

# Overview of Injuries in Nevada 2000-2004

February 2008

Nevada State Health Division

*Overview of Injuries in Nevada 2000-2004* is the first report in a series that will examine the leading types of intentional and unintentional injuries affecting Nevada.

The report takes into account all injuries that happen in the state, not just injuries to Nevada residents. Information is compiled from Mortality and Hospital Discharge databases. Death information is compiled by death certificates that are filed with the Office of Vital Records. Hospital Discharge is claims information reported by a facility where a patient was admitted to a hospital for treatment. Hospital Discharge Information does not include patients seen only at an emergency room or urgent care.

Injuries are broken down into three categories: Accidental or unintentional, which includes motor vehicle accidents; Intentional, which includes suicide, and lastly violent injuries, which include homicide or assault.

Intentional and unintentional injury related deaths accounted for a little over nine percent (9.1%) of the total number of deaths (N= 87,163) between the years 2000 to 2004 in the state of Nevada, and 7.6 percent of the total number of hospital discharges (N=1,195,247) during the same time period.

Year	Number of Deaths occurring in Nevada due to Injury
2000	1,387
2001	1,415
2002	1,596
2003	1,706
2004	1,792
<b>Total 2000-2004</b>	<b>7,896</b>

Year	Number of Hospital Discharges occurring in Nevada due to Injury
2000	16,174
2001	17,822
2002	18,586
2003	18,039
2004	19,951
<b>Total 2000-2004</b>	<b>90,572</b>

## Deaths Due to Injury

Unintentional injuries are the leading cause of death both nationally and in the state of Nevada for people between the ages of 1 and 44. Between the years 2000 to 2004, nearly 5,000 people died in the state due to an unintentional injury. This accounts for 60 percent of the total number of injury related deaths.

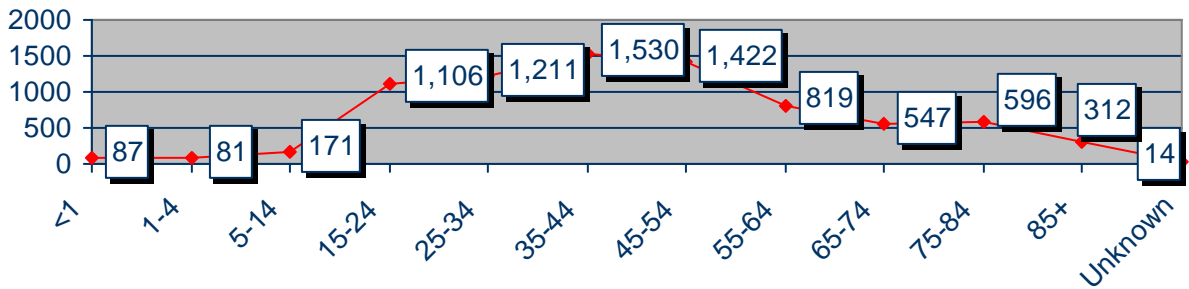
<b>Top 13 Causes of Death occurring in Nevada by Disease Type</b>	<b>Total 2000-2004</b>
Diseases of Heart	23,534
Malignant Neoplasm (Cancer)	19,616
Chronic Lower Respiratory Diseases	5,693
Cerebrovascular diseases (stroke)	5,182
<b>Accidents</b>	<b>4,739</b>
<b>Intentional Self-Harm (Suicide)</b>	<b>2,204</b>
Nephritis, Nephrotic Syndrome	2,050
Influenza and Pneumonia	1,916
Septicemia	1,964
Diabetes Mellitus	1,554
Chronic Liver Disease	1,451
Alzheimer's Disease	1,245
<b>Assault (homicide) &amp; Legal Intervention</b>	<b>953</b>
All Others	15,062
<b>Total</b>	<b>87,163</b>

When looking at the top thirteen causes of death between the years 2000 to 2004, unintentional injuries are the fifth leading cause of death in the state of Nevada and in the United States as reported by the Center for Disease Control and Prevention (CDC). The most common unintentional injury is motor vehicle accidents. Suicide was the sixth leading cause of death during the years 2000 to 2004. Homicide and Legal Intervention was the thirteenth leading cause of death in the state of Nevada during 2000 to 2004, with a total of 953. This accounted for 12.1 percent of the total number of injuries.

