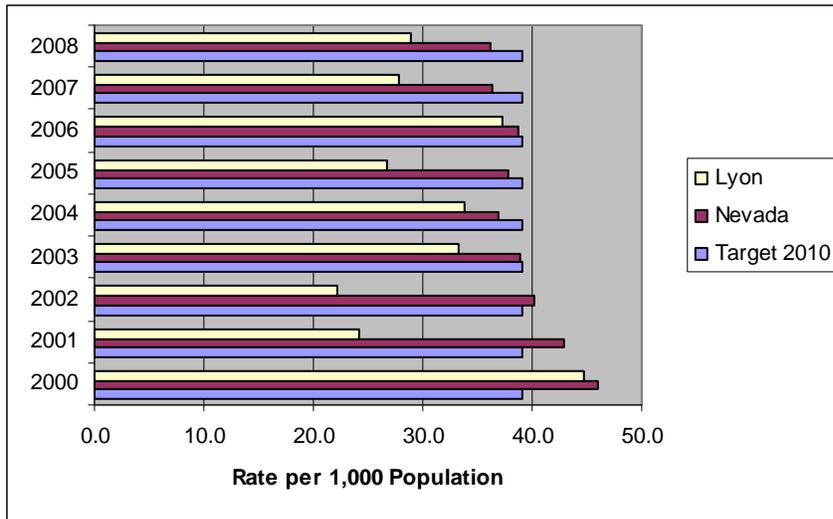
\*The Nevada data are from the Nevada Annual Reports of Accountability.

# 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, Lyon County and Nevada, 2000 - 2008.\***

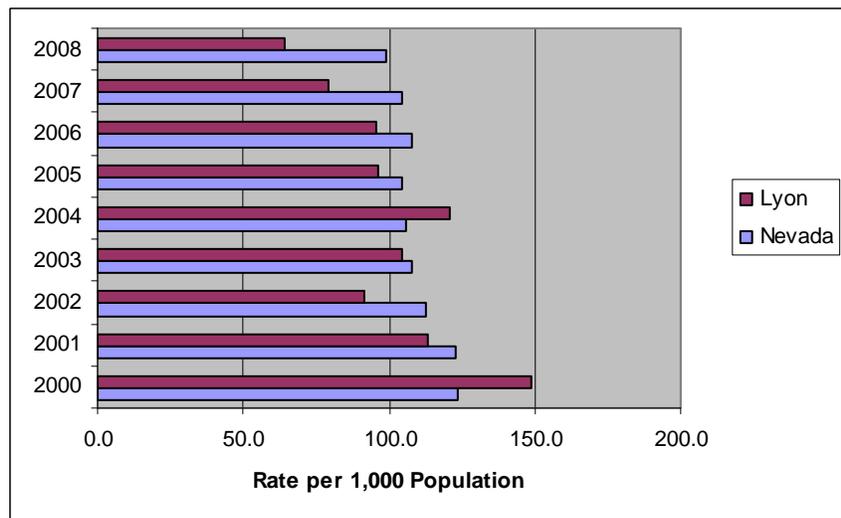


Lyon County consistently reported a lower adolescent pregnancy rate among females, aged 15 to 17, than the state and met the Healthy People 2010 target rate of 39 per 1,000 population from 2000-2008.

Both the state and Lyon County enjoyed decreasing trends for adolescent pregnancy rates among females, aged 18 to 19 years from 2000-2008.

This is a new objective for Healthy People 2020, so no Healthy People 2010 target exists.

**Adolescent Pregnancy Rate Among Females Aged 18 to 19 Years, Lyon County and Nevada, 2000 – 2008.\***

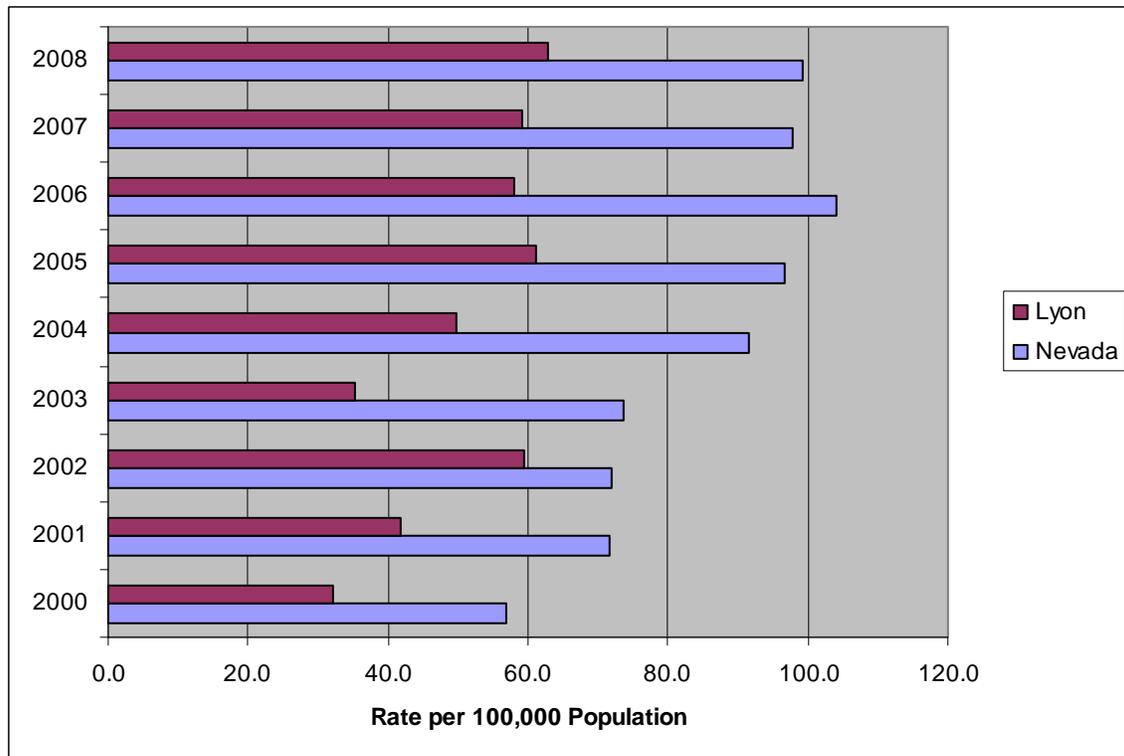


\*The Nevada data are from Nevada Vital Statistics Records.  
Note: 2008 data are not final and are subject to change.

# 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, Lyon County and Nevada, 2000 - 2008.\***



This is a new Healthy People 2020 indicator. From 2000-2008, the rate of invasive methicillin resistant staphylococcus aureus (MRSA) infections increased for both Lyon County and Nevada.

In 2008 Lyon County reported a MRSA infection rate over nine times higher than the new Healthy People 2020 target of 6.56 MRSA infections per 100,000 people.

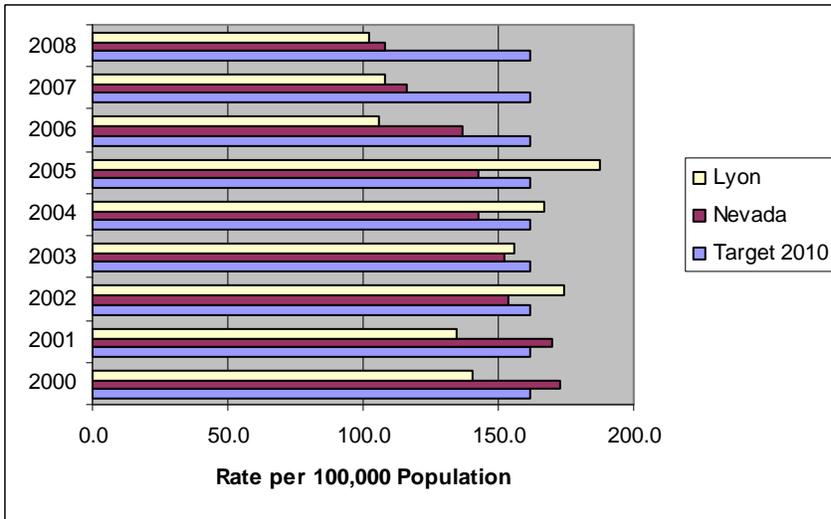
\*These rates are age-adjusted to the 2000 U.S. standard population. Nevada data are from the Nevada Inpatient Hospital Discharge Database (NIHDD).

# 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, Lyon County and Nevada, 2000 - 2008.\***



From 2000-2008 the trend for coronary heart disease deaths declined for Lyon County and Nevada.

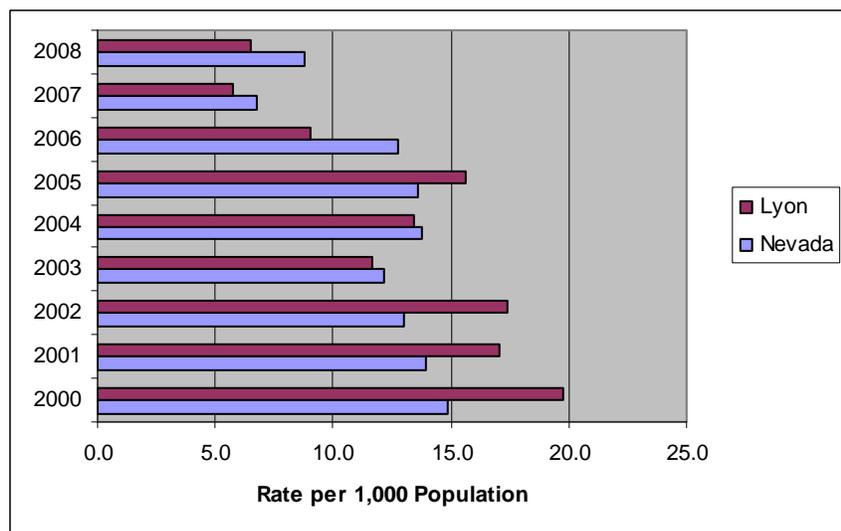
From 2006, both Lyon County and the state consistently met the Healthy People 2010 target rate of 162 deaths per 100,000 population.

\*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 hospitalizations of older adults aged 65 years and older with congestive heart failure.

**Hospitalization Rate of Older Adults Aged 65 Years and Older With Congestive Heart Failure, Lyon County and Nevada, 2000 - 2008.\***

Hospitalization rates of older adults, ages 65 and older, with congestive heart failure declined from 2000 to 2008 in both Lyon County and the state.

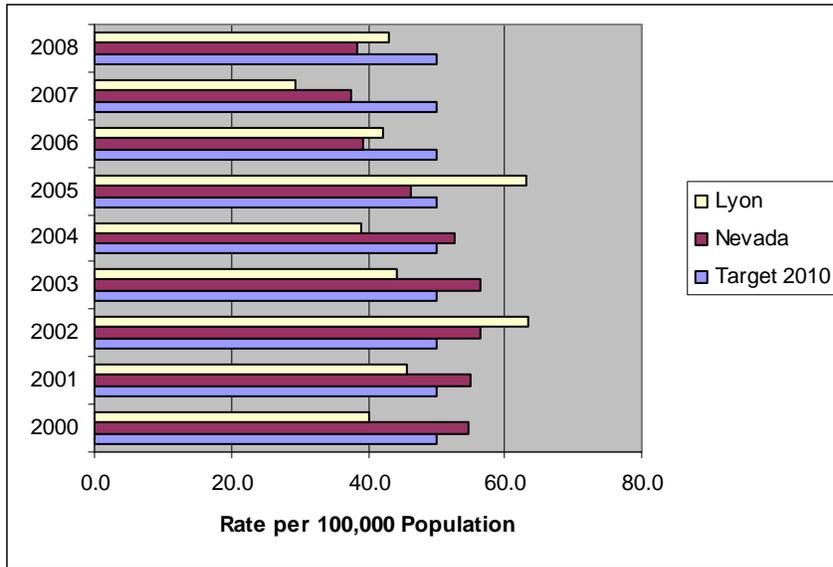


\*The Nevada data are from Nevada Inpatient Hospital Discharge (NIHDD).

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

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

**Age-Adjusted Stroke Death Rate, Lyon County and Nevada, 2000 - 2008.\***



From 2006-2008, both Nevada and Lyon County met the Healthy People 2010 target rate of 50 stroke deaths per 100,000 population.

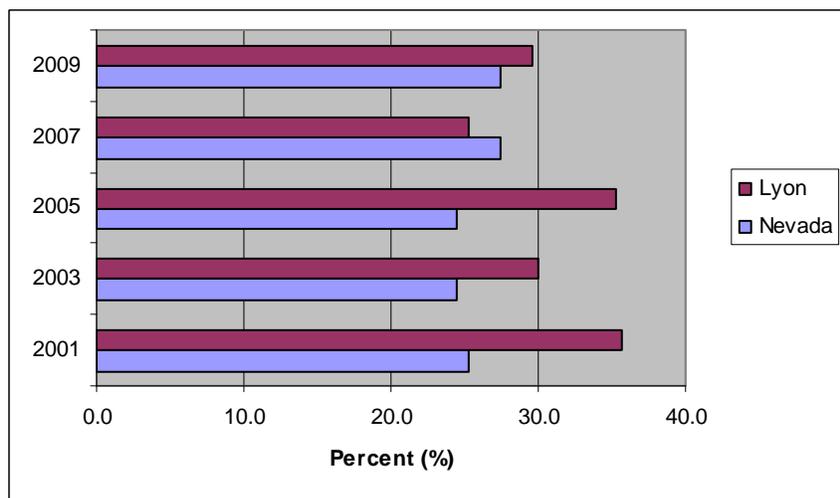
\*These rates are age-adjusted to the 2000 U.S. standard population. The Nevada data are from Nevada Vital Statistics Records. Note: 2007 and 2008 data are not final and are subject to change.

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

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

The percentage of adults with high blood pressure averaged higher in Lyon County than in Nevada over the Behavioral Risk Factor Surveillance System reported years between 2001 and 2009. From 2007 both the state and the county had rates which were approximately double the Healthy People 2010 target of 14 percent.

