# 1996 Utah Health Status Survey Report

# INJURIES IN UTAH

## Bureau of Surveillance and Analysis
## Office of Public Health Data

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# Injuries in Utah

Bureau of Surveillance and Analysis
Office of Public Health Data

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## ACKNOWLEDGMENTS

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The information in this report is based on data collected in the 1996 Utah Health Status Survey. The survey represents the third of its type, with previous surveys conducted in 1986 and 1991. It provides information on a variety of topics related to health status and health care delivery systems at statewide and health district levels. These topics are presented in separate reports due to be released in 1997 under the headings listed below.

*Health Insurance Coverage*
*Health Care Access and Utilization*
*Health Status in Utah*
*Socio-Economic Determinants of Health Status*
*Behavioral Risk Factors: Alcohol, Tobacco, and Exercise*

*Chronic Medical Conditions*
*Preventive Health Screening*
*Injuries in Utah*
*Interpersonal Violence*
*Hearing, Vision, and Speech Disorders*

The survey was funded by a one-time legislative appropriation and was designed, analyzed, and reported by the Utah Department of Health, Bureau of Surveillance and Analysis. The survey sample was designed to be representative of Utahns, and is perhaps best described as a weighted probability sample consisting of approximately 6,300 households disproportionately stratified by twelve local health districts that cover the entire state.

The Gallup Organization conducted the telephone interviews using computer-assisted random digit dialing techniques. In each household, one adult (age 18 or older) was randomly selected to respond to survey questions about themselves, about the household as a unit, or with regard to each household member. In addition to "core" survey questions that were asked of every household, sets of supplemental questions were administered to different subsets of the overall sample. The survey results were weighted to reflect the age, sex, geographic distribution, and Hispanic status of the population. Selected analyses were adjusted for non-telephone households. The interview process took place over a three month period from June to August, 1996. The cooperation rate was 66.3%. A detailed description of the methodology can be found in the *Technical Notes* section of this report.

The information in this report can be used to facilitate policy and planning decisions. While it is intended for public health program managers, administrators, and other health care professionals in the public and private health care sectors, the report may also be of interest to anyone wishing to inform themselves on the current health situation in Utah.

Injuries are a significant public health problem nationwide and in Utah. The frequency, impact, and costs of injury to individuals and society are enormous, and most can be prevented. An important first step towards developing a comprehensive injury prevention plan begins with collecting and presenting data to help us understand the nature and magnitude of the injury problem. The information in this report helps identify who is at greatest risk of injury in Utah and the characteristics of common injuries.

For the purposes of this report, injuries are defined as any intentional or unintentional injury during the last 12 months that limited a person's usual activities for a day or longer or caused them to seek medical attention. Intentional injuries such as physical violence are included in the survey estimates. For most injuries we can not identify whether they were intentional, however, we believe that the vast majority of the injuries reported to us were unintentional. Injuries resulting from interpersonsal violence will be addressed in a separate report.

The estimates in this report are based on the responses to the 1996 Utah Health Status Survey of approximately 6,300 Utah households, including over 20,000 persons. The injury questions were asked of every household in the survey sample, and about every member of the household. This report provides information on injury rates in Utah, the percentage of persons who were injured more than once in the past 12 months, the percentage of persons who received medical attention for their most recent injury, and the causes and places that injuries occurred.

Causes of injuries were provided open-ended by the respondent, and then coded into one of 16 categories by the survey interviewer. For presentation purposes, these 16 categories have been summarized into five general categories: Falls, Lifting, Sports/Leisure Activities, Motor Vehicle Related Injuries, and injuries categorized as Other or Unknown Cause. "Falls" includes falling down, falling off of something, and tripping or twisting an ankle. The category labeled "Lifting" includes lifting objects, and also includes responses such as, "strained back," and "shoveling snow." "Sports/Leisure Activities" refers to organized team sports such as basketball, individual sports such as skiing, and leisure-time activities such as "trampoline," and "jumping across stream." Motor Vehicle Related Injuries include traffic accidents, injuries incurred by pedestrians, as well as those incurred while using a motorized off-road vehicle of some sort. Injuries categorized as "Other Causes" include the questionnaire categories poisoning or overdose, injury caused by animals, watercraft and water injury, near drowning, choking/near suffocation other than drowning, firearms/assault with a firearm, physical violence and fire/flames. It also includes responses that could not be classified, such as "old injury," "clumsiness," and "landscaping." These "other" responses that the interviewer could not classify were recorded verbatim by the survey interviewer and classified by the Department of Health analytic staff where a logical classification was possible. The "Other" category also includes injuries due to unknown causes, where the respondent either said they did not know, or they declined to provide an answer to the question.

The places where the injury occurred were also provided open-ended by the respondent, and then coded into one of 11 categories by the survey interviewer. For presentation purposes, these 11 categories have been summarized using six general categories. Home, Work, Place for Recreation and Sport, Street, School, and Other or Unknown Place. "Home" was one of the 11 original categories. "Work" includes the original questionnaire categories farm, mine/quarry, and workplace and premises other than farm or mine.

"Place for recreation and sport" was an original category on the questionnaire. "Street" was an original category labeled "street/highway." "School" was a response labeled "school building/grounds." The "Other" category includes the following responses: public building (other than school), residential institution, other specified place and other unspecified place. The "other" responses were not recorded by the survey interviewers.

The report is organized around the following sections:

I  The **Highlights** section reports general findings of interest or importance.

II  **Reference Tables** provide detailed survey estimates and 95% confidence intervals.

  A  Tables 1 through 5 present Utah's injury rate by selected demographic and lifestyle characteristics. It also provides information on the percentage of persons who were injured more than once in the past 12 months, and the percentage of persons who received medical attention for their last injury.

  B  Tables 6 through 10B present information on common injury causes and the places where injuries occurred by selected demographic characteristics.

  C  Tables 11A through 11L present injury rates and characteristics for Utah's 12 local health districts.

  D  Tables 12 through 14 provide information regarding two issues for injury prevention: The use of helmets among Utah's bicycle-riders and skateboarders/rollerbladers, and the possession and safe storage of guns in Utah.

In addition, a Technical Appendix describes the Health Status Survey data collection and analysis process.

*Other Injury-Related Information Sources*

The scope of this report is limited to data from the 1996 Utah Health Status Survey. Many injury-related questions were not asked in the survey because they are available from other data sources. The list of selected data sources is provided at the end of this report for those interested in pursuing additional injury-related documents and databases.

- Overall, 10.5%, or approximately 208,100 Utahns, sustained one or more injuries in the 12 months preceding the survey interview. These were injuries that limited a person's usual activities for a day or longer or caused them to require medical attention.

- 2.5% of all Utahns sustained two or more such injuries.

- 9.1% of all Utahns said the injury required them to seek medical attention (most recent injury, if more than one).

- Certain population groups were more likely to sustain an injury than others. Those groups include:

    - Males (12.4% had one or more injuries),
    - Persons age 16-24 (13.7%), and especially males in this age group (18.0%),
    - Adults employed full time (12.1%),
    - Persons in household with less than $15,000 annual income (13.4%),
    - Persons living in apartments (13.6%),
    - Persons with a hearing (15.0%) impairment,
    - Persons who exercise regularly (12.5%),
    - Adults who drink moderately (14.0%) or heavily (20.7%), and
    - Adults who smoke cigarettes (14.7%).

- Injuries were most commonly caused by falls (29.7% of all injuries), sports and leisure activities (25.3%), lifting (10.9%), and motor vehicle related incidents (8.2%).

- The causes of injuries differed, depending on a person's demographic characteristics.

    - Males were most likely to be injured in sports/leisure activities, females in a fall.
    - Persons age 5-24 were more likely to be injured in sports/leisure activities, those age 4 and under, or age 45 and over were most likely to be injured in a fall.
    - Those age 16-24 had higher rates of motor vehicle related injuries than the other groups, although the most common cause of injury for this group was sports/leisure activities.

- Injuries were most likely to happen in the home (31.3% of all injuries), workplace (18.0%), a place for recreation or sport (16.1%), on the street (9.3%), or in school (6.3%).

- The location, or place where an injury happened also depended largely on a person's demographic characteristics.

    - While both males and females were most likely to be injured at home, males were more likely than females to be injured in the workplace.
    - Persons age 15 and under and 45 and over were most likely to be injured at home, those age 16-24 in a place for recreation or sport, and those age 25-44 in the workplace.
    - Those injured at home were most likely to be injured by a fall, those injured in the workplace were

most likely to be injured by lifting, those injured at a place for recreation or sport were most likely to be injured in a sports or leisure activity, those injured in the street were most likely to be injured in a motor vehicle related injury, and those injured in school were most likely to be injured in a sports or leisure activity.

- There was a dramatic increase in helmet use among bicyclists. For persons of all ages, 24% reported always wearing a helmet while riding in 1996, compared with only 7.2% in 1991. Those reporting they never wore a helmet decreased from 84.1% in 1991 to 43.1% in 1996.

- There were demographic differences in the likelihood that a person wore a helmet while cycling. Those who were most likely to report that they never wore a helmet were:

  - Adults who did not graduate from high school (66.2%), and
  - Persons living in Central (70.0%), and Tri-County (62.5%) Health Districts.

- For those who use a skateboard or in-line skates, 20.2% reported that they always wore a helmet, and 50.5% indicated that they never wore one.

- Overall, 43.9% of Utah households had one or more guns on the premises. These guns are stored as follows:

  - 56.1%, no guns in the household,
  - 29.4%, all guns stored in a locked location,
  - 3.5%, unlocked guns in the household, but no ammunition available,
  - 8.1%, guns not locked, not loaded, but with ammunition in the home,
  - 2.9%, loaded guns somewhere other than a locked location.

- Those most likely to have guns in the household include:

  - Households with annual incomes of $55,000 or more (56.2%),
  - Those in houses (50.4%) and mobile homes (41.7%), as opposed to apartments (20.6%) or condominiums (24.6%),
  - Households outside the Wasatch Front (58.7%),
  - Households with children age 17 or under living there (48.1%), and
  - Households in Southwest (55.7%), Tooele (57.6%), Wasatch (62.0%), Southeast (63.0%), Tri-County (68.1%), and Central (69.3%) Health Districts.

# HIGHLIGHTS

## Overall Injury Rates by Sex and the Occurrence of More Than One Injury in the Past 12 Months. Utah, 1996.
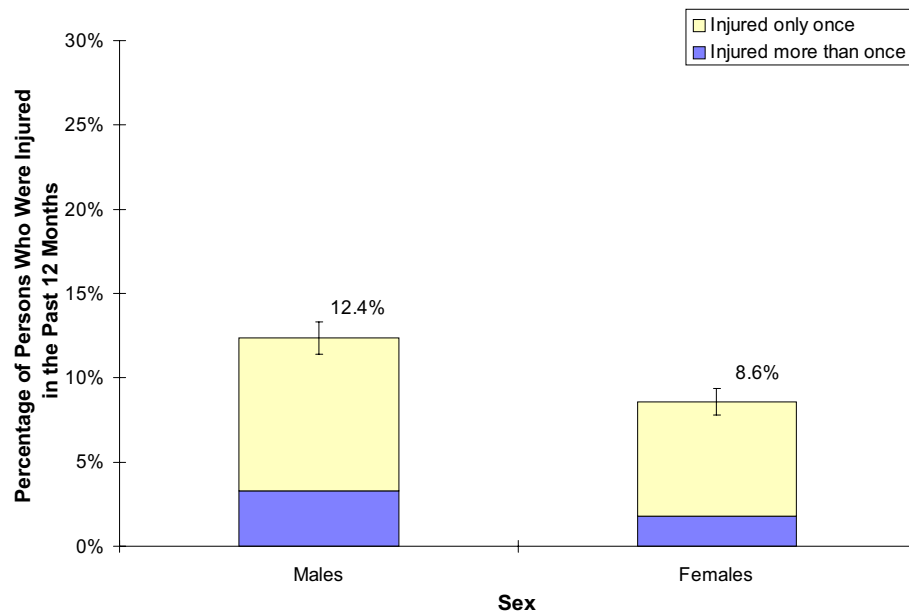


- **Males are more likely to be injured than females. Overall, 10.5% of all Utahns received an injury.**

## Overall Injury Rates by Age Group and Occurrence of More Than One Injury in the Past 12 Months. Utah, 1996.
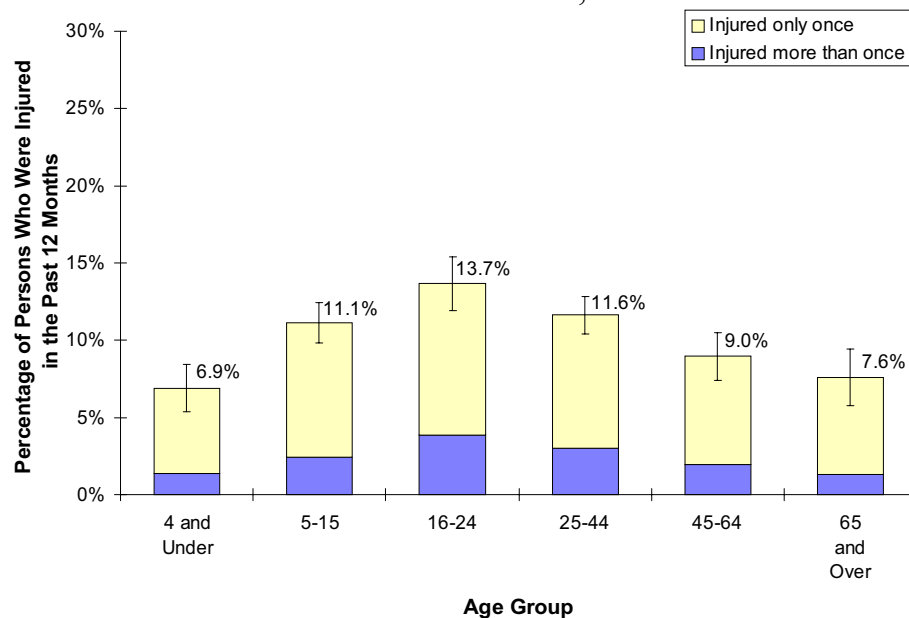


- **The highest injury rates were found among persons age 16-24, young persons who are also newly licensed drivers, and are active in sports.**

## Overall Injury Rates by Education and the Occurrence of More Than One Injury in the Past 12 Months. Utah Adults Age 18 or Older, 1996.
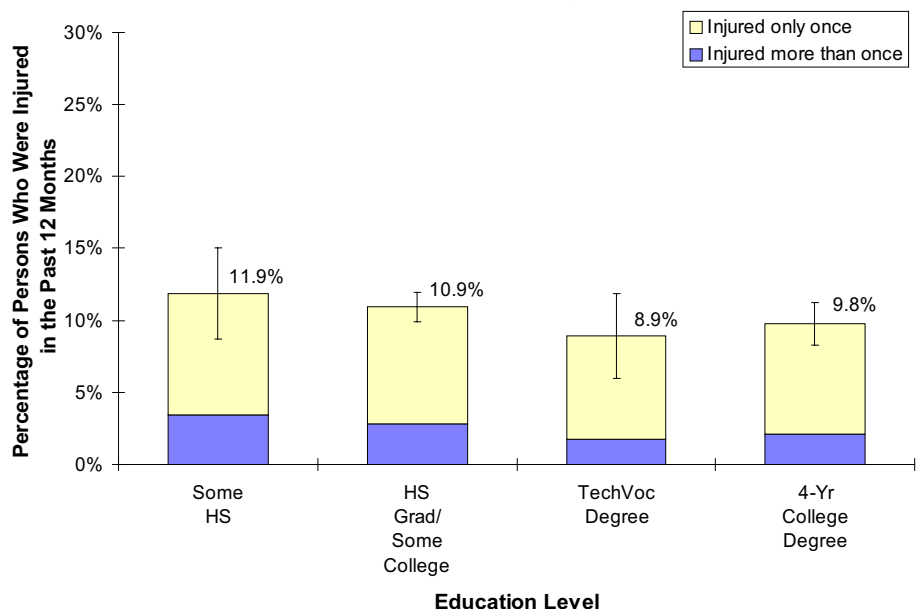


- **Injury rates do not appear to be highly influenced by education level, although there was a trend for those with higher education levels to be less likely to be injured.**

## Overall Injury Rates by Employment Status and the Occurrence of More Than One Injury in the Past 12 Months. Utah Adults Age 18 or Older, 1996.
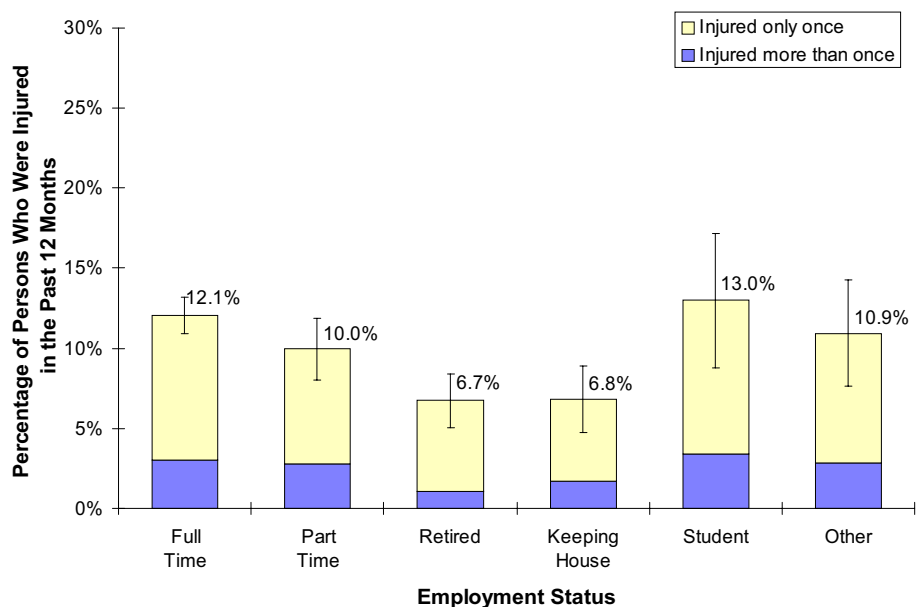


- **For adults age 18 or over, injury rates were highest for students and those who were employed full-time.**

## Overall Injury Rates by Income and the Occurrence of More Than One Injury in the Past 12 Months. Utah, 1996.
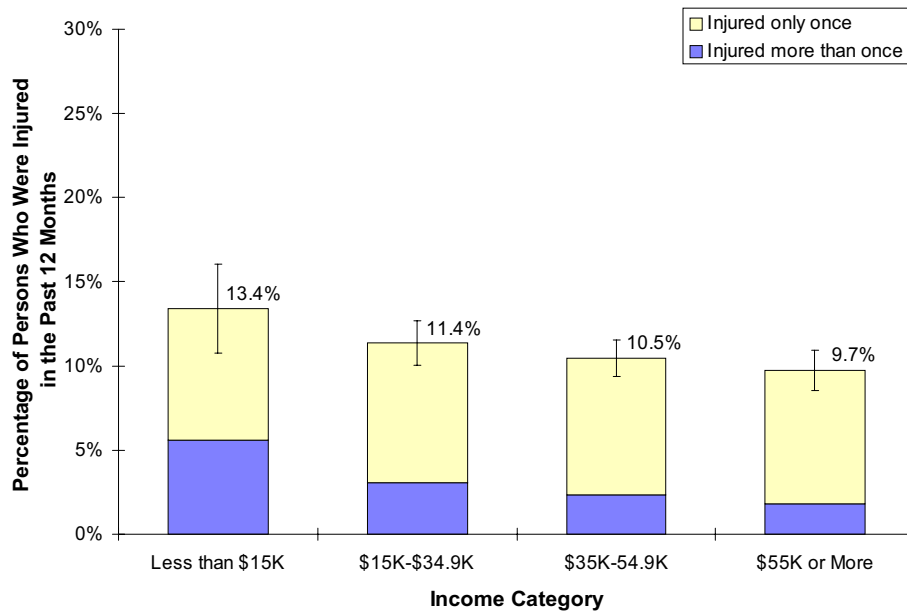


- **There was a trend for lower income households to have higher rates of injury. Persons in these households were especially likely to be injured more than once in the last 12 months.**

## Overall Injuries by Age and Sex. Utah, 1996.
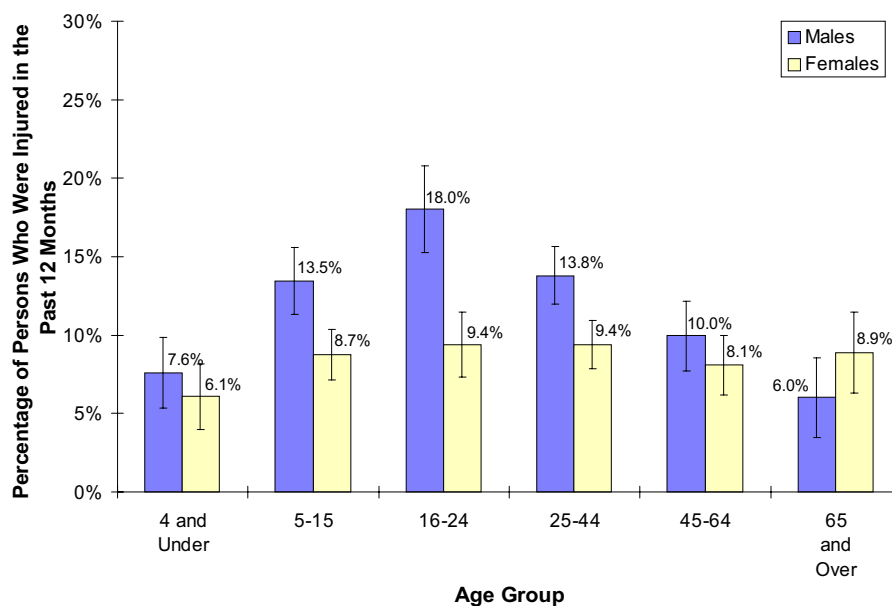


- **The highest injury rates are found among young males, age 16-24.**

## Overall Injury Rates by Local Health District.  Utah, 1996.

**Percentage of Persons Who Were Injured in the Past 12 Months**

| District | Rate |
|----------|------|
| Bear River | 11.6% |
| Central | 10.5% |
| Davis | 11.6% |
| Salt Lake | 10.6% |
| Southeast | 11.2% |
| Southwest | 9.6% |
| Summit | 12.4% |
| Tooele | 11.7% |
| Tri-County | 10.3% |
| Utah | 9.9% |
| Wasatch | 10.5% |
| Weber/Morgan | 11.4% |

Age-adjusted to the Utah 1996 population.

Utah 10.5%
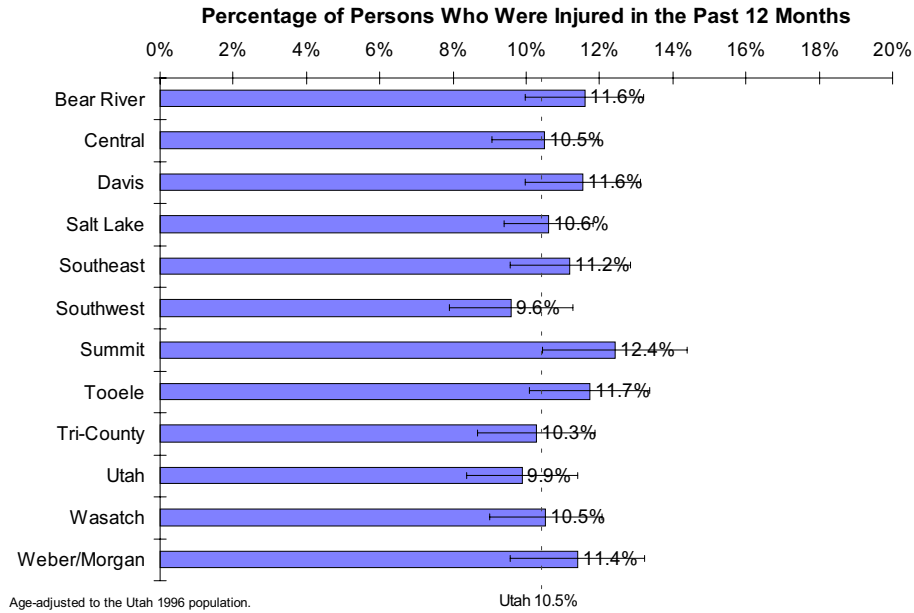
- **Injury rates were similar to the state rate in every local health district.**

## Overall Injury Rates by Health Status and the Occurrence of More Than One Injury in the Past 12 Months.  Utah, 1996.

Legend:
- ☐ Injured only once
- ■ Injured more than once

Percentage of Persons Who Were Injured in the Past 12 Months

- Good/Very Gd/ Exclnt: 10.5%
- Fair/Poor: 11.7%

**General Health Status**

Age-adjusted to the Utah 1996 population.
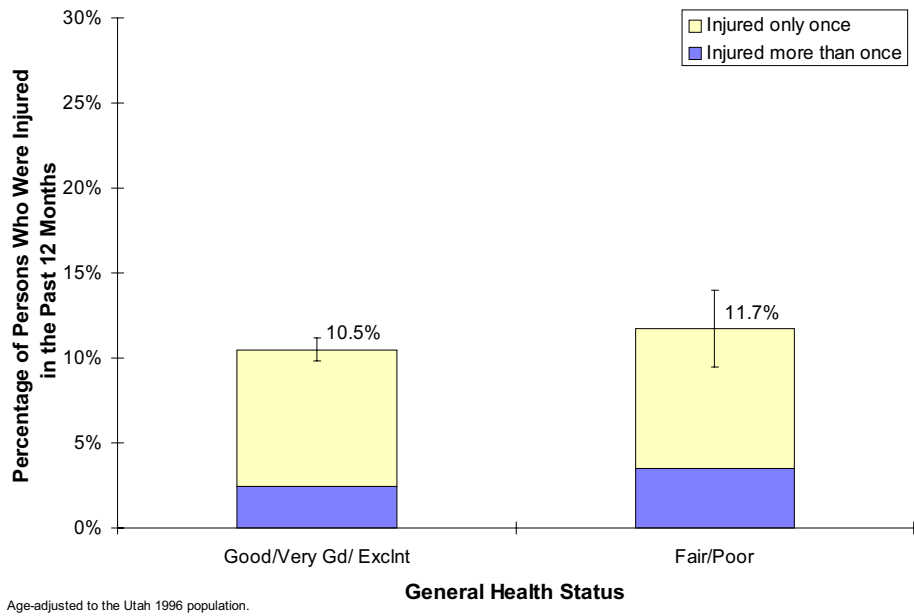
- **Overall health status was not related to the likelihood of injury.**

## Overall Injury Rates by Medical Condition and the Occurrence of More Than One Injury in the Past 12 Months. Utah, 1996.
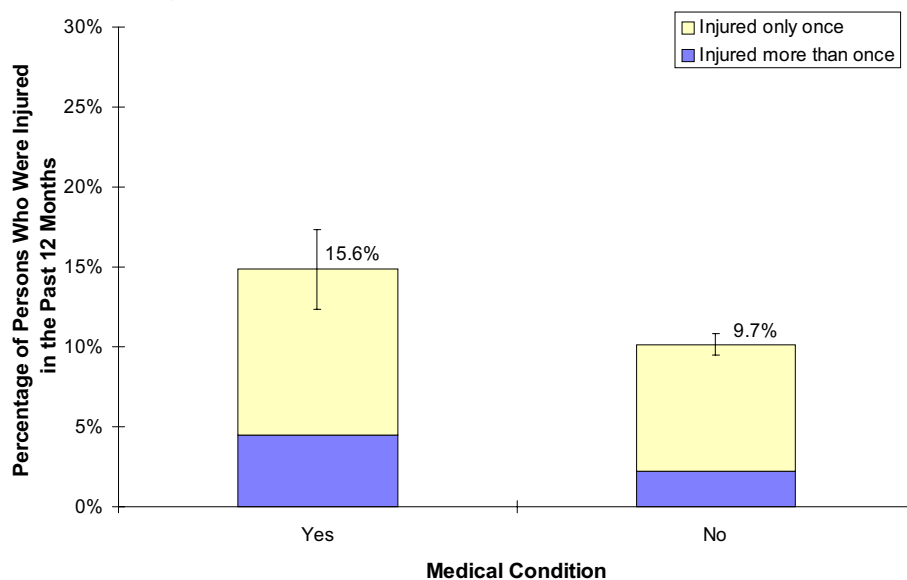


Age-adjusted to the Utah 1996 population.
Medical conditions included Alzheimer's disease, asthma, diabetes, obstructive pulmonary disease, arthritis, stroke, and heart disease.

- **Persons with one or more medical conditions were more likely to be injured, even after controlling for age.**

## Overall Injury Rates by Hearing Impairment and the Occurrence of More Than One Injury in the Past 12 Months. Utah, 1996.
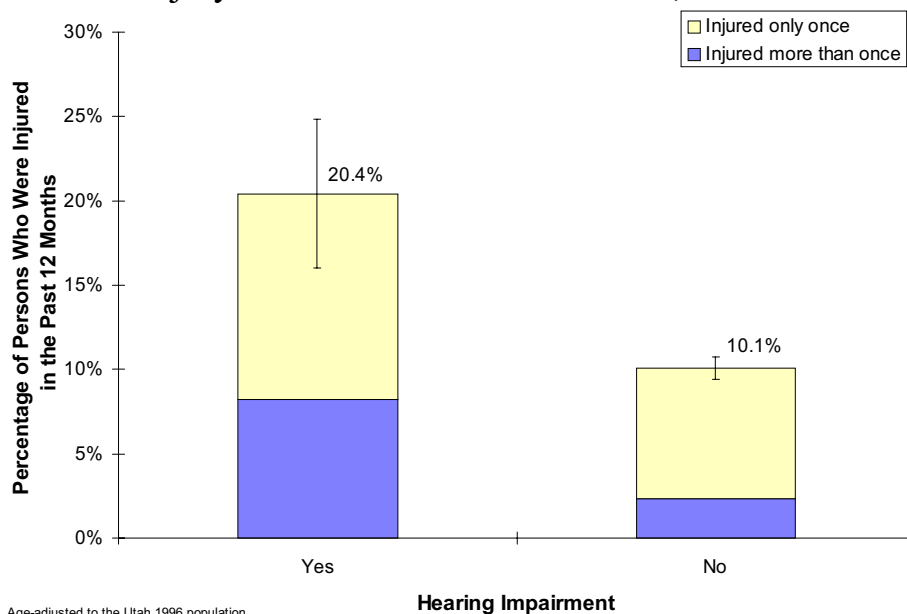


Age-adjusted to the Utah 1996 population.

