

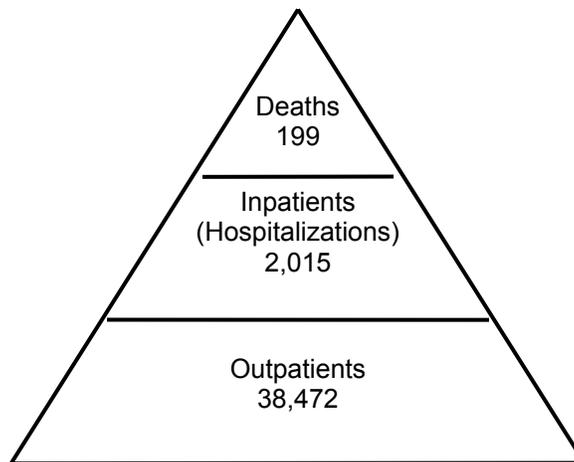
INJURY REPORT, 1999-2003

**Three Rivers District Health Department Coverage Area**  
Dodge, Saunders and Washington Counties

**Summary**

Injury is a public health problem in Three Rivers District Health Department (TRDHD) coverage area. Overall, injury is the fourth leading cause of death in Dodge, Saunders, and Washington counties (*Table D1*). From 1999 to 2003, in addition to 199 injury deaths, more than 2,000 residents in these counties were hospitalized and more than 38,400 residents were treated at hospitals for injuries (*Figure A*). Overall, motor vehicle crashes were the leading cause of injury death. Suicide was second, followed by falls. In contrast to deaths, falls were the leading cause of injury-related hospital discharge and struck by/against injuries were second, followed by cutting/piercing, motor vehicle crashes, and overexertion.

**Figure A: Injury deaths, hospital inpatients and outpatients**  
Three Rivers District Health Department coverage area, NE, 1999-2003



The pattern of injury varied by age and gender. Injury had a greater impact on children and young adults. Of all deaths among those age 5-29, most were due to injuries. Therefore, more years of potential life were lost due to injuries. More than twice as many males died from injuries as females.

The following table highlights the TRDHD coverage area's progress towards the 2010 Nebraska Health Goals and Objectives related to deaths due to unintentional injuries, falls and motor vehicle crashes (*Table A*).

**Table A. Injury Death rates, Three Rivers District Health Department Coverage Area, NE, 2003**

| Cause of Death       | Injury Death Rates 2003 | 2010 Nebraska Objective (rate per 100,000 population) |
|----------------------|-------------------------|---|
| Unintentional Injury | 45.2                    | 19.4  |
| Fall                 | 6.4                     | 3.5   |
| Motor Vehicle Crash  | 21.0                    | 12.0  |

Source: DHHS Death Certificate Data, 2003.

## Injury Deaths

### Overall

- From 1999 to 2003, injuries, including unintentional and intentional, were the fourth leading cause of death in the counties served by the TRDHD (*Table D1*).

**Table D1: Five Leading Causes of Death,  
Three Rivers District Health Department, Nebraska, 1999-2003**

| Rank | Cause                | Total Number of Death |
|------|----------------------|-----------------------|
| 1    | Cancer               | 831                   |
| 2    | Heart Disease        | 807                   |
| 3    | Stroke               | 332                   |
| 4    | Injury               | 189                   |
| 5    | Chronic Lung Disease | 166                   |

Source: DHHS Death Certificate Data, 1999-2003

- An average of 38 residents died from injury each year in the TRPHD coverage area (*Table D2*).
- Deaths due to injury made up 5.1% of total deaths, compared to 6% for Nebraska. Among the 10-14 year age group, all deaths were due to injuries. In addition, 84% of the deaths in the 15-24 year age group and 56.3% of deaths in the 25-29 year age group were due to injuries in the TRPHD coverage area (*Table D2*).

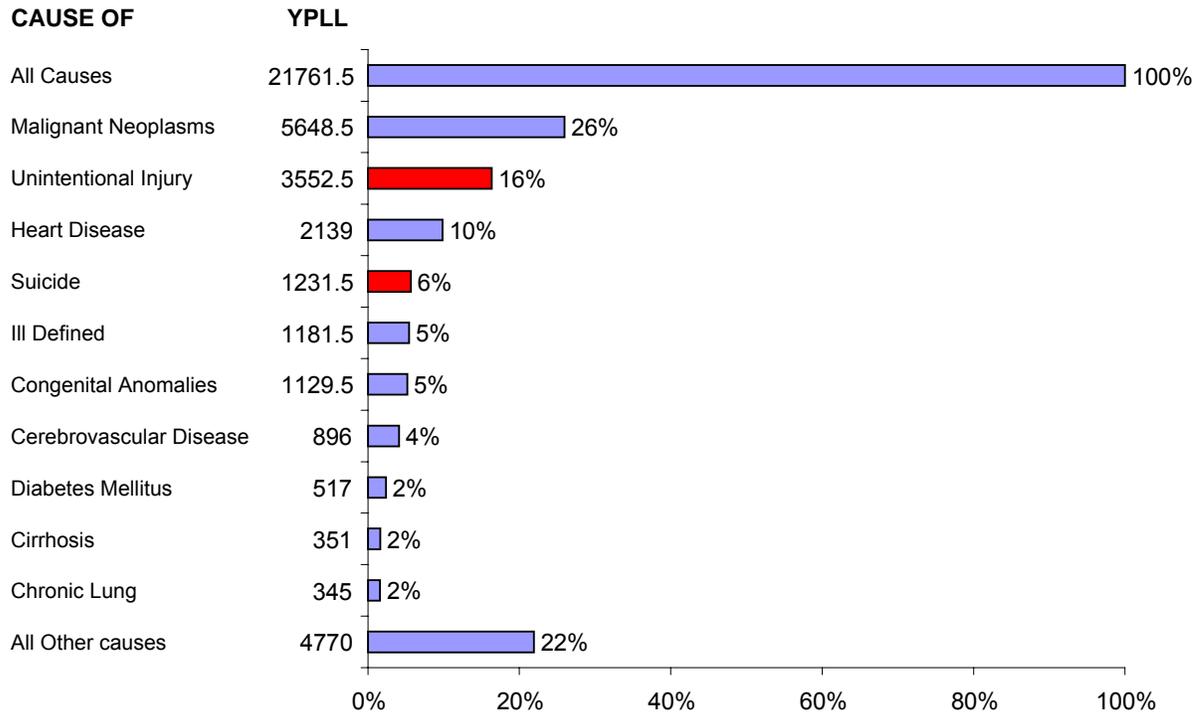
**Table D2: Injury Deaths as a Percent of All Deaths by Age,  
Three Rivers District Health Department Coverage Area, NE, 1999-2003**