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

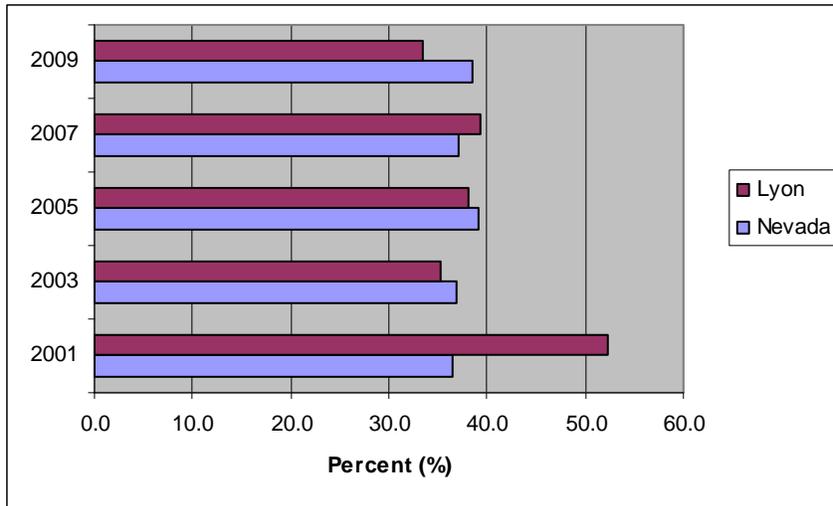


\*These percentages are weighted to survey population characteristics. Not all counties were included in the survey results.

**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 Blood Cholesterol Levels, Lyon County and Nevada, BRFSS Data, 2001, 2003, 2005, 2007, 2009.\***



In Lyon County, the rate of adults with high cholesterol levels decreased over the reported years 2000 to 2009. The Nevada rate has remained steady.

Both Nevada and Lyon County had rates twice as high as the Healthy People 2010 goal of 17 percent.

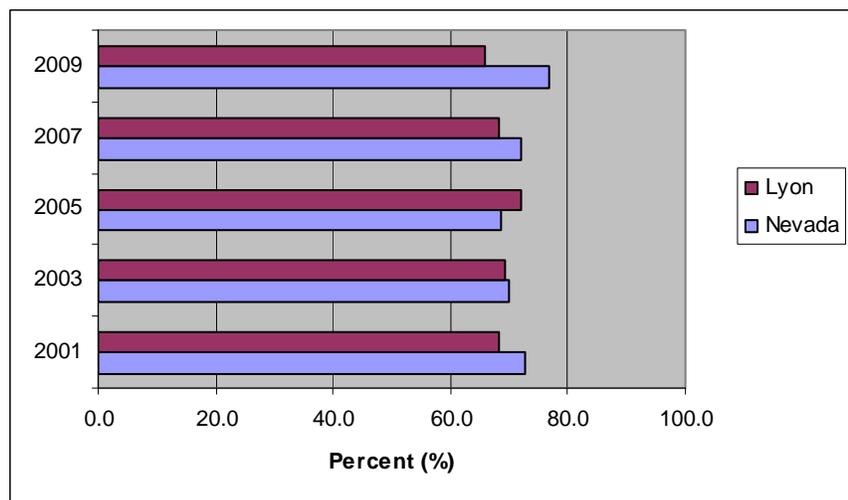
**Healthy People 2010 Objective (12-15):** Increase the proportion of adults having had their blood cholesterol checked within the preceding 5 years.

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

Lyon County saw a decline in the percentage of adults having their blood cholesterol checked between 2005 and 2009.

Lyon County did not meet the Healthy People 2010 target of 80 percent in any of the Behavioral Risk Factor Surveillance System reported years between 2001 and 2009.

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



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

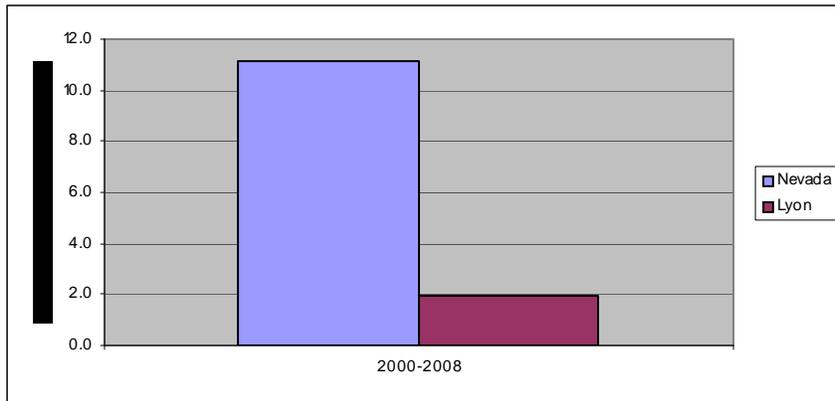
# Human Immunodeficiency Virus (HIV)

**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.

NOTE: This objective was removed in the final HP 2020 release.

**Aggregated Reported AIDS Cases, Lyon County and Nevada, 2000 - 2008.\***



On aggregate Lyon County reported one-fifth the number of AIDS cases as Nevada overall from 2000-2008. This was still two times the Healthy People 2010 target rate of 1.0 case per 100,000 population.

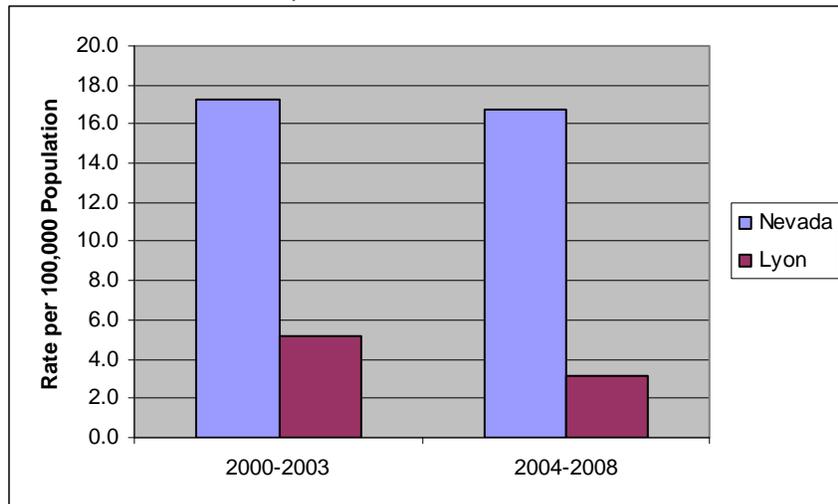
**Healthy People 2010 Objective (13-5):** Reduce the number of new cases of human immunodeficiency virus (HIV) and acquired immune deficiency syndrome (AIDS) diagnosed among adults and adolescents.

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

During the years 2000 to 2008, the rate of reported new cases of HIV/AIDS declined for both the state and Lyon County. The county rate averaged less than one-third of the Nevada rate.

Lyon County met the Healthy People target of 13 cases per 100,000 population in the years between 2000 and 2008.

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



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

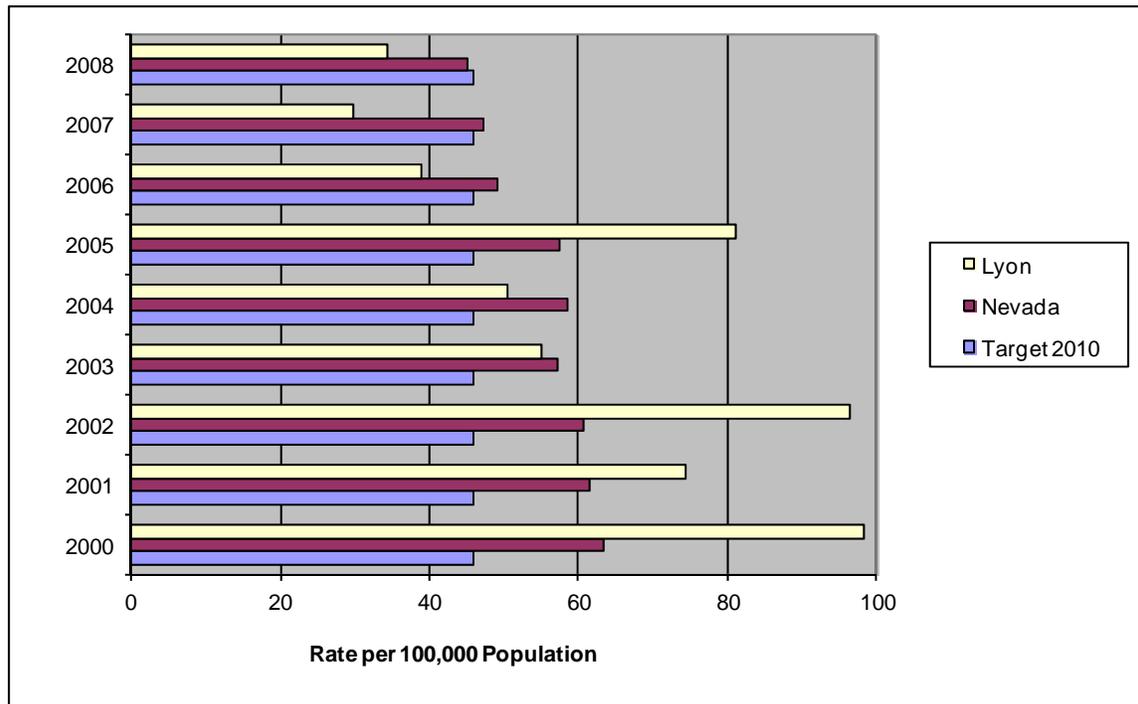
# Immunization and Infectious Diseases

**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.

NOTE: This objective was removed in the final HP 2020 release.

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



The peptic ulcer disease hospitalization rate has fluctuated slightly for Nevada, but has declined since the year 2000. The Lyon County rate fluctuated markedly from 2000 through 2002, and again in the year 2006. From 2000-2008 the county annual rate had a declining trend.

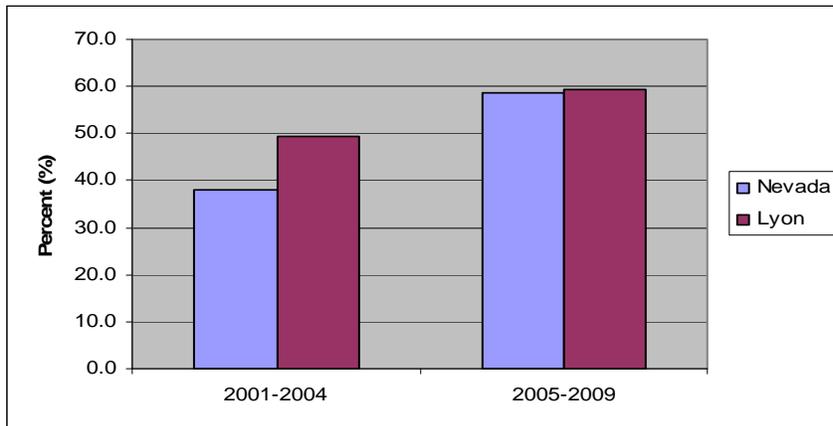
Lyon County has met the Healthy People 2010 objective rate of 46 per 100,000 since 2006. Nevada met the target in 2009.

\*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, Lyon County and Nevada, BRFSS Data, 2001 - 2004 and 2005 - 2009.\***



In 2001—2004, Lyon County’s rate of adults, ages 65 years and older, who are vaccinated against influenza was notably higher than the Nevada rate.

During the years 2005—2009, the county and the state’s rates increased, both now approach 60 percent. The Healthy People goal of 90 percent was not met.

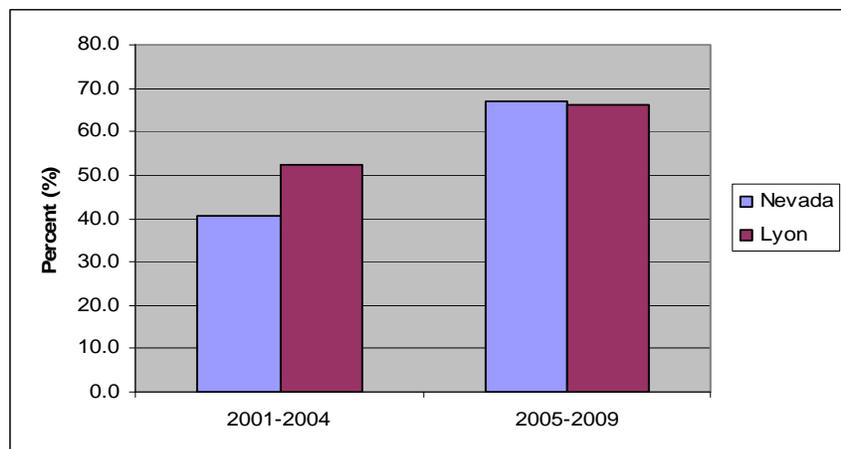
**Healthy People 2010 Objective (14-29b.):** Increase the proportion of adults, aged 65 years and older, who have ever received the pneumococcal vaccine.

**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.

The percentage of adults, ages 65 years and older, who have ever received the pneumococcal vaccine increased from 2004 for Nevada and Lyon County.

In the 2005—2009 reporting period, the state rate was slightly higher than the county rate. Both rates are above 65 percent. The Healthy People goal of 90 percent was not met by either the state nor the county.

**Aggregated Proportion of Adults Aged 65 Years and Older Who Have Ever Received the Pneumococcal Vaccine, Lyon County and Nevada, BRFSS Data, 2001 - 2004 and 2005 -**



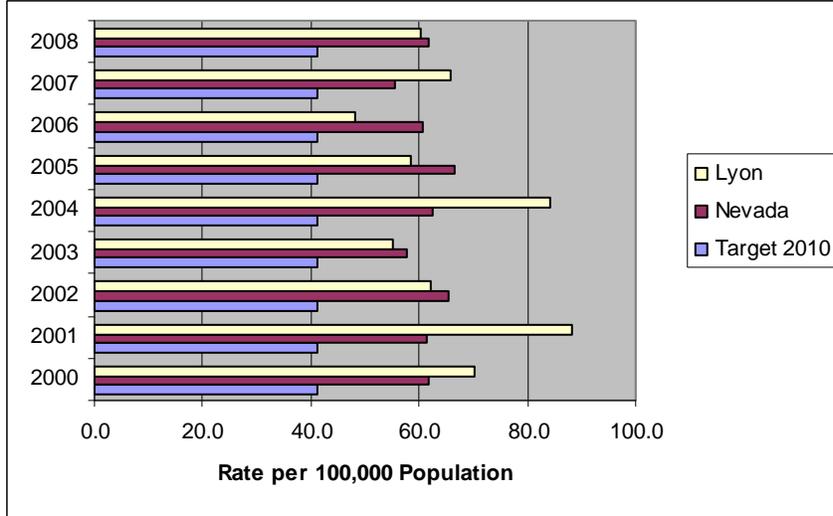
\*These percentages are weighted to survey population characteristics. Not all counties were included in the survey results.