- **Persons with a hearing impairment were more likely to be injured, even after controlling for age. They were also more likely to be injured more than once.**

Overall Injury Rates by Vision Impairment and the Occurrence of More Than One Injury in the Past 12 Months. Utah, 1996.



Age-adjusted to the Utah 1996 population.
Vision impairment was defined as, "serious difficulty seeing, even while wearing glasses or contact lenses."
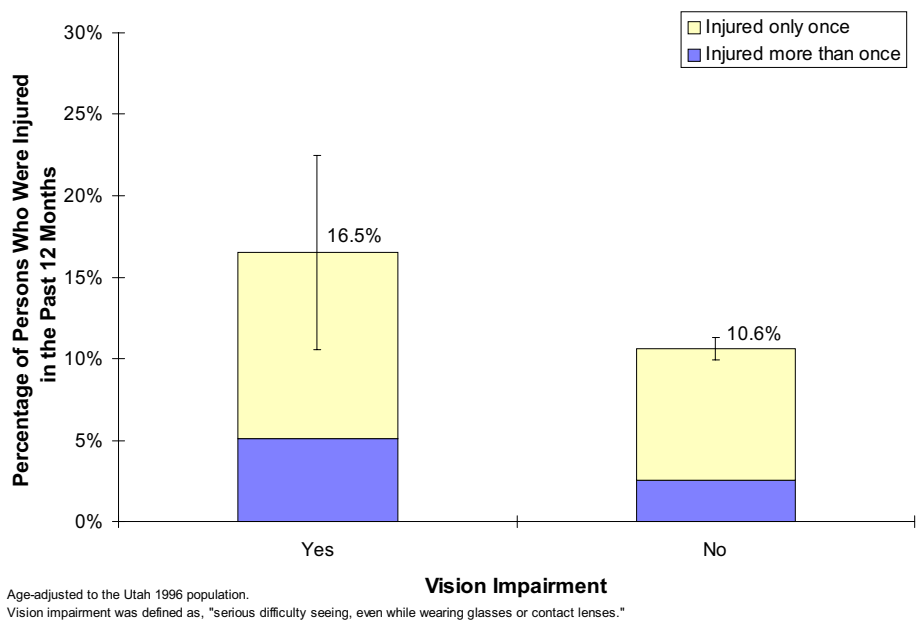
- **After controlling for age, persons with a visual impairment were more likely to be injured.**

Overall Injury Rates by Exercise and the Occurrence of More Than One Injury in the Past 12 Months. Utahns Age 6 or Older, 1996.



Age-adjusted to the Utah 1996 population.
Regular exercise = exercised vigorously at least 20 minutes three times a week.
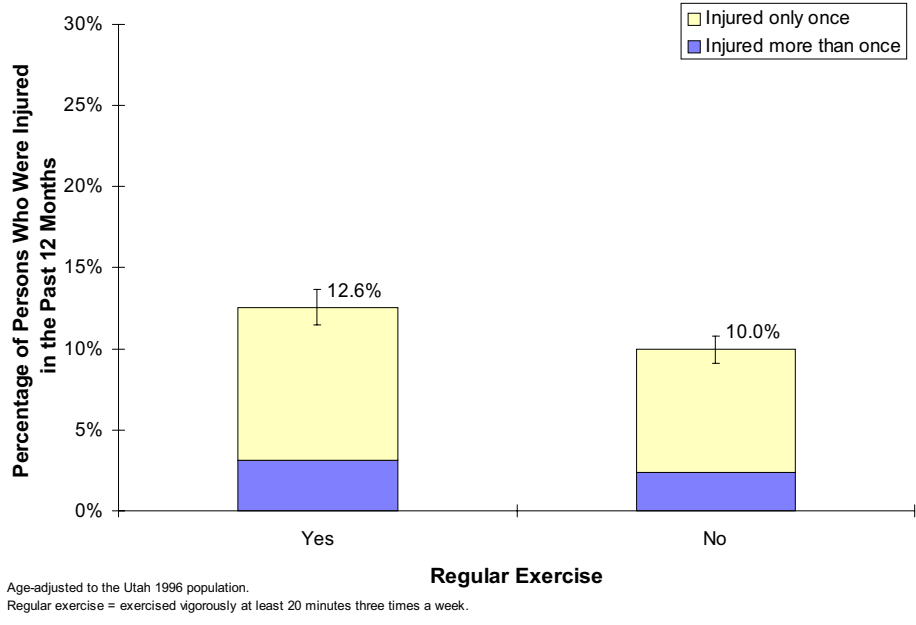
- **People who exercised were somewhat more likely to be injured than those who did not exercise.**

# Overall Injury Rates by Obesity and the Occurrence of More Than One Injury in the Past 12 Months. Utah, 1996.



Age-adjusted to the Utah 1996 population.
Obesity was defined as a Body Mass Index ≥ 27.8 for males, ≥ 27.3 for females.
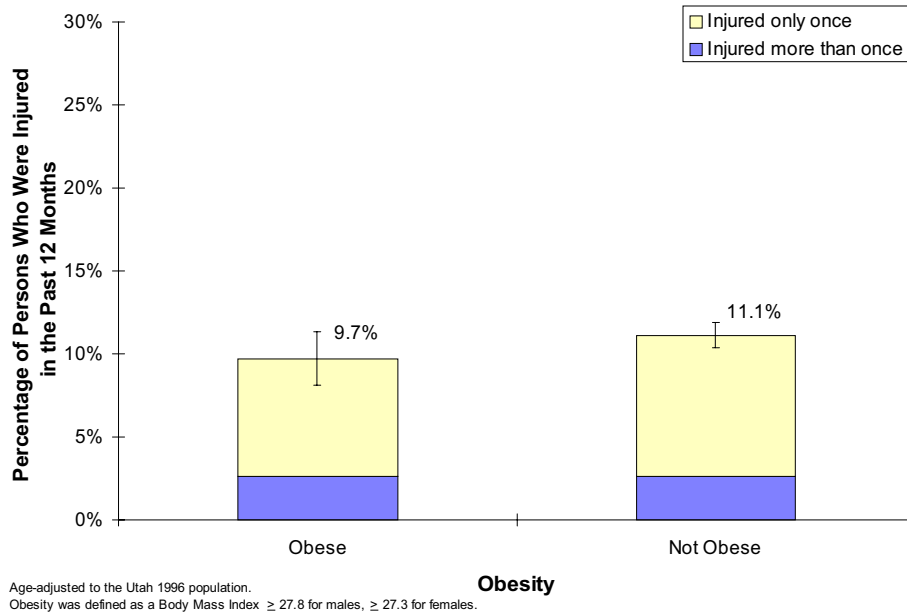
- **Obese persons may be somewhat less likely to become injured than non-obese persons.**

# Overall Injury Rates by Alcohol Consumption and the Occurrence of More Than One Injury in the Past 12 Months. Utah, 1996.



Age-adjusted to the Utah 1996 population.
Heavy drinkers = >60 drinks per month.
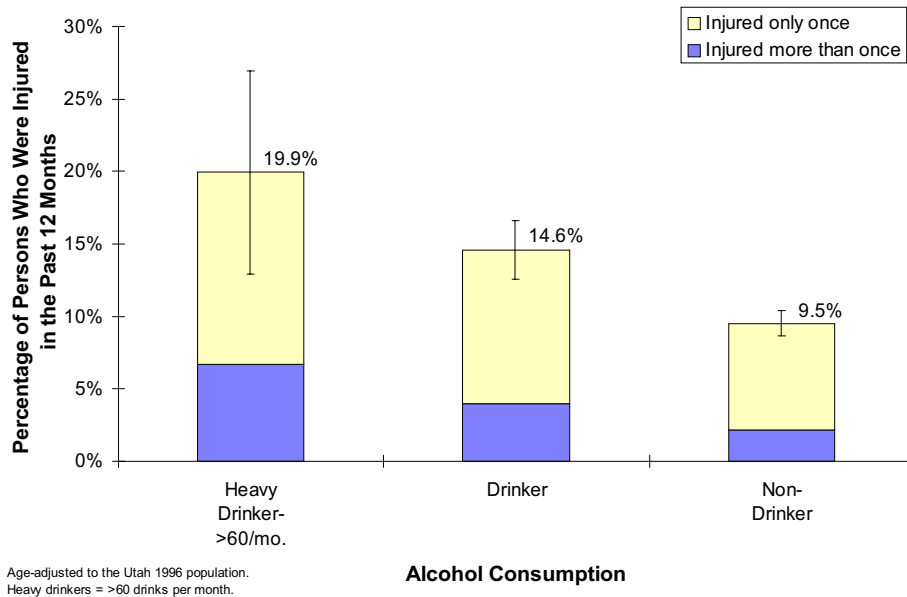
- **There was a trend for injury incidence to increase with alcohol consumption.**

## Cause of Injury by Sex.  Utah, 1996.
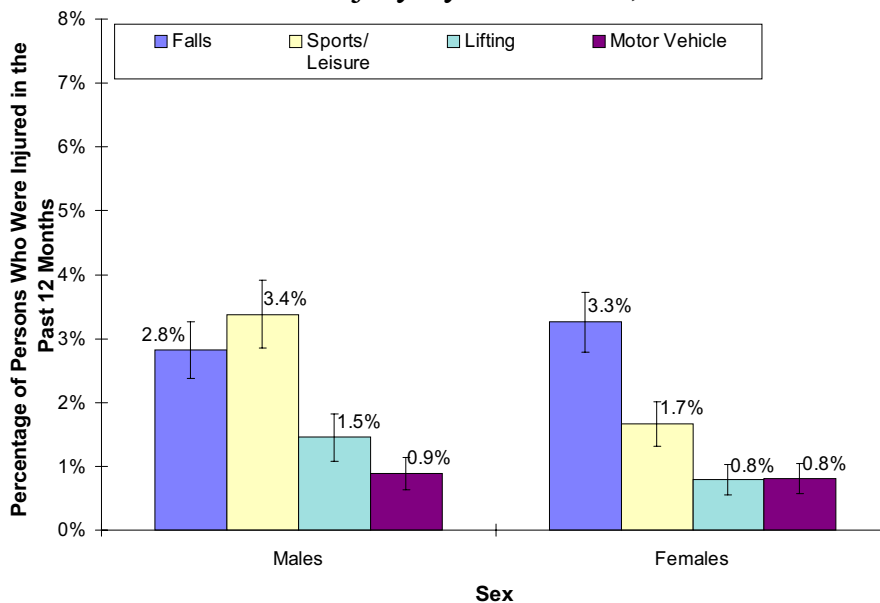


- **Males were most likely to be injured in a sports or leisure activity, whereas females were most likely to be injured in a fall.**

## Cause of Injury by Age.  Utah, 1996.
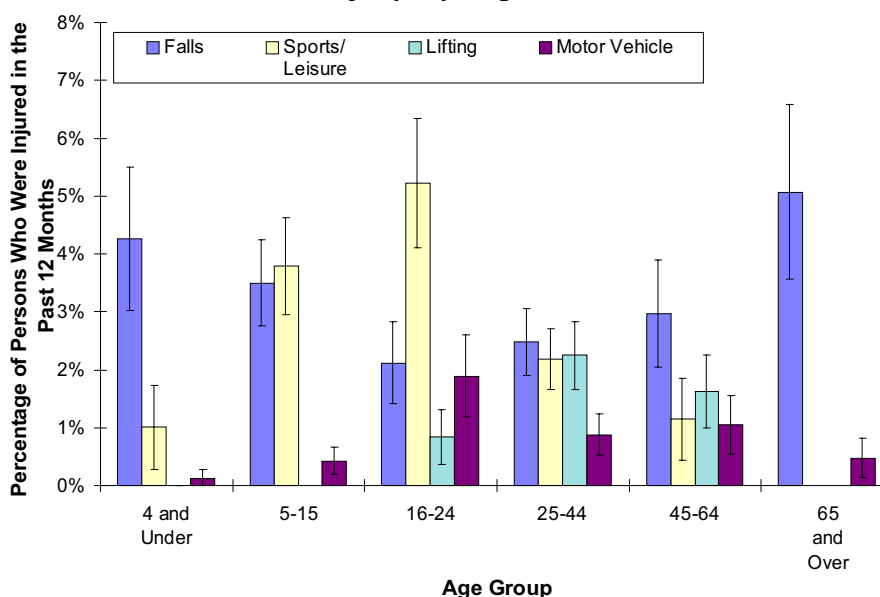


- **Falls were the most common cause of injury for all age groups except persons age 5-24 for whom sports/leisure activities were more likely the cause.**

# Place of Injury by Sex.  Utah, 1996.

**Percentage of Persons Who Were Injured in the Past 12 Months**

Legend: Home, Work, Sports/Rec, Street, School

Males:
- Home: 3.2%
- Work: 2.8%
- Sports/Rec: 2.2%
- Street: 0.9%
- School: 0.9%

Females:
- Home: 3.2%
- Work: 0.9%
- Sports/Rec: 1.1%
- Street: 1.0%
- School: 0.4%

**Sex**
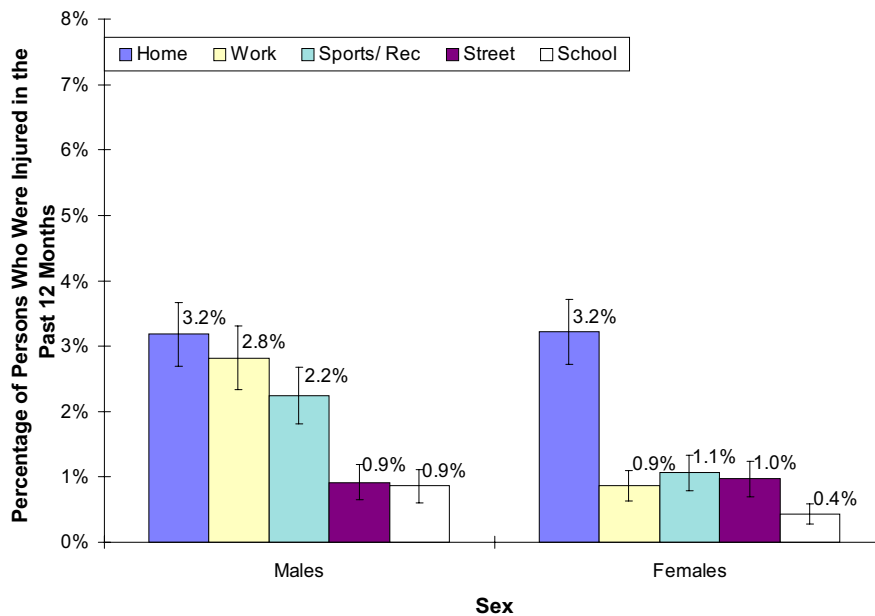
- **Injuries are most likely to occur in the home.**

# Place of Injury by Age.  Utah, 1996.

**Percentage of Persons Who Were Injured in the Past 12 Months**

Legend: Home, Work, Sports/Rec, Street, School

Age Groups: 4 and Under, 5-15, 16-24, 25-44, 45-64, 65 and Over
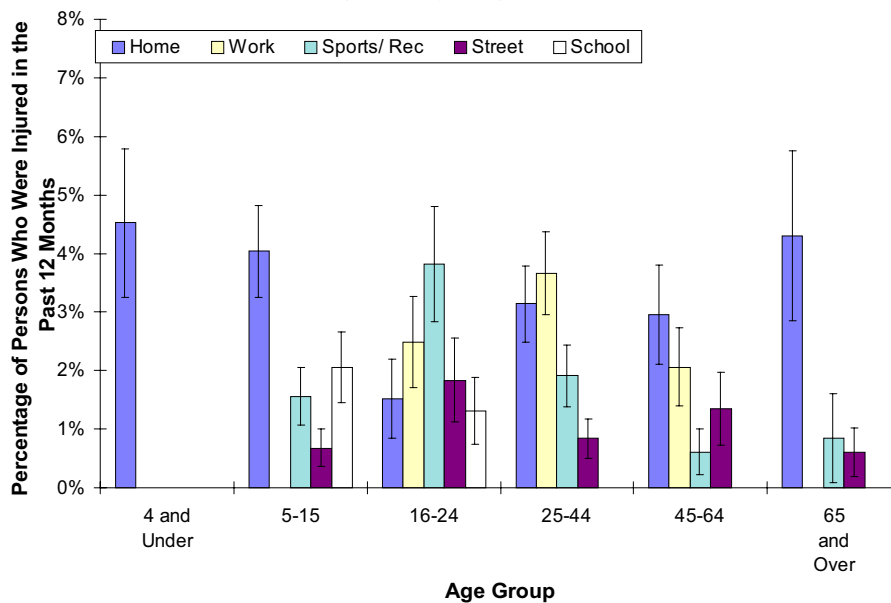
**Age Group**

- **The home was the most likely place for injuries to happen in most age groups.  For those age 16-24 a "place for recreation or sport" was most common, and for those age 25-44, the workplace was most common.**

## Injuries From Falls by Age and Sex.  Utah, 1996.



Percentage of Persons Who Were Injured by a Fall

- Males
- Females

| Age Group | Males | Females |
|-----------|-------|---------|
| 4 and Under | 4.4% | 4.2% |
| 5-15 | 3.4% | 3.7% |
| 16-24 | 2.4% | 1.9% |
| 25-44 | 2.7% | 2.3% |
| 45-64 | 2.1% | 3.8% |
| 65 and Over | 3.1% | 6.7% |
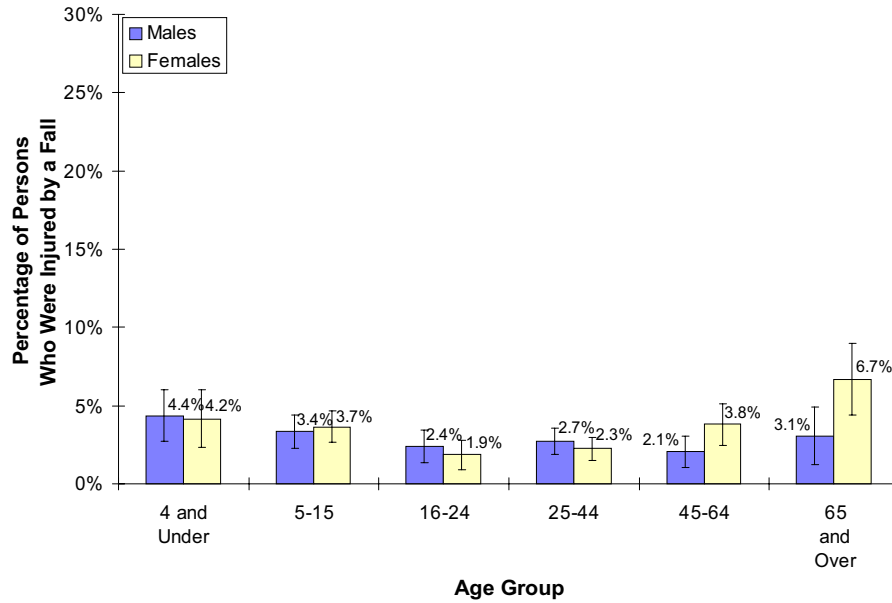
- **Falls, the most common cause of injuries overall, are most common among women age 65 and over.**

## Sports/Leisure Injuries by Age and Sex.  Utah, 1996.



Percentage of Persons Who Were Injured in a Sports/Leisure Activity

- Males
- Females

| Age Group | Males | Females |
|-----------|-------|---------|
| 4 and Under | 1.4% | 0.6% |
| 5-15 | 4.9% | 2.7% |
| 16-24 | 7.7% | 2.9% |
| 25-44 | 2.9% | 1.5% |
| 45-64 | 1.0% | 1.3% |
| 65 and Over | 0.8% | 0.1% |
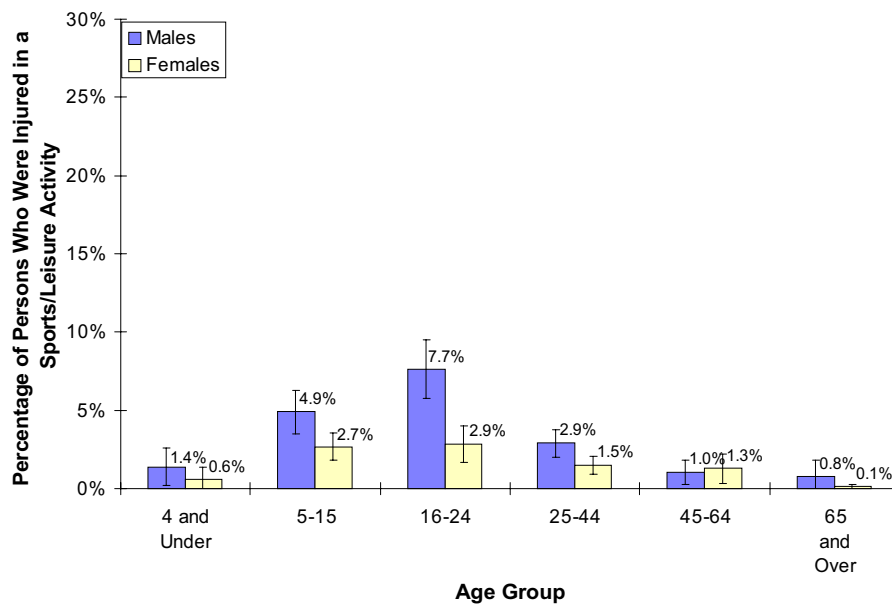
- **Injuries incurred while participating in sports or leisure activities are most common among young males, age 16-24.  For persons age 15-18 almost 20% of all injuries were sports/leisure injuries that happened at school (17.7%±7.2%).**

Bicycle Riders Who Reported That They Never Wear a Helmet  by Sex.  Utah, 1996.



**Males** and **Females** bar chart showing 1991 and 1996 data:
- Males: 1991 = 80.9%, 1996 = 41.9%
- Females: 1991 = 87.7%, 1996 = 44.6%
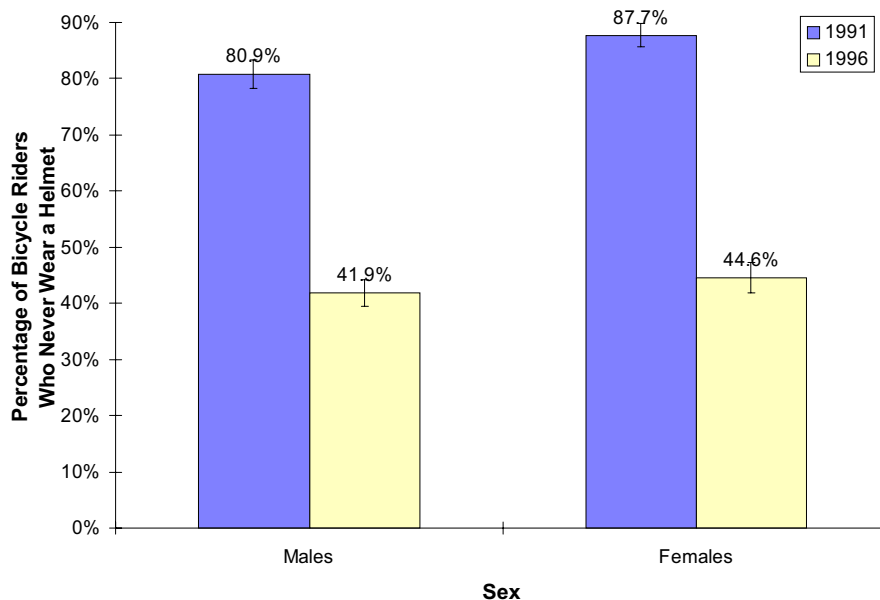
- **Helmet use increased dramatically from 1991 to 1996 for both male and female bicyclists.**

Bicycle Riders Who Reported That They Never Wear a Helmet by Age.  Utah, 1996.



Bar chart by Age Group showing 1991 and 1996 data:
- 4 and Under: 1991 = 80.9%, 1996 = 34.4%
- 5-15: 1991 = 86.7%, 1996 = 33.2%
- 16-24: 1991 = 78.9%, 1996 = 52.9%
- 25-44: 1991 = 81.7%, 1996 = 49.3%
- 45-64: 1991 = 88.8%, 1996 = 52.8%
- 65 and Over: 1991 = 89.8%, 1996 = 57.4%
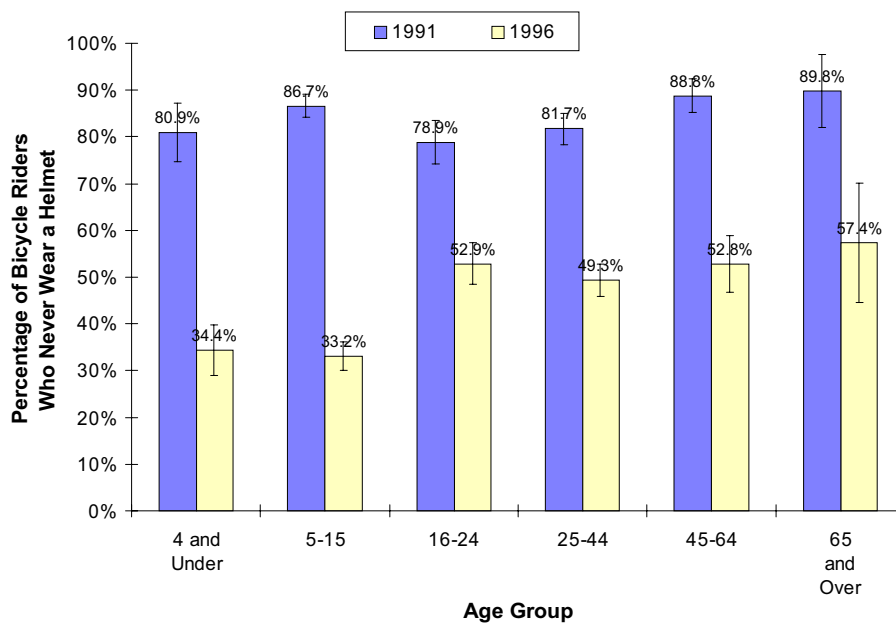
- **Helmet use increased most for younger riders.**

# Possession and Storage of Guns in Utah Households. Utah, 1996.
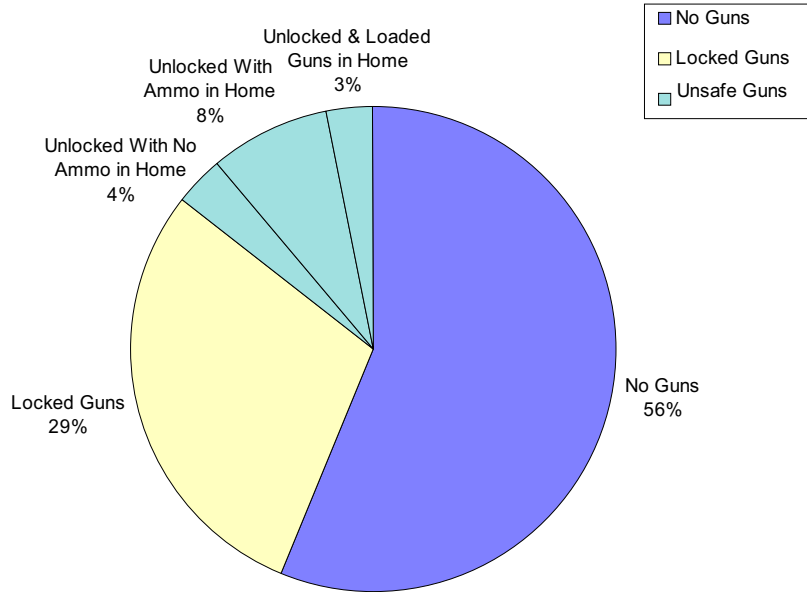


- **Approximately 44% of Utah households had a gun. Fifteen percent of households have guns that are stored in an unsafe manner.**

# Percentage of Households With a Gun by Household Income and How Guns Are Stored. Utah, 1996.
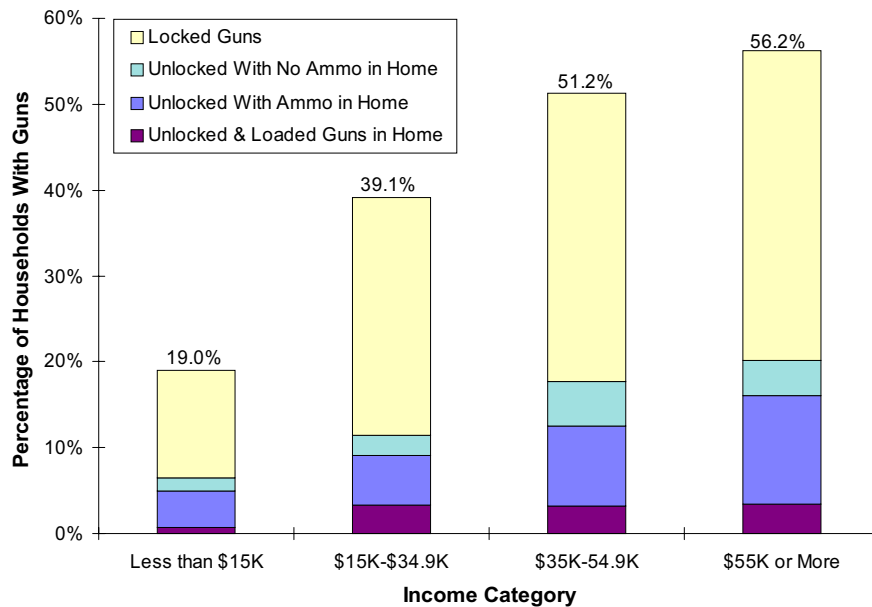