| Age Group    | Injury Deaths | Annual Average Injury Deaths | All Deaths   | Percent of Death due to Injury |
|--------------|---------------|------------------------------|--------------|--------------------------------|
| <1           | 1             | 0                            | 32           | 3.1                            |
| 1-4          | 3             | 1                            | 7            | 42.9                           |
| 5-9          | 2             | 0                            | 3            | 66.7                           |
| 10-14        | 2             | 0                            | 2            | 100.0                          |
| 15-19        | 21            | 4                            | 25           | 84.0                           |
| 20-24        | 16            | 3                            | 19           | 84.2                           |
| 25-29        | 9             | 2                            | 16           | 56.3                           |
| 30-34        | 6             | 1                            | 18           | 33.3                           |
| 35-39        | 9             | 2                            | 23           | 39.1                           |
| 40-44        | 13            | 3                            | 56           | 23.2                           |
| 45-49        | 14            | 3                            | 61           | 23.0                           |
| 50-54        | 13            | 3                            | 98           | 13.3                           |
| 55-59        | 4             | 1                            | 126          | 3.2                            |
| 60-64        | 7             | 1                            | 182          | 3.8                            |
| 65-74        | 14            | 3                            | 531          | 2.6                            |
| 75-84        | 26            | 5                            | 1,089        | 2.4                            |
| 85+          | 29            | 6                            | 1,441        | 2.0                            |
| <b>Total</b> | <b>189</b>    | <b>38</b>                    | <b>3,729</b> | <b>5.1</b>                     |

Source: DHHS Death Certificate Date, 1999-2003

- Years of Potential Life Lost (YPLL) from unintentional injury ranked second (16.3%), following those from cancer (26.0%). Suicide ranked 4<sup>th</sup> at 5.7% (*Figure D1*).

**Figure D1: Years of Potential Life Lost (YPLL) before Age 75 by Cause of Death, Three Rivers District Health Department Coverage Area, NE, 1999-2003**



Source: DHHS Death Certificate Data, 1999-2003

- The TRDHD coverage area had a higher unintentional injury rate (36.6 per 100,000) but lower suicide rate (8.8 per 100,000) and homicide rate (1.6 per 100,000) than Nebraska rates (33.3, 10.6, and 3.2 per 100,000 respectively) (Table D3).

**Table D3: Injury Deaths, Percentage, and Age-adjusted Rates, Three Rivers District Health Department Coverage Area, NE, 1999-2003**

| Cause           | Male       |              |             | Female    |              |             | Total      |              |             | State        |              |             |
|-----------------|------------|--------------|-------------|-----------|--------------|-------------|------------|--------------|-------------|--------------|--------------|-------------|
|                 | N          | %            | Rate        | N         | %            | Rate        | N          | %            | Rate        | N            | %            | Rate        |
| Unintentional   | 95         | 70.4         | 51.8        | 54        | 84.4         | 21.9        | 149        | 74.9         | 36.6        | 3,020        | 68.3         | 33.3        |
| Suicide         | 31         | 23.0         | 16.4        | 3         | 4.7          | *           | 34         | 17.1         | 8.8         | 894          | 20.2         | 10.6        |
| Homicide        | 3          | 2.2          | *           | 3         | 4.7          | *           | 6          | 3.0          | 1.6         | 273          | 6.2          | 3.2         |
| Undetermined    | 4          | 3.0          | *           | 3         | 4.7          | *           | 7          | 3.5          | 1.7         | 139          | 3.1          | 1.6         |
| Adverse Effects | 2          | 1.5          | *           | 1         | 1.6          | *           | 3          | 1.5          | *           | 93           | 2.1          | 1.0         |
| <b>Total</b>    | <b>135</b> | <b>100.0</b> | <b>73.0</b> | <b>64</b> | <b>100.0</b> | <b>26.7</b> | <b>199</b> | <b>100.0</b> | <b>49.4</b> | <b>4,419</b> | <b>100.0</b> | <b>48.9</b> |

Source: DHHS Death Certificate Data, 1999-2003

\* Fewer than five deaths

- More males (68%) died from injuries than females (32%) (Table D4).