# Injury and Violence Prevention

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

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

**Hospitalization Rate for Nonfatal Head Injuries, Lyon County and Nevada, 2000 - 2008.\***



The hospitalization rate for nonfatal head injuries in Lyon County was higher than the Healthy People 2010 target rate of 41.2 per 100,000 population from 2000-2008.

In the years 2001 and 2004, the county rate was more than double the target.

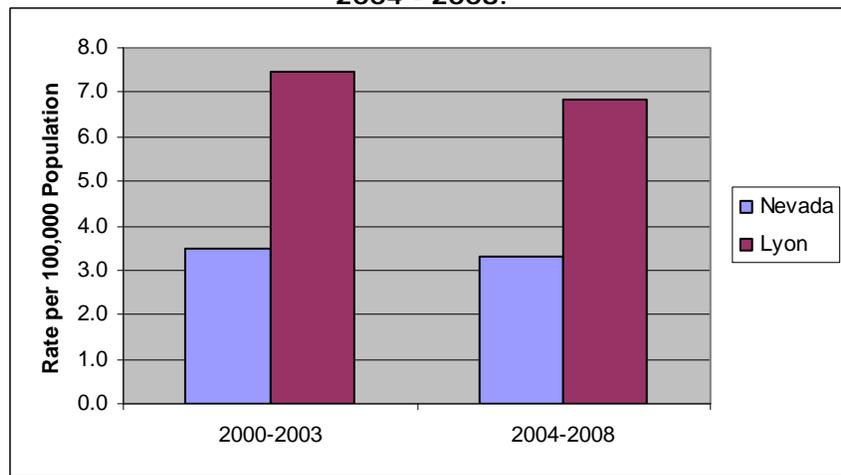
**Healthy People 2010 Objective (15-2):** Reduce hospitalizations for nonfatal spinal cord injuries.

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

On average, the rate of hospitalization for nonfatal spinal cord injuries decreased over the years 2000—2008 for both the state and Lyon County.

However, the rates for both were above the Healthy People 2010 target rate of 2.4 per 100,000 population. Lyon County's rate was almost three times the target in 2004-2008.

**Aggregated Hospitalization Rate for Nonfatal Spinal Cord Injuries, Lyon County and Nevada, 2000 - 2003 and 2004 - 2008.\***

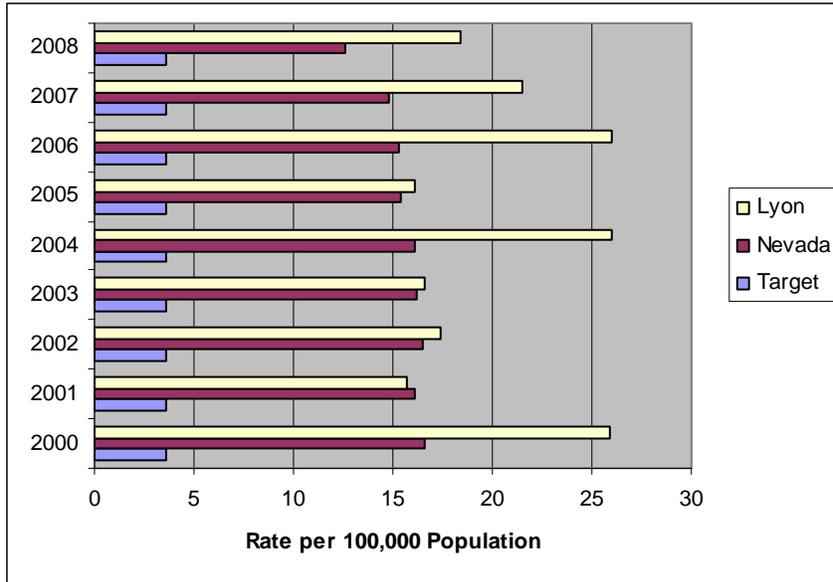


\*The Nevada data are from the Nevada Inpatient Hospital Discharge Database (NIHDD).

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

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

**Age-Adjusted Firearm Related Death Rate, Lyon County and Nevada, 2000 - 2008.\***



The firearm related death rate in Lyon County was at least four times higher than the Healthy People 2010 target of 3.6 deaths per 100,000 population.

Neither the state nor the county met the Healthy People 2010 objective from the years 2000-2008.

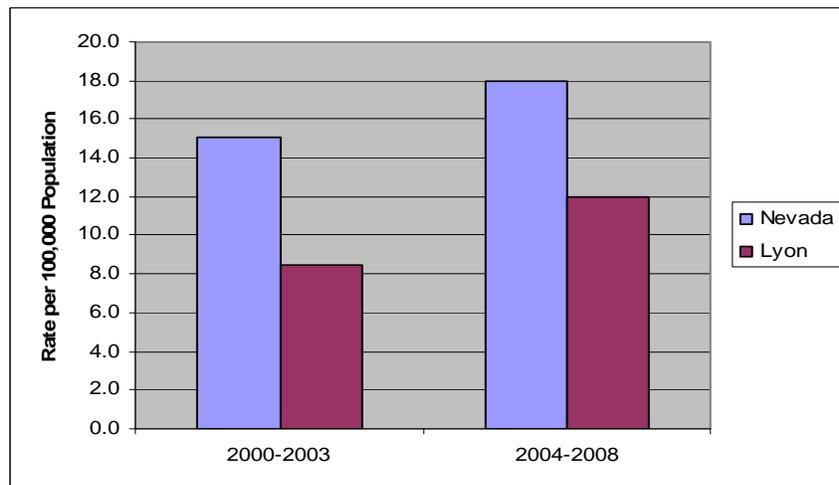
**Healthy People 2010 Objective (15-8):** Reduce deaths caused by poisonings.

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

The average poisoning mortality rate increased over the years 2000 to 2008 for Lyon County and Nevada.

The Lyon County rate for poisoning deaths was more than eight times higher than the Healthy People 2010 target rate of 1.5 deaths per 100,000 population over the study period 2004-2008. The county's rate was lower than the Nevada rate.

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

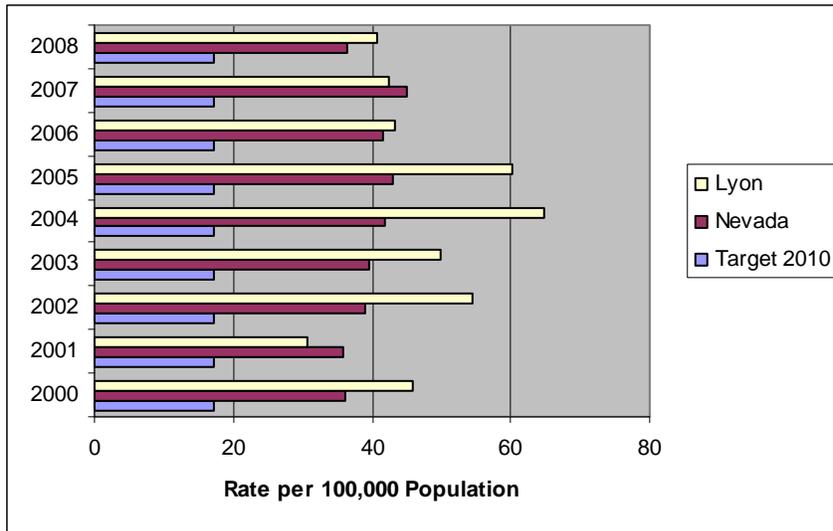


\*These rates are age-adjusted to the 2000 U.S. standard population. The Nevada data are from Nevada Vital Statistics Records. Note: 2007 and 2008 data are not final and are subject to change.

**Healthy People 2010 Objective (15-13):** 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, Lyon County and Nevada, 2000 - 2008.\***



The Lyon County unintentional injury mortality rate was more than twice as high as the Healthy People 2010 target rate of 17.1 deaths per 100,000 population from 2000-2008. The county rate did decrease from 2004-2008.

The Healthy People 2010 target was not met by either the state or the county.

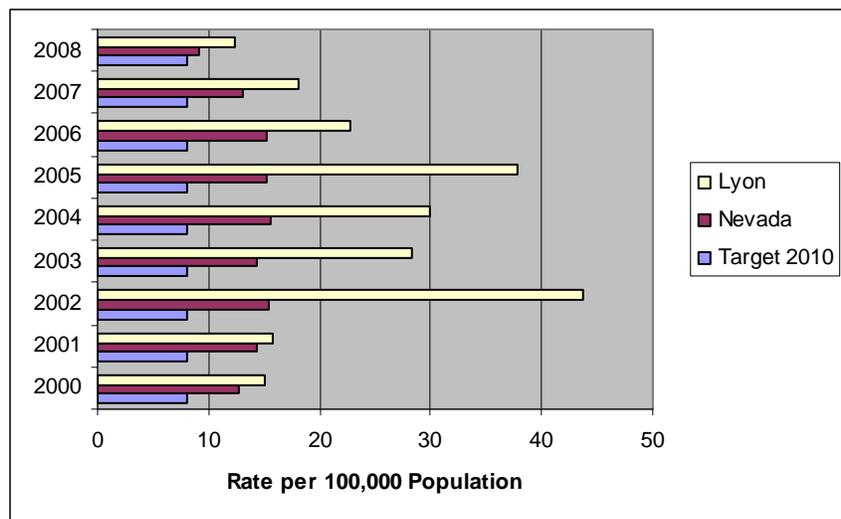
**Healthy People 2010 Objective (15-15a.):** Reduce deaths caused by motor vehicle crashes.

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

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

The motor vehicle crash mortality rate fluctuated for Lyon County and the state from 2000-2008. Both rates decreased from 2005-2008.

However, neither Nevada nor Lyon County met the Healthy People 2010 target rate of 3.0 deaths per 100,000 population.

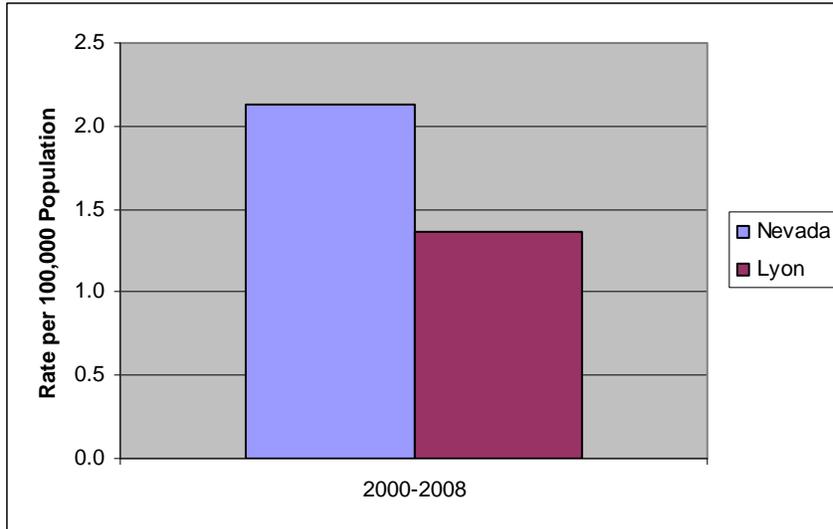


\*These rates are age-adjusted to the 2000 U.S. standard population. The Nevada data are from Nevada Vital Statistics Records. Note: 2007 and 2008 data are not final and are subject to change.

**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, Lyon County and Nevada, 2000 - 2008.\***



On average between 2000-2008, Lyon County met the Healthy People 2010 target rate of 1.4 pedestrian deaths on public roads 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.

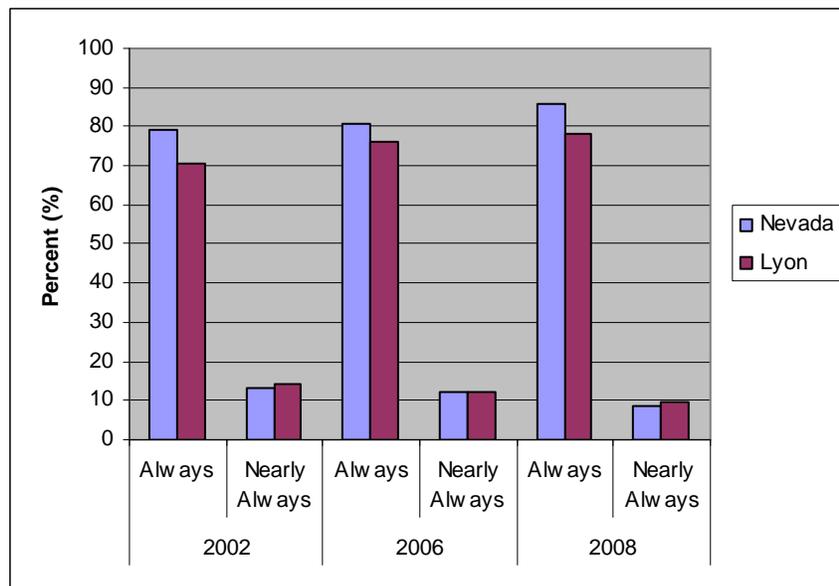
**Healthy People 2010 Objective (15-19):** Increase the use of safety belts.

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

**Proportion of People Using Safety Belts, Lyon County and Nevada, BRFSS Data, 2002, 2006, 2008.\***

The number of persons always using seat belts increased for both Nevada and Lyon County from the years 2002 to 2008.

Neither the state nor the county met the Healthy People 2010 goal of 89 percent, although both are approaching the target.

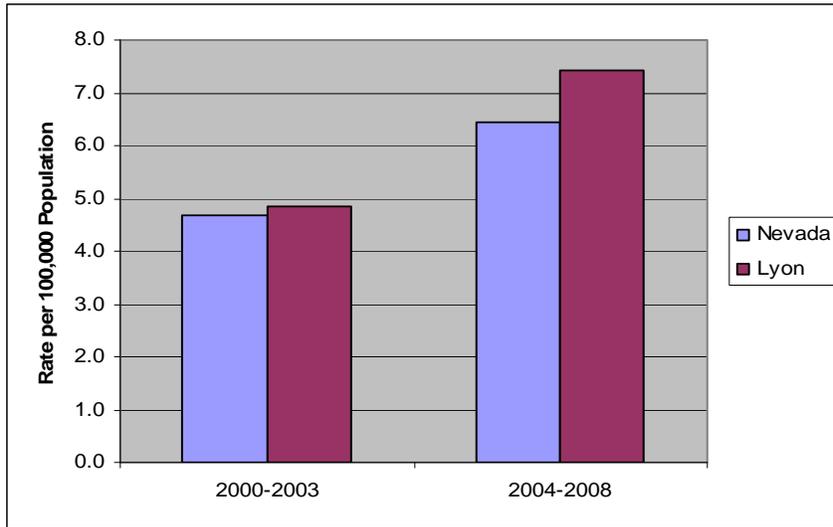


\*These percentages are weighted to survey population characteristics. Not all counties were included in the survey results.