- **Gun ownership increases dramatically with household income.**

## Percentage of Households With a Gun by Wasatch Front Residence and How Guns Are Stored. Utah, 1996.
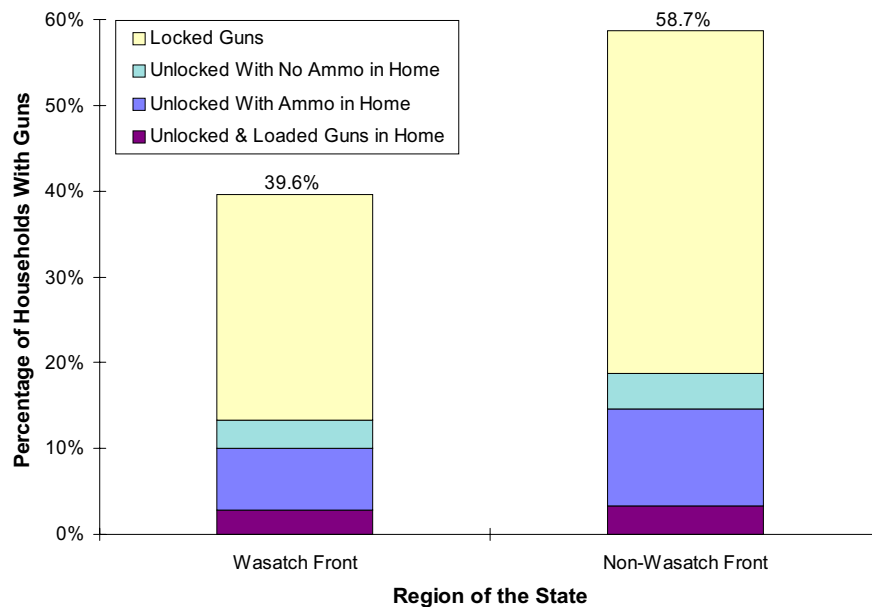


- **Non-Wasatch front households are more likely to have a gun.**

## Percentage of Households With a Gun by Presence of Children in the Household and How Guns Are Stored. Utah, 1996.
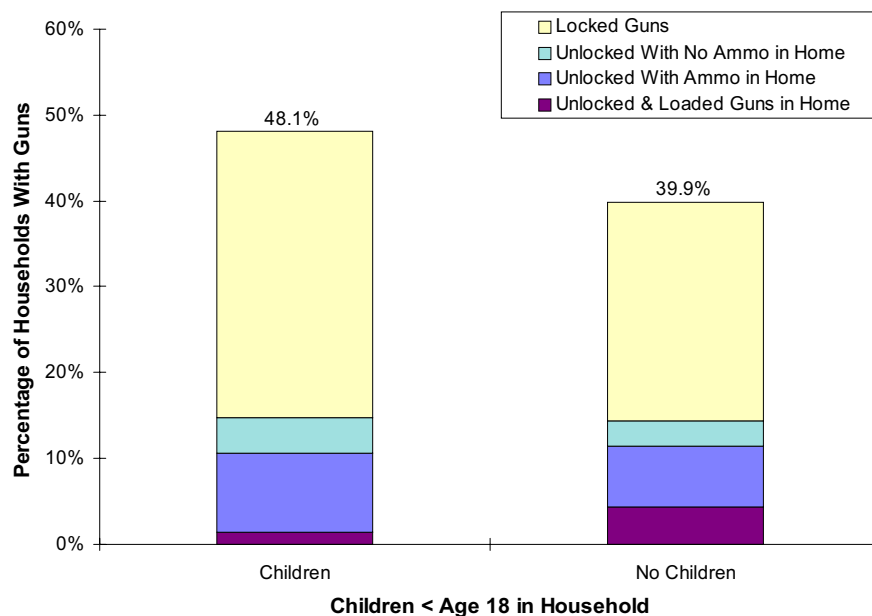


- **Households with children are more likely to have a gun. Households without children are more likely to have a gun that is loaded and stored in an unlocked location.**

# REFERENCE
# TABLES

# Table 1. Injury Rates per 1,000 Persons by Cause of Injury and Age. Utah 1996.

| Cause of Injury | Total, All Ages | Age 4 or Under | Age 5-14 | Age 15-24 | Age 25-34 | Age 35-44 | Age 45-54 | Age 55-64 | Age 65-74 | Age 75-84 | Age 85+ |
|---|---|---|---|---|---|---|---|---|---|---|---|
| **Fall** | **31.0 ± 3.3** | **42.6** | **36.2** | **21.3** | **30.2** | **19.0** | **32.2** | **26.1** | **32.8** | **85.2** | **75.2** |
| **Sport/Leisure Activity** | **25.3 ± 3.1** | **10.1** | **34.0** | **55.0** | **28.0** | **15.2** | **18.7** | **1.0** | **5.0** | **3.0** | **0.0** |
| Other Sports or Leisure Activity | 21.2 ± 2.9 | 7.6 | 26.2 | 48.6 | 22.2 | 13.6 | 16.2 | 1.0 | 4.7 | 3.0 | 0.0 |
| Bicycling | 2.3 ± 1.0 | 2.5 | 5.2 | 3.5 | 1.2 | 0.8 | 2.1 | 0.0 | 0.2 | 0.0 | 0.0 |
| Skiing | 1.3 ± 0.8 | 0.0 | 0.1 | 2.2 | 4.6 | 0.7 | 0.4 | 0.0 | 0.1 | 0.0 | 0.0 |
| Rollerblading | 0.6 ± 0.4 | 0.0 | 2.5 | 0.6 | 0.0 | 0.1 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| **Lifting** | **11.4 ± 2.2** | **0.0** | **2.2** | **7.9** | **22.7** | **22.2** | **19.4** | **11.4** | **1.0** | **0.8** | **8.0** |
| **Motor Vehicle-Related** | **8.6 ± 2.0** | **1.2** | **3.8** | **17.8** | **10.4** | **7.0** | **10.5** | **10.4** | **2.9** | **9.9** | **0.0** |
| Motor Vehicle Accident | 7.4 ± 1.8 | 1.2 | 2.1 | 16.0 | 8.8 | 5.5 | 10.1 | 9.2 | 2.7 | 9.2 | 0.0 |
| Pedestrian Injury | 0.8 ± 0.6 | 0.0 | 1.3 | 0.0 | 1.2 | 1.5 | 0.5 | 1.1 | 0.0 | 0.8 | 0.0 |
| Off-Highway Motorized Vehicle | 0.5 ± 0.4 | 0.0 | 0.5 | 1.8 | 0.5 | 0.0 | 0.0 | 0.1 | 0.2 | 0.0 | 0.0 |
| **Other** | **29.7 ± 3.5** | **15.0** | **33.6** | **33.6** | **41.3** | **35.2** | **28.2** | **12.4** | **11.3** | **18.1** | **41.7** |
| Cut/Laceration | 7.1 ± 1.8 | 3.2 | 8.3 | 9.9 | 10.4 | 7.7 | 7.3 | 2.3 | 0.4 | 0.0 | 0.0 |
| Struck/Collided With Object | 4.1 ± 1.4 | 1.9 | 5.4 | 2.2 | 5.3 | 4.4 | 4.8 | 4.4 | 1.6 | 0.0 | 37.8 |
| Fire/Flames | 1.9 ± 0.8 | 1.9 | 2.2 | 1.2 | 4.2 | 0.2 | 0.8 | 1.3 | 1.4 | 8.1 | 0.0 |
| Caught/Crushed by Object | 1.9 ± 0.8 | 0.2 | 2.5 | 2.1 | 1.6 | 4.3 | 2.1 | 0.0 | 0.2 | 0.0 | 4.0 |
| Injury Caused by Animals | 1.8 ± 0.8 | 1.2 | 2.4 | 1.7 | 1.1 | 2.9 | 3.7 | 0.2 | 0.3 | 0.0 | 0.0 |
| Poisoning/Overdose/Reaction | 1.7 ± 1.0 | 2.4 | 2.0 | 0.5 | 3.2 | 2.5 | 0.8 | 0.1 | 0.7 | 0.0 | 0.0 |
| Physical Violence | 1.1 ± 0.6 | 0.7 | 2.0 | 0.9 | 1.4 | 1.1 | 1.1 | 0.9 | 0.0 | 0.0 | 0.0 |
| Watercraft or Water Injury | 0.8 ± 0.6 | 0.0 | 0.1 | 3.0 | 0.0 | 1.7 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| Choking/Suffocation | 0.3 ± 0.4 | 0.2 | 1.1 | 0.0 | 0.5 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| Firearm Accident or Assault | 0.2 ± 0.4 | 0.0 | 0.1 | 1.1 | 0.1 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| Suicide Attempt | 0.3 ± 0.4 | 0.0 | 0.3 | 1.1 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| Other | 8.5 ± 2.0 | 3.3 | 7.2 | 9.7 | 13.5 | 10.5 | 7.5 | 3.2 | 6.7 | 10.0 | 0.0 |
| **Total, All Causes** | **105.0 ± 6.3** | **68.9** | **109.8** | **135.6** | **132.7** | **98.6** | **109.1** | **61.3** | **53.1** | **117.0** | **125.0** |

The 95% confidence interval for an individual age group is typically larger than the confidence interval for the total, all ages.

## Table 2.  Overall Injury Rates
## By Selected Demographic Subgroups.  Utah, 1996.

| Demographic Subgroup | Population Distribution | | Survey Estimates of Utahns Who Were Injured in the Past 12 Months | |
|---|---|---|---|---|
| | Percentage Distribution | Number of Persons | Percentage of Persons Who Were Injured | Number of Persons Who Were Injured[1] |
| **UTAH** | **100.0%** | **1,991,811** | **10.5%  ± 0.6%** | **208,100** |
| **Sex** | | | | |
| Males | 49.5% | 986,427 | 12.4%  ± 0.9% | 121,900 |
| Females | 50.5% | 1,005,384 | 8.6%  ± 0.8% | 86,300 |
| Total | 100.0% | 1,991,811 | 10.5%  ± 0.6% | 208,100 |
| **Age** | | | | |
| 4 and Under | 7.8% | 155,931 | 6.9%  ± 1.5% | 10,700 |
| 5-15 | 20.7% | 411,789 | 11.1%  ± 1.3% | 45,800 |
| 16-24 | 16.3% | 325,056 | 13.7%  ± 1.7% | 44,400 |
| 25-44 | 29.4% | 585,173 | 11.6%  ± 1.2% | 68,100 |
| 45-64 | 16.4% | 327,395 | 9.0%  ± 1.5% | 29,300 |
| 65 and Over | 9.4% | 186,467 | 7.6%  ± 1.8% | 14,200 |
| Total | 100.0% | 1,991,811 | 10.5%  ± 0.6% | 208,100 |
| **Ethnicity** | | | | |
| Hispanic | 5.8% | 115,525 | 8.3%  ± 2.5% | 9,600 |
| Non-Hispanic | 94.2% | 1,876,286 | 10.6%  ± 0.6% | 198,300 |
| Total | 100.0% | 1,991,811 | 10.5%  ± 0.6% | 208,100 |
| **Education (Age > 18)** | | | | |
| Some HS | 6.2% | 83,652 | 11.9%  ± 3.2% | 9,900 |
| HS Grad/ Some College | 60.1% | 807,319 | 10.9%  ± 1.0% | 88,300 |
| TechVoc Degree | 5.2% | 69,936 | 8.9%  ± 2.9% | 6,200 |
| 4-Yr College Degree | 28.5% | 382,288 | 9.8%  ± 1.5% | 37,400 |
| Total | 100.0% | 1,343,195 | 10.6%  ± 80.4% | 141,800 |
| **Employment  (Age > 18)** | | | | |
| Full Time | 55.9% | 751,196 | 12.1%  ± 1.2% | 90,600 |
| Part Time | 13.3% | 178,491 | 10.0%  ± 1.9% | 17,800 |
| Retired | 13.3% | 178,310 | 6.7%  ± 1.6% | 12,000 |
| Keeping House | 9.4% | 126,183 | 6.8%  ± 2.1% | 8,600 |
| Student | 3.7% | 50,234 | 13.0%  ± 4.2% | 6,500 |
| Other | 4.4% | 58,781 | 10.9%  ± 3.3% | 6,400 |
| Total | 100.0% | 1,343,195 | 10.6%  ± 80.4% | 141,800 |
| **Annual Household Income** | | | | |
| Less than $15K | 6.7% | 133,925 | 13.4%  ± 2.6% | 18,000 |
| $15K-$34.9K | 29.9% | 595,410 | 11.4%  ± 1.3% | 67,800 |
| $35K-54.9K | 33.3% | 663,900 | 10.5%  ± 1.1% | 69,500 |
| $55K or More | 30.1% | 598,576 | 9.7%  ± 1.2% | 58,300 |
| Total | 100.0% | 1,991,811 | 10.5%  ± 0.6% | 208,100 |
| **Type of Dwelling** | | | | |
| House | 80.9% | 1,611,375 | 10.0%  ± 0.7% | 161,000 |
| Apartment | 10.2% | 203,165 | 13.6%  ± 2.3% | 27,700 |
| Condominium | 3.1% | 61,746 | 12.3%  ± 3.8% | 7,600 |
| Mobile Home | 3.8% | 75,689 | 9.5%  ± 2.3% | 7,200 |
| Other | 2.0% | 39,836 | 13.5%  ± 4.3% | 5,400 |
| Total | 100.0% | 1,991,811 | 10.5%  ± 0.6% | 208,100 |
| **Wasatch Front Residence** | | | | |
| Wasatch Front | 77.3% | 1,539,644 | 10.5%  ± 0.8% | 160,900 |
| Non-Wasatch Front | 22.7% | 452,167 | 10.5%  ± 0.7% | 47,300 |
| Total | 100.0% | 1,991,811 | 10.5%  ± 0.6% | 208,100 |

[1] Rounded to the nearest 100 persons.  Totals in this column may not sum due to missing values on the grouping variable.

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**(continued from previous page)**

| Additional Survey Estimates by Demographic Subgroup | | |
|---|---|---|
| Percentage Who Were Injured More Than Once in Past 12 Mos. | Percentage Who Received Medical Attention (most recent injury) | Distribution of Injured Persons Across Subgroups |
| **2.5%** | **9.1%** | **100.0%** |
| | | |
| 3.3% | 10.8% | 58.5% |
| 1.8% | 7.4% | 41.5% |
| 2.5% | 9.1% | 100.0% |
| | | |
| 1.4% | 6.5% | 2.5% |
| 2.4% | 10.1% | 10.9% |
| 3.9% | 11.9% | 10.6% |
| 3.0% | 9.7% | 16.2% |
| 2.0% | 7.8% | 7.0% |
| 1.3% | 6.6% | 3.4% |
| 2.5% | 9.1% | 100.0% |
| | | |
| 1.7% | 7.4% | 4.6% |
| 2.6% | 9.2% | 95.4% |
| 2.5% | 9.1% | 100.0% |
| | | |
| 3.4% | 11.4% | 7.0% |
| 2.8% | 9.3% | 62.3% |
| 1.8% | 7.5% | 4.4% |
| 2.1% | 8.1% | 26.4% |
| 2.6% | 9.0% | 100.0% |
| | | |
| 3.0% | 10.3% | 63.8% |
| 2.8% | 8.8% | 12.5% |
| 1.1% | 5.7% | 8.5% |
| 1.7% | 5.7% | 6.1% |
| 3.4% | 9.2% | 4.6% |
| 2.9% | 9.0% | 4.5% |
| 2.6% | 9.0% | 100.0% |
| | | |
| 5.6% | 10.7% | 8.4% |
| 3.1% | 9.5% | 31.7% |
| 2.4% | 9.3% | 32.5% |
| 1.8% | 8.8% | 27.3% |
| 2.5% | 9.1% | 100.0% |
| | | |
| 2.2% | 8.8% | 77.1% |
| 4.9% | 10.9% | 13.3% |
| 2.6% | 10.4% | 3.6% |
| 2.4% | 8.1% | 3.4% |
| 4.2% | 10.9% | 2.6% |
| 2.5% | 9.1% | 100.0% |
| | | |
| 2.6% | 9.0% | 77.3% |
| 2.4% | 9.3% | 22.7% |
| 2.5% | 9.1% | 100.0% |

## Table 3.  Overall Injury Rates by Age and Sex.
## Utah, 1996.

| Demographic Subgroup | Population Distribution | | Survey Estimates of Utahns Who Were Injured in the Past 12 Months | | | Additional Survey Estimates by Dem Subgroup | | |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| | Percentage Distribution | Number of Persons | Percentage of Persons Who Were Injured | | Number of Persons Who Were Injured[1] | Percentage of Persons in Each Group Who Were Injured More Than Once in Past 12 Mos. | Percentage of Persons in Each Group Who Got Medical Attn for Most Recent Injury | P Di Inju |
| **UTAH** | **100.0%** | 1,991,811 | 10.45% | ± 0.6% | 208,100 | 2.5% | 9.1% | |
| **Males** | | | | | | | | |
| 4 and Under | 8.1% | 80,116 | 7.6% | ± 2.3% | 6,100 | 2.1% | 7.2% | |
| 5-15 | 21.4% | 211,207 | 13.5% | ± 2.1% | 28,400 | 2.7% | 12.1% | |
| 16-24 | 16.1% | 159,074 | 18.0% | ± 2.8% | 28,600 | 6.4% | 15.7% | |
| 25-44 | 29.8% | 293,739 | 13.8% | ± 1.8% | 40,500 | 3.9% | 11.3% | |
| 45-64 | 16.4% | 161,408 | 10.0% | ± 2.2% | 16,100 | 2.3% | 9.1% | |
| 65 and Over | 8.2% | 80,883 | 6.0% | ± 2.5% | 4,900 | 0.7% | 5.2% | |
| Total Males | 100.0% | 986,427 | 12.4% | ± 0.9% | 121,900 | 3.3% | 10.8% | |
| **Females** | | | | | | | | |
| 4 and Under | 7.5% | 75,815 | 6.1% | ± 2.1% | 4,600 | 0.6% | 5.7% | |
| 5-15 | 20.0% | 200,582 | 8.7% | ± 1.6% | 17,500 | 2.2% | 7.9% | |
| 16-24 | 16.5% | 165,982 | 9.4% | ± 2.1% | 15,600 | 1.4% | 8.2% | |
| 25-44 | 29.0% | 291,434 | 9.4% | ± 1.5% | 27,400 | 2.2% | 8.0% | |
| 45-64 | 16.5% | 165,987 | 8.1% | ± 1.9% | 13,400 | 1.7% | 6.7% | |
| 65 and Over | 10.5% | 105,584 | 8.9% | ± 2.6% | 9,400 | 1.8% | 7.7% | |
| Total Females | 100.0% | 1,005,384 | 8.6% | ± 0.8% | 86,300 | 1.8% | 7.4% | |

[1] Rounded to the nearest 100 persons.  Totals in this column may not sum due to missing values on the grouping variables.

# Table 4. Overall Injury Rates
## By Local Health District. Utah, 1996.

| Local Health District | Population Distribution | | Survey Estimates of Utahns Who Were Injured in the Past 12 Months | | |
| --- | --- | --- | --- | --- | --- |
| | | | -- CRUDE RATES -- | | -- AGE-ADJUSTED RATES --[2] |
| | Percentage Distribution | Number of Persons | Percentage of Persons Who Were Injured | Number of Persons Who Were Injured[1] | Percentage of Persons Who Were Injured |
| **UTAH** | **100.0%** | **1,991,811** | **10.5% ± 0.6%** | **208,100** | **10.5% ± 0.6%** |
| Bear River | 6.1% | 122,319 | 11.4% ± 1.6% | 14,000 | 11.6% ± 1.7% |
| Central | 2.9% | 58,640 | 10.4% ± 1.5% | 6,100 | 10.5% ± 1.5% |
| Davis | 11.0% | 219,915 | 11.0% ± 1.6% | 24,200 | 11.6% ± 1.6% |
| Salt Lake | 41.3% | 823,411 | 10.1% ± 1.2% | 83,200 | 10.6% ± 1.3% |
| Southeast | 2.7% | 53,533 | 10.9% ± 1.6% | 5,900 | 11.2% ± 1.7% |
| Southwest | 5.6% | 111,139 | 9.1% ± 1.7% | 10,100 | 9.6% ± 1.8% |
| Summit | 1.1% | 22,414 | 12.4% ± 2.0% | 2,800 | 12.4% ± 2.0% |
| Tooele | 0.9% | 16,934 | 11.4% ± 1.6% | 1,900 | 11.7% ± 1.7% |
| Tri-County | 1.9% | 38,523 | 10.1% ± 1.6% | 3,900 | 10.3% ± 1.6% |
| Utah | 15.9% | 316,160 | 10.4% ± 1.5% | 32,800 | 9.9% ± 1.5% |
| Wasatch | 0.6% | 12,214 | 10.4% ± 1.5% | 1,300 | 10.5% ± 1.6% |
| Weber/Morgan | 9.4% | 186,609 | 11.2% ± 1.8% | 20,900 | 11.4% ± 1.9% |

[1] Rounded to the nearest 100 persons.  Totals in this column may not sum due to missing values on the grouping variable.

[2] Age-adjusted to the Utah 1996 population.

# Table 5. Overall Injury Rates By Selected Subgroups. Utah, 1996.

| Demographic Subgroup | Population Distribution | | Survey Estimates of Utahns Who Were Injured in the Past 12 Months  -- C R U D E   R A T E S -- | | |
| --- | --- | --- | --- | --- | --- |
| | Percentage Distribution | Number of Persons | Percentage of Persons Who Were Injured | Number of Persons Who Were Injured[1] | Distribution of Injured Persons Across Subgroups |
| **UTAH** | **100.0%** | **1,991,811** | **10.5% + 0.6%** | **208,100** | **100.0%** |
| **Health Insurance** | | | | | |
| Yes | 90.5% | 1,801,991 | 10.4% + 0.7% | 187,000 | 89.7% |
| No | 9.5% | 189,820 | 11.3% + 2.1% | 21,500 | 10.3% |
| Total | 100.0% | 1,991,811 | 10.5% + 0.6% | 208,100 | 100.0% |
| **Health Status** | | | | | |
| Good/Very Gd/ Exclnt | 91.4% | 1,820,627 | 10.4% + 0.7% | 189,300 | 90.7% |
| Fair/Poor | 8.6% | 171,184 | 11.4% + 2.1% | 19,500 | 9.3% |
| Total | 100.0% | 1,991,811 | 10.5% + 0.6% | 208,100 | 100.0% |
| **Medical Condition[3]** | | | | | |
| Yes | 20.9% | 416,168 | 12.2% + 1.8% | 50,700 | 24.0% |
| No | 79.1% | 1,575,643 | 10.2% + 0.7% | 160,200 | 76.0% |
| Total | 100.0% | 1,991,811 | 10.5% + 0.6% | 208,100 | 100.0% |
| **Hearing Impairment** | | | | | |
| Yes | 8.2% | 163,730 | 15.0% + 2.6% | 24,600 | 11.8% |
| No | 91.8% | 1,828,081 | 10.0% + 0.6% | 183,500 | 88.2% |
| Total | 100.0% | 1,991,811 | 10.5% + 0.6% | 208,100 | 100.0% |
| **Vision Impairment[4]** | | | | | |
| Yes | 3.1% | 61,357 | 13.9% + 4.1% | 8,500 | 4.1% |
| No | 96.9% | 1,930,454 | 10.3% + 0.6% | 199,400 | 95.9% |
| Total | 100.0% | 1,991,811 | 10.5% + 0.6% | 208,100 | 100.0% |
| **Exercises Regularly-3x per week (age 6 & up)** | | | | | |
| Yes | 45.2% | 812,608 | 12.5% + 1.1% | 101,200 | 51.0% |
| No | 54.8% | 985,113 | 9.9% + 0.9% | 97,100 | 49.0% |
| Total | 100.0% | 1,797,721 | 11.0% + 0.7% | 198,100 | 100.0% |
| **Obesity-BMI ≥27.8/males, 27.3/females** | | | | | |
| Obese | 18.4% | 365,859 | 10.1% + 1.5% | 37,000 | 17.0% |
| Not Obese | 81.6% | 1,625,952 | 11.1% + 0.7% | 180,200 | 83.0% |
| Total | 100.0% | 1,991,811 | 10.5% + 0.6% | 208,100 | 100.0% |
| **Alcohol Consumption (age 18 & up)** | | | | | |
| Heavy Drinker->60/mo. | 2.1% | 27,661 | 20.7% + 7.8% | 5,700 | 4.0% |
| Drinker | 23.3% | 312,707 | 14.0% + 1.9% | 43,900 | 30.5% |
| Non-Drinker | 74.7% | 1,002,827 | 9.4% + 0.9% | 94,300 | 65.5% |
| Total | 100.0% | 1,343,195 | 10.7% + 0.8% | 143,500 | 100.0% |
| **Cigarette Smoking (age 18 & up)** | | | | | |
| Current Smoker | 12.4% | 166,218 | 14.7% + 2.7% | 24,400 | 17.0% |
| Non-Smoker | 87.6% | 1,176,977 | 10.1% + 0.8% | 119,300 | 83.0% |
| Total | 100.0% | 1,343,195 | 10.7% + 0.8% | 143,500 | 100.0% |

[1] Rounded to the nearest 100 persons.  Totals in this column may not sum due to missing values on the grouping variable.

[2] Adjusted to the Utah 1996 population age distribution.

[3] Medical conditions include Alzheimers disease, asthma, diabetes, obstructive pulmonary disease, arthritis, stroke and heart disease

[4] Vision impairment was defined as, "serious difficulty seeing, even while wearing glasses or contact lenses."

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| Demographic Subgroup | Survey Estimates of Utahns Who Were Injured in the Past 12 Months -- A G E - A D J U S T E D  R A T E S --[2] | | |
|---|---|---|---|
| | Percentage of Persons Who Were Injured | Percentage Who Were Injured More Than Once in Past 12 Mos. | Percentage Who Received Medical Attention (most recent injury) |
| **UTAH** | **10.5% ± 0.6%** | **2.5%** | **9.1%** |
| **Health Insurance** | | | |
| Yes | 10.8% ± 0.7% | 2.6% | 9.4% |
| No | 10.9% ± 2.3% | 3.0% | 8.5% |
| **Health Status** | | | |
| Good/Very Gd/ Exclnt | 10.5% ± 0.7% | 2.4% | 9.1% |
| Fair/Poor | 11.7% ± 2.5% | 3.5% | 10.4% |
| **Medical Condition** | | | |
| Yes | 14.9% ± 2.5% | 4.5% | 13.6% |
| No | 10.2% ± 0.7% | 2.2% | 8.4% |
| **Hearing Impairment** | | | |
| Yes | 20.4% ± 4.4% | 8.2% | 16.8% |
| No | 10.1% ± 0.6% | 2.3% | 8.8% |
| **Vision Impairment** | | | |
| Yes | 16.5% ± 6.0% | 5.1% | 13.3% |
| No | 10.6% ± 0.7% | 2.6% | 9.3% |
| **Exercises Regularly-3x per week (age 6 & up)** | | | |
| Yes | 12.6% ± 1.1% | 3.1% | 10.7% |
| No | 10.0% ± 0.9% | 2.4% | 8.7% |
| **Obesity-BMI >27.8/males, 27.3/females** | | | |
| Obese | 9.7% ± 1.6% | 2.6% | 8.5% |
| Not Obese | 11.1% ± 0.8% | 2.6% | 9.6% |
| **Alcohol Consumption (age 18 & up)** | | | |
| Heavy Drinker->60/mo. | 19.9% ± 7.0% | 6.7% | 17.6% |
| Drinker | 14.6% ± 2.0% | 4.0% | 12.5% |
| Non-Drinker | 9.5% ± 0.9% | 2.2% | 8.1% |
| **Cigarette Smoking (age 18 & up)** | | | |
| Current Smoker | 13.9% ± 2.5% | 4.3% | 12.0% |
| Non-Smoker | 10.3% ± 0.8% | 2.5% | 8.7% |