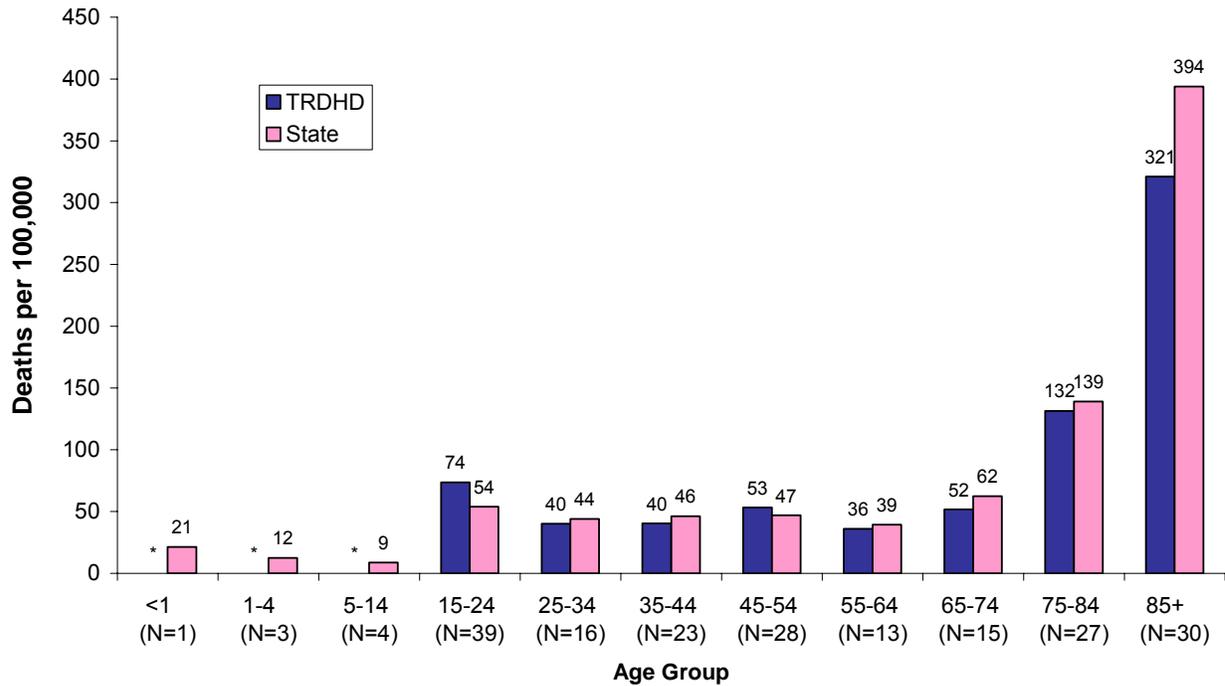
**Table D4: Injury Related Deaths and Hospital Discharges by Gender, Age, and Race,  
Three Rivers District Health Department Coverage Area, NE, 1999-2003**

|                  | Three Rivers District Health Department |       |                     |       | State  |       |                     |       |
|------------------|---|-------|---------------------|-------|--------|-------|---------------------|-------|
|                  | Deaths                                  |       | Hospital Discharges |       | Deaths |       | Hospital Discharges |       |
|                  | N                                       | %     | N                   | %     | N      | %     | N                   | %     |
| <b>Gender</b>    |   |       |                     |       |        |       |                     |       |
| Male             | 135                                     | 67.8  | 22,178              | 54.8  | 2,848  | 64.3  | 386,563             | 53.1  |
| Female           | 64                                      | 32.2  | 18,309              | 45.2  | 1,581  | 35.7  | 341,506             | 46.9  |
| Total            | 199                                     | 100.0 | 40,487              | 100.0 | 4,429  | 100.0 | 728,069             | 100.0 |
| <b>Age</b>       |   |       |                     |       |        |       |                     |       |
| <1               | 1                                       | 0.5   | 302                 | 0.8   | 26     | 0.6   | 7,142               | 1.0   |
| 1-4              | 3                                       | 1.5   | 3,071               | 7.6   | 58     | 1.3   | 59,764              | 8.2   |
| 5-14             | 4                                       | 2.0   | 6,950               | 17.2  | 107    | 2.4   | 122,382             | 16.8  |
| 15-24            | 39                                      | 19.6  | 8,288               | 20.5  | 699    | 15.8  | 144,001             | 19.8  |
| 25-34            | 16                                      | 8.0   | 4,366               | 10.8  | 486    | 11.0  | 84,574              | 11.6  |
| 35-44            | 23                                      | 11.6  | 4,822               | 11.9  | 593    | 13.4  | 84,445              | 11.6  |
| 45-54            | 28                                      | 14.1  | 3,718               | 9.2   | 547    | 12.4  | 66,321              | 9.1   |
| 55-64            | 13                                      | 6.5   | 2,237               | 5.5   | 292    | 6.6   | 39,540              | 5.4   |
| 65-74            | 15                                      | 7.5   | 2,307               | 5.7   | 355    | 8.0   | 40,555              | 5.6   |
| 75-84            | 27                                      | 13.6  | 2,458               | 6.1   | 575    | 13.0  | 45,135              | 6.2   |
| 85+              | 30                                      | 15.1  | 1,968               | 4.9   | 691    | 15.6  | 34,222              | 4.7   |
| Total            | 199                                     | 100.0 | 40,487              | 100.0 | 4,429  | 100.0 | 728,081             | 100.0 |
| <b>Race</b>      |   |       |                     |       |        |       |                     |       |
| Asian            | 1                                       | 0.5   |                     |       | 29     | 0.7   |                     |       |
| African American | 0                                       | 0.0   |                     |       | 194    | 4.4   |                     |       |
| Native American  | 0                                       | 0.0   |                     |       | 72     | 1.6   |                     |       |
| White            | 197                                     | 99.0  |                     |       | 4,123  | 93.1  |                     |       |
| Other            | 1                                       | 0.5   |                     |       | 11     | 0.3   |                     |       |
| Total            | 199                                     | 100.0 |                     |       | 4,429  | 100.0 |                     |       |

Note: Hospital discharges include hospital inpatients, outpatients, and ER visits.