**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, Lyon County and Nevada, 2000 - 2003 and 2004 - 2008.\***



On average, the fall mortality rate increased by almost one-third in Lyon County and the state from 2000-2008.

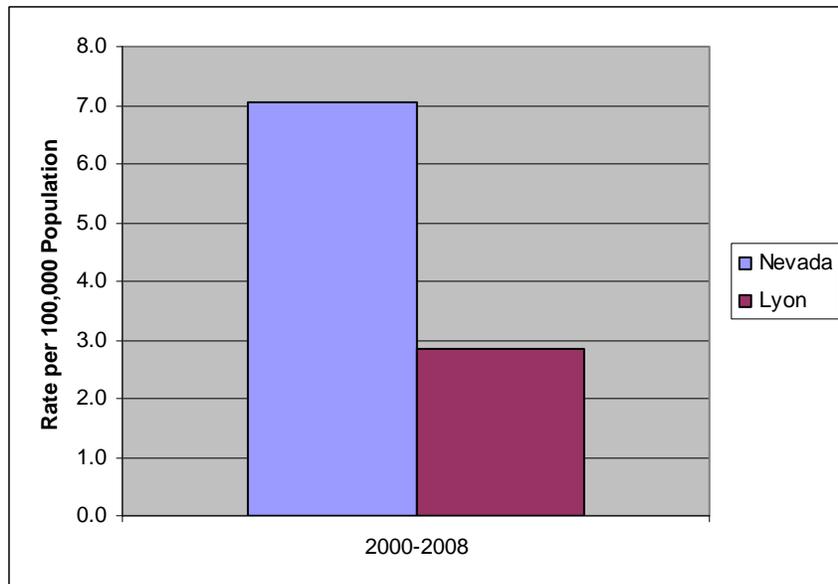
From 2004-2008, the rates were about twice the Healthy People 2010 target rate of 3.3 fall related deaths per 100,000 population.

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

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

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

On aggregate from 2000 to 2008, Lyon County's homicide mortality rate was less than half of the Nevada rate, and met the Healthy People 2010 target rate of 2.8 murders per 100,000 population.



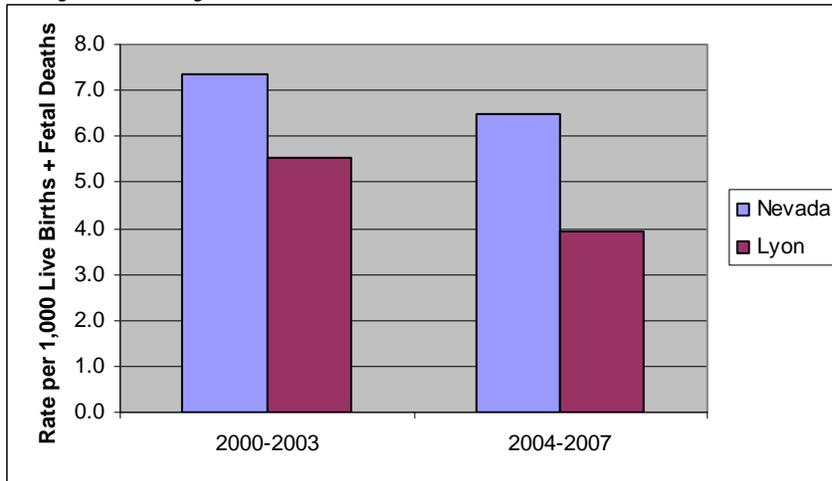
\*These rates are age-adjusted to the 2000 U.S. standard population. The Nevada data are from Nevada Vital Statistics Records. Note: 2007 and 2008 data are not final and are subject to change.

# 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, Lyon County and Nevada, 2000 - 2003 and 2004 - 2007.\***



The fetal mortality rate at 20 or more weeks of gestation decreased for both Nevada and Lyon County from 2000-2007.

Lyon County met the Healthy People 2010 target rate of 4.1 deaths per 1,000 live births from 2004-2007.

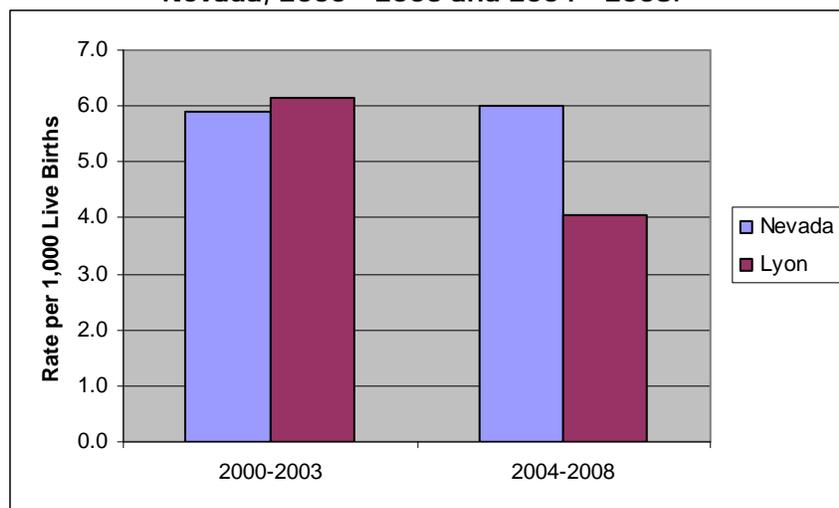
**Healthy People 2010 Objective (16-1c.):** Reduce infant death rate (within 1 year of life).

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

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

The infant mortality rate, within one year of life, increased slightly for the state, and decreased for Lyon County during the years 2000—2008.

Lyon County met the Healthy People 2010 target rate of 4.5 deaths per 1,000 live births for the aggregate years 2004-2008.

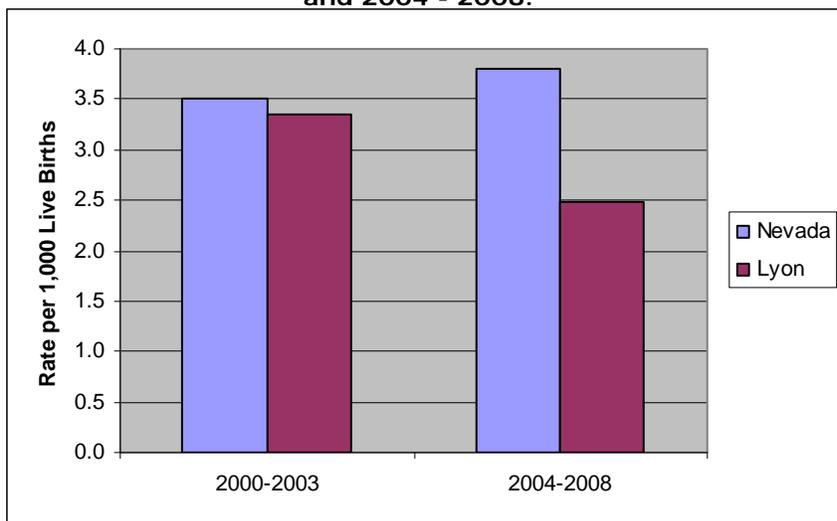


\*The Nevada data are from Nevada Vital Statistics Records. The U.S. data are from the National Vital Statistics System - Mortality.  
Note: 2008 data are not final and are subject to change.

**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), Lyon County and Nevada, 2000 - 2003 and 2004 - 2008.\***



The neonatal mortality rate, within the first 28 days of life, increased for the state and decreased for Lyon County.

On average, Lyon County's rate was lower than the state overall and met the Healthy People 2010 target rate of 2.9 deaths per 1,000 live births from 2004-2008.

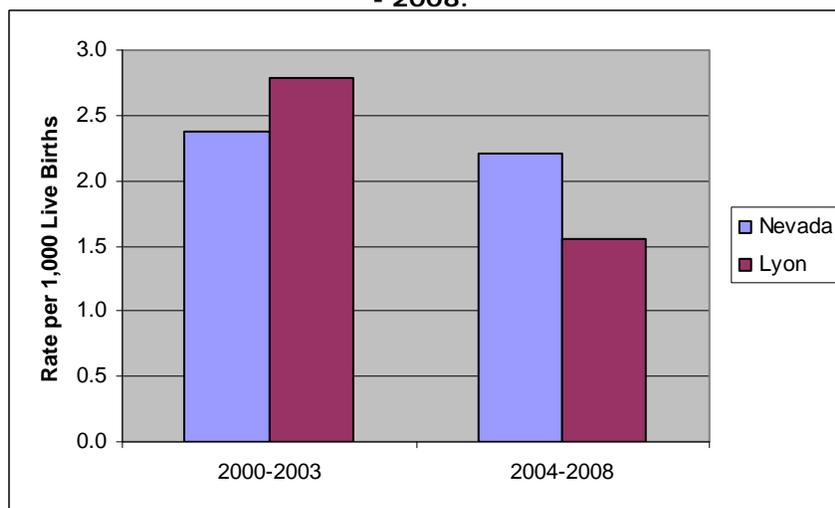
**Healthy People 2010 Objective (16-1e.):** Reduce postneonatal death rate (between 28 days and 1 year).

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

**Aggregated Postneonatal Death Rate (Between 28 Days and 1 Year of Life), Lyon County and Nevada, 2000 - 2003 and 2004 - 2008.\***

From 2000-2008, the average rate for postneonatal mortality, between 28 days and 1 year of life, decreased for both Nevada and Lyon County.

Neither the state nor the county met the Healthy People 2010 target rate of 1.2 deaths per 1,000 live births.

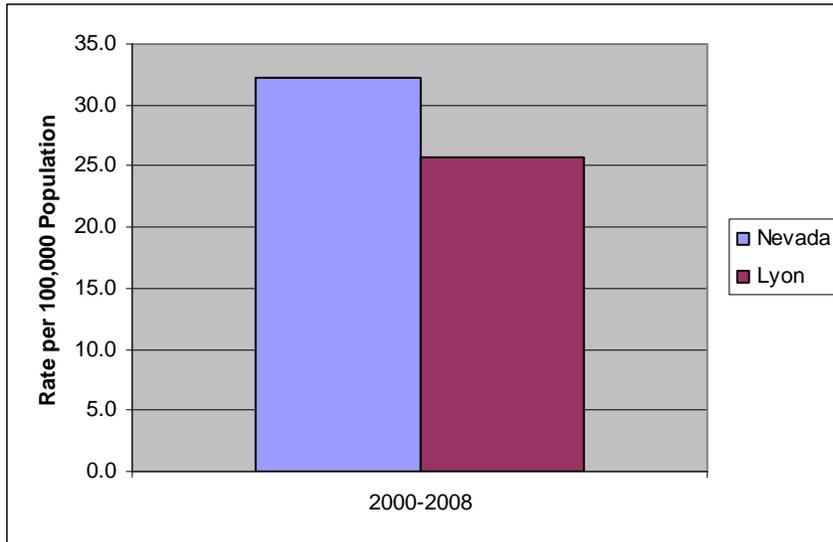


\*The Nevada data are from Nevada Vital Statistics Records. The U.S. data are from the National Vital Statistics System - Mortality.  
 Note: 2008 data are not final and are subject to change.

**Healthy People 2010 Objective (16-2a.):** Reduce the rate of child deaths, aged 1 to 4 years.

**Healthy People 2020 Objective MICH HP2020-3.1:** Reduce the rate of child deaths, aged 1 to 4 years.

**Aggregated Death Rate of Children Aged 1 to 4, Lyon County and Nevada, 2000 - 2008.\***



On average from 2000 -2008, the mortality rate for children, aged 1 to 4 years, was lower in Lyon County than Nevada.

However, neither met the Healthy People 2010 target rate of 20 deaths per 100,000 population.

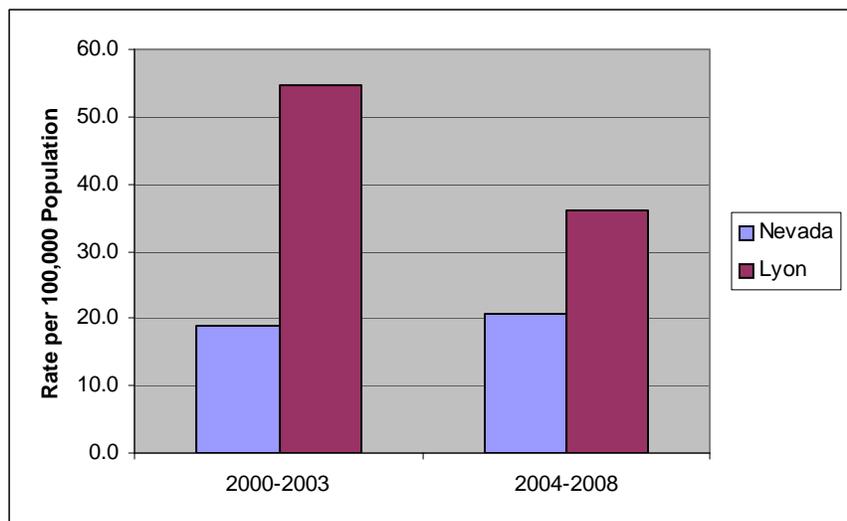
**Healthy People 2010 Objective (16-3a.):** Reduce the rate of adolescent deaths, aged 10 to 14 years.

**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, Lyon County and Nevada, 2000 - 2003 and 2004 - 2008.\***

From 2000-2008, the adolescent death rate of children, ages 10 to 14 years, decreased by almost 50 percent for Lyon County.

The county rate is still more than double the Healthy People 2010 target rate of 16.5 deaths per 100,000 population.

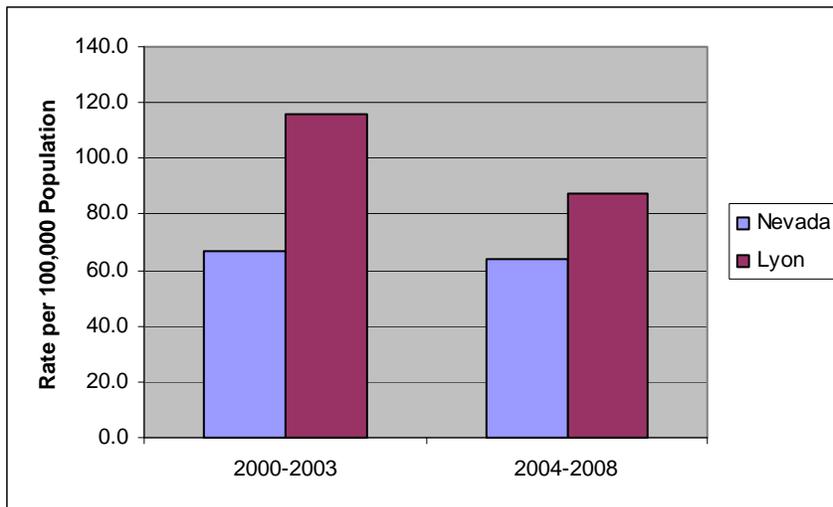


\*The Nevada data are from Nevada Vital Statistics Records. The U.S. data are from the National Vital Statistics System - Mortality.  
Note: 2007 and 2008 data are not final and are subject to change.