## Table 6. Cause of Injury
## By Selected Demographic Subgroups. Utah, 1996.

| Demographic Subgroup | Percentage of Persons in Each Subgroup Who Were Injured in the Past 12 Months, by Cause of Injury | | | | | |
|---|---|---|---|---|---|---|
| | Falls | Sports/ Leisure | Lifting | Motor Vehicle | Other & Missing | All Causes |
| **UTAH** | 3.0% ± 0.3% | 2.5% ± 0.3% | 1.1% ± 0.2% | 0.9% ± 0.2% | 2.9% ± 0.4% | 10.5% |
| **Sex** | | | | | | |
| Males | 2.8% ± 0.5% | 3.4% ± 0.5% | 1.5% ± 0.4% | 0.9% ± 0.3% | 3.8% ± 0.5% | 12.4% |
| Females | 3.3% ± 0.5% | 1.7% ± 0.4% | 0.8% ± 0.2% | 0.8% ± 0.2% | 2.1% ± 0.4% | 8.6% |
| Total | 3.0% ± 0.3% | 2.5% ± 0.3% | 1.1% ± 0.2% | 0.9% ± 0.2% | 2.9% ± 0.4% | 10.5% |
| **Age** | | | | | | |
| 4 and Under | 4.3% ± 1.2% | 1.0% ± 0.7% | 0.0% ± 0.0% | 0.1% ± 0.2% | 1.5% ± 0.6% | 6.9% |
| 5-15 | 3.5% ± 0.7% | 3.8% ± 0.8% | too few cases | 0.4% ± 0.2% | 3.2% ± 0.7% | 11.1% |
| 16-24 | 2.1% ± 0.7% | 5.2% ± 1.1% | 0.8% ± 0.5% | 1.9% ± 0.7% | 3.6% ± 1.0% | 13.7% |
| 25-44 | 2.5% ± 0.6% | 2.2% ± 0.5% | 2.3% ± 0.6% | 0.9% ± 0.4% | 3.8% ± 0.7% | 11.6% |
| 45-64 | 3.0% ± 0.9% | 1.2% ± 0.7% | 1.6% ± 0.6% | 1.1% ± 0.5% | 2.2% ± 0.8% | 9.0% |
| 65 and Over | 5.1% ± 1.5% | too few cases | too few cases | 0.5% ± 0.3% | 1.5% ± 0.9% | 7.6% |
| Total | 3.0% ± 0.3% | 2.5% ± 0.3% | 1.1% ± 0.2% | 0.9% ± 0.2% | 2.9% ± 0.4% | 10.5% |
| **Ethnicity** | | | | | | |
| Hispanic | 2.4% ± 1.3% | 1.9% ± 1.1% | 0.7% ± 0.8% | 0.5% ± 0.5% | 2.8% ± 1.8% | 8.3% |
| Not Hispanic | 3.1% ± 0.4% | 2.5% ± 0.3% | 1.2% ± 0.2% | 0.9% ± 0.2% | 3.0% ± 0.4% | 10.6% |
| Total | 3.0% ± 0.3% | 2.5% ± 0.3% | 1.1% ± 0.2% | 0.9% ± 0.2% | 2.9% ± 0.4% | 10.5% |
| **Education (Age ≥ 18)** | | | | | | |
| Some HS | 4.3% ± 1.8% | too few cases | 2.0% ± 1.4% | 1.2% ± 1.0% | 3.4% ± 1.8% | 11.9% |
| HS Grad/ Some College | 3.0% ± 0.5% | 2.1% ± 0.5% | 1.5% ± 0.4% | 1.1% ± 0.3% | 3.2% ± 0.6% | 10.9% |
| TechVoc Degree | 3.2% ± 2.0% | 0.6% ± 0.7% | too few cases | 1.0% ± 0.8% | 3.3% ± 1.9% | 8.9% |
| 4-Yr College Degree | 2.4% ± 0.8% | 2.2% ± 0.7% | 1.7% ± 0.6% | 0.8% ± 0.5% | 2.7% ± 0.8% | 9.8% |
| Total | 2.9% ± 0.4% | 2.0% ± 0.4% | 1.6% ± 0.3% | 1.1% ± 0.3% | 3.1% ± 0.2% | 10.7% |
| **Employment (Age ≥ 18)** | | | | | | |
| Full Time | 2.6% ± 0.6% | 2.5% ± 0.5% | 2.1% ± 0.5% | 1.1% ± 0.3% | 3.7% ± 0.7% | 12.1% |
| Part Time | 2.4% ± 1.0% | 2.3% ± 1.0% | 1.3% ± 0.7% | 1.0% ± 0.5% | 2.9% ± 1.1% | 9.9% |
| Retired | 4.5% ± 1.4% | 0.2% ± 0.1% | 0.3% ± 0.4% | 0.4% ± 0.3% | 1.3% ± 0.8% | 6.7% |
| Keeping House | 2.8% ± 1.4% | 1.1% ± 1.0% | 0.7% ± 0.6% | 1.0% ± 0.9% | 1.3% ± 0.8% | 6.8% |
| Student | 2.9% ± 2.0% | 3.5% ± 1.9% | 1.3% ± 1.2% | too few cases | 3.9% ± 2.5% | 13.0% |
| Other | 3.5% ± 2.2% | 0.6% ± 0.5% | 1.0% ± 0.8% | 0.7% ± 0.6% | 5.1% ± 2.4% | 10.9% |
| Total | 2.9% ± 0.4% | 2.0% ± 0.4% | 1.6% ± 0.3% | 1.1% ± 0.3% | 3.1% ± 0.2% | 10.7% |
| **Annual Household Income** | | | | | | |
| Less than $15K | 3.9% ± 1.4% | 2.6% ± 1.5% | 1.2% ± 0.6% | 0.9% ± 0.6% | 4.9% ± 1.7% | 13.4% |
| $15K-$34.9K | 3.9% ± 0.7% | 2.0% ± 0.5% | 1.2% ± 0.4% | 0.8% ± 0.3% | 3.5% ± 0.7% | 11.4% |
| $35K-54.9K | 2.9% ± 0.6% | 2.8% ± 0.6% | 1.2% ± 0.4% | 0.8% ± 0.3% | 2.8% ± 0.6% | 10.5% |
| $55K or More | 2.2% ± 0.6% | 3.1% ± 0.6% | 1.2% ± 0.5% | 0.9% ± 0.5% | 2.3% ± 0.6% | 9.7% |
| Total | 3.0% ± 0.3% | 2.5% ± 0.3% | 1.1% ± 0.2% | 0.9% ± 0.2% | 2.9% ± 0.4% | 10.5% |
| **Type of Dwelling** | | | | | | |
| House | 2.9% ± 0.4% | 2.5% ± 0.4% | 1.0% ± 0.2% | 0.8% ± 0.2% | 2.8% ± 0.4% | 10.0% |
| Apartment | 4.1% ± 1.2% | 3.4% ± 1.3% | 1.4% ± 0.8% | 0.9% ± 0.6% | 3.9% ± 1.2% | 13.6% |
| Condominium | 3.8% ± 2.1% | 3.0% ± 1.9% | 3.2% ± 2.4% | too few cases | 1.9% ± 1.7% | 12.3% |
| Mobile Home | 3.4% ± 1.4% | 1.0% ± 0.7% | 0.9% ± 0.6% | 1.7% ± 1.1% | 2.5% ± 1.2% | 9.5% |
| Other | 4.2% ± 2.8% | 1.9% ± 1.5% | 1.1% ± 1.0% | 1.4% ± 1.6% | 4.9% ± 3.4% | 13.5% |
| Total | 3.0% ± 0.3% | 2.5% ± 0.3% | 1.1% ± 0.2% | 0.9% ± 0.2% | 2.9% ± 0.4% | 10.5% |
| **Wasatch Front Residence** | | | | | | |
| Wasatch Front | 3.0% ± 0.4% | 2.6% ± 0.4% | 1.1% ± 0.3% | 0.8% ± 0.2% | 3.0% ± 0.4% | 10.5% |
| Non-Wasatch Front | 3.3% ± 0.4% | 2.3% ± 0.3% | 1.1% ± 0.2% | 1.0% ± 0.2% | 2.9% ± 0.4% | 10.5% |
| Total | 3.0% ± 0.3% | 2.5% ± 0.3% | 1.1% ± 0.2% | 0.9% ± 0.2% | 2.9% ± 0.4% | 10.5% |

| Of Those Who Were Injured in the Past 12 Months, Percentage Distribution by Cause of Injury Within Each Subgroup | | | | | | Of Those Who Were Injured in the Past 12 Months, Percentage Distribution by Subgroup Within Each Cause of Injury | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Falls | Sports/ Leisure | Lifting | Motor Vehicle | Other & Missing | All Causes | Falls | Sports/ Leisure | Lifting | Motor Vehicle | Other & Missing | All Causes |
| 29.7% | 25.3% | 10.9% | 8.2% | 25.9% | 100.0% | 100.0% | 100.0% | 100.0% | 100.0% | 100.0% | 100.0% |
| | | | | | | | | | | | |
| 23.2% | 27.8% | 11.9% | 7.3% | 29.8% | 100.0% | 45.8% | 66.7% | 64.2% | 51.9% | 65.5% | 58.7% |
| 38.9% | 19.7% | 9.4% | 9.6% | 22.3% | 100.0% | 54.2% | 33.4% | 35.8% | 48.1% | 34.5% | 41.3% |
| 29.7% | 25.3% | 10.9% | 8.2% | 25.9% | 100.0% | 100.0% | 100.0% | 100.0% | 100.0% | 100.0% | 100.0% |
| | | | | | | | | | | | |
| 61.9% | 14.7% | 0.0% | 1.8% | 21.7% | 100.0% | 12.5% | 3.6% | 0.0% | 1.3% | 4.9% | 6.0% |
| 32.3% | 35.0% | 2.1% | 3.9% | 26.7% | 100.0% | 22.7% | 30.1% | 4.0% | 9.8% | 21.0% | 20.9% |
| 15.9% | 39.3% | 6.4% | 14.2% | 24.1% | 100.0% | 10.3% | 31.1% | 11.2% | 32.9% | 17.4% | 19.2% |
| 21.8% | 19.1% | 19.7% | 7.7% | 31.8% | 100.0% | 24.0% | 25.9% | 59.2% | 30.4% | 39.2% | 32.9% |
| 33.3% | 12.9% | 18.1% | 11.7% | 23.9% | 100.0% | 16.6% | 7.9% | 24.6% | 20.9% | 13.3% | 14.8% |
| 67.5% | 5.5% | 1.8% | 6.4% | 18.8% | 100.0% | 13.9% | 1.4% | 1.0% | 4.8% | 4.3% | 6.1% |
| 29.7% | 25.3% | 10.9% | 8.2% | 25.9% | 100.0% | 100.0% | 100.0% | 100.0% | 100.0% | 100.0% | 100.0% |
| | | | | | | | | | | | |
| 32.6% | 24.8% | 9.2% | 6.2% | 27.2% | 100.0% | 4.5% | 4.2% | 3.5% | 3.1% | 4.2% | 4.1% |
| 29.5% | 24.4% | 11.0% | 8.4% | 26.8% | 100.0% | 95.5% | 95.8% | 96.5% | 96.9% | 95.8% | 95.9% |
| 29.7% | 25.3% | 10.9% | 8.2% | 25.9% | 100.0% | 100.0% | 100.0% | 100.0% | 100.0% | 100.0% | 100.0% |
| | | | | | | | | | | | |
| 37.3% | 8.7% | 16.9% | 10.5% | 26.6% | 100.0% | 9.6% | 3.3% | 8.1% | 7.6% | 6.9% | 7.2% |
| 27.8% | 19.5% | 14.2% | 10.7% | 27.9% | 100.0% | 61.5% | 63.2% | 58.0% | 66.0% | 61.6% | 61.8% |
| 36.2% | 6.7% | 8.9% | 11.7% | 36.5% | 100.0% | 5.8% | 1.6% | 2.6% | 5.2% | 5.8% | 4.4% |
| 24.3% | 22.9% | 17.8% | 8.0% | 27.1% | 100.0% | 23.2% | 32.0% | 31.4% | 21.3% | 25.7% | 26.6% |
| 27.7% | 19.1% | 15.1% | 10.0% | 28.1% | 100.0% | 100.0% | 100.0% | 100.0% | 100.0% | 100.0% | 100.0% |
| | | | | | | | | | | | |
| 22.0% | 21.1% | 17.8% | 9.5% | 29.7% | 100.0% | 50.2% | 70.1% | 75.4% | 63.8% | 67.0% | 63.9% |
| 24.4% | 23.6% | 13.6% | 10.4% | 28.0% | 100.0% | 10.9% | 15.4% | 11.3% | 13.6% | 12.4% | 12.5% |
| 67.9% | 2.4% | 4.8% | 6.1% | 18.8% | 100.0% | 20.6% | 1.1% | 2.7% | 5.4% | 5.6% | 8.5% |
| 41.7% | 16.2% | 10.8% | 14.1% | 17.2% | 100.0% | 9.0% | 5.1% | 4.3% | 8.9% | 3.7% | 6.0% |
| 24.2% | 29.0% | 11.0% | 11.0% | 24.8% | 100.0% | 4.0% | 7.0% | 3.4% | 5.3% | 4.1% | 4.6% |
| 33.1% | 5.6% | 9.8% | 6.3% | 45.2% | 100.0% | 5.3% | 1.3% | 2.9% | 3.0% | 7.2% | 4.5% |
| 27.7% | 19.1% | 15.1% | 10.0% | 28.1% | 100.0% | 100.0% | 100.0% | 100.0% | 100.0% | 100.0% | 100.0% |
| | | | | | | | | | | | |
| 29.0% | 19.2% | 8.7% | 6.7% | 36.3% | 100.0% | 8.6% | 6.6% | 6.5% | 7.2% | 11.4% | 8.5% |
| 34.6% | 18.1% | 10.6% | 7.4% | 29.3% | 100.0% | 37.9% | 22.9% | 29.3% | 29.5% | 34.2% | 31.5% |
| 28.2% | 26.8% | 11.9% | 7.5% | 25.6% | 100.0% | 31.9% | 35.1% | 33.9% | 30.8% | 30.9% | 32.6% |
| 22.7% | 32.1% | 12.6% | 9.4% | 23.2% | 100.0% | 21.6% | 35.4% | 30.3% | 32.5% | 23.5% | 27.4% |
| 29.7% | 25.3% | 10.9% | 8.2% | 25.9% | 100.0% | 100.0% | 100.0% | 100.0% | 100.0% | 100.0% | 100.0% |
| | | | | | | | | | | | |
| 29.0% | 25.2% | 10.5% | 8.2% | 27.2% | 100.0% | 75.4% | 79.5% | 74.0% | 76.7% | 78.5% | 77.2% |
| 31.3% | 26.0% | 10.3% | 6.9% | 25.5% | 100.0% | 13.8% | 13.8% | 12.3% | 10.8% | 12.5% | 13.0% |
| 30.6% | 24.8% | 26.3% | 3.1% | 15.3% | 100.0% | 3.8% | 3.7% | 8.8% | 1.4% | 2.1% | 3.7% |
| 36.1% | 10.4% | 9.2% | 18.3% | 26.0% | 100.0% | 4.2% | 1.5% | 2.9% | 7.7% | 3.4% | 3.5% |
| 31.4% | 13.8% | 7.9% | 10.7% | 36.3% | 100.0% | 2.8% | 1.5% | 1.9% | 3.4% | 3.6% | 2.6% |
| 29.7% | 25.3% | 10.9% | 8.2% | 25.9% | 100.0% | 100.0% | 100.0% | 100.0% | 100.0% | 100.0% | 100.0% |
| | | | | | | | | | | | |
| 28.9% | 25.2% | 11.0% | 7.8% | 27.0% | 100.0% | 75.3% | 79.6% | 78.2% | 72.9% | 78.1% | 77.2% |
| 32.2% | 21.9% | 10.4% | 9.8% | 25.7% | 100.0% | 24.7% | 20.4% | 21.8% | 27.1% | 22.0% | 22.8% |
| 29.7% | 25.3% | 10.9% | 8.2% | 25.9% | 100.0% | 100.0% | 100.0% | 100.0% | 100.0% | 100.0% | 100.0% |

| Demographic Subgroup | Percentage of Persons in Each Subgroup Who Were Injured in the Past 12 Months, by Place of Occurance | | | | | | |
|---|---|---|---|---|---|---|---|
| | Home | Work | Sports/ Rec | Street | School | Other & Missing | All Places |
| **UTAH** | 3.2% ± 0.4% | 1.8% ± 0.3% | 1.7% ± 0.3% | 1.0% ± 0.2% | 0.6% ± 0.2% | 2.2% ± 0.3% | 10.5% |
| **Sex** | | | | | | | |
| Males | 3.2% ± 0.5% | 2.8% ± 0.5% | 2.2% ± 0.4% | 0.9% ± 0.3% | 0.9% ± 0.3% | 2.3% ± 0.4% | 12.4% |
| Females | 3.2% ± 0.5% | 0.9% ± 0.2% | 1.1% ± 0.3% | 1.0% ± 0.3% | 0.4% ± 0.2% | 2.0% ± 0.4% | 8.6% |
| Total | 3.2% ± 0.4% | 1.8% ± 0.3% | 1.7% ± 0.3% | 1.0% ± 0.2% | 0.6% ± 0.2% | 2.2% ± 0.3% | 10.5% |
| **Age** | | | | | | | |
| 4 and Under | 4.5% ± 1.3% | n/a | too few cases | too few cases | too few cases | 2.0% ± 0.9% | 6.9% |
| 5-15 | 4.0% ± 0.8% | too few cases | 1.6% ± 0.5% | 0.7% ± 0.3% | 2.1% ± 0.6% | 2.7% ± 0.7% | 11.1% |
| 16-24 | 1.5% ± 0.7% | 2.5% ± 0.8% | 3.8% ± 1.0% | 1.8% ± 0.7% | 1.3% ± 0.6% | 2.7% ± 0.8% | 13.7% |
| 25-44 | 3.1% ± 0.6% | 3.7% ± 0.7% | 1.9% ± 0.5% | 0.8% ± 0.3% | too few cases | 2.0% ± 0.5% | 11.6% |
| 45-64 | 3.0% ± 0.8% | 2.1% ± 0.7% | 0.6% ± 0.4% | 1.4% ± 0.6% | too few cases | 2.0% ± 0.8% | 9.0% |
| 65 and Over | 4.3% ± 1.5% | too few cases | 0.9% ± 0.8% | 0.6% ± 0.4% | too few cases | 1.6% ± 0.8% | 7.6% |
| Total | 3.2% ± 0.4% | 1.8% ± 0.3% | 1.7% ± 0.3% | 1.0% ± 0.2% | 0.6% ± 0.2% | 2.2% ± 0.3% | 10.5% |
| **Ethnicity** | | | | | | | |
| Hispanic | 2.9% ± 1.7% | 1.4% ± 1.1% | 1.6% ± 1.1% | 0.8% ± 0.7% | too few cases | 1.1% ± 1.0% | 8.3% |
| Not Hispanic | 3.2% ± 0.4% | 1.9% ± 0.3% | 1.7% ± 0.3% | 1.0% ± 0.2% | 0.7% ± 0.2% | 2.2% ± 0.3% | 10.6% |
| Total | 3.2% ± 0.4% | 1.8% ± 0.3% | 1.7% ± 0.3% | 1.0% ± 0.2% | 0.6% ± 0.2% | 2.2% ± 0.3% | 10.5% |
| **Education (Age ≥ 18)** | | | | | | | |
| Some HS | 2.9% ± 1.5% | 5.3% ± 2.3% | too few cases | 1.2% ± 1.0% | too few cases | 1.3% ± 0.8% | 11.9% |
| HS Grad/ Some College | 2.8% ± 0.5% | 2.8% ± 0.5% | 1.8% ± 0.4% | 1.2% ± 0.3% | too few cases | 2.1% ± 0.5% | 10.9% |
| TechVoc Degree | 3.2% ± 2.1% | 3.6% ± 1.8% | 0.4% ± 0.5% | 0.7% ± 0.6% | too few cases | too few cases | 8.9% |
| 4-Yr College Degree | 3.1% ± 0.8% | 1.7% ± 0.5% | 1.9% ± 0.7% | 1.0% ± 0.6% | too few cases | 1.9% ± 0.7% | 9.8% |
| Total | 3.0% ± 0.4% | 2.7% ± 0.4% | 1.8% ± 0.3% | 1.1% ± 0.3% | too few cases | 2.0% ± 0.4% | 10.7% |
| **Employment  (Age ≥ 18)** | | | | | | | |
| Full Time | 2.7% ± 0.6% | 4.0% ± 0.7% | 2.2% ± 0.5% | 1.1% ± 0.4% | too few cases | 2.0% ± 0.5% | 12.1% |
| Part Time | 2.5% ± 1.0% | 2.6% ± 1.0% | 1.9% ± 0.9% | 1.2% ± 0.6% | too few cases | 1.6% ± 0.8% | 9.9% |
| Retired | 4.0% ± 1.4% | too few cases | too few cases | 0.6% ± 0.4% | too few cases | 1.5% ± 0.7% | 6.7% |
| Keeping House | 3.2% ± 1.5% | too few cases | too few cases | 1.3% ± 1.1% | too few cases | 1.5% ± 1.0% | 6.8% |
| Student | 3.3% ± 2.3% | too few cases | 3.5% ± 2.2% | too few cases | too few cases | 2.7% ± 1.8% | 13.0% |
| Other | 4.7% ± 2.6% | 1.9% ± 1.2% | too few cases | too few cases | too few cases | 3.0% ± 1.7% | 10.9% |
| Total | 3.0% ± 0.4% | 2.7% ± 0.4% | 1.8% ± 0.3% | 1.1% ± 0.3% | too few cases | 2.0% ± 0.4% | 10.7% |
| **Annual Household Income** | | | | | | | |
| Less than $15K | 5.6% ± 1.8% | 2.0% ± 0.9% | 0.7% ± 0.6% | 1.0% ± 0.7% | 1.0% ± 0.7% | 3.1% ± 1.2% | 13.4% |
| $15K-$34.9K | 3.6% ± 0.7% | 2.8% ± 0.7% | 1.3% ± 0.4% | 1.0% ± 0.4% | 0.6% ± 0.3% | 2.1% ± 0.6% | 11.4% |
| $35K-54.9K | 3.2% ± 0.6% | 1.6% ± 0.4% | 2.0% ± 0.5% | 0.7% ± 0.3% | 0.7% ± 0.3% | 2.3% ± 0.6% | 10.5% |
| $55K or More | 2.6% ± 0.6% | 1.2% ± 0.5% | 1.9% ± 0.5% | 1.1% ± 0.5% | 0.8% ± 0.3% | 2.2% ± 0.6% | 9.7% |
| Total | 3.2% ± 0.4% | 1.8% ± 0.3% | 1.7% ± 0.3% | 1.0% ± 0.2% | 0.6% ± 0.2% | 2.2% ± 0.3% | 10.5% |
| **Type of Dwelling** | | | | | | | |
| House | 3.0% ± 0.4% | 1.6% ± 0.3% | 1.6% ± 0.3% | 0.9% ± 0.2% | 0.7% ± 0.2% | 2.2% ± 0.4% | 10.0% |
| Apartment | 5.1% ± 1.4% | 3.0% ± 1.2% | 1.9% ± 0.8% | 1.1% ± 0.7% | too few cases | 2.2% ± 0.9% | 13.6% |
| Condominium | 3.9% ± 2.4% | 1.6% ± 1.3% | 3.3% ± 2.4% | 0.6% ± 0.5% | too few cases | 2.8% ± 1.8% | 12.3% |
| Mobile Home | 2.9% ± 1.3% | 2.5% ± 1.2% | 0.3% ± 0.2% | too few cases | too few cases | 1.5% ± 0.8% | 9.5% |
| Other | 2.7% ± 2.6% | 3.9% ± 2.6% | too few cases | too few cases | 0.3% ± 0.5% | 3.1% ± 2.4% | 13.5% |
| Total | 3.2% ± 0.4% | 1.8% ± 0.3% | 1.7% ± 0.3% | 1.0% ± 0.2% | 0.6% ± 0.2% | 2.2% ± 0.3% | 10.5% |
| **Wasatch Front Residence** | | | | | | | |
| Wasatch Front | 3.3% ± 0.4% | 1.7% ± 0.3% | 1.7% ± 0.3% | 1.0% ± 0.3% | 0.6% ± 0.2% | 2.2% ± 0.4% | 10.5% |
| Non-Wasatch Front | 2.9% ± 0.4% | 2.3% ± 0.3% | 1.5% ± 0.3% | 0.9% ± 0.2% | 0.8% ± 0.2% | 2.1% ± 0.3% | 10.5% |
| Total | 3.2% ± 0.4% | 1.8% ± 0.3% | 1.7% ± 0.3% | 1.0% ± 0.2% | 0.6% ± 0.2% | 2.2% ± 0.3% | 10.5% |

(continued from previous page)

| Of Those Injured in the Past 12 Months, Percentage Distribution by Place of Injury Within Each Subgroup | | | | | | | Of Those Injured in the Past 12 Months, Percentage Distribution by Subgroup Within Each Place of Injury | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Home | Work | Sports/ Rec | Street | School | Other & Missing | All Places | Home | Work | Sports/ Leisure | Street | School | Other & Missing |
| 31.3% | 18.0% | 16.1% | 9.3% | 6.3% | 19.2% | 100.0% | 100.0% | 100.0% | 100.0% | 100.0% | 100.0% | 100.0% |
|  |  |  |  |  |  |  |  |  |  |  |  |  |
| 26.3% | 23.3% | 18.5% | 7.6% | 7.1% | 17.3% | 100.0% | 49.2% | 76.1% | 67.4% | 48.0% | 66.0% | 52.8% |
| 38.4% | 10.4% | 12.7% | 11.6% | 5.2% | 21.8% | 100.0% | 50.8% | 24.0% | 32.6% | 52.0% | 34.0% | 47.2% |
| 31.3% | 18.0% | 16.1% | 9.3% | 6.3% | 19.2% | 100.0% | 100.0% | 100.0% | 100.0% | 100.0% | 100.0% | 100.0% |
|  |  |  |  |  |  |  |  |  |  |  |  |  |
| 66.2% | 0.2% | 2.1% | 2.6% | 0.9% | 28.0% | 100.0% | 12.5% | 0.1% | 0.8% | 1.6% | 0.8% | 8.8% |
| 37.3% | 0.7% | 14.4% | 6.3% | 19.0% | 22.4% | 100.0% | 24.8% | 0.8% | 18.9% | 14.2% | 63.5% | 24.5% |
| 11.4% | 18.7% | 28.6% | 13.8% | 9.9% | 17.7% | 100.0% | 7.0% | 20.1% | 34.9% | 28.6% | 30.7% | 18.0% |
| 27.5% | 32.1% | 16.7% | 7.4% | 0.9% | 15.5% | 100.0% | 28.8% | 58.7% | 34.6% | 26.1% | 4.5% | 26.8% |
| 33.7% | 23.6% | 7.0% | 15.5% | 0.2% | 20.1% | 100.0% | 15.6% | 19.1% | 6.4% | 24.2% | 0.4% | 15.4% |
| 56.9% | 3.9% | 11.3% | 7.9% | 0.0% | 20.1% | 100.0% | 11.2% | 1.3% | 4.4% | 5.3% | 0.0% | 6.5% |
| 31.3% | 18.0% | 16.1% | 9.3% | 6.3% | 19.2% | 100.0% | 100.0% | 100.0% | 100.0% | 100.0% | 100.0% | 100.0% |
|  |  |  |  |  |  |  |  |  |  |  |  |  |
| 35.3% | 17.6% | 20.1% | 9.4% | 6.1% | 11.5% | 100.0% | 5.1% | 4.4% | 5.6% | 4.6% | 4.4% | 2.7% |
| 31.0% | 18.0% | 15.9% | 9.3% | 6.3% | 19.5% | 100.0% | 94.9% | 95.6% | 94.4% | 95.4% | 95.6% | 97.3% |
| 31.3% | 18.0% | 16.1% | 9.3% | 6.3% | 19.2% | 100.0% | 100.0% | 100.0% | 100.0% | 100.0% | 100.0% | 100.0% |
|  |  |  |  |  |  |  |  |  |  |  |  |  |
| 24.2% | 44.9% | 9.9% | 10.1% | 0.3% | 10.6% | 100.0% | 6.3% | 12.7% | 4.3% | 7.0% | 1.7% | 4.7% |
| 26.4% | 26.2% | 17.2% | 10.9% | 1.5% | 17.9% | 100.0% | 57.8% | 62.6% | 63.0% | 63.4% | 66.8% | 66.7% |
| 35.9% | 40.6% | 4.1% | 7.8% | 0.0% | 11.6% | 100.0% | 5.6% | 6.9% | 1.1% | 3.2% | 0.0% | 3.1% |
| 32.9% | 17.8% | 20.5% | 10.8% | 1.6% | 16.3% | 100.0% | 30.3% | 17.8% | 31.6% | 26.4% | 31.5% | 25.5% |
| 28.5% | 26.0% | 16.7% | 10.6% | 1.4% | 16.8% | 100.0% | 100.0% | 100.0% | 100.0% | 100.0% | 100.0% | 100.0% |
|  |  |  |  |  |  |  |  |  |  |  |  |  |
| 22.7% | 33.5% | 18.4% | 9.7% | 0.6% | 15.2% | 100.0% | 50.0% | 81.4% | 69.9% | 59.4% | 25.9% | 58.1% |
| 25.9% | 26.7% | 20.2% | 12.3% | 1.8% | 13.2% | 100.0% | 11.0% | 12.5% | 14.8% | 14.6% | 15.8% | 9.7% |
| 59.8% | 3.4% | 7.1% | 8.6% | 0.0% | 21.1% | 100.0% | 17.7% | 1.1% | 3.6% | 7.1% | 0.0% | 10.8% |
| 47.7% | 3.7% | 5.9% | 19.3% | 2.7% | 20.8% | 100.0% | 10.1% | 0.9% | 2.1% | 11.4% | 11.8% | 7.6% |
| 25.1% | 5.9% | 26.7% | 10.2% | 11.7% | 20.4% | 100.0% | 4.3% | 1.1% | 7.9% | 4.9% | 42.2% | 6.1% |
| 42.7% | 17.0% | 5.8% | 5.9% | 1.2% | 27.4% | 100.0% | 6.9% | 3.0% | 1.6% | 2.6% | 4.2% | 7.7% |
| 28.5% | 26.0% | 16.7% | 10.6% | 1.4% | 16.8% | 100.0% | 100.0% | 100.0% | 100.0% | 100.0% | 100.0% | 100.0% |
|  |  |  |  |  |  |  |  |  |  |  |  |  |
| 41.5% | 14.7% | 5.4% | 7.7% | 7.7% | 22.9% | 100.0% | 11.4% | 7.2% | 2.9% | 7.4% | 10.0% | 10.1% |
| 32.1% | 25.0% | 12.0% | 9.1% | 5.0% | 16.9% | 100.0% | 32.3% | 44.9% | 23.8% | 32.2% | 23.6% | 27.5% |
| 31.6% | 15.3% | 19.1% | 7.1% | 6.7% | 20.2% | 100.0% | 32.7% | 28.2% | 38.9% | 25.9% | 32.7% | 33.8% |
| 27.2% | 12.7% | 20.2% | 11.3% | 8.2% | 20.4% | 100.0% | 23.7% | 19.7% | 34.5% | 34.5% | 33.8% | 28.6% |
| 31.3% | 18.0% | 16.1% | 9.3% | 6.3% | 19.2% | 100.0% | 100.0% | 100.0% | 100.0% | 100.0% | 100.0% | 100.0% |
|  |  |  |  |  |  |  |  |  |  |  |  |  |
| 30.4% | 16.6% | 16.5% | 9.0% | 7.3% | 20.2% | 100.0% | 74.9% | 71.4% | 79.1% | 75.3% | 89.6% | 81.3% |
| 38.8% | 22.6% | 14.2% | 8.0% | 3.9% | 12.4% | 100.0% | 16.3% | 16.6% | 11.6% | 11.4% | 8.2% | 8.5% |
| 31.9% | 13.4% | 27.4% | 4.7% | 0.3% | 22.4% | 100.0% | 3.7% | 2.7% | 6.2% | 1.8% | 0.2% | 4.3% |
| 31.3% | 26.6% | 2.8% | 21.9% | 2.1% | 15.3% | 100.0% | 3.5% | 5.1% | 0.6% | 8.2% | 1.1% | 2.8% |
| 19.8% | 28.6% | 15.1% | 11.4% | 2.1% | 23.0% | 100.0% | 1.7% | 4.2% | 2.5% | 3.3% | 0.9% | 3.2% |
| 31.3% | 18.0% | 16.1% | 9.3% | 6.3% | 19.2% | 100.0% | 100.0% | 100.0% | 100.0% | 100.0% | 100.0% | 100.0% |
|  |  |  |  |  |  |  |  |  |  |  |  |  |
| 32.1% | 16.8% | 16.6% | 9.3% | 5.9% | 19.3% | 100.0% | 79.2% | 72.0% | 79.5% | 77.7% | 72.5% | 77.5% |
| 28.4% | 21.9% | 14.4% | 9.0% | 7.5% | 18.8% | 100.0% | 20.8% | 28.0% | 20.6% | 22.3% | 27.5% | 22.5% |
| 31.3% | 18.0% | 16.1% | 9.3% | 6.3% | 19.2% | 100.0% | 100.0% | 100.0% | 100.0% | 100.0% | 100.0% | 100.0% |