- Age-adjusted injury death rates were the highest for the oldest age group, 85 years and older. Persons in this age group had a slightly lower injury death rate of 321 per 100,000 compared to the Nebraska rate of 394 per 100,000 (*Figure D2*).

**Figure D2: All Injury Death Rates by Age,  
Three Rivers District Health Department Coverage Area, NE, 1999-2003**

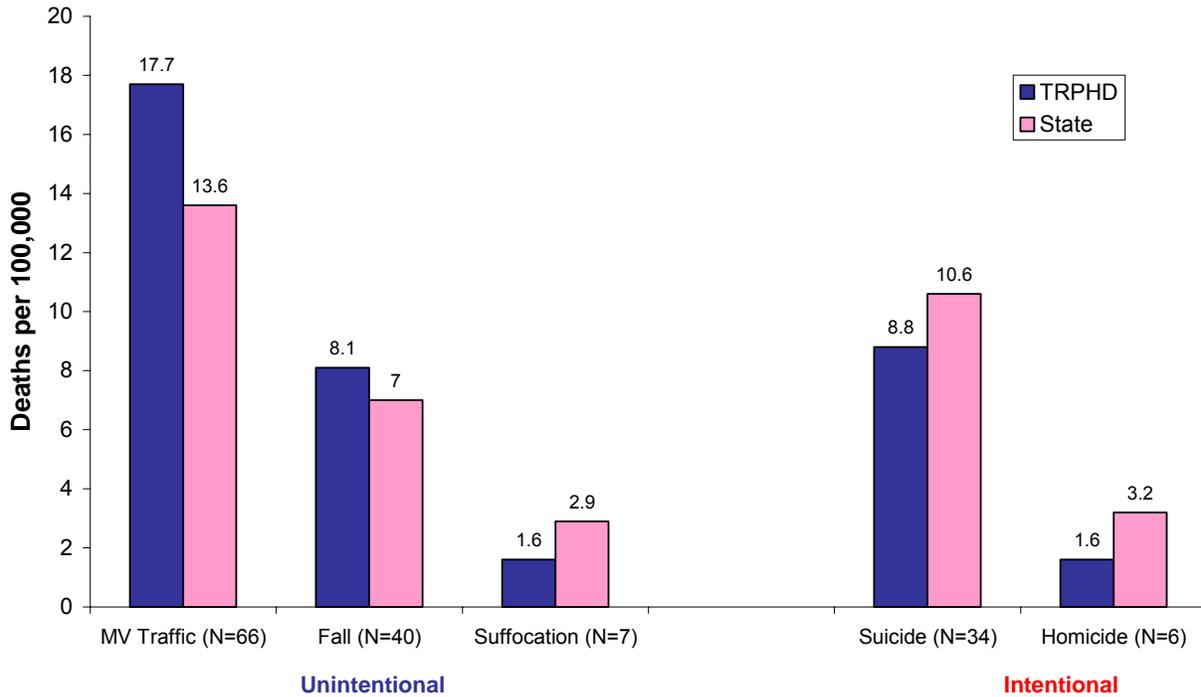


\* Fewer than five deaths  
Source: DHHS Death Certificate Data, 1999-2003

**Leading causes**

- Motor vehicle crashes were the leading cause of injury death with an age-adjusted rate of 17.7 per 100,000. The rate was higher than the Nebraska rate (13.6 per 100,000) (*Figure D3*).
- Suicide was the second leading cause of injury death. The age-adjusted death rate for suicide was lower than the Nebraska rate (8.8 and 10.6 per 100,000 respectively) (*Figure D3*).
- Falls were the third leading cause of injury death. The age-adjusted death rate due to falls was slightly higher than the Nebraska rate (8.1 and 7.0 per 100,000 respectively) (*Figure D3*).

**Figure D3: Age-adjusted Injury Death Rates by Cause  
Three Rivers Health Department Coverage Area, NE, 1999-2003**



Source: DHHS Death Certificate Data, 1999-2003

**Age**

- Persons age 15-24 years (N=22) were involved in the most motor vehicle crashes, accounting for 33.3% of total deaths (N=66) (*Table D5*).

**Table D5: Deaths Due to Motor Vehicle Crash by Age and Gender,  
Three Rivers District Health Department Coverage Area, 1999-2003**

| Age          | Male      |              | Female    |              | Total     |              |
|--------------|-----------|--------------|-----------|--------------|-----------|--------------|
|              | N         | %            | N         | %            | N         | %            |
| 1-4          | 0         | 0.0          | 1         | 5.0          | 1         | 1.5          |
| 5-14         | 1         | 2.2          | 2         | 10.0         | 3         | 4.5          |
| 15-24        | 16        | 34.8         | 6         | 30.0         | 22        | 33.3         |
| 25-34        | 5         | 10.9         | 3         | 15.0         | 8         | 12.1         |
| 35-44        | 5         | 10.9         | 4         | 20.0         | 9         | 13.6         |
| 45-54        | 4         | 8.7          | 1         | 5.0          | 5         | 7.6          |
| 55-64        | 5         | 10.9         | 1         | 5.0          | 6         | 9.1          |
| 65-74        | 5         | 10.9         | 1         | 5.0          | 6         | 9.1          |
| 75-84        | 4         | 8.7          | 1         | 5.0          | 5         | 7.6          |
| 85+          | 1         | 2.2          | 0         | 0.0          | 1         | 1.5          |
| <b>Total</b> | <b>46</b> | <b>100.0</b> | <b>20</b> | <b>100.0</b> | <b>66</b> | <b>100.0</b> |

Source: DHHS Death Certificate Data, 1999-2003

- More than 52% of deaths (N=21) due to fall injuries were persons 85 years and older (*Table D6*).