**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, Lyon County and Nevada, 2000 - 2003 and 2004 - 2008.\***



On average the adolescent mortality rate for youth, aged 15 to 19 years, decreased for Lyon County from 2000-2008.

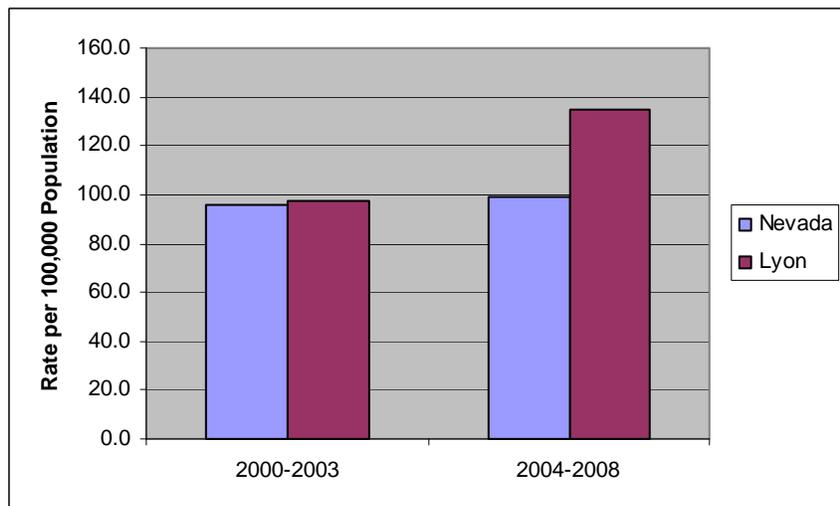
The county rate was still more than twice as high as the Healthy People 2010 target rate of 38 deaths per 100,000 population.

**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, Lyon County and Nevada, 2000 - 2003 and 2004 - 2008.\***

The young adult mortality rate for ages 20—24 years increased from 2000-2008 in Lyon County and was more than three times the Healthy People 2010 target of 41.5 deaths per 100,000 population.

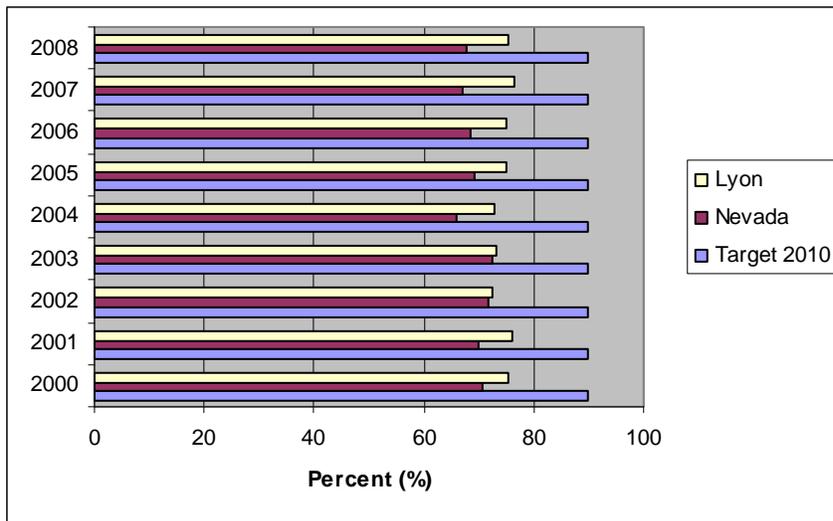


\*The Nevada data are from Nevada Vital Statistics Records. The U.S. data are from the National Vital Statistics System - Mortality.  
 Note: 2007 and 2008 data are not final and are subject to change.

**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, Lyon County and Nevada, 2000 - 2008.\***



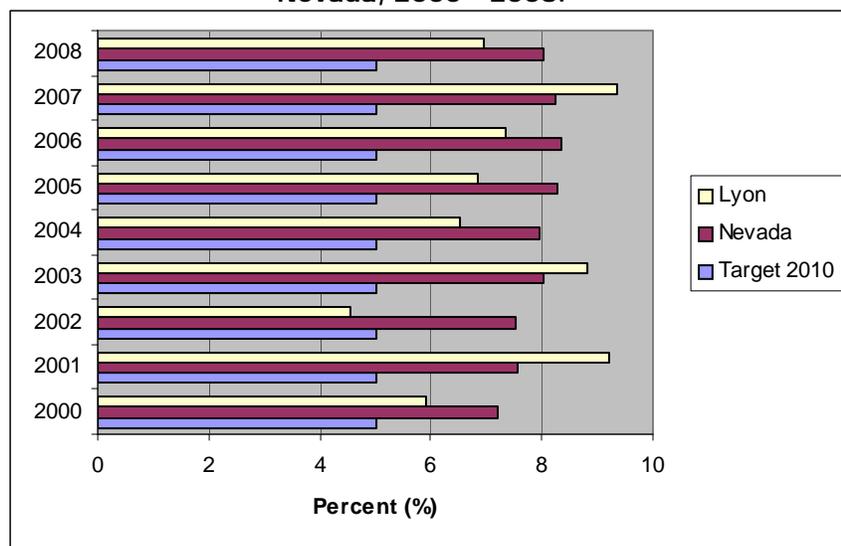
The percentage of pregnant women receiving prenatal care in the first trimester of pregnancy remained steady around 75 percent for both Nevada and Lyon County from 2000-2008.

The Healthy People 2010 goal of 90 percent was not met by either the state or the county.

**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, Lyon County and Nevada, 2000 - 2008.\***



The percentage of low birth weight infants fluctuated for Nevada and Lyon County from 2000-2008.

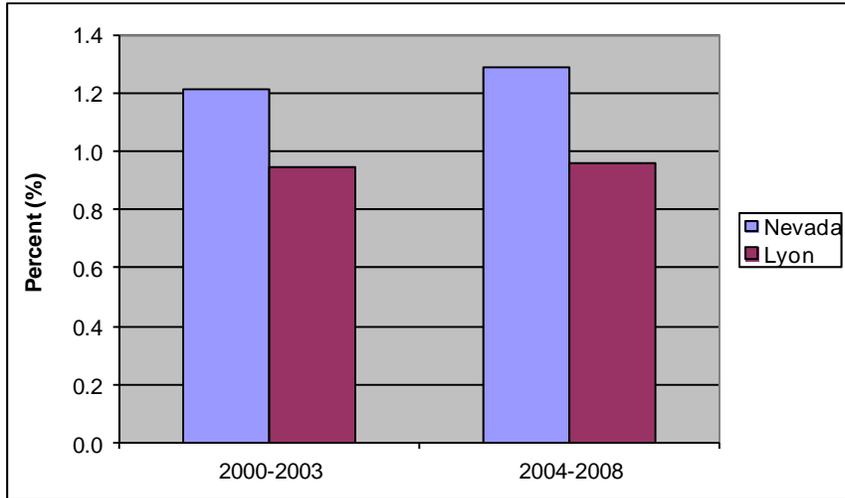
The Healthy People 2010 goal of 5 percent was not met by the state, and Lyon County only met this objective in the year 2002.

\*The Nevada data are from Nevada Vital Statistics Records. The U.S. data are from the National Vital Statistics System - Natality. 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 HP2020-8.1:** Reduce the proportion of very low birth weight infants.

**Aggregated Proportion of Very Low Birth Weight Infants, Lyon County and Nevada, 2000 - 2003 and 2004 - 2008.\***



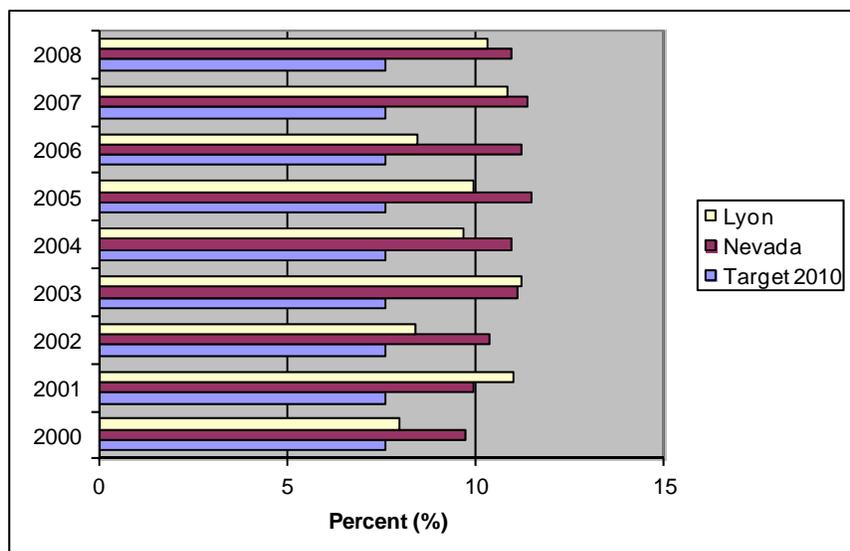
On average between the study years 2000-2008, Lyon County had a lower percentage of very low birth weight infants than the state overall, and met the Healthy People 2010 goal of .9 percent.

**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 Preterm Births, Infants Born Prior to 37 Completed Weeks of Gestation, Lyon County and Nevada, 2000 - 2008.\***

From 2000-2008, the percentage of pre-term births, infants born prior to 37 completed weeks of gestation, fluctuated for Nevada and Lyon County. The Healthy People 2010 target was not met.

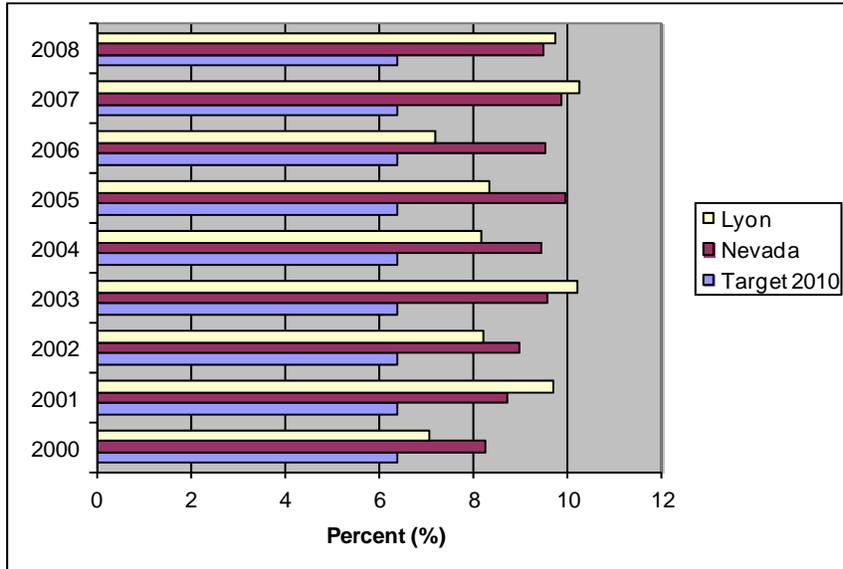


\* The Nevada data are from Nevada Vital Statistics Records. The U.S. data are from the National Vital Statistics System - Natality. Note: 2008 data are not final and are subject to change.

**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, Lyon County and Nevada, 2000 - 2008.\***



The percentage of live births at 32 to 36 completed weeks of gestation, increased from 2000-2008 for both the state and Lyon County.

The Healthy People 2010 target was not met by the county nor the state.

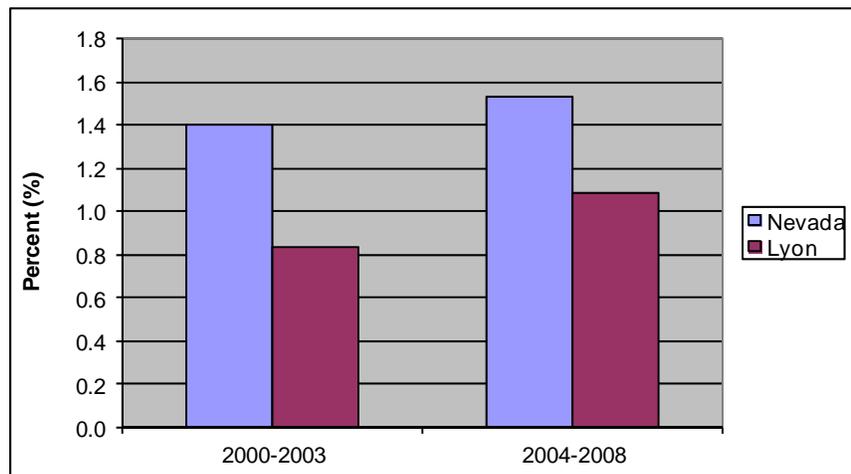
**Healthy People 2010 Objective (16-11c.):** Reduce the proportion of live births at less than 32 completed weeks of gestation.

**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, Lyon County and Nevada, 2000 - 2003 and 2004 - 2008.\***

On aggregate from 2000-2008, the percentage of live births at less than 32 completed weeks of gestation averaged higher in Nevada than Lyon County during the study periods.

Lyon County met the Healthy People 2010 target of 1.1 percent.

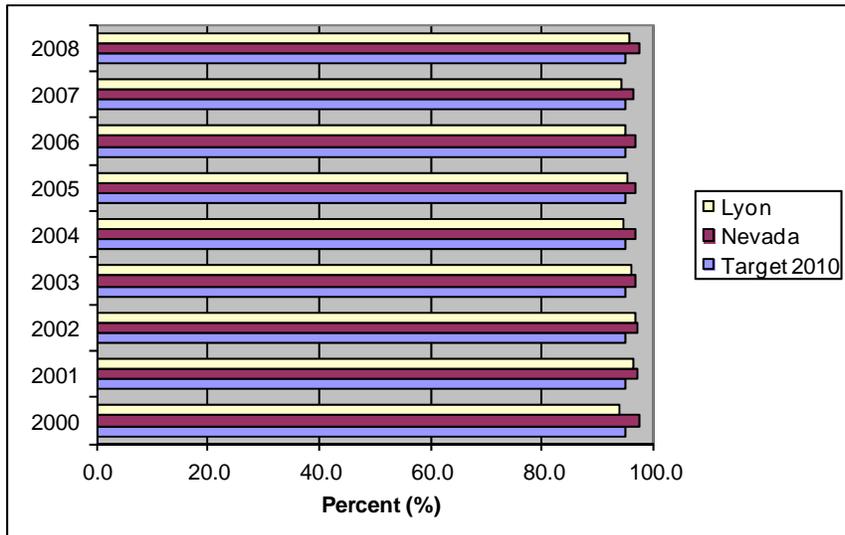


\*The Nevada data are from Nevada Vital Statistics Records. The U.S. data are from the National Vital Statistics System - Natality. Note: 2008 data are not final and are subject to change.