## Table 8a. Place of Injury for Each Injury Cause by Sex. Injured Persons in Utah, 1996.

| Cause of Injury by Sex | Percentage Distribution for Place of Injury for Each Injury Cause | | | | | | |
|---|---|---|---|---|---|---|---|
| | Home | Work | Sports/ Rec | Street | School | Other/ No Answer | Total |
| **Falls** | | | | | | | |
| Males | 40.1% | 21.1% | 11.5% | 0.8% | 6.2% | 20.3% | 100.0% |
| Females | 51.5% | 6.0% | 9.0% | 4.9% | 3.4% | 25.2% | 100.0% |
| Both | 46.3% | 12.9% | 10.2% | 3.0% | 4.7% | 23.0% | 100.0% |
| **Sports/Leisure Activities** | | | | | | | |
| Males | 8.0% | 1.5% | 41.4% | 6.6% | 15.1% | 27.4% | 100.0% |
| Females | 11.6% | 0.8% | 38.3% | 2.9% | 14.1% | 32.3% | 100.0% |
| Both | 9.2% | 1.3% | 40.4% | 5.4% | 14.8% | 29.0% | 100.0% |
| **Lifting** | | | | | | | |
| Males | 20.1% | 57.4% | 12.6% | 0.5% | 0.0% | 9.4% | 100.0% |
| Females | 46.2% | 38.4% | 0.0% | 0.0% | 5.6% | 9.9% | 100.0% |
| Both | 29.5% | 50.6% | 8.1% | 0.3% | 2.0% | 9.6% | 100.0% |
| **Motor Vehicles** | | | | | | | |
| Males | 4.9% | 5.1% | 6.1% | 75.0% | 0.0% | 9.0% | 100.0% |
| Females | 0.4% | 2.8% | 1.9% | 88.6% | 0.0% | 6.3% | 100.0% |
| Both | 2.7% | 4.0% | 4.1% | 81.6% | 0.0% | 7.7% | 100.0% |
| **Other & Missing** | | | | | | | |
| Males | 37.8% | 34.0% | 7.4% | 0.1% | 4.4% | 16.4% | 100.0% |
| Females | 47.4% | 16.2% | 5.6% | 2.5% | 2.2% | 26.1% | 100.0% |
| Both | 41.2% | 27.7% | 6.8% | 0.9% | 3.6% | 19.9% | 100.0% |

# Table 8b. Place of Injury for Each Injury Cause by Age Group. Injured Persons in Utah, 1996.

| Cause of Injury by Age Group | Percentage Distribution for Place of Injury for Each Injury Cause | | | | | | |
|---|---|---|---|---|---|---|---|
| | Home | Work | Sports/ Rec | Street | School | Other & Missing | Total |
| **Falls** | | | | | | | |
| **4 and Under** | 73.8% | 0.2% | 0.4% | 0.0% | 0.0% | 25.6% | 100.0% |
| **5-15** | 50.5% | 1.0% | 8.2% | 2.5% | 17.2% | 20.6% | 100.0% |
| **16-24** | 19.1% | 22.3% | 23.5% | 6.5% | 3.2% | 25.4% | 100.0% |
| **25-44** | 33.3% | 30.0% | 10.4% | 2.1% | 1.7% | 22.5% | 100.0% |
| **45-64** | 44.5% | 18.3% | 10.1% | 4.9% | 0.4% | 21.8% | 100.0% |
| **65 and Over** | 60.5% | 1.3% | 10.3% | 3.3% | 0.0% | 24.7% | 100.0% |
| **All Ages** | 46.3% | 12.9% | 10.2% | 3.0% | 4.7% | 23.0% | 100.0% |
| **Sports/Leisure Activities** | | | | | | | |
| **4 and Under** | 33.8% | 0.0% | 6.5% | 9.2% | 0.0% | 50.6% | 100.0% |
| **5-15** | 16.6% | 0.0% | 25.6% | 7.4% | 24.5% | 25.8% | 100.0% |
| **16-24** | 3.0% | 1.2% | 49.3% | 2.5% | 21.5% | 22.5% | 100.0% |
| **25-44** | 5.1% | 3.1% | 56.3% | 4.7% | 2.5% | 28.3% | 100.0% |
| **45-64** | 10.8% | 1.9% | 20.1% | 10.7% | 0.1% | 56.5% | 100.0% |
| **65 and Over** | 0.0% | 0.0% | 74.0% | 3.6% | 0.0% | 22.5% | 100.0% |
| **All Ages** | 9.2% | 1.3% | 40.4% | 5.4% | 14.8% | 29.0% | 100.0% |
| **Lifting** | | | | | | | |
| **4 and Under** | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% |
| **5-15** | 53.2% | 0.0% | 0.0% | 0.0% | 33.9% | 12.9% | 100.0% |
| **16-24** | 4.2% | 69.8% | 13.3% | 0.0% | 5.6% | 7.3% | 100.0% |
| **25-44** | 28.3% | 49.9% | 10.4% | 0.0% | 0.0% | 11.4% | 100.0% |
| **45-64** | 39.1% | 54.5% | 1.8% | 1.4% | 0.0% | 3.3% | 100.0% |
| **65 and Over** | 39.0% | 0.0% | 0.0% | 0.0% | 0.0% | 61.0% | 100.0% |
| **All Ages** | 29.5% | 50.6% | 8.1% | 0.3% | 2.0% | 9.6% | 100.0% |
| **Motor Vehicles** | | | | | | | |
| **4 and Under** | 0.0% | 0.0% | 0.0% | 68.7% | 0.0% | 31.3% | 100.0% |
| **5-15** | 11.0% | 0.6% | 7.5% | 66.9% | 0.0% | 14.0% | 100.0% |
| **16-24** | 1.6% | 0.4% | 7.3% | 83.1% | 0.0% | 7.6% | 100.0% |
| **25-44** | 3.7% | 10.9% | 3.0% | 78.3% | 0.0% | 4.1% | 100.0% |
| **45-64** | 0.0% | 0.6% | 0.0% | 90.2% | 0.0% | 9.3% | 100.0% |
| **65 and Over** | 0.0% | 8.0% | 0.0% | 87.2% | 0.0% | 4.9% | 100.0% |
| **All Ages** | 2.7% | 4.0% | 4.1% | 81.6% | 0.0% | 7.7% | 100.0% |
| **Other & Missing** | | | | | | | |
| **4 and Under** | 68.9% | 0.3% | 4.1% | 0.0% | 4.0% | 22.6% | 100.0% |
| **5-15** | 46.3% | 1.0% | 8.4% | 0.9% | 14.1% | 29.3% | 100.0% |
| **16-24** | 24.9% | 37.9% | 13.8% | 0.0% | 2.3% | 21.0% | 100.0% |
| **25-44** | 39.9% | 42.6% | 4.2% | 0.1% | 0.0% | 13.3% | 100.0% |
| **45-64** | 39.9% | 28.0% | 2.3% | 5.5% | 0.1% | 24.2% | 100.0% |
| **65 and Over** | 78.6% | 12.4% | 1.6% | 0.0% | 0.0% | 7.5% | 100.0% |
| **All Ages** | 41.2% | 27.7% | 6.8% | 0.9% | 3.6% | 19.9% | 100.0% |

## Table 9a.  Cause of Injury for Each Injury Location by Sex.  Injured Persons in Utah, 1996.

| Place of Injury by Sex | Percentage Distribution for Cause of Injury for Each Location | | | | | |
|---|---|---|---|---|---|---|
| | Falls | Sports/ Leisure | Lifting | Motor Vehicle | Other & Missing | Total |
| **Home** | | | | | | |
| **Males** | 35.5% | 8.5% | 9.2% | 1.4% | 45.4% | 100.0% |
| **Females** | 52.2% | 6.0% | 11.3% | 0.1% | 30.4% | 100.0% |
| **Both** | 44.0% | 7.2% | 10.3% | 0.7% | 37.8% | 100.0% |
| **Work** | | | | | | |
| **Males** | 21.1% | 1.8% | 29.5% | 1.6% | 46.0% | 100.0% |
| **Females** | 22.5% | 1.6% | 34.9% | 2.6% | 38.4% | 100.0% |
| **Both** | 21.4% | 1.8% | 30.8% | 1.8% | 44.2% | 100.0% |
| **Sports or Recreation Area** | | | | | | |
| **Males** | 14.4% | 62.4% | 8.1% | 2.4% | 12.6% | 100.0% |
| **Females** | 27.8% | 59.8% | 0.0% | 1.4% | 11.0% | 100.0% |
| **Both** | 18.8% | 61.6% | 5.5% | 2.1% | 12.1% | 100.0% |
| **Street** | | | | | | |
| **Males** | 2.3% | 24.3% | 0.8% | 72.4% | 0.2% | 100.0% |
| **Females** | 16.4% | 5.0% | 0.0% | 73.3% | 5.3% | 100.0% |
| **Both** | 9.6% | 14.3% | 0.4% | 72.9% | 2.8% | 100.0% |
| **School** | | | | | | |
| **Males** | 20.5% | 59.8% | 0.0% | 0.0% | 19.7% | 100.0% |
| **Females** | 25.6% | 53.9% | 10.1% | 0.0% | 10.3% | 100.0% |
| **Both** | 22.3% | 57.8% | 3.5% | 0.0% | 16.5% | 100.0% |
| **Other & Missing** | | | | | | |
| **Males** | 24.5% | 39.5% | 5.8% | 3.4% | 26.8% | 100.0% |
| **Females** | 40.6% | 26.4% | 3.9% | 2.5% | 26.6% | 100.0% |
| **Both** | 32.0% | 33.4% | 4.9% | 3.0% | 26.7% | 100.0% |

# Table 9b.  Cause of Injury for Each Injury Location by Age Group.  Injured Persons in Utah, 1996.

| Place of Injury by Age Group | Percentage Distribution for Cause of Injury for Each Location | | | | | |
|---|---|---|---|---|---|---|
| | Fall | Sports/ Leisure | Lifting | Motor Vehicle | Other & Missing | Total |
| **Home** | | | | | | |
| 4 and Under | 69.6% | 7.6% | 0.0% | 0.0% | 22.8% | 100.0% |
| 5-15 | 43.7% | 15.6% | 3.0% | 1.2% | 36.5% | 100.0% |
| 16-24 | 26.6% | 10.2% | 2.3% | 2.0% | 58.9% | 100.0% |
| 25-44 | 26.4% | 3.5% | 20.3% | 1.0% | 48.8% | 100.0% |
| 45-64 | 44.9% | 4.2% | 21.5% | 0.0% | 29.4% | 100.0% |
| 65 and Over | 71.2% | 0.0% | 1.2% | 0.0% | 27.6% | 100.0% |
| All Ages | 44.0% | 7.2% | 10.3% | 0.7% | 37.8% | 100.0% |
| **Work** | | | | | | |
| 4 and Under | 62.1% | 0.0% | 0.0% | 0.0% | 37.9% | 100.0% |
| 5-15 | 50.3% | 0.0% | 0.0% | 3.7% | 46.0% | 100.0% |
| 16-24 | 19.0% | 2.4% | 23.6% | 0.3% | 54.8% | 100.0% |
| 25-44 | 20.3% | 1.8% | 30.7% | 2.6% | 44.7% | 100.0% |
| 45-64 | 26.4% | 1.1% | 42.7% | 0.3% | 29.6% | 100.0% |
| 65 and Over | 23.2% | 0.0% | 0.0% | 13.1% | 63.7% | 100.0% |
| All Ages | 21.4% | 1.8% | 30.8% | 1.8% | 44.2% | 100.0% |
| **Sports or Recreation Area** | | | | | | |
| 4 and Under | 12.4% | 45.2% | 0.0% | 0.0% | 42.4% | 100.0% |
| 5-15 | 18.4% | 62.4% | 0.0% | 2.0% | 17.2% | 100.0% |
| 16-24 | 13.0% | 67.4% | 2.9% | 3.6% | 13.0% | 100.0% |
| 25-44 | 13.5% | 64.5% | 12.3% | 1.4% | 8.4% | 100.0% |
| 45-64 | 49.2% | 37.9% | 4.8% | 0.0% | 8.2% | 100.0% |
| 65 and Over | 61.2% | 36.0% | 0.0% | 0.0% | 2.8% | 100.0% |
| All Ages | 18.8% | 61.6% | 5.5% | 2.1% | 12.1% | 100.0% |
| **Street** | | | | | | |
| 4 and Under | 0.0% | 52.9% | 0.0% | 47.2% | 0.0% | 100.0% |
| 5-15 | 13.0% | 41.3% | 0.0% | 41.4% | 4.4% | 100.0% |
| 16-24 | 7.4% | 7.2% | 0.0% | 85.4% | 0.0% | 100.0% |
| 25-44 | 6.3% | 12.1% | 0.0% | 81.3% | 0.4% | 100.0% |
| 45-64 | 10.7% | 9.1% | 1.6% | 69.8% | 8.8% | 100.0% |
| 65 and Over | 27.5% | 2.5% | 0.0% | 70.0% | 0.0% | 100.0% |
| All Ages | 9.6% | 14.3% | 0.4% | 72.9% | 2.8% | 100.0% |
| **School** | | | | | | |
| 4 and Under | 0.0% | 0.0% | 0.0% | 0.0% | 100.0% | 100.0% |
| 5-15 | 29.3% | 45.1% | 3.8% | 0.0% | 21.8% | 100.0% |
| 16-24 | 5.1% | 85.0% | 3.5% | 0.0% | 6.4% | 100.0% |
| 25-44 | 43.9% | 56.1% | 0.0% | 0.0% | 0.0% | 100.0% |
| 45-64 | 76.6% | 5.7% | 0.0% | 0.0% | 17.7% | 100.0% |
| 65 and Over | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | 100.0% |
| All Ages | 22.3% | 57.8% | 3.5% | 0.0% | 16.5% | 100.0% |
| **Other & Missing** | | | | | | |
| 4 and Under | 55.1% | 25.9% | 0.0% | 1.9% | 17.1% | 100.0% |
| 5-15 | 26.5% | 36.0% | 1.1% | 2.2% | 34.3% | 100.0% |
| 16-24 | 20.1% | 44.0% | 2.3% | 5.4% | 28.3% | 100.0% |
| 25-44 | 28.2% | 31.2% | 13.0% | 1.8% | 25.8% | 100.0% |
| 45-64 | 32.8% | 33.0% | 2.7% | 4.9% | 26.6% | 100.0% |
| 65 and Over | 80.0% | 6.0% | 5.3% | 1.5% | 7.2% | 100.0% |
| All Ages | 32.0% | 33.4% | 4.9% | 3.0% | 26.7% | 100.0% |

# Table 10a. Cause of Injuries by Age and Sex Utah, 1996.

| Demographic Subgroup | CAUSE OF INJURY | | | | | |
|---|---|---|---|---|---|---|
| | Percentage of Persons in Each Subgroup Who Were Injured in the Past 12 Months, by Cause of Injury | | | | | |
| | Falls | Sports/ Leisure | Motor Vehicle | Lifting | Other | All Causes (Overall Injury Rate) |
| **UTAH** | 3.0% | 2.5% | 1.1% | 0.9% | 2.9% | 10.5% |
| **Males** | | | | | | |
| 4 and Under | 4.4% | 1.4% | 0.0% | 0.2% | 1.6% | 7.6% |
| 5-15 | 3.4% | 4.9% | 0.0% | 0.6% | 4.6% | 13.5% |
| 16-24 | 2.4% | 7.7% | 1.3% | 1.8% | 4.9% | 18.0% |
| 25-44 | 2.7% | 2.9% | 2.8% | 1.0% | 4.4% | 13.8% |
| 45-64 | 2.1% | 1.0% | 2.5% | 1.0% | 3.4% | 10.0% |
| 65 and Over | 3.1% | 0.8% | 0.1% | 0.3% | 1.7% | 6.0% |
| **Total Males** | 2.8% | 3.4% | 1.5% | 0.9% | 3.8% | 14.0% |
| **Females** | | | | | | |
| 4 and Under | 4.2% | 0.6% | 0.0% | 0.0% | 1.4% | 6.1% |
| 5-15 | 3.7% | 2.7% | 0.5% | 0.2% | 1.7% | 8.7% |
| 16-24 | 1.9% | 2.9% | 0.4% | 2.0% | 2.3% | 9.4% |
| 25-44 | 2.3% | 1.5% | 1.6% | 0.8% | 3.3% | 9.4% |
| 45-64 | 3.8% | 1.3% | 0.8% | 1.1% | 1.1% | 8.1% |
| 65 and Over | 6.7% | 0.1% | 0.1% | 0.6% | 1.4% | 8.9% |
| **Total Females** | 3.3% | 1.7% | 0.8% | 0.8% | 2.1% | 9.9% |

## Table 10b. Place of Injury by Age and Sex
## Utah, 1996.

| Demographic Subgroup | PLACE OF INJURY Percentage of Persons in Each Subgroup Who Were Injured in the Past 12 Months, by Place of Injury | | | | | | |
| --- | --- | --- | --- | --- | --- | --- | --- |
| | Home | Work | Sports/ Rec | Street | School | Other | All Places (overall injury rate) |
| **UTAH** | 3.2% | 1.8% | 1.7% | 1.0% | 0.6% | 2.2% | 10.5% |
| **Males** | | | | | | | |
| **4 and Under** | 4.2% | 0.0% | 0.0% | 0.3% | 0.1% | 2.9% | 7.6% |
| **5-15** | 4.7% | 0.1% | 2.2% | 0.8% | 2.7% | 3.0% | 13.5% |
| **16-24** | 1.5% | 4.4% | 5.7% | 1.7% | 1.8% | 2.9% | 18.0% |
| **25-44** | 3.0% | 5.2% | 2.6% | 1.0% | 0.1% | 2.0% | 13.8% |
| **45-64** | 2.8% | 3.4% | 0.4% | 1.1% | 0.0% | 2.2% | 10.0% |
| **65 and Over** | 3.6% | 0.4% | 0.7% | 0.2% | 0.0% | 1.1% | 6.0% |
| **Total Males** | 3.2% | 2.8% | 2.2% | 0.9% | 0.9% | 2.3% | 12.3% |
| **Females** | | | | | | | |
| **4 and Under** | 4.9% | 0.0% | 0.3% | 0.0% | 0.0% | 0.9% | 6.1% |
| **5-15** | 3.3% | 0.1% | 0.9% | 0.6% | 1.4% | 2.4% | 8.8% |
| **16-24** | 1.6% | 0.7% | 1.9% | 1.9% | 0.8% | 2.5% | 9.4% |
| **25-44** | 3.3% | 2.1% | 1.2% | 0.7% | 0.1% | 2.0% | 9.4% |
| **45-64** | 3.0% | 0.8% | 0.8% | 1.6% | 0.0% | 1.8% | 8.1% |
| **65 and Over** | 4.9% | 0.2% | 0.9% | 0.9% | 0.0% | 2.0% | 8.9% |
| **Total Females** | 3.2% | 0.9% | 1.1% | 1.0% | 0.4% | 2.0% | 8.6% |

## Table 11A-1.  Bear River Local Health District.
## Overall Injury Rates for Selected Demographic Subgroups.  Utah, 1996.

| Demographic Subgroup | Population Distribution | | Survey Estimates of Utahns Who We[...] in the Past 12 Months | |
| --- | --- | --- | --- | --- |
| | Percentage Distribution | Number of Persons | Percentage of Persons Persons in Each Subgroup | Number of P[...] Each Sub[...] |
| **BEAR RIVER** | **100.0%** | **122,319** | **11.4%** | |
| **Sex** | | | | |
| Males | 49.8% | 60,854 | 12.5% | |
| Females | 50.2% | 61,465 | 10.4% | |
| Total | 100.0% | 122,319 | 11.4% | |
| **Age** | | | | |
| 4 and Under | 8.8% | 10,759 | 8.8% | |
| 5-15 | 21.5% | 26,348 | 11.3% | |
| 16-24 | 17.5% | 21,359 | 12.5% | |
| 25-44 | 28.7% | 35,151 | 12.7% | |
| 45-64 | 14.6% | 17,844 | 10.6% | |
| 65 and Over | 8.9% | 10,858 | 10.5% | |
| Total | 100.0% | 122,319 | 11.4% | |
| **Education (Age≥18)** | | | | |
| Some HS | 5.5% | 4,394 | 13.8% | |
| HS Grad/ Some College | 63.9% | 51,172 | 11.1% | |
| TechVoc Degree | 4.5% | 3,601 | 6.7% | |
| 4-Yr College Degree | 26.1% | 20,856 | 14.5% | |
| Total | 100.0% | 80,024 | 12.0% | |
| **Employment (Age ≥ 18)** | | | | |
| Full Time | 48.8% | 39,064 | 12.6% | |
| Other | 51.2% | 40,968 | 11.1% | |
| Total | 100.0% | 80,032 | 12.0% | |
| **Annual Household Income** | | | | |
| Less than $15K | 6.6% | 8,110 | 14.2% | |
| $15K-$34.9K | 33.3% | 40,720 | 12.7% | |
| $35K-54.9K | 35.5% | 43,374 | 9.8% | |
| $55K or More | 24.6% | 30,115 | 11.4% | |
| Total | 100.0% | 122,319 | 11.4% | |

[1] Rounded to the nearest 100 persons.  Totals in this column may not sum due to missing values on the grouping variable.

# Table 11A-2. Bear River Local Health District
## Injuries by Cause and Place of Injury for Selected Demographic Subgroups.  Utal

| Demographic Subgroup | CAUSE OF INJURY Percentage of All Persons in Each Subgroup Who Were Injured by Cause of Injury | | | | | | PLACE OF INJURY Percentage of All Persons in Each S Who Were Injured by Place of I | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | Falls | Sports/ Leisure | Lifting | Motor Vehicle Related | Other | All Causes | Home | Work | Sports/ Rec | Street | School |
| **BEAR RIVER** | 3.5% | 2.5% | 1.1% | 1.1% | 3.2% | 11.4% | 3.7% | 2.3% | 1.8% | 1.1% | 0.7% |
| **Sex** | | | | | | | | | | | |
| Males | 3.4% | 3.1% | 1.5% | 0.7% | 3.8% | 12.5% | 3.8% | 3.6% | 1.7% | 0.7% | 0.6% |
| Females | 3.5% | 1.9% | 0.8% | 1.5% | 2.6% | 10.4% | 3.5% | 1.0% | 1.8% | 1.5% | 0.7% |
| Total | 3.5% | 2.5% | 1.1% | 1.1% | 3.2% | 11.4% | 3.7% | 2.3% | 1.8% | 1.1% | 0.7% |
| **Age** | | | | | | | | | | | |
| ≤ 15 | 5.1% | 2.0% | 0.0% | 0.4% | 3.1% | 10.5% | 5.6% | 0.0% | 1.2% | 0.6% | 1.4% |
| 16-34 | 2.4% | 4.1% | 1.3% | 2.1% | 3.2% | 13.1% | 2.5% | 3.2% | 2.9% | 1.6% | 0.8% |
| 35 + | 3.3% | 1.5% | 1.9% | 1.0% | 3.3% | 10.9% | 3.2% | 3.3% | 1.3% | 1.2% | 0.0% |
| Total | 3.5% | 2.5% | 1.1% | 1.1% | 3.2% | 11.4% | 3.7% | 2.3% | 1.8% | 1.1% | 0.7% |
| **Employment (Age ≥ 18)** | | | | | | | | | | | |
| Full Time | 2.9% | 2.5% | 2.0% | 1.2% | 4.0% | 12.6% | 2.6% | 5.0% | 2.3% | 0.9% | 0.0% |
| Other | 3.0% | 2.4% | 1.0% | 1.8% | 3.0% | 11.1% | 3.5% | 1.8% | 1.8% | 1.8% | 0.0% |
| Total | 2.9% | 2.5% | 1.7% | 1.5% | 3.3% | 12.0% | 3.0% | 3.5% | 2.1% | 1.4% | 0.0% |
| **Annual Household Income** | | | | | | | | | | | |
| Less than $35K | 4.3% | 2.7% | 0.9% | 1.5% | 3.5% | 12.9% | 3.9% | 2.1% | 2.0% | 1.5% | 1.3% |
| $35K or More | 2.8% | 2.4% | 1.3% | 0.8% | 3.2% | 10.4% | 3.7% | 2.2% | 1.8% | 0.6% | 0.4% |
| Total | 3.5% | 2.5% | 1.1% | 1.1% | 3.2% | 11.4% | 3.7% | 2.3% | 1.8% | 1.1% | 0.7% |

## Table 11B-1.  Central Utah Local Health District.
### Overall Injury Rates for Selected Demographic Subgroups.  Utah, 1996.

| Demographic Subgroup | Population Distribution | | Survey Estimates of Utahns Who We in the Past 12 Months | |
| --- | --- | --- | --- | --- |
| | Percentage Distribution | Number of Persons | Percentage of Persons Persons in Each Subgroup | Number of P Each Sub |
| **CENTRAL UTAH** | **100.0%** | **58,640** | **10.4%** | |
| **Sex** | | | | |
| Males | 49.2% | 28,870 | 13.0% | |
| Females | 50.8% | 29,770 | 7.8% | |
| Total | 100.0% | 58,640 | 10.4% | |
| **Age** | | | | |
| 4 and Under | 6.5% | 3,828 | 6.2% | |
| 5-15 | 21.9% | 12,826 | 13.7% | |
| 16-24 | 18.6% | 10,884 | 13.8% | |
| 25-44 | 23.3% | 13,672 | 9.8% | |
| 45-64 | 16.2% | 9,515 | 7.3% | |
| 65 and Over | 13.5% | 7,915 | 8.4% | |
| Total | 100.0% | 58,640 | 10.4% | |
| **Education (Age≥18)** | | | | |
| Some HS | 8.8% | 3,447 | 9.6% | |
| HS Grad/ Some College | 66.9% | 26,175 | 10.6% | |
| TechVoc Degree | 8.0% | 3,130 | too few cases | to |
| 4-Yr College Degree | 16.3% | 6,374 | 6.7% | |
| Total | 100.0% | 39,126 | 9.3% | |
| **Employment (Age ≥ 18)** | | | | |
| Full Time | 46.3% | 18,100 | 11.1% | |
| Other | 53.7% | 21,030 | 7.5% | |
| Total | 100.0% | 39,130 | 9.3% | |
| **Annual Household Income** | | | | |
| Less than $15K | 11.3% | 6,626 | 15.2% | |
| $15K-$34.9K | 37.2% | 21,838 | 11.7% | |
| $35K-54.9K | 33.3% | 19,527 | 9.5% | |
| $55K or More | 18.2% | 10,643 | 9.1% | |
| Total | 100.0% | 58,634 | 10.4% | |

[1] Rounded to the nearest 100 persons.  Totals in this column may not sum due to missing values on the grouping variable.

## Table 11B-2.  Central Utah Local Health District
## Injuries by Cause and Place of Injury for Selected Demographic Subgroups.  Utah

| Demographic Subgroup | CAUSE OF INJURY | | | | | | PLACE OF INJURY | | | | |
| | Percentage of All Persons in Each Subgroup Who Were Injured by Cause of Injury | | | | | | Percentage of All Persons in Each S Who Were Injured by Place of I | | | | |
| | Falls | Sports/ Leisure | Lifting | Motor Vehicle Related | Other | All Causes | Home | Work | Sports/ Rec | Street | School |
|---|---|---|---|---|---|---|---|---|---|---|---|
| **CENTRAL UTAH** | 3.6% | 1.5% | 0.8% | 0.9% | 3.5% | 10.4% | 3.2% | 2.2% | 1.4% | 0.6% | 0.8% |
| **Sex** | | | | | | | | | | | |
| Males | 3.5% | 2.2% | 1.0% | 1.4% | 5.0% | 13.0% | 3.2% | 3.2% | 2.3% | 0.5% | 0.8% |
| Females | 3.7% | 0.9% | 0.7% | 0.5% | 2.0% | 7.8% | 3.2% | 1.1% | 0.6% | 0.6% | 0.8% |
| Total | 3.6% | 1.5% | 0.8% | 0.9% | 3.5% | 10.4% | 3.2% | 2.2% | 1.4% | 0.6% | 0.8% |
| **Age** | | | | | | | | | | | |
| ≤ 15 | 4.0% | 3.1% | 0.0% | 1.1% | 3.7% | 11.8% | 4.4% | 0.2% | 2.3% | 0.4% | 1.6% |
| 16-34 | too few cases | | | | | 11.9% | too few cases | | | | |
| 35 + | 3.7% | 0.2% | 1.2% | 0.8% | 2.3% | 8.3% | 2.6% | 2.7% | 0.3% | 0.6% | 0.2% |
| Total | 3.6% | 1.5% | 0.8% | 0.9% | 3.5% | 10.4% | 3.2% | 2.2% | 1.4% | 0.6% | 0.8% |
| **Employment (Age ≥ 18)** | | | | | | | | | | | |
| Full Time | too few cases | | | | | 11.1% | too few cases | | | | |
| Other | too few cases | | | | | 7.5% | too few cases | | | | |
| Total | 3.3% | 0.7% | 1.1% | 0.7% | 3.4% | 9.3% | 2.6% | 3.0% | 0.7% | 0.6% | 0.4% |
| **Annual Household Income** | | | | | | | | | | | |
| Less than $35K | 4.2% | 1.3% | 1.1% | 1.6% | 4.3% | 12.5% | 3.7% | 2.9% | 1.4% | 1.0% | 0.4% |
| $35K or More | 3.5% | 2.1% | 0.6% | 0.4% | 2.8% | 9.4% | 3.0% | 1.7% | 1.6% | 0.2% | 1.3% |
| Total | 3.6% | 1.5% | 0.8% | 0.9% | 3.5% | 10.4% | 3.2% | 2.2% | 1.4% | 0.6% | 0.8% |

# Table 11C-1.  Davis Local Health District
## Overall Injury Rates for Selected Demographic Subgroups.  Utah, 1996.

| Demographic Subgroup | Population Distribution | | Survey Estimates of Utahns Who We in the Past 12 Months | |
|---|---|---|---|---|
| | Percentage Distribution | Number of Persons | Percentage of Persons Persons in Each Subgroup | Number of P Each Sub |
| **DAVIS** | **100.0%** | **219,915** | **11.0%** | |
| **Sex** | | | | |
| Males | 50.1% | 110,187 | 11.5% | |
| Females | 49.9% | 109,728 | 10.5% | |
| Total | 100.0% | 219,915 | 11.0% | |
| **Age** | | | | |
| 4 and Under | 7.3% | 16,089 | 8.2% | |
| 5-15 | 22.1% | 48,708 | 12.3% | |
| 16-24 | 16.6% | 36,422 | 15.7% | |
| 25-44 | 29.9% | 65,682 | 10.4% | |
| 45-64 | 16.7% | 36,763 | 11.5% | |
| 65 and Over | 7.4% | 16,251 | 6.9% | |
| Total | 100.0% | 219,915 | 11.0% | |
| **Education (Age≥18)** | | | | |
| Some HS | 3.6% | 5,209 | too few cases | to |
| HS Grad/ Some College | 61.6% | 89,439 | 11.3% | |
| TechVoc Degree | 7.4% | 10,665 | 8.7% | |
| 4-Yr College Degree | 27.4% | 39,786 | 9.7% | |
| Total | 100.0% | 145,099 | 11.1% | |
| **Employment (Age ≥ 18)** | | | | |
| Full Time | 57.9% | 84,012 | 11.2% | |
| Other | 42.1% | 61,087 | 10.3% | |
| Total | 100.0% | 145,099 | 11.1% | |
| **Annual Household Income** | | | | |
| Less than $15K | 4.1% | 8,797 | 21.0% | |
| $15K-$34.9K | 22.4% | 48,381 | 12.4% | |
| $35K-54.9K | 36.7% | 79,169 | 11.9% | |
| $55K or More | 36.7% | 79,169 | 10.3% | |
| Total | 100.0% | 215,517 | 11.0% | |

[1] Rounded to the nearest 100 persons.  Totals in this column may not sum due to missing values on the grouping variable.