**Table D6: Deaths Due to Falls by Age and Gender,  
Three Rivers District Health Department Coverage Area, 1999-2003**

| Age          | Male      |              | Female    |              | Total     |              |
|--------------|-----------|--------------|-----------|--------------|-----------|--------------|
|              | N         | %            | N         | %            | N         | %            |
| 25-34        | 1         | 5.9          | 0         | 0.0          | 1         | 2.5          |
| 35-44        | 2         | 11.8         | 0         | 0.0          | 2         | 5.0          |
| 45-54        | 2         | 11.8         | 1         | 4.3          | 3         | 7.5          |
| 65-74        | 1         | 5.9          | 2         | 8.7          | 3         | 7.5          |
| 75-84        | 5         | 29.4         | 5         | 21.7         | 10        | 25.0         |
| 85+          | 6         | 35.3         | 15        | 65.2         | 21        | 52.5         |
| <b>Total</b> | <b>17</b> | <b>100.0</b> | <b>23</b> | <b>100.0</b> | <b>40</b> | <b>100.0</b> |

Source: DHHS Death Certificate Data, 1999-2003

- The most suicide deaths were among persons in the 15-24 year age group (32%) (Table D7).

**Table D7: Deaths Due to Suicide by Age and Gender,  
Three Rivers District Health Department Coverage Area, 1999-2003**

| Age          | Male      |              | Female   |              | Total     |              |
|--------------|-----------|--------------|----------|--------------|-----------|--------------|
|              | N         | %            | N        | %            | N         | %            |
| 5-14         | 0         | 0.0          | 1        | 33.3         | 1         | 2.9          |
| 15-24        | 11        | 35.5         | 0        | 0.0          | 11        | 32.4         |
| 25-34        | 1         | 3.2          | 0        | 0.0          | 1         | 2.9          |
| 35-44        | 7         | 22.6         | 0        | 0.0          | 7         | 20.6         |
| 45-54        | 6         | 19.4         | 2        | 66.7         | 8         | 23.5         |
| 55-64        | 3         | 9.7          | 0        | 0.0          | 3         | 8.8          |
| 65-74        | 2         | 6.5          | 0        | 0.0          | 2         | 5.9          |
| 75-84        | 1         | 3.2          | 0        | 0.0          | 1         | 2.9          |
| <b>Total</b> | <b>31</b> | <b>100.0</b> | <b>3</b> | <b>100.0</b> | <b>34</b> | <b>100.0</b> |

Source: DHHS Death Certificate Data, 1999-2003

## Gender

- More males (N=46) died from motor vehicle crashes than females (N=20) (Table D5).
- More females (N=23) died from falls than males (N=17) in the TRPHD coverage area (Table D6).
- More males (N=31) died from suicide than females (N=3) in the TRPHD coverage area (Table D7).

## Hospital discharges

### Overall

- The counties served by the TRPHD had a higher unintentional injury hospital discharge rate (10,110 per 100,000), suicide attempt rate (87 per 100,000), and assault rate (231 per 100,000) compared to Nebraska rates (7,610, 75, and 204 per 100,000 respectively) (*Table H1*).
- More males (55%) than females (45%) were treated at hospitals for all injury-related causes (*Table D4*).

**Table H1: Injury Hospital Discharges, Percentage, and Age-adjusted Rates, Three Rivers District Health Department Coverage Area, NE, 1999-2003**

| Intent        | Males         |              |                 | Females       |              |                | Total         |              |                 | State          |              |                |
|---------------|---------------|--------------|-----------------|---------------|--------------|----------------|---------------|--------------|-----------------|----------------|--------------|----------------|
|               | N             | %            | Rate            | N             | %            | Rate           | N             | %            | Rate            | N              | %            | Rate           |
| Unintentional | 20,952        | 96.6         | 11,481.0        | 17,252        | 97.1         | 8,786.2        | 38,204        | 96.8         | 10,110.0        | 665,407        | 95.9         | 7,609.6        |
| Suicide       | 102           | 0.5          | 57.5            | 203           | 1.1          | 115.3          | 305           | 0.8          | 86.9            | 6,379          | 0.9          | 75.0           |
| Homicide      | 556           | 2.6          | 309.8           | 265           | 1.5          | 155.8          | 821           | 2.1          | 231.4           | 17,720         | 2.6          | 203.9          |
| Undetermined  | 56            | 0.3          | 31.4            | 44            | 0.2          | 24.4           | 100           | 0.3          | 27.8            | 4,181          | 0.6          | 48.3           |
| Other         | 17            | 0.1          | 9.7             | 1             | 0.0          | 0.6            | 18            | 0.0          | 5.1             | 404            | 0.1          | 4.7            |
| <b>Total</b>  | <b>21,683</b> | <b>100.0</b> | <b>11,890.0</b> | <b>17,765</b> | <b>100.0</b> | <b>9,082.2</b> | <b>39,448</b> | <b>100.0</b> | <b>10,461.0</b> | <b>694,091</b> | <b>100.0</b> | <b>7,941.5</b> |