**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, Lyon County and Nevada, 2000 - 2008.\***



The percentage of pregnant women abstaining from alcohol fluctuated for Lyon County and Nevada from 2000—2008.

Lyon County has met the Healthy People 2010 objective of 95 percent in the years 2000, 2004, and 2007.

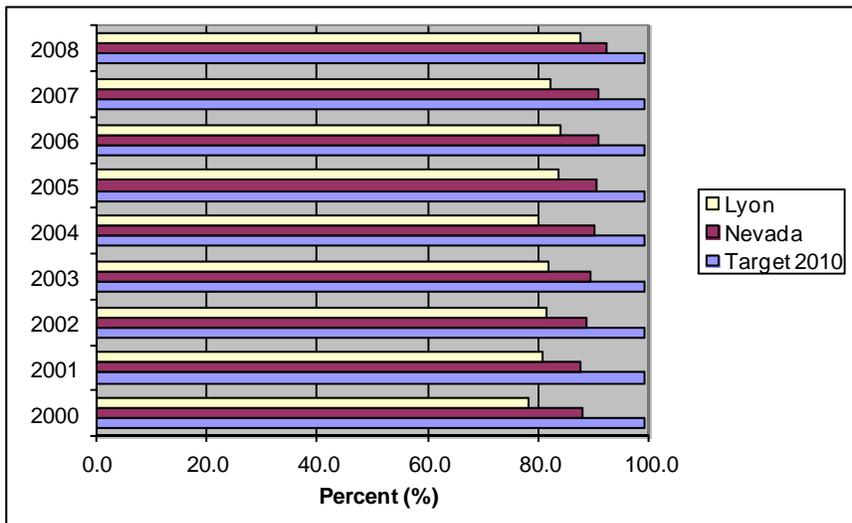
**Healthy People 2010 Objective (16-17c.):** Increase the proportion of pregnant women, aged 15-44 years, abstaining from cigarette smoking.

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

**Proportion of Pregnant Women, Aged 15 to 44, Abstaining from Tobacco, Lyon County and Nevada, 2000 - 2008.\***

The percentage of pregnant women abstaining from tobacco during the years 2000 to 2008, increased for Nevada and Lyon County.

The Healthy People 2010 target of 99 percent abstinence was not met by either the county or the state.



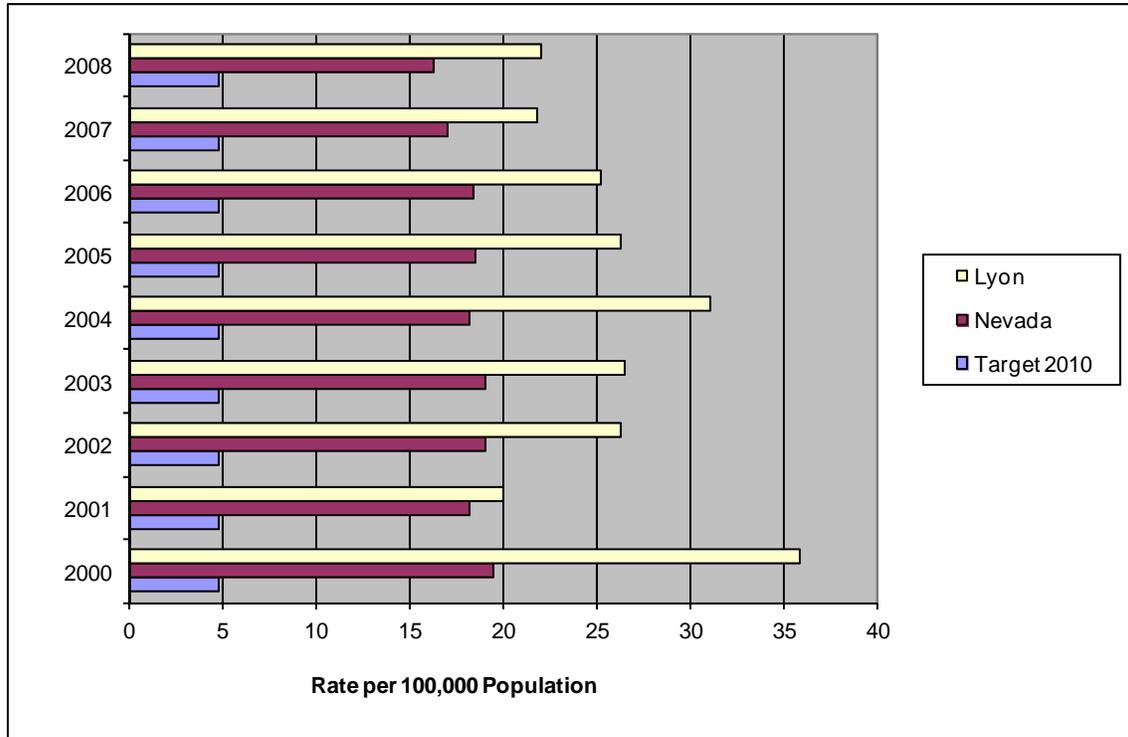
\*The Nevada data are from Nevada Vital Statistics Records. The U.S. data are from the National Vital Statistics System - Natality. Note: 2008 data are not final and are subject to change.

# 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, Lyon County and Nevada , 2000 - 2008.\*



Overall, the suicide death rate in Lyon County and Nevada decreased from 2000-2008. However, even at its lowest rate in 2001, the county still had more than four times the Healthy People 2010 target rate of 4.8 suicide deaths per 100,000 population. The target was not met by either Lyon County nor Nevada during the study years 2000-2008.

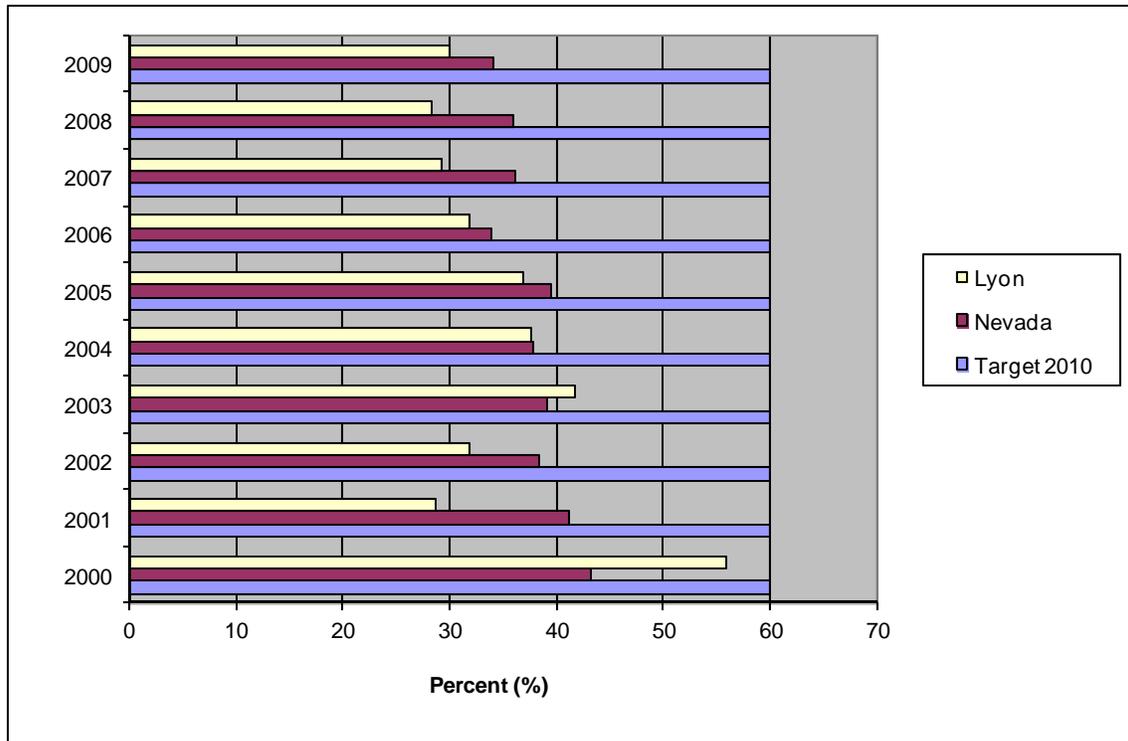
\*These rates are age-adjusted to the 2000 U.S. standard population. The Nevada data is from Nevada Vital Statistics Records (NVSR), and the U.S. data is from the National Vital Statistics System (NVSS)– Mortality. Note: 2007 and 2008 data are not final and are subject to change.

# 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, Lyon County and Nevada, BRFSS Data, 2000 - 2009.\***



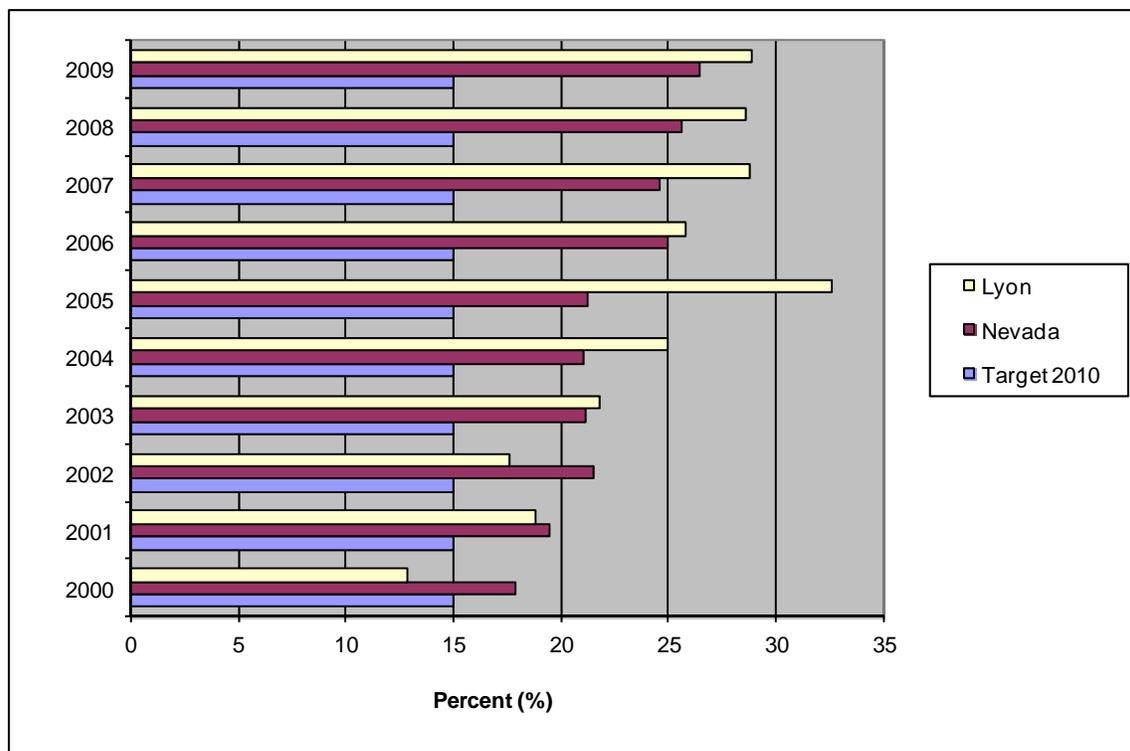
According to Behavioral Risk Factor Surveillance System data, the percentage of adults who are at a healthy weight fluctuated from 2000-2008 for Nevada and Lyon County. The rates for both the state and the county were lower in 2009 than they were in the year 2000. The Healthy People 2010 target of 60 percent was not met.

\*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, Lyon County and Nevada, BRFSS Data, 2000 - 2009.\***



From 2000-2009 the Behavioral Risk Factor Surveillance System data reported rising obesity prevalence for adults in both Nevada and Lyon County overall.

Lyon County met the Healthy People target in the year 2000 at the start of the study. However, by 2009, the percentage of obese adults in Lyon County was almost twice as high as the Healthy People objective of 15 percent.

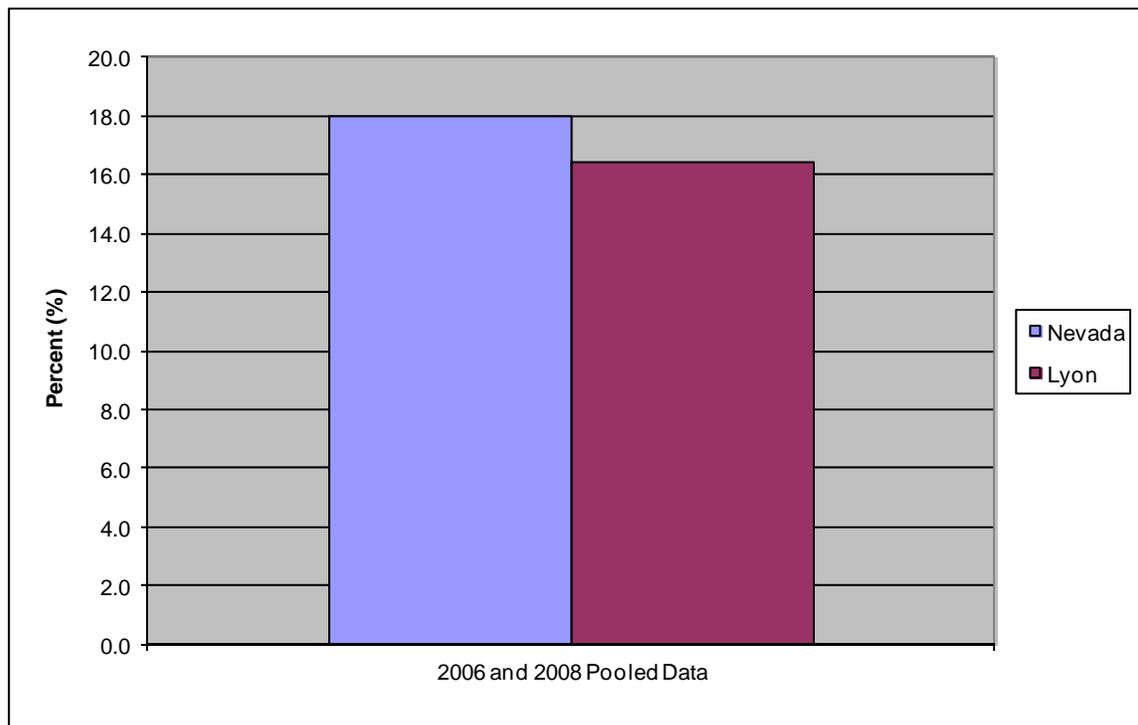
\*These percentages are weighted to survey population characteristics. Not all counties were included in the survey results. Note: Body weight estimates from self-reported heights and weights tend to be lower than those from measured height and weight.