# Table 11C-2.  Davis Local Health District
## Injuries by Cause and Place of Injury for Selected Demographic Subgroups.  Utah

| Demographic Subgroup | CAUSE OF INJURY Percentage of All Persons in Each Subgroup Who Were Injured by Cause of Injury | | | | | | PLACE OF INJURY Percentage of All Persons in Each S Who Were Injured by Place of I | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | Falls | Sports/ Leisure | Lifting | Motor Vehicle Related | Other | All Causes | Home | Work | Sports/ Rec | Street | School |
| **DAVIS** | 3.7% | 2.6% | 1.2% | 0.7% | 2.8% | 11.0% | 3.8% | 1.6% | 1.9% | 0.9% | 0.3% |
| **Sex** | | | | | | | | | | | |
| Males | 2.9% | 3.3% | 0.7% | 0.8% | 3.9% | 11.5% | 3.4% | 2.1% | 2.5% | 0.8% | 0.4% |
| Females | 4.5% | 1.9% | 1.8% | 0.5% | 1.8% | 10.5% | 4.3% | 1.0% | 1.3% | 1.0% | 0.3% |
| Total | 3.7% | 2.6% | 1.2% | 0.7% | 2.8% | 11.0% | 3.8% | 1.6% | 1.9% | 0.9% | 0.3% |
| **Age** | | | | | | | | | | | |
| ≤ 15 | 5.3% | 3.2% | 0.2% | 0.5% | 1.8% | 11.0% | 5.0% | 0.2% | 1.5% | 1.3% | 0.9% |
| 16-34 | 2.3% | 3.6% | 1.1% | 0.9% | 5.5% | 13.3% | 2.2% | 3.0% | 2.9% | 1.1% | 0.2% |
| 35 and Over | 3.8% | 1.5% | 2.2% | 0.6% | 1.7% | 9.8% | 4.5% | 1.7% | 1.5% | 0.5% | 0.0% |
| Total | 3.7% | 2.6% | 1.2% | 0.7% | 2.8% | 11.0% | 3.8% | 1.6% | 1.9% | 0.9% | 0.3% |
| **Employment (Age ≥ 18)** | | | | | | | | | | | |
| Full Time | 2.2% | 2.4% | 1.8% | 1.1% | 3.7% | 11.2% | 2.5% | 3.3% | 2.1% | 1.4% | 0.0% |
| Other | | too few cases | | | | 10.3% | | too few cases | | | |
| Total | 3.3% | 1.8% | 1.8% | 0.7% | 3.5% | 11.1% | 3.6% | 2.4% | 1.7% | 0.8% | 0.0% |
| **Annual Household Income** | | | | | | | | | | | |
| Less than $35K | 5.6% | 2.3% | 1.9% | 0.6% | 3.4% | 13.7% | 5.2% | 3.5% | 1.4% | 0.8% | 0.2% |
| $35K or More | 3.5% | 3.0% | 0.9% | 0.7% | 3.0% | 11.1% | 3.8% | 0.9% | 2.4% | 1.1% | 0.4% |
| Total | 3.7% | 2.6% | 1.2% | 0.7% | 2.8% | 11.0% | 3.8% | 1.6% | 1.9% | 0.9% | 0.3% |

# Table 11D-1.  Salt Lake Local Health District
## Overall Injury Rates for Selected Demographic Subgroups.  Utah, 1996.

| Demographic Subgroup | Population Distribution | | Survey Estimates of Utahns Who We in the Past 12 Months | |
|---|---|---|---|---|
| | Percentage Distribution | Number of Persons | Percentage of Persons Persons in Each Subgroup | Number of P Each Sub |
| **SALT LAKE** | **100.0%** | **823,411** | **10.1%** | |
| **Sex** | | | | |
| Males | 49.5% | 407,624 | 12.2% | |
| Females | 50.5% | 415,787 | 8.0% | |
| Total | 100.0% | 823,411 | 10.1% | |
| **Age** | | | | |
| 4 and Under | 7.4% | 61,127 | 6.8% | |
| 5-15 | 20.0% | 165,055 | 10.5% | |
| 16-24 | 14.6% | 120,610 | 12.9% | |
| 25-44 | 31.3% | 257,332 | 11.4% | |
| 45-64 | 17.6% | 144,728 | 9.2% | |
| 65 and Over | 9.1% | 74,559 | 8.0% | |
| Total | 100.0% | 823,411 | 10.1% | |
| **Education (Age≥18)** | | | | |
| Some HS | 6.5% | 36,580 | 10.3% | |
| HS Grad/ Some College | 57.9% | 327,180 | 10.7% | |
| TechVoc Degree | 4.8% | 26,968 | 8.2% | |
| 4-Yr College Degree | 30.9% | 174,643 | 9.4% | |
| Total | 100.0% | 565,371 | 10.3% | |
| **Employment (Age ≥ 18)** | | | | |
| Full Time | 59.0% | 333,512 | 11.5% | |
| Other | 41.0% | 231,859 | 8.1% | |
| Total | 100.0% | 565,371 | 10.3% | |
| **Annual Household Income** | | | | |
| Less than $15K | 5.6% | 46,111 | 9.6% | |
| $15K-$34.9K | 29.8% | 245,047 | 11.0% | |
| $35K-54.9K | 32.9% | 271,067 | 9.8% | |
| $55K or More | 31.7% | 261,186 | 10.5% | |
| Total | 100.0% | 823,411 | 10.1% | |

[1] Rounded to the nearest 100 persons.  Totals in this column may not sum due to missing values on the grouping variable.

## Table 11D-2.  Salt Lake Local Health District
## Injuries by Cause and Place of Injury for Selected Demographic Subgroups.  Utah

| | CAUSE OF INJURY | | | | | | PLACE OF INJURY | | | | |
| | Percentage of All Persons in Each Subgroup Who Were Injured by Cause of Injury | | | | | | Percentage of All Persons in Each S Who Were Injured by Place of I | | | | |
| Demographic Subgroup | Falls | Sports/ Leisure | Lifting | Motor Vehicle Related | Other | All Causes | Home | Work | Sports/ Rec | Street | School |
|---|---|---|---|---|---|---|---|---|---|---|---|
| **SALT LAKE** | **2.9%** | **2.5%** | **1.3%** | **0.6%** | **2.9%** | **10.1%** | **3.1%** | **1.6%** | **1.6%** | **0.8%** | **0.7%** |
| **Sex** | | | | | | | | | | | |
| Males | 2.7% | 3.4% | 1.9% | 0.8% | 3.5% | 12.2% | 3.1% | 2.4% | 2.1% | 0.9% | 0.9% |
| Females | 3.1% | 1.6% | 0.8% | 0.4% | 2.3% | 8.0% | 3.1% | 0.8% | 1.1% | 0.6% | 0.4% |
| Total | 2.9% | 2.5% | 1.3% | 0.6% | 2.9% | 10.1% | 3.1% | 1.6% | 1.6% | 0.8% | 0.7% |
| **Age** | | | | | | | | | | | |
| ≤ 15 | 3.5% | 3.2% | 0.3% | 0.1% | 2.3% | 9.4% | 3.4% | 0.0% | 0.9% | 0.2% | 1.8% |
| 16-34 | 2.6% | 3.9% | 2.0% | 1.1% | 3.3% | 12.9% | 2.4% | 3.4% | 3.2% | 1.2% | 0.6% |
| 35 and Over | 2.9% | 1.2% | 1.6% | 0.5% | 3.1% | 9.3% | 3.6% | 1.5% | 1.1% | 0.9% | 0.0% |
| Total | 2.9% | 2.5% | 1.3% | 0.6% | 2.9% | 10.1% | 3.1% | 1.6% | 1.6% | 0.8% | 0.7% |
| **Employment (Age ≥ 18)** | | | | | | | | | | | |
| Full Time | 2.7% | 2.1% | 2.5% | 0.7% | 3.6% | 11.5% | 2.9% | 3.4% | 1.9% | 0.9% | 0.0% |
| Other | 3.0% | 1.3% | 0.8% | 0.5% | 2.5% | 8.1% | 3.7% | 0.8% | 1.4% | 0.8% | 0.1% |
| Total | 2.9% | 1.8% | 1.8% | 0.7% | 3.2% | 10.3% | 3.2% | 2.3% | 1.8% | 1.0% | 0.0% |
| **Annual Household Income** | | | | | | | | | | | |
| Less than $35K | 3.6% | 1.9% | 1.1% | 0.4% | 3.8% | 10.8% | 4.4% | 1.9% | 1.2% | 0.7% | 0.6% |
| $35K or More | 2.4% | 3.0% | 1.7% | 0.7% | 2.4% | 10.2% | 2.4% | 1.4% | 1.7% | 0.8% | 0.8% |
| Total | 2.9% | 2.5% | 1.3% | 0.6% | 2.9% | 10.1% | 3.1% | 1.6% | 1.6% | 0.8% | 0.7% |

# Table 11E-1.  Southeast Local Health District
## Overall Injury Rates for Selected Demographic Subgroups.  Utah, 1996.

| Demographic Subgroup | Population Distribution | | Survey Estimates of Utahns Who We in the Past 12 Months | |
|---|---|---|---|---|
| | Percentage Distribution | Number of Persons | Percentage of Persons Persons in Each Subgroup | Number of P Each Sub |
| **SOUTHEAST** | **100.0%** | **53,533** | **10.9%** | |
| **Sex** | | | | |
| Males | 49.1% | 26,275 | 13.7% | |
| Females | 50.9% | 27,258 | 8.2% | |
| Total | 100.0% | 53,533 | 10.9% | |
| **Age** | | | | |
| 4 and Under | 6.8% | 3,657 | 7.1% | |
| 5-15 | 21.0% | 11,234 | 11.9% | |
| 16-24 | 17.1% | 9,155 | 14.1% | |
| 25-44 | 25.7% | 13,732 | 12.2% | |
| 45-64 | 17.9% | 9,593 | 10.3% | |
| 65 and Over | 11.5% | 6,162 | 5.6% | |
| Total | 100.0% | 53,533 | 10.9% | |
| **Education (Age≥18)** | | | | |
| Some HS | 10.9% | 3,957 | 7.8% | |
| HS Grad/ Some College | 63.7% | 23,035 | 10.4% | |
| TechVoc Degree | 6.7% | 2,434 | 8.7% | |
| 4-Yr College Degree | 18.6% | 6,742 | 15.6% | |
| Total | 100.0% | 36,167 | 10.9% | |
| **Employment (Age ≥ 18)** | | | | |
| Full Time | 47.9% | 17,331 | 12.7% | |
| Other | 52.1% | 18,836 | 9.1% | |
| Total | 100.0% | 36,167 | 10.9% | |
| **Annual Household Income** | | | | |
| Less than $15K | 14.2% | 7,586 | 15.6% | |
| $15K-$34.9K | 34.5% | 18,464 | 8.4% | |
| $35K-54.9K | 28.7% | 15,348 | 12.7% | |
| $55K or More | 22.7% | 12,136 | 10.9% | |
| Total | 100.0% | 53,533 | 10.9% | |

[1] Rounded to the nearest 100 persons.  Totals in this column may not sum due to missing values on the grouping variable.

# Table 11E-2.  Southeast Local Health District
## Injuries by Cause and Place of Injury for Selected Demographic Subgroups.  Utah

| Demographic Subgroup | CAUSE OF INJURY | | | | | | PLACE OF INJURY | | | | |
| | Percentage of All Persons in Each Subgroup Who Were Injured by Cause of Injury | | | | | | Percentage of All Persons in Each S Who Were Injured by Place of I | | | | |
| | Falls | Sports/ Leisure | Lifting | Motor Vehicle Related | Other | All Causes | Home | Work | Sports/ Rec | Street | School |
|---|---|---|---|---|---|---|---|---|---|---|---|
| **SOUTHEAST** | **3.2%** | **2.6%** | **1.3%** | **1.5%** | **2.3%** | **10.9%** | **3.7%** | **1.7%** | **1.5%** | **1.1%** | **1.0%** |
| **Sex** | | | | | | | | | | | |
| Males | 2.5% | 4.1% | 1.9% | 1.9% | 3.3% | 13.7% | 4.2% | 2.9% | 2.0% | 1.3% | 1.8% |
| Females | 3.9% | 1.2% | 0.6% | 1.2% | 1.4% | 8.2% | 3.2% | 0.6% | 0.9% | 0.9% | 0.3% |
| Total | 3.2% | 2.6% | 1.3% | 1.5% | 2.3% | 10.9% | 3.7% | 1.7% | 1.5% | 1.1% | 1.0% |
| **Age** | | | | | | | | | | | |
| ≤ 15 | 3.3% | 3.7% | 0.0% | 1.2% | 2.4% | 10.6% | 3.3% | 0.1% | 2.2% | 0.6% | 2.2% |
| 16-34 | 3.1% | 5.2% | 1.9% | 2.0% | 2.2% | 14.5% | 4.1% | 2.2% | 2.6% | 1.7% | 1.5% |
| 35 and Over | 3.2% | 0.3% | 1.6% | 1.5% | 2.4% | 9.0% | 3.8% | 2.5% | 0.3% | 1.1% | 0.0% |
| Total | 3.2% | 2.6% | 1.3% | 1.5% | 2.3% | 10.9% | 3.7% | 1.7% | 1.5% | 1.1% | 1.0% |
| **Employment (Age ≥ 18)** | | | | | | | | | | | |
| Full Time | 2.7% | 2.7% | 2.2% | 1.8% | 3.2% | 12.7% | 3.8% | 4.0% | 1.3% | 1.4% | 0.5% |
| Other | | too few cases | | | | 9.1% | | too few cases | | | |
| Total | 3.2% | 2.1% | 1.9% | 1.4% | 2.4% | 10.9% | 4.0% | 2.5% | 1.2% | 1.0% | 0.4% |
| **Annual Household Income** | | | | | | | | | | | |
| Less than $35K | 3.1% | 1.7% | 1.6% | 1.2% | 2.9% | 10.5% | 4.5% | 1.7% | 0.8% | 1.4% | 0.3% |
| $35K or More | 3.5% | 3.6% | 1.0% | 2.0% | 1.9% | 11.9% | 2.9% | 2.0% | 2.3% | 1.0% | 1.7% |
| Total | 3.2% | 2.6% | 1.3% | 1.5% | 2.3% | 10.9% | 3.7% | 1.7% | 1.5% | 1.1% | 1.0% |

# Table 11F-1.  Southwest Local Health District
## Overall Injury Rates for Selected Demographic Subgroups.  Utah, 1996.

| Demographic Subgroup | Population Distribution | | Survey Estimates of Utahns Who We in the Past 12 Months | |
| --- | --- | --- | --- | --- |
| | Percentage Distribution | Number of Persons | Percentage of Persons Persons in Each Subgroup | Number of P Each Sub |
| | | | | |
| **SOUTHWEST** | **100.0%** | **111,139** | **9.1%** | |
| **Sex** | | | | |
| Males | 49.1% | 54,567 | 10.8% | |
| Females | 50.9% | 56,572 | 7.5% | |
| Total | 100.0% | 111,139 | 9.1% | |
| **Age** | | | | |
| 4 and Under | 7.4% | 8,182 | 5.6% | |
| 5-15 | 19.9% | 22,138 | 8.3% | |
| 16-24 | 16.0% | 17,731 | 14.8% | |
| 25-44 | 26.0% | 28,941 | 10.2% | |
| 45-64 | 15.4% | 17,097 | 7.5% | |
| 65 and Over | 15.3% | 17,050 | 8.0% | |
| Total | 100.0% | 111,139 | 9.1% | |
| **Education (Age≥18)** | | | | |
| Some HS | 5.5% | 4,153 | 10.2% | |
| HS Grad/ Some College | 62.1% | 47,296 | 10.1% | |
| TechVoc Degree | 5.5% | 4,168 | 10.0% | |
| 4-Yr College Degree | 27.0% | 20,581 | 8.0% | |
| Total | 100.0% | 76,198 | 9.7% | |
| **Employment (Age ≥ 18)** | | | | |
| Full Time | 48.5% | 36,926 | 11.8% | |
| Other | 51.5% | 39,280 | 7.9% | |
| Total | 100.0% | 76,206 | 9.7% | |
| **Annual Household Income** | | | | |
| Less than $15K | 9.1% | 10,125 | 10.8% | |
| $15K-$34.9K | 36.2% | 40,188 | 10.2% | |
| $35K-54.9K | 35.0% | 38,865 | 9.6% | |
| $55K or More | 19.8% | 21,950 | 6.7% | |
| Total | 100.0% | 111,128 | 9.1% | |

[1] Rounded to the nearest 100 persons.  Totals in this column may not sum due to missing values on the grouping variable.

# Table 11F-2.  Southwest Local Health District
## Injuries by Cause and Place of Injury for Selected Demographic Subgroups.  Utal

| Demographic Subgroup | CAUSE OF INJURY Percentage of All Persons in Each Subgroup Who Were Injured by Cause of Injury | | | | | | PLACE OF INJURY Percentage of All Persons in Each S Who Were Injured by Place of I | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | Falls | Sports/ Leisure | Lifting | Motor Vehicle Related | Other | All Causes | Home | Work | Sports/ Rec | Street | School |
| **SOUTHWEST** | 3.3% | 1.9% | 0.9% | 0.8% | 2.2% | 9.1% | 1.6% | 2.4% | 1.1% | 0.9% | 0.7% |
| **Sex** | | | | | | | | | | | |
| Males | 3.2% | 2.2% | 1.6% | 0.5% | 3.3% | 10.8% | 1.5% | 4.1% | 1.8% | 0.9% | 0.5% |
| Females | 3.5% | 1.6% | 0.2% | 1.1% | 1.2% | 7.5% | 1.6% | 0.8% | 0.4% | 1.0% | 0.8% |
| Total | 3.3% | 1.9% | 0.9% | 0.8% | 2.2% | 9.1% | 1.6% | 2.4% | 1.1% | 0.9% | 0.7% |
| **Age** | | | | | | | | | | | |
| ≤ 15 | too few cases | | | | | 7.3% | too few cases | | | | |
| 16-34 | 3.4% | 2.6% | 1.2% | 1.8% | 3.4% | 12.4% | 0.9% | 4.3% | 2.1% | 1.5% | 0.8% |
| 35 and Over | 3.7% | 1.2% | 1.2% | 0.7% | 1.7% | 8.5% | 2.1% | 2.7% | 0.3% | 1.0% | 0.2% |
| Total | 3.3% | 1.9% | 0.9% | 0.8% | 2.2% | 9.1% | 1.6% | 2.4% | 1.1% | 0.9% | 0.7% |
| **Employment (Age ≥ 18)** | | | | | | | | | | | |
| Full Time | 3.7% | 1.4% | 2.0% | 1.2% | 3.6% | 11.8% | 1.0% | 6.3% | 1.2% | 1.0% | 0.2% |
| Other | too few cases | | | | | 7.9% | too few cases | | | | |
| Total | 3.5% | 1.6% | 1.3% | 1.0% | 2.4% | 9.7% | 1.6% | 3.4% | 0.9% | 0.9% | 0.4% |
| **Annual Household Income** | | | | | | | | | | | |
| Less than $35K | 3.9% | 1.2% | 1.3% | 1.1% | 2.8% | 10.3% | 1.8% | 3.0% | 0.5% | 0.9% | 0.5% |
| $35K or More | 2.3% | 2.9% | 0.7% | 0.7% | 2.0% | 8.5% | 1.4% | 1.9% | 1.7% | 1.1% | 1.0% |
| Total | 3.3% | 1.9% | 0.9% | 0.8% | 2.2% | 9.1% | 1.6% | 2.4% | 1.1% | 0.9% | 0.7% |

# Table 11G-1.  Summit Local Health District
## Overall Injury Rates for Selected Demographic Subgroups.  Utah, 1996.

| Demographic Subgroup | Population Distribution | | Survey Estimates of Utahns Who We in the Past 12 Months | |
|---|---|---|---|---|
| | Percentage Distribution | Number of Persons | Percentage of Persons Persons in Each Subgroup | Number of P Each Sub |
| **SUMMIT** | **100.0%** | **22,414** | **12.4%** | |
| **Sex** | | | | |
| Males | 50.7% | 11,356 | 16.6% | |
| Females | 49.3% | 11,058 | 8.1% | |
| Total | 100.0% | 22,414 | 12.4% | |
| **Age** | | | | |
| 4 and Under | 7.1% | 1,583 | 10.6% | |
| 5-15 | 19.2% | 4,312 | 12.4% | |
| 16-24 | 13.9% | 3,114 | 14.7% | |
| 25-44 | 34.5% | 7,743 | 13.8% | |
| 45-64 | 19.0% | 4,249 | 11.5% | |
| 65 and Over | 6.3% | 1,413 | 7.7% | |
| Total | 100.0% | 22,414 | 12.4% | |
| **Education (Age≥18)** | | | | |
| Some HS | 3.4% | 528 | too few cases | tc |
| HS Grad/ Some College | 50.2% | 7,848 | 9.9% | |
| TechVoc Degree | 4.4% | 683 | too few cases | tc |
| 4-Yr College Degree | 42.0% | 6,571 | 15.2% | |
| Total | 100.0% | 15,630 | 12.8% | |
| **Employment (Age ≥ 18)** | | | | |
| Full Time | 54.8% | 9,422 | 14.4% | |
| Other | 45.2% | 7,771 | 10.1% | |
| Total | 100.0% | 17,193 | 12.8% | |
| **Annual Household Income** | | | | |
| Less than $15K | 4.4% | 991 | 23.2% | |
| $15K-$34.9K | 17.3% | 3,871 | 11.4% | |
| $35K-$54.9K | 28.0% | 6,274 | 10.7% | |
| $55K or More | 50.3% | 11,281 | 13.3% | |
| Total | 100.0% | 22,416 | 12.4% | |

[1] Rounded to the nearest 100 persons.  Totals in this column may not sum due to missing values on the grouping variable.

# Table 11G-2.  Summit Local Health District
## Injuries by Cause and Place of Injury for Selected Demographic Subgroups.  Utah

| Demographic Subgroup | CAUSE OF INJURY | | | | | | PLACE OF INJURY | | | | |
| | Percentage of All Persons in Each Subgroup Who Were Injured by Cause of Injury | | | | | | Percentage of All Persons in Each S Who Were Injured by Place of I | | | | |
| | Falls | Sports/ Leisure | Lifting | Motor Vehicle Related | Other | All Causes | Home | Work | Sports/ Rec | Street | School |
|---|---|---|---|---|---|---|---|---|---|---|---|
| **SUMMIT** | **3.7%** | **4.3%** | **1.2%** | **1.1%** | **2.2%** | **12.4%** | **3.1%** | **1.8%** | **3.2%** | **0.7%** | **0.9%** |
| **Sex** | | | | | | | | | | | |
| Males | 4.1% | 6.3% | 2.0% | 0.7% | 3.6% | 16.6% | 4.3% | 2.9% | 4.1% | 0.6% | 1.4% |
| Females | 3.3% | 2.2% | 0.4% | 1.5% | 0.8% | 8.1% | 1.8% | 0.6% | 2.3% | 0.8% | 0.4% |
| Total | 3.7% | 4.3% | 1.2% | 1.1% | 2.2% | 12.4% | 3.1% | 1.8% | 3.2% | 0.7% | 0.9% |
| **Age** | | | | | | | | | | | |
| ≤ 15 | 5.3% | 3.8% | 0.0% | 0.3% | 2.4% | 11.8% | 3.9% | 0.0% | 1.3% | 0.8% | 2.7% |
| 16-34 | 3.5% | 7.7% | 1.5% | 1.7% | 1.8% | 16.2% | 2.2% | 3.4% | 6.1% | 0.7% | 0.9% |
| 35 and Over | 3.0% | 2.4% | 1.7% | 1.1% | 2.4% | 10.5% | 3.3% | 1.8% | 2.6% | 0.8% | 0.0% |
| Total | 3.7% | 4.3% | 1.2% | 1.1% | 2.2% | 12.4% | 3.1% | 1.8% | 3.2% | 0.7% | 0.9% |
| **Employment (Age ≥ 18)** | | | | | | | | | | | |
| Full Time | 3.2% | 4.3% | 2.3% | 1.5% | 3.1% | 14.4% | 2.6% | 3.6% | 4.8% | 0.6% | 0.0% |
| Other | too few cases | | | | | 10.1% | too few cases | | | | |
| Total | 3.3% | 4.4% | 1.7% | 1.3% | 2.2% | 12.8% | 2.9% | 2.5% | 4.0% | 0.8% | 0.2% |
| **Annual Household Income** | | | | | | | | | | | |
| Less than $35K | too few cases | | | | | 13.8% | too few cases | | | | |
| $35K or More | 3.5% | 4.3% | 1.3% | 1.0% | 2.2% | 12.4% | 2.9% | 1.6% | 3.5% | 0.5% | 1.0% |
| Total | 3.7% | 4.3% | 1.2% | 1.1% | 2.2% | 12.4% | 3.1% | 1.8% | 3.2% | 0.7% | 0.9% |

# Table 11H-1.  Tooele Local Health District
## Overall Injury Rates for Selected Demographic Subgroups.  Utah, 1996.

| Demographic Subgroup | Population Distribution | | Survey Estimates of Utahns Who We in the Past 12 Months | |
| | Percentage Distribution | Number of Persons | Percentage of Persons Persons in Each Subgroup | Number of P Each Sub |
| --- | --- | --- | --- | --- |
| **TOOELE** | **100.0%** | **26,934** | **11.4%** | |
| **Sex** | | | | |
| Males | 50.1% | 13,497 | 14.2% | |
| Females | 49.9% | 13,437 | 8.7% | |
| Total | 100.0% | 26,934 | 11.4% | |
| **Age** | | | | |
| 4 and Under | 6.6% | 1,781 | 3.2% | |
| 5-15 | 20.0% | 5,395 | 11.0% | |
| 16-24 | 16.4% | 4,417 | 19.2% | |
| 25-44 | 26.2% | 7,066 | 12.3% | |
| 45-64 | 19.9% | 5,348 | 12.9% | |
| 65 and Over | 10.9% | 2,927 | 3.0% | |
| Total | 100.0% | 26,934 | 11.4% | |
| **Education (Age$\geq$18)** | | | | |
| Some HS | 9.8% | 1,810 | 11.1% | |
| HS Grad/ Some College | 68.3% | 12,630 | 13.4% | |
| TechVoc Degree | 5.5% | 1,011 | 13.5% | |
| 4-Yr College Degree | 16.4% | 3,038 | 7.7% | |
| Total | 100.0% | 18,489 | 12.3% | |
| **Employment (Age $\geq$ 18)** | | | | |
| Full Time | 57.7% | 10,672 | 15.5% | |
| Other | 42.3% | 7,817 | 7.9% | |
| Total | 100.0% | 18,489 | 12.3% | |
| **Annual Household Income** | | | | |
| Less than $15K | 5.9% | 1,581 | 15.1% | |
| $15K-$34.9K | 29.0% | 7,808 | 11.5% | |
| $35K-54.9K | 36.8% | 9,901 | 12.7% | |
| $55K or More | 28.4% | 7,647 | 10.8% | |
| Total | 100.0% | 26,937 | 11.4% | |

[1] Rounded to the nearest 100 persons.  Totals in this column may not sum due to missing values on the grouping variable.