Source: NE Hospital Discharge Data 1999-2003

Rates per 100,000 population are age-adjusted to the 2000 U.S. standard population

### Leading causes

- Falls were the leading cause of injury hospital discharges for all age groups combined, with an age-adjusted rate of 3,093 per 100,000. The rate was relatively higher than the Nebraska rate (2,184 per 100,000). Falls were also the leading cause of hospital discharges for all age groups except for the 15-24 year age group (*Table H2 & Figure H1*).
- Struck by/against was the second leading cause of injury hospital discharges for all ages combined, and the leading cause for persons ages 15-24. The age-adjusted hospital discharge rate for struck by/against was higher than the Nebraska rate (1,585 and 1,132 per 100,000 respectively) (*Table H2 & Figure H1*).
- Cutting/piercing was the third leading cause of injury hospital discharges. The age-adjusted rate was higher than the Nebraska rate (989 and 690 per 100,000) (*Figure H1*).
- Motor vehicle crashes (918 per 100,000) and overexertion (728 per 100,000) were the 4<sup>th</sup> and 5<sup>th</sup> ranking cause of injury hospital discharge in the TRPHD coverage area (*Figure H1*).

**Table H2: Five Leading Causes of Hospital Discharges for Injury by Age, Three Rivers District Health Department Coverage Area, Nebraska, 1999-2003**

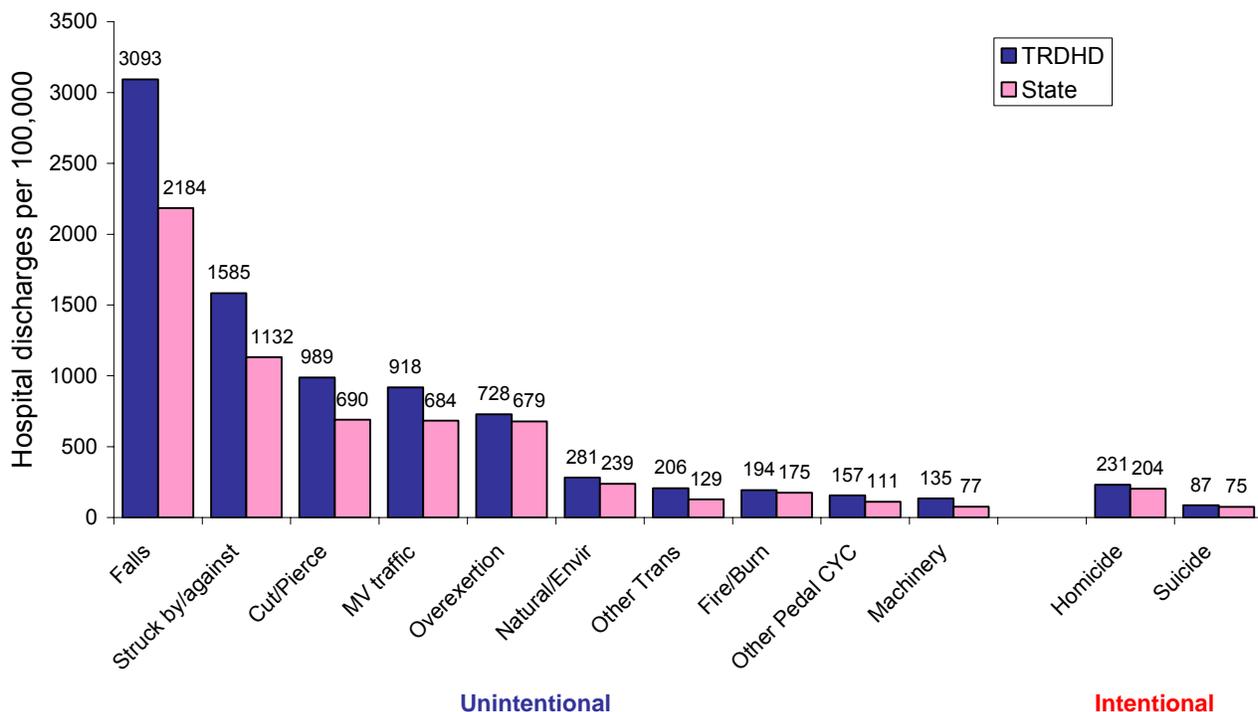
| Rank | <1                           | 1-4                           | 5-9                           | 10-14                           | 15-24                           | 25-34                         | 35-44                         | 45-54                         | 55-64                         | 65-74                         | 75-84                        | 84+                          | All Ages                        |
|------|------------------------------|-------------------------------|-------------------------------|---------------------------------|---------------------------------|-------------------------------|-------------------------------|-------------------------------|-------------------------------|-------------------------------|------------------------------|------------------------------|---------------------------------|
| 1    | Falls<br>N=138               | Falls<br>N=1,197              | Falls<br>N=1,008              | Falls<br>N=1,091                | Struck<br>by/against<br>N=1,755 | Falls<br>N=775                | Falls<br>N=1,059              | Falls<br>N=958                | Falls<br>N=736                | Falls<br>N=1,080              | Falls<br>N=1,553             | Falls<br>N=1,451             | Falls<br>N=12,358               |
| 2    | Struck<br>by/against<br>N=32 | Struck<br>by/against<br>N=468 | Struck<br>by/against<br>N=580 | Struck<br>by/against<br>N=1,045 | Falls<br>N=1,312                | Struck<br>by/against<br>N=643 | Cut/Pierce<br>N=613           | Cut/Pierce<br>N=409           | Cut/Pierce<br>N=215           | MV traffic<br>N=143           | MV traffic<br>N=112          | Struck<br>by/against<br>N=47 | Struck<br>by/against<br>N=5,810 |
| 3    | Cut/Pierce<br>N=12           | Cut/Pierce<br>N=162           | Cut/Pierce<br>N=249           | Cut/Pierce<br>N=332             | MV traffic<br>N=1,278           | Cut/Pierce<br>N=576           | Struck<br>by/against<br>N=551 | Overexertion<br>N=396         | Overexertion<br>N=193         | Cut/Pierce<br>N=140           | Cut/Pierce<br>N=95           | Overexertion<br>N=30         | Cut/Pierce<br>N=3,594           |
| 4    | Fire/Burn<br>N=9             | Poisoning<br>N=151            | Other Pedal<br>CYC<br>N=213   | Overexertion<br>N=213           | Cut/Pierce<br>N=775             | MV traffic<br>N=480           | Overexertion<br>N=500         | Struck<br>by/against<br>N=343 | MV traffic<br>N=183           | Struck<br>by/against<br>N=109 | Struck<br>by/against<br>N=84 | MV traffic<br>N=25           | MV traffic<br>N=3,361           |
| 5    | Poisoning<br>N=9             | Natural/Envir<br>N=143        | Natural/Envir<br>N=133        | Other Pedal<br>CYC<br>N=196     | Overexertion<br>N=655           | Overexertion<br>N=371         | MV traffic<br>N=469           | MV traffic<br>N=314           | Struck<br>by/against<br>N=153 | Overexertion<br>N=103         | Overexertion<br>N=58         | Natural/Envir<br>N=17        | Overexertion<br>N=2,673         |