# 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, Lyon County and Nevada, BRFSS Data, 2006 and 2008.\***



During the reported Behavioral Risk Factor Surveillance System years 2006 and 2008, the percentage of older adults, ages 65 years and older, reporting having had all of their natural teeth extracted, was lower for Lyon County than Nevada overall.

However, both the county and the state consistently met the Healthy People goal of 22 percent.

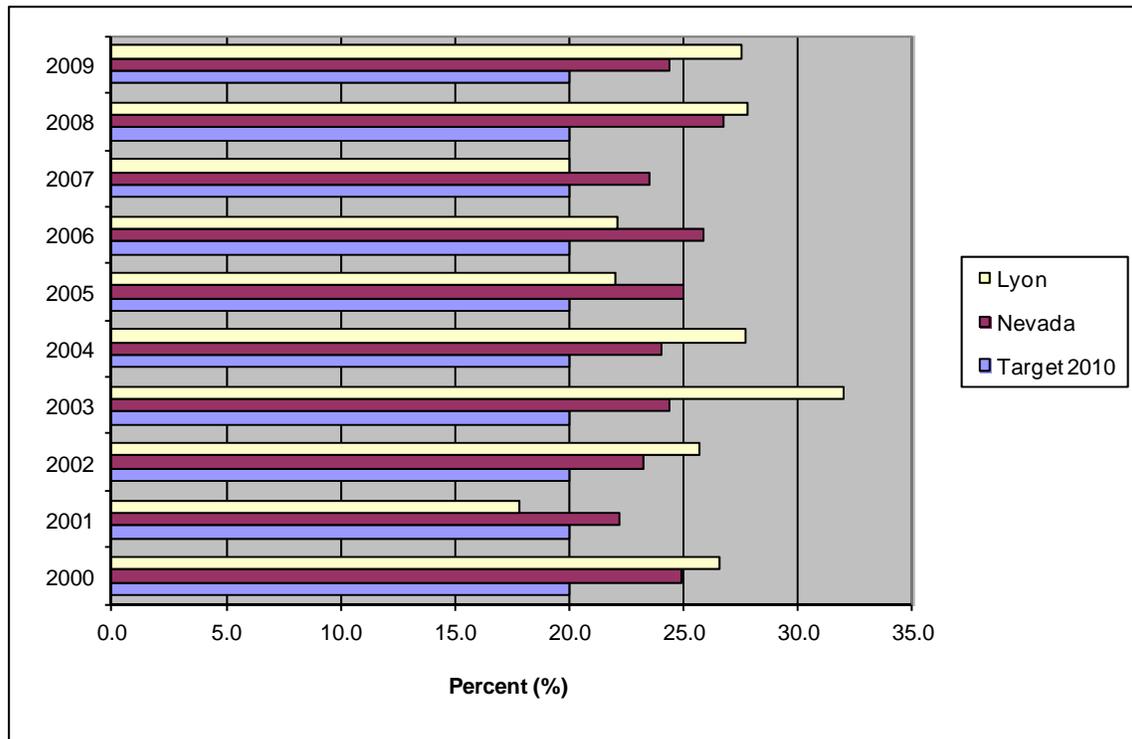
\*These percentages are weighted to survey population characteristics. Not all counties were included in the survey results.

# 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, Lyon County and Nevada, BRFSS Data, 2000 - 2009.\***



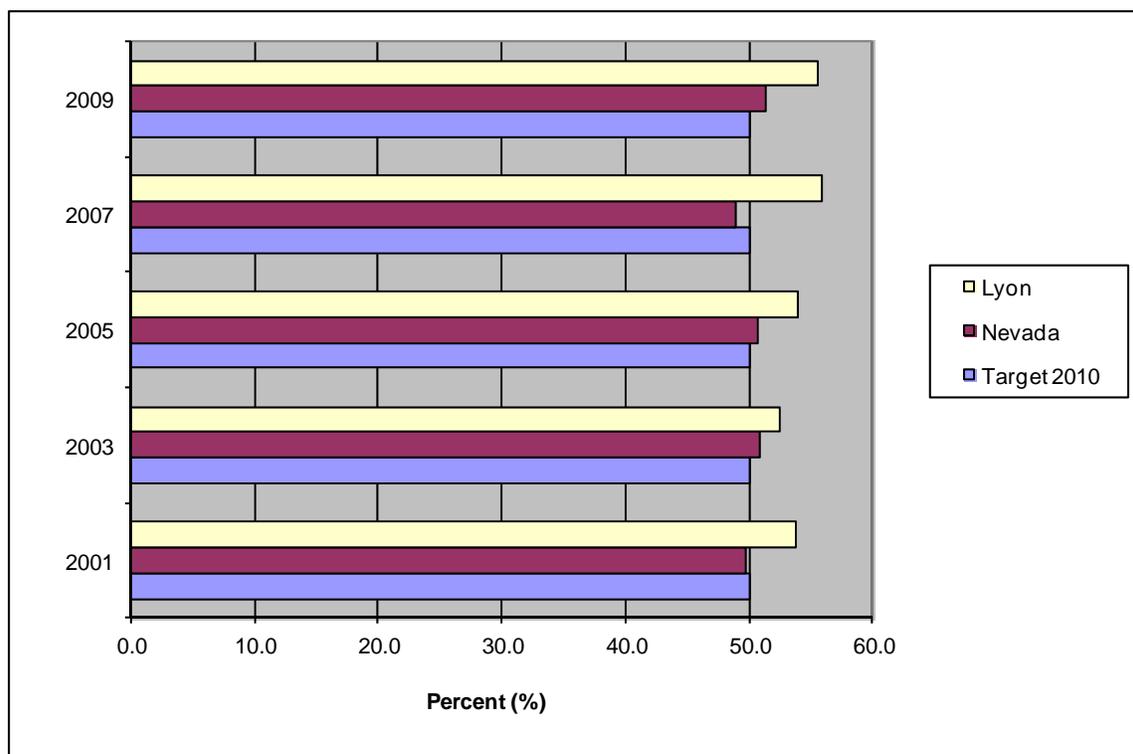
Over the decade, the percentage of adults who engage in no leisure time physical activity fluctuated for Nevada and Lyon County. According to the Behavioral Risk Factor Surveillance System data the county met or exceeded the Healthy People 2010 objective of 20 percent for each of the reported years except 2001.

\*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, Lyon County and Nevada, BRFSS Data, 2001, 2003, 2005, 2007, 2009.\***



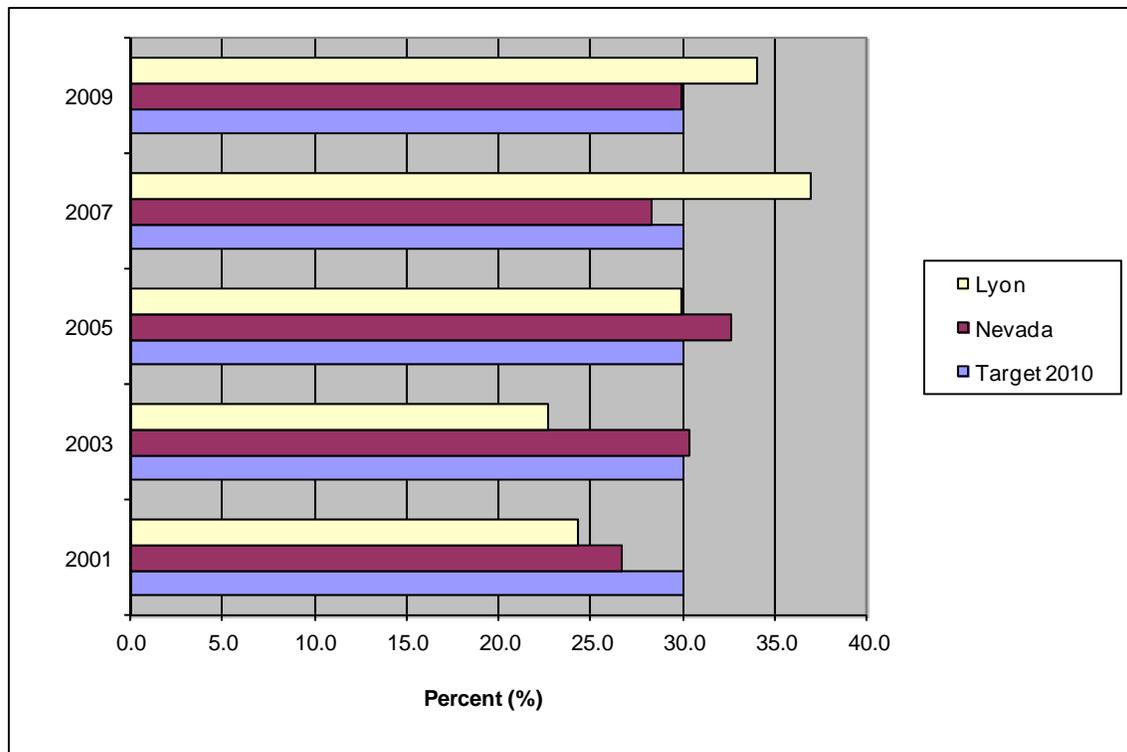
From 2001 to 2009, Lyon County consistently exceeded the Healthy People 2010 goal of 50 percent for the proportion of adults who engage in aerobic physical activity of at least moderate intensity for at least 150 minutes per week or of vigorous intensity for at least 75 minutes per week or an equivalent combination.

\*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, Lyon County 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 or an equivalent combination increased for both Nevada and Lyon County from 2001 to 2009. The Healthy People 2010 goal of 30 percent was met or exceeded by the county in the years 2007 and 2009.

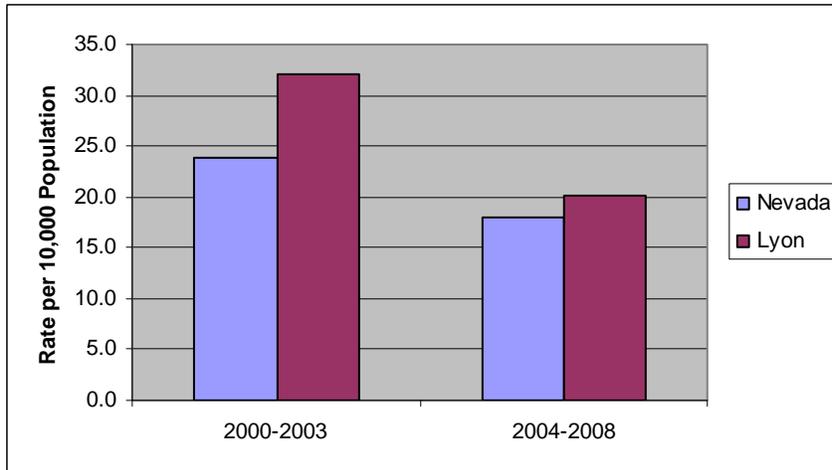
\*These percentages are weighted to survey population characteristics. Not all counties were included in the survey results.

# Respiratory Diseases

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

**Healthy People 2020 Objective RD HP2020-21.:** Reduce hospitalizations for asthma in children under age 5 years.

**Aggregated Hospitalizations for Asthma in Children Under Age 5 Years, Lyon County and Nevada, 2000 - 2003 and 2004 - 2008.\***



Asthma hospitalizations for children, ages below 5 years, declined for Nevada and Lyon County from 2000-2008.

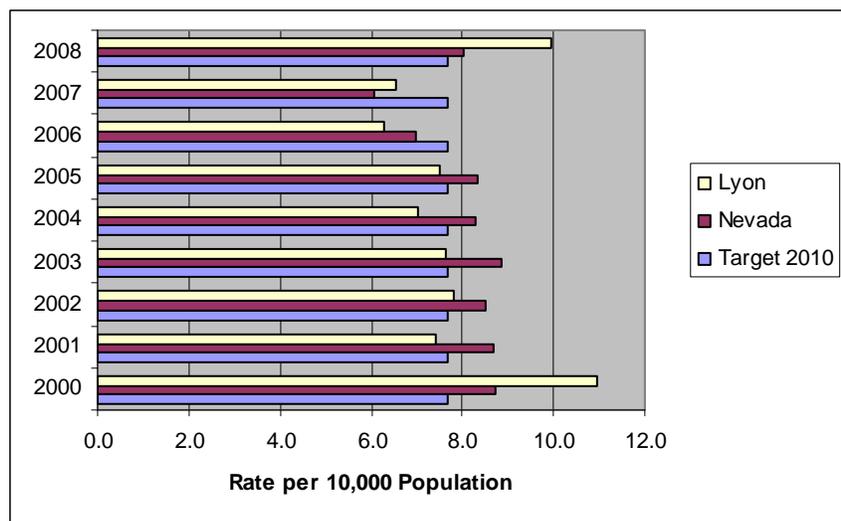
From 2004-2008 both the county and the state met the Healthy People 2010 target rate of 25.0 per 10,000 population.

**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, Lyon County and Nevada, 2000 - 2008.\***

From 2000-2008, Lyon County met the Healthy People 2010 target rate of 7.7 hospitalizations per 10,000 population in 6 of the 9 study years for the rate of asthma hospitalizations for children and adults, ages 5 to 64 years.