## Table 11H-2.  Tooele Local Health District
## Injuries by Cause and Place of Injury for Selected Demographic Subgroups.  Utah

| Demographic Subgroup | CAUSE OF INJURY Percentage of All Persons in Each Subgroup Who Were Injured by Cause of Injury | | | | | | PLACE OF INJURY Percentage of All Persons in Each S Who Were Injured by Place of I | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | Falls | Sports/ Leisure | Lifting | Motor Vehicle Related | Other | All Causes | Home | Work | Sports/ Rec | Street | School |
| **TOOELE** | **3.2%** | **2.2%** | **1.3%** | **1.3%** | **3.5%** | **11.4%** | **3.2%** | **3.2%** | **1.3%** | **1.3%** | **1.0%** |
| **Sex** | | | | | | | | | | | |
| Males | 3.6% | 3.1% | 2.0% | 1.2% | 4.4% | 14.2% | 3.3% | 5.2% | 1.4% | 1.1% | 1.4% |
| Females | 2.9% | 1.2% | 0.6% | 1.4% | 2.6% | 8.7% | 3.1% | 1.2% | 1.3% | 1.5% | 0.5% |
| Total | 3.2% | 2.2% | 1.3% | 1.3% | 3.5% | 11.4% | 3.2% | 3.2% | 1.3% | 1.3% | 1.0% |
| **Age** | | | | | | | | | | | |
| ≤ 15 | | too few cases | | | | 7.9% | | too few cases | | | |
| 16-34 | 2.8% | 3.9% | 2.7% | 1.8% | 5.4% | 16.5% | 2.4% | 6.9% | 2.0% | 1.6% | 1.0% |
| 35 and Over | 3.1% | 0.3% | 1.3% | 1.5% | 3.9% | 10.0% | 4.0% | 3.0% | 0.6% | 1.5% | 0.2% |
| Total | 3.2% | 2.2% | 1.3% | 1.3% | 3.5% | 11.4% | 3.2% | 3.2% | 1.3% | 1.3% | 1.0% |
| **Employment (Age ≥ 18)** | | | | | | | | | | | |
| Full Time | 2.9% | 1.9% | 2.4% | 2.2% | 6.1% | 15.5% | 3.8% | 7.0% | 1.5% | 1.7% | 0.4% |
| Other | | too few cases | | | | 7.9% | | too few cases | | | |
| Total | 3.0% | 1.2% | 1.9% | 1.7% | 4.5% | 12.3% | 3.4% | 4.7% | 1.2% | 1.6% | 0.3% |
| **Annual Household Income** | | | | | | | | | | | |
| Less than $35K | 3.4% | 0.9% | 2.6% | 1.2% | 4.0% | 12.1% | 2.5% | 5.5% | 1.1% | 0.9% | 0.5% |
| $35K or More | 3.3% | 3.0% | 0.7% | 1.4% | 3.4% | 11.9% | 3.8% | 2.4% | 1.5% | 1.5% | 1.3% |
| Total | 3.2% | 2.2% | 1.3% | 1.3% | 3.5% | 11.4% | 3.2% | 3.2% | 1.3% | 1.3% | 1.0% |

# Table 11I-1.  Tri County Local Health District
## Overall Injury Rates for Selected Demographic Subgroups.  Utah, 1996.

| Demographic Subgroup | Population Distribution | | Survey Estimates of Utahns Who We in the Past 12 Months | |
|---|---|---|---|---|
| | Percentage Distribution | Number of Persons | Percentage of Persons Persons in Each Subgroup | Number of P Each Sub |
| **TRI COUNTY** | **100.0%** | **38,523** | **10.1%** | |
| **Sex** | | | | |
| Males | 49.6% | 19,091 | 12.3% | |
| Females | 50.4% | 19,432 | 8.0% | |
| Total | 100.0% | 38,523 | 10.1% | |
| **Age** | | | | |
| 4 and Under | 7.1% | 2,748 | 7.6% | |
| 5-15 | 23.7% | 9,144 | 10.2% | |
| 16-24 | 16.9% | 6,510 | 15.7% | |
| 25-44 | 25.6% | 9,860 | 11.3% | |
| 45-64 | 17.2% | 6,623 | 6.9% | |
| 65 and Over | 9.4% | 3,638 | 7.5% | |
| Total | 100.0% | 38,523 | 10.1% | |
| **Education (Age≥18)** | | | | |
| Some HS | 13.0% | 3,216 | 8.1% | |
| HS Grad/ Some College | 67.6% | 16,663 | 10.0% | |
| TechVoc Degree | 4.7% | 1,149 | too few cases | to |
| 4-Yr College Degree | 14.7% | 3,632 | 11.3% | |
| Total | 100.0% | 24,660 | 9.8% | |
| **Employment (Age ≥ 18)** | | | | |
| Full Time | 52.4% | 12,914 | 11.4% | |
| Other | 47.6% | 11,746 | 8.4% | |
| Total | 100.0% | 24,660 | 9.8% | |
| **Annual Household Income** | | | | |
| Less than $15K | 14.7% | 5,655 | 11.7% | |
| $15K-$34.9K | 38.3% | 14,754 | 11.4% | |
| $35K-54.9K | 31.1% | 11,977 | 8.7% | |
| $55K or More | 15.9% | 6,141 | 10.6% | |
| Total | 100.0% | 38,527 | 10.1% | |

[1] Rounded to the nearest 100 persons.  Totals in this column may not sum due to missing values on the grouping variable.

# Table 11I-2.  Tri County Local Health District
## Injuries by Cause and Place of Injury for Selected Demographic Subgroups.  Utal

| Demographic Subgroup | CAUSE OF INJURY Percentage of All Persons in Each Subgroup Who Were Injured by Cause of Injury | | | | | | PLACE OF INJURY Percentage of All Persons in Each S Who Were Injured by Place of I | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | Falls | Sports/ Leisure | Lifting | Motor Vehicle Related | Other | All Causes | Home | Work | Sports/ Rec | Street | School |
| **TRI COUNTY** | **2.7%** | **2.0%** | **0.9%** | **0.8%** | **3.7%** | **10.1%** | **2.6%** | **2.7%** | **0.9%** | **0.9%** | **0.9%** |
| **Sex** | | | | | | | | | | | |
| Males | 2.4% | 2.4% | 0.9% | 1.0% | 5.6% | 12.3% | 2.6% | 3.8% | 1.3% | 0.6% | 1.3% |
| Females | 3.1% | 1.6% | 0.9% | 0.5% | 1.8% | 8.0% | 2.6% | 1.7% | 0.4% | 1.2% | 0.6% |
| Total | 2.7% | 2.0% | 0.9% | 0.8% | 3.7% | 10.1% | 2.6% | 2.7% | 0.9% | 0.9% | 0.9% |
| **Age** | | | | | | | | | | | |
| ≤ 15 | | | too few cases | | | 9.4% | | | too few cases | | |
| 16-34 | 2.9% | 4.3% | 1.7% | 1.3% | 4.5% | 14.6% | 2.2% | 5.0% | 2.4% | 1.2% | 1.1% |
| 35 and Over | | | too few cases | | | 7.7% | | | too few cases | | |
| Total | 2.7% | 2.0% | 0.9% | 0.8% | 3.7% | 10.1% | 2.6% | 2.7% | 0.9% | 0.9% | 0.9% |
| **Employment (Age ≥ 18)** | | | | | | | | | | | |
| Full Time | 3.1% | 1.6% | 2.0% | 1.0% | 3.7% | 11.4% | 1.9% | 5.5% | 1.1% | 0.8% | 0.0% |
| Other | | | too few cases | | | 8.4% | | | too few cases | | |
| Total | 2.9% | 1.4% | 1.3% | 0.7% | 3.5% | 9.8% | 2.4% | 3.8% | 0.7% | 0.9% | 0.3% |
| **Annual Household Income** | | | | | | | | | | | |
| Less than $35K | 3.5% | 2.3% | 1.0% | 0.9% | 3.8% | 11.5% | 3.4% | 2.9% | 0.8% | 0.9% | 0.9% |
| $35K or More | 1.8% | 2.0% | 0.8% | 0.6% | 4.1% | 9.3% | 2.1% | 2.3% | 1.2% | 0.9% | 1.1% |
| Total | 2.7% | 2.0% | 0.9% | 0.8% | 3.7% | 10.1% | 2.6% | 2.7% | 0.9% | 0.9% | 0.9% |

## Table 11J-1.  Utah Local Health District
## Overall Injury Rates for Selected Demographic Subgroups.  Utah, 1996.

| Demographic Subgroup | Population Distribution | | Survey Estimates of Utahns Who We in the Past 12 Months | |
| --- | --- | --- | --- | --- |
| | Percentage Distribution | Number of Persons | Percentage of Persons Persons in Each Subgroup | Number of P Each Sub |
| **UTAH COUNTY** | **100.0%** | **316,160** | **10.4%** | |
| **Sex** | | | | |
| Males | 49.3% | 155,853 | 12.7% | |
| Females | 50.7% | 160,307 | 8.1% | |
| Total | 100.0% | 316,160 | 10.4% | |
| **Age** | | | | |
| 4 and Under | 10.0% | 31,708 | 6.8% | |
| 5-15 | 21.2% | 67,174 | 11.5% | |
| 16-24 | 20.5% | 64,863 | 12.0% | |
| 25-44 | 27.9% | 88,299 | 12.5% | |
| 45-64 | 13.0% | 41,004 | 7.1% | |
| 65 and Over | 7.3% | 23,112 | 4.4% | |
| Total | 100.0% | 316,160 | 10.4% | |
| **Education (Age≥18)** | | | | |
| Some HS | 5.1% | 10,437 | 14.1% | |
| HS Grad/ Some College | 56.5% | 116,125 | 11.0% | |
| TechVoc Degree | 5.1% | 10,519 | 10.2% | |
| 4-Yr College Degree | 33.3% | 68,376 | 9.6% | |
| Total | 100.0% | 205,458 | 10.7% | |
| **Employment (Age ≥ 18)** | | | | |
| Full Time | 54.1% | 111,214 | 13.2% | |
| Other | 45.9% | 94,244 | 7.9% | |
| Total | 100.0% | 205,458 | 10.7% | |
| **Annual Household Income** | | | | |
| Less than $15K | 6.2% | 19,570 | 11.4% | |
| $15K-$34.9K | 27.6% | 87,197 | 11.4% | |
| $35K-54.9K | 35.3% | 111,446 | 11.0% | |
| $55K or More | 31.0% | 97,946 | 8.3% | |
| Total | 100.0% | 316,160 | 10.4% | |

[1] Rounded to the nearest 100 persons.  Totals in this column may not sum due to missing values on the grouping variable.

# Table 11J-2.  Utah Local Health District
## Injuries by Cause and Place of Injury for Selected Demographic Subgroups.  Utal

| Demographic Subgroup | CAUSE OF INJURY | | | | | | PLACE OF INJURY | | | | |
| | Percentage of All Persons in Each Subgroup Who Were Injured by Cause of Injury | | | | | | Percentage of All Persons in Each S Who Were Injured by Place of I | | | | |
| | Falls | Sports/ Leisure | Lifting | Motor Vehicle Related | Other | All Causes | Home | Work | Sports/ Rec | Street | School |
|---|---|---|---|---|---|---|---|---|---|---|---|
| **UTAH COUNTY** | 2.7% | 2.8% | 0.8% | 1.2% | 2.9% | 10.4% | 3.0% | 2.0% | 2.0% | 1.2% | 0.6% |
| **Sex** | | | | | | | | | | | |
| Males | 2.9% | 3.5% | 1.3% | 0.9% | 4.1% | 12.7% | 3.1% | 3.6% | 2.7% | 0.9% | 0.8% |
| Females | 2.5% | 2.1% | 0.4% | 1.5% | 1.7% | 8.1% | 2.9% | 0.5% | 1.3% | 1.6% | 0.3% |
| Total | 2.7% | 2.8% | 0.8% | 1.2% | 2.9% | 10.4% | 3.0% | 2.0% | 2.0% | 1.2% | 0.6% |
| **Age** | | | | | | | | | | | |
| ≤ 15 | 3.8% | 2.3% | 0.2% | 0.3% | 3.3% | 9.8% | 5.5% | 0.0% | 1.0% | 0.6% | 0.8% |
| 16-34 | 2.1% | 4.6% | 1.0% | 1.7% | 4.0% | 13.4% | 1.5% | 3.8% | 4.0% | 1.2% | 0.7% |
| 35 and Over | too few cases | | | | | 7.3% | too few cases | | | | |
| Total | 2.7% | 2.8% | 0.8% | 1.2% | 2.9% | 10.4% | 3.0% | 2.0% | 2.0% | 1.2% | 0.6% |
| **Employment (Age ≥ 18)** | | | | | | | | | | | |
| Full Time | 2.4% | 4.0% | 1.7% | 1.7% | 3.4% | 13.2% | 2.1% | 4.5% | 3.5% | 1.6% | 0.2% |
| Other | too few cases | | | | | 7.9% | too few cases | | | | |
| Total | 2.3% | 2.9% | 1.2% | 1.6% | 2.6% | 10.7% | 1.9% | 3.1% | 2.4% | 1.6% | 0.3% |
| **Annual Household Income** | | | | | | | | | | | |
| Less than $35K | 3.9% | 2.3% | 1.0% | 0.8% | 3.4% | 11.4% | 2.5% | 3.7% | 1.4% | 1.0% | 0.6% |
| $35K or More | 2.2% | 3.1% | 0.9% | 1.2% | 2.4% | 9.7% | 3.3% | 1.1% | 2.5% | 1.2% | 0.6% |
| Total | 2.7% | 2.8% | 0.8% | 1.2% | 2.9% | 10.4% | 3.0% | 2.0% | 2.0% | 1.2% | 0.6% |

## Table 11K-1. Wasatch Local Health District
## Overall Injury Rates for Selected Demographic Subgroups. Utah, 1996.

| Demographic Subgroup | Population Distribution | | Survey Estimates of Utahns Who We in the Past 12 Months | |
|---|---|---|---|---|
| | Percentage Distribution | Number of Persons | Percentage of Persons Persons in Each Subgroup | Number of P Each Sub |
| **WASATCH** | **100.0%** | **12,214** | **10.4%** | |
| **Sex** | | | | |
| Males | 50.1% | 6,116 | 12.9% | |
| Females | 49.9% | 6,098 | 7.9% | |
| Total | 100.0% | 12,214 | 10.4% | |
| **Age** | | | | |
| 4 and Under | 8.4% | 1,032 | 6.8% | |
| 5-15 | 20.9% | 2,551 | 11.7% | |
| 16-24 | 16.4% | 1,997 | 12.1% | |
| 25-44 | 27.6% | 3,376 | 13.3% | |
| 45-64 | 17.1% | 2,085 | 7.8% | |
| 65 and Over | 9.6% | 1,173 | 4.5% | |
| Total | 100.0% | 12,214 | 10.4% | |
| **Education (Age≥18)** | | | | |
| Some HS | 7.1% | 576 | 12.0% | |
| HS Grad/ Some College | 65.1% | 5,272 | 9.9% | |
| TechVoc Degree | 4.4% | 356 | too few cases | to |
| 4-Yr College Degree | 23.4% | 1,900 | 11.5% | |
| Total | 100.0% | 8,104 | 10.2% | |
| **Employment (Age ≥ 18)** | | | | |
| Full Time | 52.7% | 4,267 | 14.0% | |
| Other | 47.4% | 3,837 | 6.1% | |
| Total | 100.0% | 8,104 | 10.2% | |
| **Annual Household Income** | | | | |
| Less than $15K | 4.7% | 570 | 10.2% | |
| $15K-$34.9K | 33.4% | 4,082 | 11.3% | |
| $35K-54.9K | 34.7% | 4,232 | 8.8% | |
| $55K or More | 27.3% | 3,328 | 11.2% | |
| Total | 100.0% | 12,213 | 10.4% | |

[1] Rounded to the nearest 100 persons. Totals in this column may not sum due to missing values on the grouping variable.

## Table 11K-2.  Wasatch Local Health District
## Injuries by Cause and Place of Injury for Selected Demographic Subgroups.  Utah

| Demographic Subgroup | CAUSE OF INJURY Percentage of All Persons in Each Subgroup Who Were Injured by Cause of Injury | | | | | | PLACE OF INJURY Percentage of All Persons in Each S Who Were Injured by Place of I | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | Falls | Sports/ Leisure | Lifting | Motor Vehicle Related | Other | All Causes | Home | Work | Sports/ Rec | Street | School |
| **WASATCH** | 3.8% | 2.3% | 1.1% | 0.5% | 2.7% | 10.4% | 3.3% | 2.3% | 1.8% | 0.4% | 0.8% |
| **Sex** | | | | | | | | | | | |
| Males | 4.0% | 3.0% | 1.7% | 0.5% | 3.7% | 12.9% | 3.4% | 3.7% | 2.6% | 0.6% | 0.5% |
| Females | 3.5% | 1.6% | 0.5% | 0.5% | 1.7% | 7.9% | 3.2% | 1.0% | 0.9% | 0.2% | 1.1% |
| Total | 3.8% | 2.3% | 1.1% | 0.5% | 2.7% | 10.4% | 3.3% | 2.3% | 1.8% | 0.4% | 0.8% |
| **Age** | | | | | | | | | | | |
| ≤ 15 | 5.3% | 2.7% | 0.0% | 0.3% | 2.1% | 10.3% | 4.4% | 0.6% | 0.9% | 0.3% | 1.3% |
| 16-34 | 2.9% | 3.3% | 2.4% | 1.5% | 3.2% | 13.2% | 3.5% | 3.5% | 3.2% | 1.2% | 0.7% |
| 35 and Over | 3.5% | 1.3% | 1.1% | 0.0% | 2.6% | 8.5% | 2.3% | 2.9% | 1.2% | 0.0% | 0.4% |
| Total | 3.8% | 2.3% | 1.1% | 0.5% | 2.7% | 10.4% | 3.3% | 2.3% | 1.8% | 0.4% | 0.8% |
| **Employment (Age ≥ 18)** | | | | | | | | | | | |
| Full Time | 3.4% | 2.5% | 3.1% | 0.5% | 4.6% | 14.0% | 3.4% | 5.8% | 2.6% | 0.2% | 0.1% |
| Other | too few cases | | | | | 6.1% | too few cases | | | | |
| Total | 3.2% | 1.8% | 1.7% | 0.6% | 3.0% | 10.2% | 2.9% | 3.3% | 1.8% | 0.4% | 0.4% |
| **Annual Household Income** | | | | | | | | | | | |
| Less than $35K | 4.5% | 1.5% | 1.6% | 0.6% | 3.0% | 11.2% | 4.3% | 3.4% | 1.4% | 0.4% | 0.4% |
| $35K or More | 3.6% | 2.8% | 0.9% | 0.4% | 2.3% | 9.9% | 2.9% | 1.8% | 1.9% | 0.3% | 1.0% |
| Total | 3.8% | 2.3% | 1.1% | 0.5% | 2.7% | 10.4% | 3.3% | 2.3% | 1.8% | 0.4% | 0.8% |

# Table 11L-1.  Weber/Morgan Local Health District
## Overall Injury Rates for Selected Demographic Subgroups.  Utah, 1996.

| Demographic Subgroup | Population Distribution | | Survey Estimates of Utahns Who We in the Past 12 Months | |
|---|---|---|---|---|
| | Percentage Distribution | Number of Persons | Percentage of Persons Persons in Each Subgroup | Number of P Each Sub |
| **WEBER/MORGAN** | **100.0%** | **186,609** | **11.2%** | |
| **Sex** | | | | |
| Males | 49.4% | 92,137 | 12.9% | |
| Females | 50.6% | 94,472 | 9.6% | |
| Total | 100.0% | 186,609 | 11.2% | |
| **Age** | | | | |
| 4 and Under | 7.2% | 13,437 | 5.1% | |
| 5-15 | 19.8% | 36,904 | 12.4% | |
| 16-24 | 15.0% | 27,994 | 16.8% | |
| 25-44 | 29.1% | 54,319 | 12.6% | |
| 45-64 | 17.4% | 32,546 | 7.5% | |
| 65 and Over | 11.5% | 21,409 | 9.0% | |
| Total | 100.0% | 186,609 | 11.2% | |
| **Education (Age≥18)** | | | | |
| Some HS | 7.3% | 9,368 | 17.4% | |
| HS Grad/ Some College | 65.5% | 84,417 | 11.9% | |
| TechVoc Degree | 4.1% | 5,232 | too few cases | tc |
| 4-Yr College Degree | 23.2% | 29,831 | 8.6% | |
| Total | 100.0% | 128,848 | 11.7% | |
| **Employment (Age ≥ 18)** | | | | |
| Full Time | 57.5% | 74,044 | 12.9% | |
| Other | 42.5% | 54,830 | 10.1% | |
| Total | 100.0% | 128,874 | 11.7% | |
| **Annual Household Income** | | | | |
| Less than $15K | 9.6% | 17,840 | 21.0% | |
| $15K-$34.9K | 32.6% | 60,797 | 12.9% | |
| $35K-54.9K | 28.2% | 52,549 | 11.3% | |
| $55K or More | 29.7% | 55,423 | 7.3% | |
| Total | 100.0% | 186,609 | 11.2% | |

[1] Rounded to the nearest 100 persons.  Totals in this column may not sum due to missing values on the grouping variable.

# Table 11L-2.  Weber/Morgan Local Health District
## Injuries by Cause and Place of Injury for Selected Demographic Subgroups.  Utah

| Demographic Subgroup | CAUSE OF INJURY | | | | | | PLACE OF INJURY | | | | |
| | Percentage of All Persons in Each Subgroup Who Were Injured by Cause of Injury | | | | | | Percentage of All Persons in Each S Who Were Injured by Place of I | | | | |
| | Falls | Sports/ Leisure | Lifting | Motor Vehicle Related | Other | All Causes | Home | Work | Sports/ Rec | Street | School |
|---|---|---|---|---|---|---|---|---|---|---|---|
| **WEBER/MORGAN** | **2.7%** | **2.7%** | **0.9%** | **1.3%** | **3.6%** | **11.2%** | **3.9%** | **2.0%** | **1.3%** | **1.3%** | **0.7%** |
| **Sex** | | | | | | | | | | | |
| Males | 2.1% | 4.2% | 0.7% | 1.4% | 4.5% | 12.9% | 3.6% | 2.4% | 2.5% | 1.5% | 1.2% |
| Females | 3.3% | 1.2% | 1.1% | 1.2% | 2.7% | 9.6% | 4.3% | 1.6% | 0.1% | 1.2% | 0.3% |
| Total | 2.7% | 2.7% | 0.9% | 1.3% | 3.6% | 11.2% | 3.9% | 2.0% | 1.3% | 1.3% | 0.7% |
| **Age** | | | | | | | | | | | |
| ≤ 15 | | | too few cases | | | 10.3% | | | too few cases | | |
| 16-34 | 3.0% | 4.0% | 1.8% | 2.4% | 5.1% | 16.4% | 4.1% | 4.9% | 2.2% | 2.2% | 1.1% |
| 35 and Over | 2.8% | 0.9% | 0.9% | 1.2% | 2.5% | 8.4% | 3.2% | 1.4% | 0.6% | 1.1% | 0.0% |
| Total | 2.7% | 2.7% | 0.9% | 1.3% | 3.6% | 11.2% | 3.9% | 2.0% | 1.3% | 1.3% | 0.7% |
| **Employment (Age ≥ 18)** | | | | | | | | | | | |
| Full Time | 1.8% | 3.0% | 1.6% | 2.1% | 4.4% | 12.9% | 3.3% | 3.6% | 2.2% | 1.8% | 0.0% |
| Other | | | too few cases | | | 10.1% | | | too few cases | | |
| Total | 3.1% | 2.1% | 1.4% | 1.6% | 3.6% | 11.7% | 3.7% | 2.8% | 1.3% | 1.5% | 0.2% |
| **Annual Household Income** | | | | | | | | | | | |
| Less than $35K | 3.6% | 3.0% | 1.2% | 1.6% | 5.3% | 14.7% | 4.9% | 3.1% | 1.2% | 2.1% | 1.2% |
| $35K or More | 2.0% | 2.6% | 0.9% | 1.1% | 2.8% | 9.3% | 3.6% | 1.2% | 1.4% | 0.9% | 0.6% |
| Total | 2.7% | 2.7% | 0.9% | 1.3% | 3.6% | 11.2% | 3.9% | 2.0% | 1.3% | 1.3% | 0.7% |

## Table 12. Bicycle Riding and Helmet Use for Selected Demographic Subgroups. Utah: 1991, 1996.

| Demographic Subgroup | 1996 | | |
| --- | --- | --- | --- |
| | Total Number of Persons in Each Subgroup | Number of Bicycle-Riders in Each Subgroup[1] | Percentage of Bicycle-Riders in Each Subgroup |
| **UTAH** | 1,991,811 | 888,500 | 44.6% |
| **Sex** | | | |
| Males | 986,427 | 485,700 | 49.2% |
| Females | 1,005,384 | 407,100 | 40.5% |
| **Age** | | | |
| 4 and Under | 155,931 | 58,200 | 37.3% |
| 5-15 | 411,789 | 351,900 | 85.5% |
| 16-24 | 325,056 | 147,700 | 45.4% |
| 25-44 | 585,173 | 254,700 | 43.5% |
| 45-64 | 327,395 | 76,100 | 23.2% |
| 65 and Over | 186,467 | 17,300 | 9.3% |
| **Marital Status (Age 18 and Over)** | | | |
| Married | 921,432 | 304,600 | 33.1% |
| Div/Widow/Sep | 179,988 | 40,700 | 22.6% |
| Never Married | 241,775 | 106,100 | 43.9% |
| **Ethnicity** | | | |
| Hispanic | 115,525 | 51,700 | 44.7% |
| Not Hispanic | 1,876,286 | 840,800 | 44.8% |
| **Education (Age 18 and Over)** | | | |
| Some HS | 83,652 | 13,700 | 16.4% |
| HS Grad/ Some College | 807,319 | 262,200 | 32.5% |
| TechVoc Degree | 69,936 | 23,800 | 34.1% |
| 4-Yr College Degree | 382,288 | 153,100 | 40.1% |
| **Annual Household Income** | | | |
| Less than $15K | 133,925 | 45,600 | 34.1% |
| $15K-$34.9K | 595,410 | 231,300 | 38.9% |
| $35K-54.9K | 663,900 | 323,900 | 48.8% |
| $55K or More | 598,576 | 312,000 | 52.1% |
| **Wasatch/Non-Wasatch Front Residence** | | | |
| Wasatch Front | 1,539,644 | 688,500 | 44.7% |
| Non-Wasatch Front | 452,167 | 204,200 | 45.2% |
| **Local Health District** | | | |
| Bear River | 122,319 | 56,900 | 46.5% |
| Central | 58,640 | 26,500 | 45.1% |
| Davis | 219,915 | 99,800 | 45.4% |
| Salt Lake | 823,411 | 360,100 | 43.7% |
| Southeast | 53,533 | 22,200 | 41.6% |
| Southwest | 111,139 | 46,800 | 42.1% |
| Summit | 22,414 | 13,100 | 58.5% |
| Tooele | 16,934 | 7,000 | 41.1% |
| Tri-County | 38,523 | 18,100 | 47.0% |
| Utah | 316,160 | 154,500 | 48.9% |
| Wasatch | 12,214 | 5,600 | 46.2% |
| Weber/Morgan | 186,609 | 78,000 | 41.8% |

[1] Rounded to the nearest 100 persons. Totals in this column may not sum due to missing values on the grouping variable.

# Table 12. (continued)

| Percentage of Bicycle-Riders by How Often They Wear a Helmet | | | | | | | | | | | |
| 1991 | | | | | | 1996 | | | | | |
| Always | Nearly Always | Some-times | Seldom | Never Wears A Helmet | Total | Always | Nearly Always | Some-times | Seldom | Never Wears A Helmet | Total |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 7.2% | 2.5% | 4.4% | 1.8% | 84.1% ± 2.0% | 100.0% | 24.0% | 11.1% | 13.3% | 8.6% | 43.1% ± 2.2% | 100.0% |
| 8.4% | 3.0% | 5.5% | 2.2% | 80.9% ± 2.5% | 100.0% | 23.7% | 12.1% | 14.0% | 8.5% | 41.9% ± 2.4% | 100.0% |
| 5.7% | 2.0% | 3.2% | 1.4% | 87.7% ± 2.0% | 100.0% | 24.4% | 10.0% | 12.4% | 8.6% | 44.6% ± 2.7% | 100.0% |
| 10.0% | 3.8% | 4.2% | 1.1% | 80.9% ± 6.3% | 100.0% | 35.6% | 13.8% | 11.4% | 5.7% | 34.4% ± 5.4% | 101.0% |
| 3.9% | 2.2% | 5.5% | 1.7% | 86.7% ± 2.4% | 100.0% | 23.5% | 14.1% | 19.0% | 10.3% | 33.2% ± 3.0% | 100.0% |
| 10.9% | 3.2% | 3.6% | 3.4% | 78.9% ± 4.7% | 100.0% | 17.1% | 9.9% | 11.5% | 8.7% | 52.9% ± 4.4% | 100.0% |
| 10.0% | 2.6% | 4.1% | 1.6% | 81.7% ± 3.3% | 100.0% | 25.7% | 8.7% | 9.0% | 7.3% | 49.3% ± 3.5% | 100.0% |
| 6.6% | 1.9% | 1.8% | 0.9% | 88.8% ± 3.6% | 100.0% | 24.7% | 7.6% | 7.0% | 7.9% | 52.8% ± 6.1% | 100.0% |
| 7.0% | 1.4% | 1.4% | 0.5% | 89.8% ± 7.8% | 100.0% | 19.4% | 1.7% | 15.1% | 6.5% | 57.4% ± 12.7% | 100.0% |
| 9.8% | 2.8% | 3.8% | 1.2% | 82.4% ± 2.9% | 100.0% | 24.6% | 7.3% | 8.4% | 7.2% | 52.5% ± 3.3% | 100.0% |
| 8.9% | 1.3% | 0.7% | 0.6% | 88.5% ± 7.5% | 100.0% | 21.4% | 10.0% | 6.7% | 10.4% | 51.5% ± 7.9% | 100.0% |
| 13.0% | 2.3% | 2.2% | 4.9% | 77.7% ± 6.5% | 100.0% | 21.2% | 11.4% | 12.4% | 8.9% | 46.2% ± 4.9% | 100.0% |
| 6.6% | 4.1% | 8.5% | 0.8% | 80.1% ± 12.2% | 100.0% | 20.3% | 11.5% | 16.2% | 7.3% | 44.6% ± 9.6% | 100.0% |
| 7.2% | 2.4% | 4.2% | 1.9% | 84.3% ± 2.0% | 100.0% | 24.2% | 11.1% | 13.1% | 8.7% | 43.0% ± 2.2% | 100.0% |
| 4.5% | 0.2% | 3.6% | 0.2% | 91.5% ± 6.9% | 100.0% | 12.7% | 9.0% | 8.2% | 4.0% | 66.2% ± 14.0% | 100.0% |
| 9.1% | 2.4% | 2.5% | 2.0% | 84.1% ± 2.9% | 100.0% | 18.3% | 7.7% | 9.2% | 8.7% | 56.1% ± 3.3% | 100.0% |
| 8.0% | 2.4% | 0.6% | 0.3% | 88.8% ± 8.9% | 100.0% | 22.0% | 3.3% | 9.2% | 6.4% | 59.1% ± 10.2% | 100.0% |
| 14.8% | 3.7% | 5.7% | 1.8% | 74.0% ± 5.5% | 100.0% | 33.5% | 10.6% | 9.1% | 7.0% | 39.9% ± 4.1% | 100.0% |
| 8.9% | 2.5% | 3.1% | 3.1% | 82.4% ± 8.2% | 100.0% | 10.6% | 9.4% | 14.1% | 11.7% | 54.2% ± 9.8% | 100.0% |
| 5.5% | 1.8% | 3.2% | 1.4% | 88.1% ± 2.8% | 100.0% | 20.8% | 11.0% | 11.4% | 9.2% | 47.6% ± 4.6% | 100.0% |
| 6.3% | 2.3% | 4.0% | 1.6% | 85.9% ± 3.6% | 100.0% | 22.8% | 11.5% | 14.9% | 8.4% | 42.5% ± 3.7% | 100.0% |
| 10.5% | 4.0% | 7.7% | 2.4% | 75.5% ± 5.2% | 100.0% | 29.3% | 11.4% | 13.0% | 9.0% | 37.2% ± 3.9% | 100.0% |
| 8.0% | 2.5% | 5.1% | 1.7% | 82.7% ± 2.6% | 100.0% | 25.9% | 12.0% | 13.5% | 8.6% | 40.0% ± 2.7% | 100.0% |
| 4.5% | 2.6% | 2.1% | 2.2% | 88.7% ± 1.6% | 100.0% | 17.4% | 8.3% | 12.6% | 8.3% | 53.5% ± 2.4% | 100.0% |
| 7.1% | 4.4% | 1.5% | 2.5% | 84.5% ± 4.0% | 100.0% | 16.8% | 10.7% | 14.6% | 9.3% | 48.5% ± 5.2% | 100.0% |
| 1.1% | 1.3% | 2.8% | 1.0% | 93.8% ± 2.7% | 100.0% | 8.3% | 3.3% | 10.7% | 7.8% | 70.0% ± 4.8% | 100.0% |
| 6.3% | 1.2% | 7.4% | 1.0% | 84.2% ± 4.4% | 100.0% | 23.1% | 13.1% | 12.6% | 10.4% | 40.8% ± 5.1% | 100.0% |
| 10.2% | 2.6% | 6.1% | 2.0% | 79.2% ± 4.2% | 100.0% | 29.6% | 13.2% | 13.5% | 8.7% | 34.9% ± 4.2% | 100.0% |
| 5.0% | 1.1% | 1.1% | 2.2% | 90.6% ± 3.0% | 100.0% | 17.2% | 7.4% | 15.2% | 10.3% | 49.9% ± 5.8% | 100.0% |
| 3.0% | 2.6% | 2.4% | 1.6% | 90.4% ± 3.3% | 100.0% | 14.9% | 7.9% | 12.7% | 8.2% | 56.3% ± 6.3% | 100.0% |
| 9.4% | 2.9% | 3.9% | 1.4% | 82.3% ± 3.9% | 100.0% | 51.9% | 9.7% | 9.2% | 7.1% | 22.1% ± 4.5% | 100.0% |
| 5.7% | 3.5% | 2.8% | 2.6% | 85.5% ± 4.3% | 100.0% | 21.3% | 10.8% | 12.6% | 6.8% | 48.5% ± 5.6% | 100.0% |
| 2.6% | 1.1% | 2.7% | 1.6% | 92.0% ± 2.6% | 100.0% | 10.6% | 8.3% | 10.9% | 7.7% | 62.5% ± 5.6% | 100.0% |
| 4.0% | 1.7% | 1.4% | 1.8% | 91.1% ± 3.2% | 100.0% | 18.1% | 8.6% | 14.4% | 7.7% | 51.2% ± 5.3% | 100.0% |
| 5.5% | 3.9% | 3.0% | 1.7% | 86.0% ± 3.4% | 100.0% | 21.7% | 11.0% | 14.0% | 9.1% | 44.2% ± 5.0% | 100.0% |
| 4.7% | 4.4% | 2.9% | 1.8% | 86.2% ± 4.6% | 100.0% | 27.5% | 10.6% | 11.6% | 7.2% | 43.1% ± 6.0% | 100.0% |