Hospital visits includes visits as inpatient, ER and non-ER patient

Note: Causes coded as "other specified" and "unspecified" are excluded from this matrix

Source: NE Hospital Discharge Data, 1999-2003

**Figure H1: Age-Adjusted Injury Hospital Discharge Rates by Cause  
Three Rivers District Health Department Coverage Area, NE, 1999-2003**



Source: NE Hospital Discharge Data 1999-2003

### Age

- The hospital discharge rate for falls was the highest for persons age 85 and older (*Table H3*).
- Among children age 14 and under, the 1-4 year age group had the highest fall injury rate (6,509 per 100,000), which was relatively higher than the Nebraska rate (4,310 per 100,000). This age group had the third highest injury fall rate after the 75-84 and 85 and older age groups (*Table H3*).
- The 15-24 year age group had the highest hospital discharge rate (3,313 per 100,000) for struck by/against, which was higher than the Nebraska rate (2,136 per 100,000). The rate was second highest for the 5-14 year age group at 3,006 per 100,000 (*Table H3*).
- The hospital discharge rate for cutting/piercing injuries was highest for the 15-24 year age group (1,463 per 100,000) (*Table H3*).
- Hospital discharge rates for motor vehicle crashes (2,413 per 100,000) and overexertion injuries (1,237 per 100,000) were the highest for individuals in the 15-24 year age group (*Table H3*).

### Gender

- Females had higher injury hospital discharge rates for falls than males (3,235 vs. 2,946 per 100,000) (*Table H3*).
- The injury hospital discharge rates for struck by/against and cutting/piercing for males were more than twice those for females (2,128 and 1,337 vs. 1,061 and 562 per 100,000) (*Table H3*).
- The motor vehicle injury hospital discharge rate was higher for females than for males (957 vs. 879 per 100,000) (*Table H3*).

**Table H3: Five Leading Causes of Injury Hospital Discharges, Rates by Gender and Age, Three Rivers District Health Department Coverage Area, NE, 1999-2003**