## Deaths Due to Injury

During 2000 to 2004, males were 2.5 times more likely to die due to injury verses their female counterparts. This could be explained in part by the theory that men are prone to be involved in more risk taking behaviors and activities.

**Number of Deaths Due to Injuries, Occuring in Nevada by Age Group, 2000-2004**



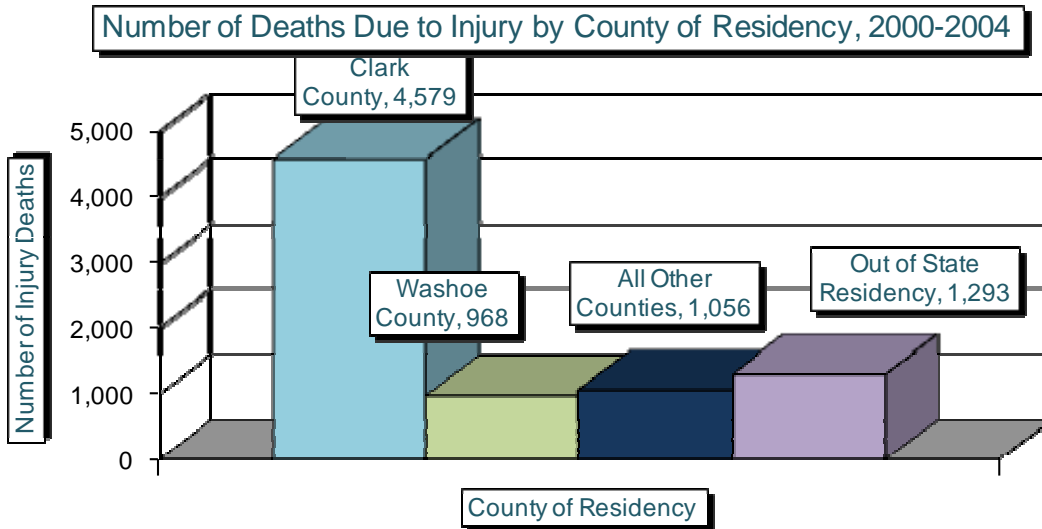
The highest number of injury related deaths occurred in the 35-44 age group, followed closely by the 45-54 age group, with 1,530 and 1,422 deaths, respectively. The lowest number of deaths was in the 1-4 age group, with 81 deaths due to injury between the years 2000 to 2004.

When looking at race/ethnicity whites accounted for 73.7 percent of deaths due to injury. This follows the race/ethnicity population distribution of Nevada since nearly 65 percent of the population is white.

Race/Ethnicity	Number of Deaths occurring in Nevada due to Injury, 2000-2004
White	5,823
Black	674
Native American	133
Asian	242
Hispanic	995
Other	3
Unknown	26
<b>Total</b>	<b>7,896</b>

Deaths Due to Injury

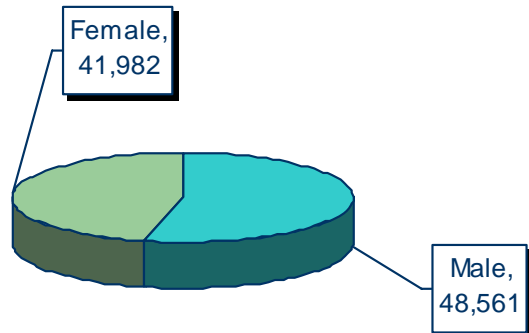
Clark County had the highest numbers of deaths due to injuries followed by Washoe County with 4,579 and 968, respectively. This follows the geographic population distribution since most of Nevada's population is centralized in Clark and Washoe Counties.