# Table 13. Helmet Use Among Rollerbladers/Skateboarders By Selected Demographic Subgroups. Utah, 1996.

| Demographic Subgroup | Total Number of Persons in Each Subgroup | Number of Rollerbladers/ Skateboarders in Each Subgroup[1] | Percentage of Rollerbladers/ Skateboarders in Each Subgroup | Percentage of Rollerbladers/Skateboarders by How Often They Wear a Helmet | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| | | | | Always | Nearly Always | Some-times | Seldom | Never | Total |
| **UTAH** | 1,991,811 | 319,900 | 16.1% | 20.2% | 8.2% | 12.8% | 8.2% | 50.5% | 100.0% |
| **Sex** | | | | | | | | | |
| Males | 986,427 | 175,800 | 17.8% | 19.8% | 8.8% | 13.3% | 9.0% | 49.2% | 100.0% |
| Females | 1,005,384 | 146,100 | 14.5% | 20.8% | 7.6% | 12.2% | 7.4% | 52.0% | 100.0% |
| **Age** | | | | | | | | | |
| 4 and Under | 155,931 | 8,300 | 5.3% | 40.0% | 11.3% | 8.6% | 3.3% | 36.7% | 100.0% |
| 5-15 | 411,789 | 228,900 | 55.6% | 21.8% | 9.8% | 15.0% | 8.7% | 44.7% | 100.0% |
| 16-24 | 325,056 | 55,200 | 17.0% | 6.5% | 4.5% | 7.9% | 9.0% | 72.2% | 100.0% |
| 25-44 | 585,173 | 36,500 | 6.2% | 25.2% | 3.9% | 9.1% | 5.6% | 56.2% | 100.0% |
| 45-64 | 327,395 | 4,300 | 1.3% | 22.7% | 0.6% | 2.1% | 11.1% | 63.6% | 100.0% |
| 65 and Over | 186,467 | 0 | 0.0% | n/a | n/a | n/a | n/a | n/a | 100.0% |
| **Marital Status (Age 18 and Over)** | | | | | | | | | |
| Married | 921,432 | 32,200 | 3.5% | 24.5% | 1.9% | 7.5% | 3.3% | 62.7% | 100.0% |
| Div/Widow/Sep | 179,988 | 6,900 | 3.8% | 10.9% | 4.4% | 8.6% | 19.1% | 57.1% | 100.0% |
| Never Married | 241,775 | 35,300 | 14.6% | 11.1% | 4.7% | 8.8% | 9.3% | 66.2% | 100.0% |
| **Ethnicity** | | | | | | | | | |
| Hispanic | 115,525 | 21,200 | 18.4% | 40.2% | 6.8% | 8.4% | 11.0% | 33.7% | 100.0% |
| Not Hispanic | 1,876,286 | 301,000 | 16.0% | 18.8% | 8.4% | 13.1% | 8.1% | 51.6% | 100.0% |
| **Education (Age 18 and Over)** | | | | | | | | | |
| Some HS | 83,652 | 3,000 | 3.6% | 5.8% | 0.0% | 2.5% | 9.9% | 81.8% | 100.0% |
| HS Grad/ Some College | 807,319 | 45,900 | 5.7% | 11.0% | 3.2% | 9.1% | 6.9% | 69.9% | 100.0% |
| TechVoc Degree | 69,936 | 2,000 | 2.9% | 20.7% | 0.0% | 8.2% | 8.5% | 62.6% | 100.0% |
| 4-Yr College Degree | 382,288 | 23,700 | 6.2% | 29.7% | 4.7% | 7.5% | 7.4% | 50.7% | 100.0% |
| **Annual Household Income** | | | | | | | | | |
| Less than $15K | 133,925 | 18,700 | 14.0% | 14.0% | 3.1% | 16.1% | 10.7% | 56.1% | 100.0% |
| $15K-$34.9K | 595,410 | 75,200 | 12.6% | 21.9% | 6.8% | 14.7% | 7.1% | 49.6% | 100.0% |
| $35K-54.9K | 663,900 | 116,600 | 17.6% | 20.2% | 10.7% | 11.2% | 8.3% | 49.5% | 100.0% |
| $55K or More | 598,576 | 124,300 | 20.8% | 20.1% | 8.0% | 13.6% | 9.6% | 48.8% | 100.0% |
| **Wasatch/Non-Wasatch Front Residence** | | | | | | | | | |
| Wasatch Front | 1,539,644 | 257,400 | 16.7% | 21.0% | 8.3% | 13.3% | 8.3% | 49.1% | 100.0% |
| Non-Wasatch Front | 452,167 | 64,400 | 14.3% | 17.4% | 8.1% | 10.7% | 7.9% | 56.0% | 100.0% |
| **Local Health District** | | | | | | | | | |
| Bear River | 122,319 | 17,200 | 14.1% | 13.7% | 7.4% | 9.9% | 5.1% | 63.9% | 100.0% |
| Central | 58,640 | 7,400 | 12.7% | 7.7% | 3.9% | 12.8% | 6.4% | 69.3% | 100.0% |
| Davis | 219,915 | 38,700 | 17.6% | 18.6% | 10.8% | 12.8% | 10.6% | 47.3% | 100.0% |
| Salt Lake | 823,411 | 132,000 | 16.0% | 24.9% | 8.8% | 15.7% | 6.5% | 44.2% | 100.0% |
| Southeast | 53,533 | 7,500 | 14.0% | 18.1% | 8.4% | 14.1% | 7.8% | 51.6% | 100.0% |
| Southwest | 111,139 | 15,400 | 13.8% | 17.4% | 8.1% | 10.9% | 10.9% | 52.7% | 100.0% |
| Summit | 22,414 | 4,500 | 19.9% | 43.9% | 9.7% | 9.1% | 5.3% | 32.2% | 100.0% |
| Tooele | 16,934 | 2,200 | 13.3% | 26.6% | 7.7% | 6.4% | 9.4% | 50.0% | 100.0% |
| Tri-County | 38,523 | 5,200 | 13.5% | 14.7% | 11.2% | 12.4% | 5.4% | 56.3% | 100.0% |
| Utah | 316,160 | 55,300 | 17.5% | 14.1% | 6.5% | 8.7% | 8.8% | 61.9% | 100.0% |
| Wasatch | 12,214 | 1,800 | 15.1% | 19.9% | 8.0% | 14.3% | 8.7% | 49.1% | 100.0% |
| Weber/Morgan | 186,609 | 33,300 | 17.8% | 18.7% | 6.8% | 11.3% | 13.4% | 49.7% | 100.0% |

[1] Rounded to the nearest 100 persons. Totals in this column may not sum due to missing values on the grouping variable.

## Table 14a.  Possession of Guns in Utah Households By Selected Demographic Subgroups.  Utah, 1996.

| Demographic Subgroup | Total Number of Households in Each Subgroup | Total Number of Households in Each Subgroup With at Least One Gun on the Premises[1] | Percentage of Households in Each Subgroup With at Least One Gun on Premises | |
|---|---|---|---|---|
| **UTAH** | 643,832 | 282,600 | 43.9% | ± 1.8% |
| | | | | |
| **Annual Household Income** | | | | |
| Less than $15K | 65,671 | 12,400 | 19.0% | ± 3.8% |
| $15K-$34.9K | 217,615 | 85,200 | 39.1% | ± 3.2% |
| $35K-54.9K | 197,656 | 101,300 | 51.2% | ± 3.5% |
| $55K or More | 162,889 | 91,500 | 56.2% | ± 3.9% |
| | | | | |
| **Type of Residence** | | | | |
| House | 484,162 | 243,800 | 50.4% | ± 2.1% |
| Apartment | 86,273 | 17,800 | 20.6% | ± 4.3% |
| Condominium | 28,972 | 7,100 | 24.6% | ± 7.6% |
| Mobile Home | 29,616 | 12,400 | 41.7% | ± 7.1% |
| Other | 14,808 | 3,400 | 23.0% | ± 9.1% |
| | | | | |
| **Wasatch/Non-Wasatch Front Residence** | | | | |
| Wasatch Front | 501,068 | 198,400 | 39.6% | ± 2.2% |
| Non-Wasatch Front | 142,764 | 83,800 | 58.7% | ± 1.9% |
| | | | | |
| **Children in Household** | | | | |
| Children | 311,615 | 150,000 | 48.1% | ± 2.5% |
| No Children | 332,217 | 132,500 | 39.9% | ± 2.5% |
| | | | | |
| **Local Health District** | | | | |
| Salt Lake | 275,325 | 100,700 | 36.6% | ± 3.4% |
| Utah | 93,451 | 39,500 | 42.3% | ± 4.5% |
| Davis | 69,109 | 30,800 | 44.6% | ± 4.6% |
| Weber/Morgan | 63,183 | 28,700 | 45.4% | ± 4.5% |
| Summit | 7,752 | 3,800 | 48.6% | ± 4.5% |
| Bear River | 37,676 | 19,500 | 51.7% | ± 4.5% |
| Southwest | 36,481 | 20,300 | 55.7% | ± 4.5% |
| Tooele | 9,109 | 5,300 | 57.6% | ± 4.3% |
| Wasatch | 4,082 | 2,500 | 62.0% | ± 4.2% |
| Southeast | 17,432 | 11,000 | 63.0% | ± 4.3% |
| Tri-County | 11,921 | 8,100 | 68.1% | ± 4.2% |
| Central | 18,311 | 12,700 | 69.3% | ± 4.1% |

[1] Rounded to the nearest 100 persons.  Totals in this column may not sum due to missing values on the grouping variable.

# Table 14b.  Storage of Guns in Utah Households
# By Selected Demographic Subgroups.  Utah, 1996.

| Demographic Subgroup | No Guns | Locked Guns | Unlocked With No Ammo in Home | Unlocked With Ammo in Home | Unlocked & Loaded Guns in Home | Total |
|---|---|---|---|---|---|---|
| **UTAH** | 56.1% | 29.4% | 3.5% | 8.1% | 2.9% | 100.0% |
| **Annual Household Income** | | | | | | |
| **Less than $15K** | 81.1% | 12.5% | 1.4% | 4.3% | 0.8% | 100.0% |
| **$15K-$34.9K** | 60.9% | 27.8% | 2.3% | 5.8% | 3.3% | 100.0% |
| **$35K-54.9K** | 48.8% | 33.5% | 5.2% | 9.3% | 3.2% | 100.0% |
| **$55K or More** | 43.8% | 36.0% | 4.2% | 12.6% | 3.4% | 100.0% |
| **Type of Residence** | | | | | | |
| **House** | 49.7% | 33.7% | 4.3% | 9.5% | 2.9% | 100.0% |
| **Apartment** | 79.4% | 13.6% | 0.5% | 3.8% | 2.6% | 100.0% |
| **Condominium** | 75.4% | 13.2% | 2.0% | 6.2% | 3.1% | 100.0% |
| **Mobile Home** | 58.3% | 30.4% | 2.1% | 3.6% | 5.7% | 100.0% |
| **Other** | 77.0% | 16.7% | 3.2% | 2.1% | 1.0% | 100.0% |
| **Wasatch/Non-Wasatch Front Residence** | | | | | | |
| **Wasatch Front** | 60.4% | 26.3% | 3.3% | 7.2% | 2.8% | 100.0% |
| **Non-Wasatch Front** | 41.3% | 40.0% | 4.2% | 11.3% | 3.3% | 100.0% |
| **Children in Household** | | | | | | |
| **Children** | 51.9% | 33.5% | 4.1% | 9.2% | 1.4% | 100.0% |
| **No Children** | 60.1% | 25.5% | 3.0% | 7.1% | 4.3% | 100.0% |
| **Local Health District** | | | | | | |
| **Salt Lake** | 63.4% | 23.8% | 2.9% | 6.4% | 3.5% | 100.0% |
| **Utah** | 57.7% | 28.0% | 4.4% | 7.9% | 2.0% | 100.0% |
| **Davis** | 55.4% | 30.1% | 3.9% | 9.3% | 1.4% | 100.0% |
| **Weber/Morgan** | 54.6% | 31.8% | 2.9% | 8.0% | 2.7% | 100.0% |
| **Summit** | 51.4% | 30.0% | 3.9% | 11.9% | 2.7% | 100.0% |
| **Bear River** | 48.4% | 33.7% | 4.1% | 12.2% | 1.8% | 100.0% |
| **Southwest** | 44.3% | 38.2% | 3.1% | 9.7% | 4.7% | 100.0% |
| **Tooele** | 42.4% | 41.8% | 4.3% | 8.0% | 3.5% | 100.0% |
| **Wasatch** | 38.0% | 41.1% | 4.6% | 12.4% | 3.9% | 100.0% |
| **Southeast** | 37.0% | 44.6% | 4.1% | 10.3% | 3.9% | 100.0% |
| **Tri-County** | 31.9% | 44.9% | 5.7% | 12.0% | 5.5% | 100.0% |
| **Central** | 30.7% | 48.9% | 5.3% | 13.0% | 2.2% | 100.0% |

# TECHNICAL NOTES

# General Technical Background to the 1996 Health Status Survey

## *Introduction*

The purpose of this section is to provide the reader with a general methodological overview of the project. Persons interested in obtaining additional or more detailed information may contact:

<div align="center">

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## *Sample Design*

The 1996 Utah Health Status Survey represents the third such survey; previous surveys were conducted in 1986 and 1991. The statistical estimates in this report are based on *1996 Utah Health Status Survey* data.

The sample was a **complex survey sample** designed to be representative of all Utahns. It is best described as a weighted probability sample of approximately 6,300 households disproportionately stratified by twelve local health districts that cover the entire state. Five hundred household interviews were conducted in each health district, except Salt Lake City/County Health District, in which eight hundred household interviews were conducted in order to increase the precision of statewide estimates.

A **single stage, non-clustered, equal probability of selection telephone calling design** was used to generate telephone numbers, more specifically referred to as the *Casady-Lepkowski* (1993) calling design. This method begins by building a *base sampling frame* consisting of all possible telephone numbers from all working prefixes in Utah. Telephone numbers are arranged sequentially into groups of 100 by selecting all telephone numbers within an area code and prefix, plus the first and second digits of the suffix (e.g., 801-538-10XX represents a group that includes all 100 phone numbers between 801-538-1000 and 801-538-1099). Each group of 100 telephone numbers is classified as either high density (at least one residential listing) or low density (no listed residential phone numbers in the group). All low density groups are removed, and high density groups are retained. Telephone numbers are randomly selected from the high-density list. This sampling design ensures that both listed and unlisted phone numbers are included in the sample.

The survey interview was conducted with **one randomly-selected adult** (age 18 or older) in each household. To select this person, Gallup interviewers collected household membership information from the household contact person (the person who answered the telephone). One household member was then selected at random from the list of all household members age 18 or over. Survey questions were then asked about either, 1) all household members, 2) the survey respondent only, 3) a randomly selected adult or child household member (selected using the same method as was used to select the respondent), or 4) the household as a whole. Thus, the survey sample varies, depending on the within-household reference sample that was used for each set of survey questions. Each within-household reference sample has known probabilities of selection and can be generalized to the Utah population.

The Utah Department of Health contracted with The Gallup Organization to collect the survey data. Gallup incorporated the telephone survey instrument into a **computer-assisted random digit dialing software program,** called SURVENT. Interviews were conducted by trained interviewers in a supervised environment across six sites. Interviews were conducted in Spanish when appropriate.

**Computer-assisted telephone interviewing** was chosen as the method of data collection for several reasons. First, it yields higher response rates, thus resulting in a more representative sample and reducing the amount of bias inherent in mail survey response rates. Second, it helps reduce non-sampling error by standardizing the data collection process. Data-entry errors are reduced because interviewers are not allowed to enter non-valid codes. It was also efficient because it allowed interviewers to enter responses directly into the database.

**The survey questionnaire** was divided into *core* and *supplemental modules*. Core questions were asked of all households in the sample. Table 1 describes the types of "core" questions that were asked, and about whom they were asked. Notice that *not all questions were asked with regard to everyone in the household*.

## Table 1.
### *CORE MODULE QUESTIONS*

| Question Topic | Within-Household Reference Sample |
|---|---|
| Demographic characteristics | All household members |
| Presence of chronic medical condition | All household members |
| Health insurance status | All household members |
| Injury incidence/safety issues | All household members |
| Lifestyle (smoking, drinking, exercise) | All household members |
| Subjective mental/physical health (SF12) | Respondent only (randomly-selected adult) |
| Health screening exam usage | Respondent only (randomly-selected adult) |
| Access to care/primary provider | Randomly-selected household member of any age |
| Household-level demographic characteristics | The household as a whole |

In addition to the core survey questions (above), one of six different *supplemental modules* was administered to primarily non-overlapping randomly-assigned subsets of (approximately 1,000) households. Table 2 shows the types of questions asked in the supplemental module questions, and about whom they were asked.

# Table 2.
## *SUPPLEMENTAL MODULE QUESTIONS*

| Type of Question | Within-Household Reference Sample |
|---|---|
| Limitations of activities | All household members |
| Migration | Respondent only (randomly-selected adult) |
| Health Plan Consumer Satisfaction | Respondent only (randomly-selected adult) |
| Fertility | Respondent or spouse only |
| Health Care Utilization | Randomly-selected household member of any age |
| Interpersonal violence | The household as a whole |

*Note: All supplemental module questions were asked only of a subset of households.

While both core and supplemental modules yielded sufficient sample sizes to construct state-level estimates for the Utah population, the information collected from supplemental modules was not intended for use in district-level analyses.

## *Cooperation rate*

The interview process took place over a three month period (from June to August, 1996), and resulted in a cooperation rate of 66.3%. If necessary, up to nine telephone attempts were made to contact a selected household. After a randomly-selected survey respondent was identified, up to nine attempts were made to conduct the interview with that person.

## *Weighting and Estimation Methods*

**Post-survey weighting adjustments** were made so that the Health Status Survey findings could be more accurately generalized to Utah's population. Two types of post-survey weighting adjustments were made, one that adjusted for random sampling variation, and one that adjusted for disproportionate sampling (such as the over-sampling of smaller local health districts across the state). Although the two types of adjustment are distinct conceptually, they were accomplished in a single step.

The post-survey weighting adjustments weighted the sample to be proportionately consistent with the age, sex, geographic, and Hispanic status distribution of the 1996 Utah population. Utah population estimates by sex, single year of age, and county of residence were provided by the Utah Governor's Office of Planning and Budget (GOPB) (the estimates used were those compiled in 1994). Estimates of Utah's Hispanic population for 1996 were derived by calculating the average annual rate of increase of Hispanic persons for each health district using data from 1990 to 1994 Bureau of the Census reports, and then projecting those increases to 1996 GOPB local health district population counts. Total state estimates for Hispanic persons were calculated by summing across local health districts.

The post-survey weighting variables adjusted for the following factors:

1. The number of **phones** in the household.
2. The total **number of persons in the household** to which the data will be generalized (1 for questions that were asked about every household member, the number of adults in the household for questions that were asked only of the respondent, the number of persons in the household for questions that were asked of a randomly-selected household member).
3. The proportion of **Hispanic persons** in each local health district.
4. The **age and sex** distribution of each local health district.
5. The probabilities of selection for each **local health district**.

**Population count estimates**. Once a percentage was calculated for a variable of interest (e.g., the percentage uninsured) using appropriately weighted survey data, a population count (N) to which the percentage applied was estimated. In some cases analyses referenced certain age or sex groups, Hispanic persons or combinations of Utah counties. These total population group counts were readily available from the sources described earlier. However, for other groups where population counts were largely unavailable (e.g., analyses that examined the distribution of adult males by marital status), the population counts were estimated. This was achieved by multiplying the appropriate 1996 population total for that group (from 1996 GOPB estimates) by a proportion obtained from a frequency distribution or cross tabulation analysis of survey data. For instance, to calculate a population count for adult males who were married, the population of adult males from GOPB was multiplied by percentage of married adult males in the 1996 Utah Health Status Survey sample. Thus, any population count estimates not derived directly from existing age, sex, Hispanic status or county population estimates were derived from 1996 Health Status Survey data, and must be considered estimates.

**Missing Values.** Another consideration that affected the presentation of the population estimates in table format was the inclusion or exclusion of missing values ("don't know" and "refused to answer"). Population percentage estimates were calculated after removing the "don't know" and "refused to answer" responses from the denominator. This, in effect, assumed that persons who gave these answers were distributed identically on the variable of interest to those who gave a valid answer to that variable. For instance, that among those who did not know whether they were insured, we assumed that 90.47% of them were insured and 9.53% were not insured -- percentages identical to those found among the sample members who answered the question with a valid response.

Removing the missing cases from an analysis is rather simple and straightforward for analyses of a single variable. However, when one variable is cross-tabulated by another variable, all missing cases from both variables must be removed from the analysis. Removing the missing cases in itself is not a problem. However, a problem is encountered when a population estimate for a given variable, such as the percentage of all Utahns that have health insurance, differs slightly from an analysis of "all Utahns" versus an analysis of "all Utahns by age group." This is because the missing cases on the age variable have been removed from one analysis and not from another. Since the percentage of all Utahns that have health insurance was calculated on slightly different samples, the resulting percentage estimates are slightly different. This problem was resolved by reporting the best population estimate available for any given population subgroup. For instance, in the table of insurance rates for all Utahns by age, the population estimate from an analysis that includes Utahns of all ages, regardless of whether they reported missing values on the age variable has been substituted for the original total row in that table. The only drawback to this strategy is that the population count figures for Utahns with and without health insurance in tables like the "Utahns by Age Group" table do

not sum to the same number derived from the analysis of all Utahns regardless of whether they had missing values on the age variable. As a result, the tables appear as though they do not "add up."

*Limitations and Other Special Considerations*

Estimates developed from the sample may differ from the results of a complete census of all households in Utah due to two types of error, sampling and non-sampling error. Each type of error is present in estimates based on a survey sample. Good survey design and data collection techniques serve to minimize both sources of error.

**Sampling error** refers to random variation that occurs because only a subset of the entire population is sampled and used to estimate the finding in the entire population. It is often mis-termed "margin of error" in popular use. Sampling error is expresesed as a *confidence interval.* The 95% confidence interval (calculated as 1.96 times the standard error of a statistic) indicates the range of values within which the statistic would fall 95% of the time is the researcher were to calculate the statistic (e.g., a percentage) from an infinite number of samples of size=n drawn from the same base population. It is typically expressed as the "plus or minus" term, as in the following example:

"The percentage of those polled who said they would vote for Bill Clinton was 52%, plus or minus 2%."

Because local health districts were disproportionately stratified and then weighted to reflect the Utah population, the sample was considered a complex survey sample design. Estimating the sampling error for a complex survey design requires special statistical techniques, derived from the standard error for each estimate. SUDAAN software (Research Triangle Institute) was chosen to estimate the standard errors of the survey estimates because it employs a statistical routine (Taylor-series expansion) that accounts for the complex survey design.

Figures in this report include bars showing this estimated confidence interval around the parameter estimate. In cases where the confidence interval was greater in magnitude than the estimate, the estimate was not given. Estimates were not computed where the sample denominators were less that n=50. Readers should note that we have always presented the confidence interval as though it were symmetric, that is, of equal value both above and below (plus and minus) the estimate. It is often the case, however, that a confidence interval will be nonsymmetric. This occurs when the distribution is positively or negatively skewed, such as when a percentage is close to 0% or 100%. However, because the software program we use provides only symmetric confidence intervals, we are unable to provide the asymmetric estimates.

**Non-sampling error** also exists in survey estimates. Sources of non-sampling error include idiosyncratic interpretation of survey questions by respondents, variations in interviewer technique, household non-response to questions, coding errors, and so forth. No specific efforts were made to quantify the magnitude of non-sampling error.

**Comparability** with other surveys is an issue with all surveys. Differences in survey design, survey questions, estimation procedures, the socio-demographic and economic context, and changes in the structure and financing of the health care delivery system may all affect comparison between the 1996 Utah Health Status Survey and other surveys, including those conducted by the U.S. Bureau of the Census, the Behavioral Risk Factor Surveillance System surveys, and previous Utah Department of Health, Health Status Surveys.

**Telephone surveys** exclude certain population segments from the sampling frame, including persons in group living quarters (e.g., military barracks, nursing homes) and households without telephones. At the time of the 1990 Decennial Census, only four percent of Utah households were without telephone service. Typically, telephone surveys are biased because telephone households under-represent lower income and certain minority populations. In addition, studies have shown that non-telephone households tend to have lower rates of health care utilization (especially dental care), poorer health habits and health status, and lower rates of health insurance coverage (Thornberry and Massey, 1988).

Despite these overall disparities between telephone and non-telephone households, new survey research (Keeter, 1995) suggests that a similarity exists between data from non-telephone households and telephone households that experienced an interruption in service over the past 12 months. This similarity exists because many, if not most, households currently without telephones did have service in the recent past, and will have service again in the future. Therefore, certain households with telephones (those that had a recent interruption in service) are representative of "nonphone" households, allowing health status survey estimates that have been corrected for telephone noncoverage bias to be produced where indicated.

Casady, Robert J., and James M. Lepkowski (1993) Stratified telephone survey designs. Survey Methodology, 19 (1) 103-113.

Keeter, Scott (1995) Estimating telephone noncoverage bias with a telephone survey. Public Opinion Quarterly, 59, 196-217.

Thornberry, Owen T. and James T. Massey (1988) Trends in United States telephone coverage across time and subgroups. In Robert M. Groves, Paul P. Biemer, Lar E. Lyberg, James T. Massey, William L. Nichols II, and Joseph Waksberg (eds.) Telephone Survey Methodology. New York: John Wiley and Sons.

# Injury-Related Data Sources

The following data sources are available from the Utah Department of Health:

Vital Statistics/Action2000 Database. A mortality database that contains death certificate information, including the number and cause of death by age, sex, residence, year of death. Specific types of deaths (e.g., injury-related deaths) can be extracted using ICD9 categories.

Utah Hospital Discharge Database. This database provides local estimates of inpatient hospital utilization. It contains elements such as patient demographics, discharge date, length of stay, total charges, type of payer, and diagnosis category. Injury-related discharges can be extracted using the appropriate ICD-9 categories. Currently, data from 1992-1995 are available.

Behavioral Risk Factor System (BRFSS). A nationwide, population-based telephone survey designed to assess the prevalence of health-related behavioral risk factors that are associated with the leading causes of premature death and disability.

Healthy People 2000 Review. A strategy for improving the health of Americans by the year 2000 through the achievement of objectives in priority areas of public health. Contains the most current information on health promotion and disease prevention to track progress towards local and national objectives.

The following data sources are available from your local library:

National Health Interview Survey. This is a continuing nationwide household interview survey that has been conducted since 1957. Among other things, data are used to provide national estimates on the incidence of acute illness and injuries. Its core data elements are organized around demographics, health status, and health care utilization.

Occupational Injuries and Illnesses in the United States, US Dept of Labor.

Traffic Safety Facts, A Compilation of Motor Vehicle Crash Data from the Fatal Accident Reporting System and the General Estimates System. US Dept of Transportation, NHTSA

Health, United States. This document reports on the health status of the U.S. It contains trends in public health statistics in the areas of health status and its determinants, health care utilization and expenditures. Firearm and motor vehicle-related injury statistics are mentioned, among other topics.