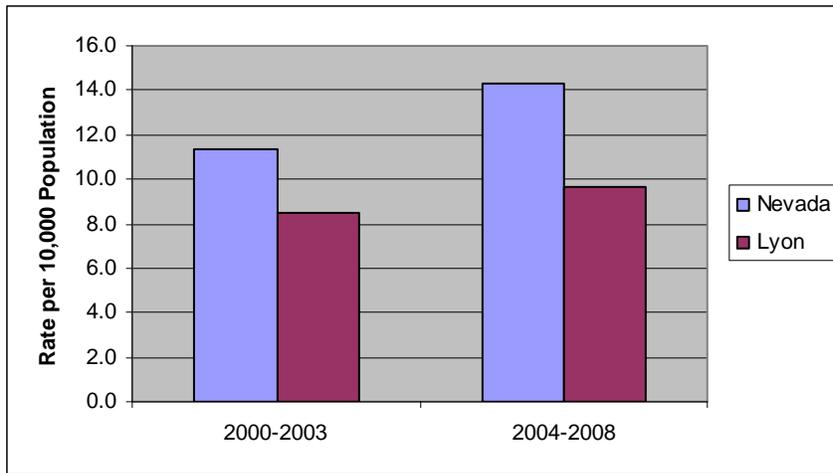


\*The Nevada data are from Nevada Inpatient Hospital Discharge Database (NIHDD).

**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.

**Aggregated Hospitalizations for Asthma in Adults Aged 65 Years and Older, Lyon County and Nevada, 2000 - 2003 and 2004 - 2008.\***



Asthma hospitalizations for adults, aged 65 years and older, increased for both Lyon County and Nevada on average from 2000-2008.

Lyon County met the Healthy People 2010 target rate of 11.0 per 10,000 population in both study periods.

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

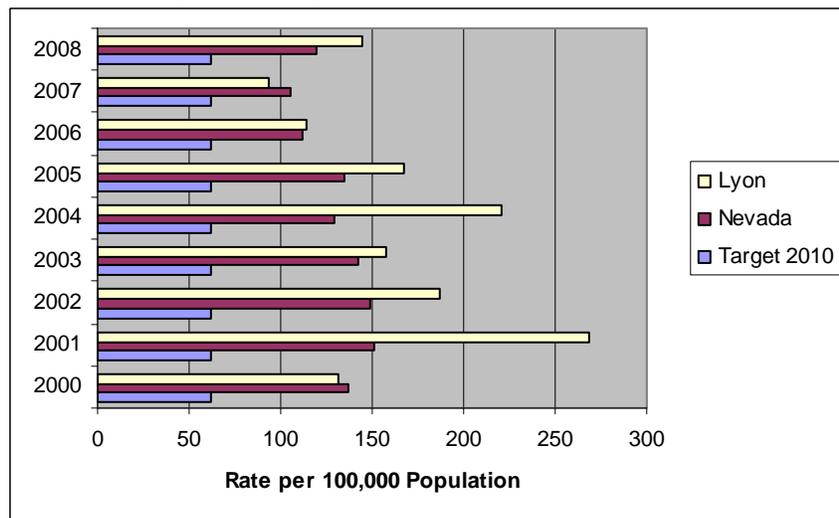
**Healthy People 2010 Objective (24-10.):** Reduce deaths from chronic obstructive pulmonary disease among adults.

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

The chronic obstructive pulmonary disease (COPD) mortality rate fluctuated during the years 2000 to 2008 for both Nevada and Lyon County.

The Healthy People 2010 objective rate of 62.3 deaths per 100,000 population was not attained by either the state nor the county. Most years the county rate was more than twice the target rate.

**Age-Adjusted Chronic Obstructive Pulmonary Disease Deaths, Lyon County and Nevada, 2000 – 2008.\***



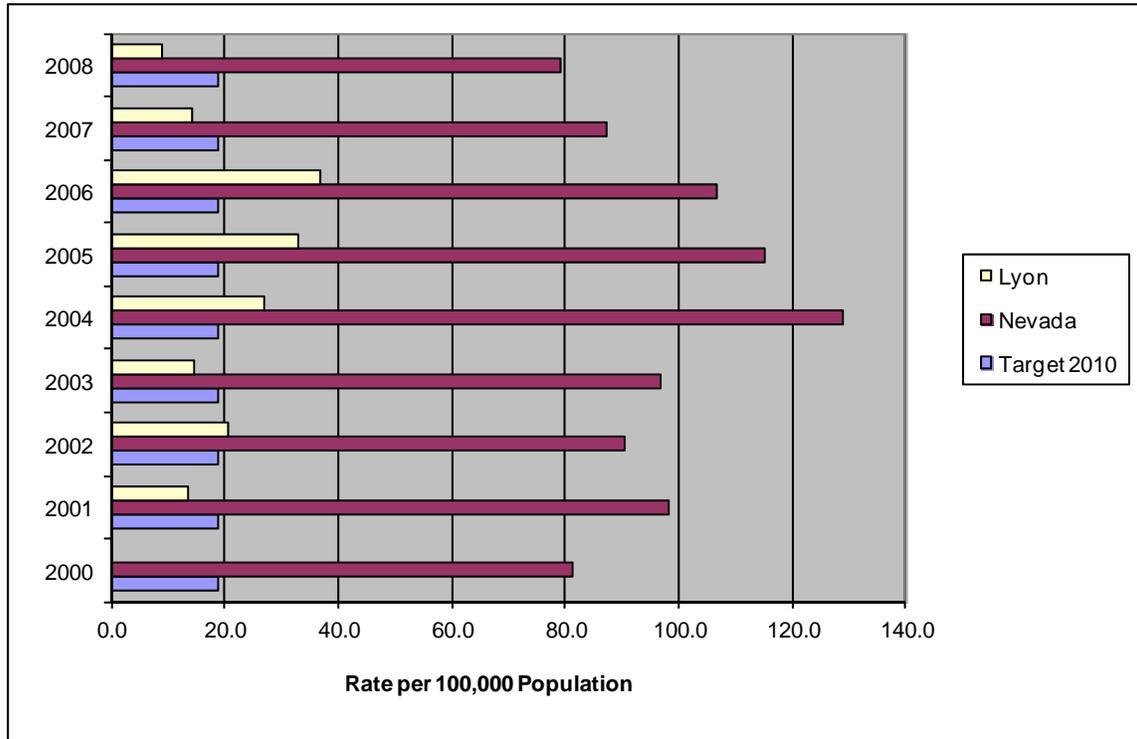
\*These rates are age-adjusted to the 2000 U.S. standard population. The Nevada data are from Nevada Vital Statistics Records. Note: 2007 and 2008 data are not final and are subject to change.

# 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, Lyon County and Nevada, 2000 - 2008.\*



Gonorrhea rates fluctuated from 2000-2008 for Lyon County and the state. The rate for Nevada decreased from 2004-2008. However, in 2008 the state rate was still more than 5 times higher than the Healthy People 2010 target rate of 19.0 per 100,000 population.

The county rate increased from 2000-2006, and declined from 2006-2008. Lyon County met the Healthy People 2010 objective in 2001, 2003, 2007, and 2008.

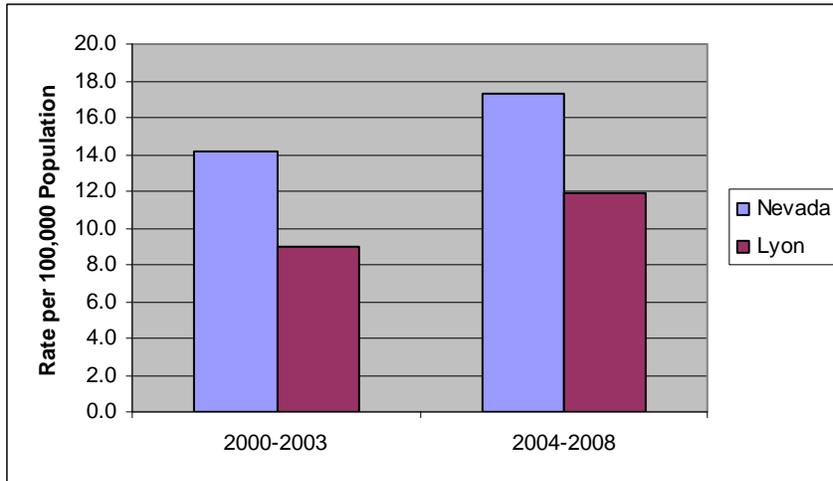
\*Nevada data are provided by the STD-MIS database.

# 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, Lyon County and Nevada 2000 - 2003 and 2004 - 2008.\***



On average, the drug induced mortality rate increased from 2000-2008 for both Nevada and Lyon County.

From 2004-2008, both rates were more than 10 times higher than the Healthy People 2010 target rate of 1.2 deaths 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.

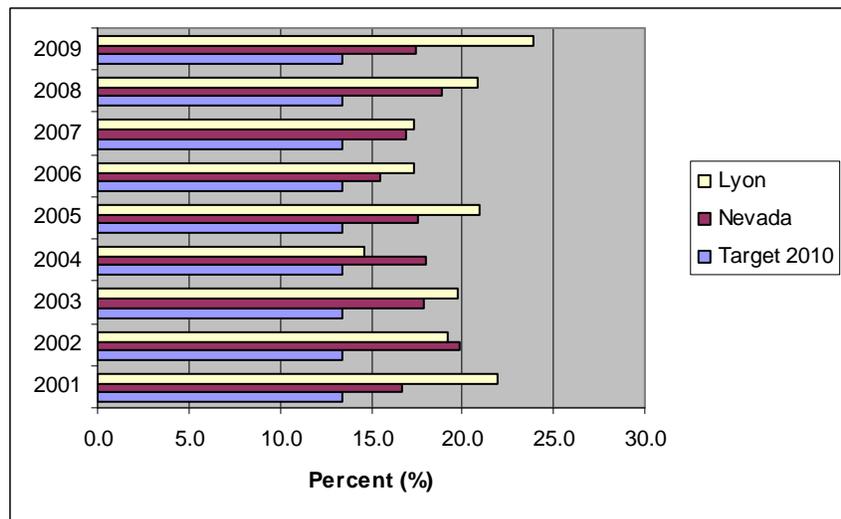
**Healthy People 2010 Objective (26-11c.):** Reduce the proportion of adults, aged 18 years and older, engaging in binge drinking of alcohol.

**Healthy People 2020 Objective SA HP2020-1:** Reduce the proportion of adults, aged 18 years and older, engaging in binge drinking of alcohol.

The percentage of adults, 18 years of age and older, engaging in binge drinking of alcohol fluctuated for both the state and Lyon County from 2001-2009 per the Behavioral Risk Factor Surveillance System data.

There was a steady increase in the Lyon County rate from 2007-2009. The Healthy People 2010 goal of 13.4 percent was not met.

**Proportion of Adults Aged 18 Years and Older Engaging in Binge Drinking Alcohol, Lyon County and Nevada, BRFSS Data, 2001 - 2009.\***



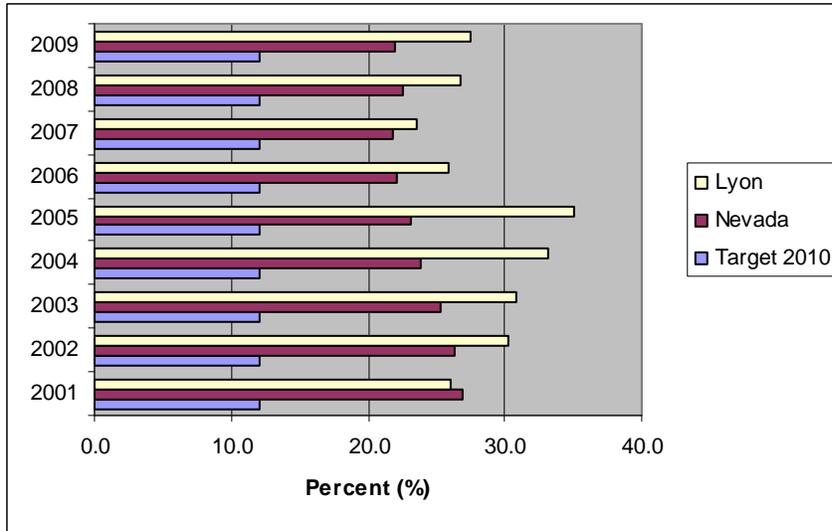
\*These percentages are weighted to survey population characteristics. Not all counties were included in the survey results.

# 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, Lyon County and Nevada, BRFSS Data, 2000 - 2009.\***



From 2001-2009, the percentage of cigarette smoking adults declined for Nevada, while the Lyon County rate fluctuated. The Healthy People 2010 target of 12 percent was not met and was more than twice the target in Lyon County for every study year.

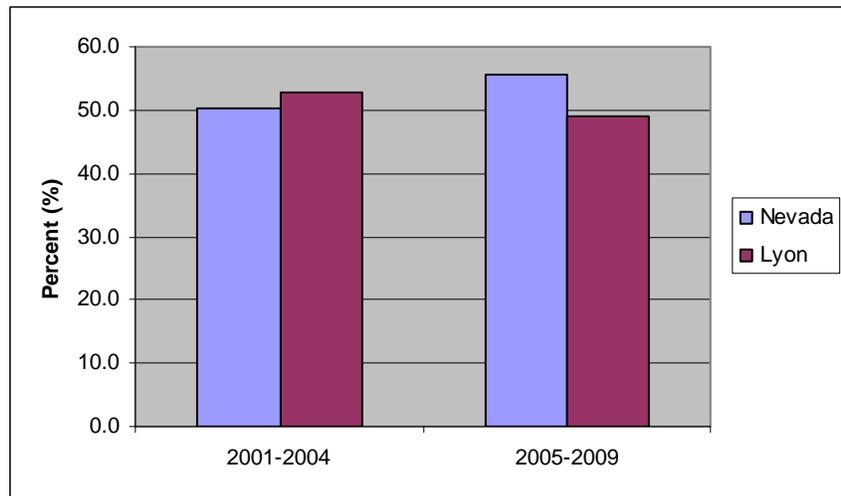
**Healthy People 2010 Objective (27-5.):** Increase smoking cessation attempts by adult smokers.

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

According to the Behavioral Risk Factor Surveillance Survey System data, the percentage of adults reporting smoking cessation attempts in the past year increased for the state and decreased for Lyon County on average between 2001-2009.

The Healthy People goal of 80 percent was not met.

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



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

## **Healthy People 2010: Lyon County Indicator Exemptions**

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

- Blood Disorders and Blood Safety (BDBS):
  - BDBS 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.
- Human Immunodeficiency Virus (HIV):
  - HIV HP2020-7: HIV infection death rate.
- Immunizations and Infectious Diseases (IID):
  - IID HP2020-3: Crude rate of reported new cases of Hepatitis A.
  - IID HP2020-4: Crude rate of reported cases of Meningococcal disease.
  - IID HP2020-5: Crude Rate of reported new cases of Tuberculosis.
  - 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 HP2020-15f: Reduce infant death rate from birth defects.
  - MICH HP2020-15g: Reduce infant death rate from birth defects (congenital heart failure).
  - 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.