**Number of Deaths due to Injuries by Gender, 2000-2004**



**Number of Injury Related Hospital Discharges by Gender, 2000-2004**



## Hospital Discharges Due to Injury

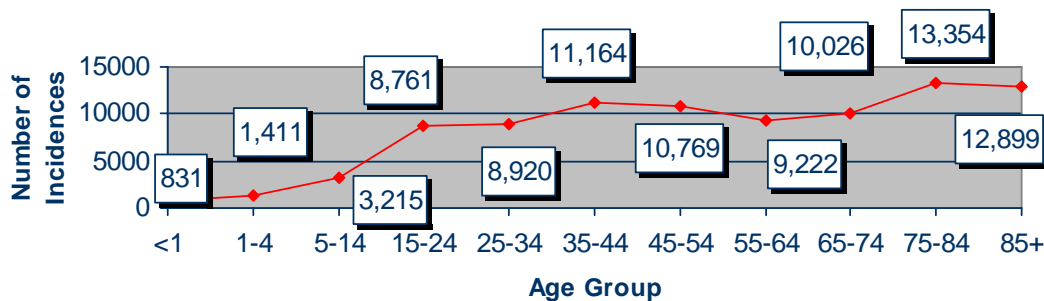
There were a total of 1,195,247 people discharged from a hospital facility in the state of Nevada during the years 2000 to 2004, with 90,572 or 7.6 percent of those discharges injury related.

Year	Number of Injury Related Hospital Discharges
2000	16,174
2001	17,822
2002	18,586
2003	18,039
2004	19,951
<b>Total</b>	<b>90,572</b>

Elderly people ages 75-84 experienced more discharges from a hospital facility due to an injury than any other age groups. Males had a slightly higher crude rate of hospital discharges verses females per 100,000 people at 439.9 and 380.3, respectively.

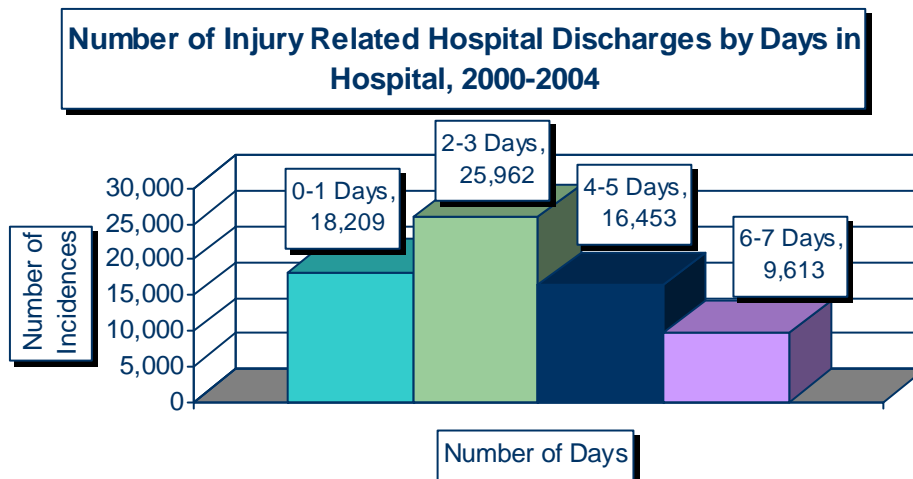
Over 59 percent of injury related hospital discharges from a facility are a routine discharge to home or self care and 67 percent of people who are discharged from a hospital facility are in the hospital for five days or less.

**Number of Injury Related Hospital Discharges by Age Group, 2000-2004**



## Overview of Injury in Nevada

February 2008



This report has been written and compiled by the staff at the Center for Health Data and Research (CHDR), located in the Bureau of Health Planning and Statistics, part of the Nevada State Health Division. Please visit the Nevada State Health Division and CHDR's website at <http://health.nv.gov>.

The Overview of Injury in Nevada is part of a series of reports that will review and provide details on the status of injury and injury related deaths. Reports are produced on a bi-monthly schedule and are available on our website. If you would like more information, or to be included on our mailing list for such reports, please contact: Alicia Chancellor Hansen, M.S., Chief Biostatistician by phone at (775) 684.4161 or by email at [ahansen@health.nv.gov](mailto:ahansen@health.nv.gov).