| Cause             | Age   | Three Rivers HD |       |        |        |       |        |       |       |        | State  |        |        |
|-------------------|-------|-----------------|-------|--------|--------|-------|--------|-------|-------|--------|--------|--------|--------|
|                   |       | Male            |       |        | Female |       |        | Total |       |        | Rate   |        |        |
|                   |       | N               | %     | Rate   | N      | %     | Rate   | N     | %     | Rate   | Male   | Female | Total  |
| MV traffic        | <1    | 4               | 0.2   | 169.1  | 1      | 0.1   | 45.8   | 5     | 0.1   | 109.9  | 128.9  | 121.4  | 125.2  |
| MV traffic        | 1-4   | 34              | 2.1   | 363.1  | 29     | 1.7   | 321.3  | 63    | 1.9   | 342.6  | 251.0  | 229.3  | 240.4  |
| MV traffic        | 5-14  | 141             | 8.7   | 509.5  | 148    | 8.5   | 560.8  | 289   | 8.6   | 534.5  | 400.0  | 436.0  | 417.6  |
| MV traffic        | 15-24 | 626             | 38.8  | 2328.2 | 652    | 37.3  | 2499.6 | 1278  | 38    | 2412.6 | 1444.2 | 1831.5 | 1633.7 |
| MV traffic        | 25-34 | 219             | 13.6  | 1081.4 | 261    | 14.9  | 1333.3 | 480   | 14.3  | 1205.2 | 855.6  | 993.0  | 923.2  |
| MV traffic        | 35-44 | 229             | 14.2  | 802.1  | 240    | 13.7  | 845.4  | 469   | 14    | 823.7  | 607.3  | 708.3  | 657.6  |
| MV traffic        | 45-54 | 156             | 9.7   | 590.9  | 158    | 9     | 604.1  | 314   | 9.3   | 597.5  | 476.5  | 523.1  | 499.9  |
| MV traffic        | 55-64 | 84              | 5.2   | 469.9  | 99     | 5.7   | 543.4  | 183   | 5.4   | 507    | 346.5  | 441.2  | 394.9  |
| MV traffic        | 65-74 | 57              | 3.5   | 422.1  | 86     | 4.9   | 555.5  | 143   | 4.3   | 493.4  | 327.3  | 382.2  | 357.1  |
| MV traffic        | 75-84 | 49              | 3     | 581.5  | 63     | 3.6   | 520.8  | 112   | 3.3   | 545.7  | 402.4  | 393.8  | 397.3  |
| MV traffic        | 85+   | 13              | 0.8   | 510.8  | 12     | 0.7   | 176.4  | 25    | 0.7   | 267.5  | 404.8  | 248.5  | 293.6  |
| <b>Total</b>      |       | 1612            | 100.0 | 879.0  | 1749   | 100.0 | 956.5  | 3361  | 100.0 | 918.0  | 629.3  | 737.3  | 684.0  |
| Falls             | <1    | 72              | 1.3   | 3043.1 | 66     | 0.9   | 3022   | 138   | 1.1   | 3033   | 2298.5 | 2139.4 | 2220.8 |
| Falls             | 1-4   | 675             | 12.5  | 7208.5 | 522    | 7.5   | 5783.9 | 1197  | 9.7   | 6509.3 | 4871.2 | 3721.2 | 4309.7 |
| Falls             | 5-14  | 1125            | 20.9  | 4064.9 | 974    | 14    | 3690.7 | 2099  | 17    | 3882.2 | 2855   | 2404.1 | 2634.8 |
| Falls             | 15-24 | 726             | 13.5  | 2700.1 | 586    | 8.4   | 2246.6 | 1312  | 10.6  | 2476.8 | 1570.9 | 1323.5 | 1449.9 |
| Falls             | 25-34 | 370             | 6.9   | 1827.1 | 405    | 5.8   | 2069   | 775   | 6.3   | 1946   | 1048.4 | 1303.4 | 1173.8 |
| Falls             | 35-44 | 516             | 9.6   | 1807.4 | 543    | 7.8   | 1912.7 | 1059  | 8.6   | 1859.9 | 1084.2 | 1357.6 | 1220.2 |
| Falls             | 45-54 | 436             | 8.1   | 1651.6 | 522    | 7.5   | 1995.9 | 958   | 7.8   | 1823   | 1116   | 1610.3 | 1364.2 |
| Falls             | 55-64 | 263             | 4.9   | 1471.2 | 473    | 6.8   | 2596.5 | 736   | 6     | 2039.2 | 1337.7 | 1976.8 | 1664.3 |
| Falls             | 65-74 | 417             | 7.7   | 3088.2 | 663    | 9.5   | 4282.4 | 1080  | 8.7   | 3726.1 | 2151.5 | 3581   | 2926.8 |
| Falls             | 75-84 | 503             | 9.3   | 5968.9 | 1050   | 15.1  | 8679.8 | 1553  | 12.6  | 7566.8 | 4355.2 | 7355   | 6138.2 |
| Falls             | 85+   | 287             | 5.3   | 11277  | 1164   | 16.7  | 17115  | 1451  | 11.7  | 15525  | 10070  | 14640  | 13320  |
| <b>Total</b>      |       | 5390            | 100.0 | 2946.0 | 6968   | 100.0 | 3235.0 | 12358 | 100.0 | 3093.0 | 2013.8 | 2349.3 | 2184.0 |
| Cut/Pierce        | <1    | 6               | 0.2   | 253.6  | 6      | 0.5   | 274.7  | 12    | 0.3   | 263.7  | 228.7  | 185.5  | 207.6  |
| Cut/Pierce        | 1-4   | 94              | 3.9   | 1003.8 | 68     | 5.8   | 753.5  | 162   | 4.5   | 881    | 925.2  | 609.5  | 771.1  |
| Cut/Pierce        | 5-14  | 388             | 16    | 1401.9 | 193    | 16.5  | 731.3  | 581   | 16.2  | 1074.6 | 1033.2 | 615.8  | 829.4  |
| Cut/Pierce        | 15-24 | 547             | 22.6  | 2034.4 | 228    | 19.4  | 874.1  | 775   | 21.6  | 1463   | 1399.6 | 650.1  | 1032.9 |
| Cut/Pierce        | 25-34 | 404             | 16.7  | 1995   | 172    | 14.7  | 878.7  | 576   | 16    | 1446.3 | 1138.4 | 596.8  | 872.2  |
| Cut/Pierce        | 35-44 | 393             | 16.2  | 1376.6 | 220    | 18.8  | 774.9  | 613   | 17.1  | 1076.6 | 861.0  | 517.5  | 690.1  |
| Cut/Pierce        | 45-54 | 279             | 11.5  | 1056.9 | 130    | 11.1  | 497.1  | 409   | 11.4  | 778.3  | 650.7  | 401.2  | 525.4  |
| Cut/Pierce        | 55-64 | 146             | 6     | 816.7  | 69     | 5.9   | 378.8  | 215   | 6     | 595.7  | 555.0  | 309.7  | 429.6  |
| Cut/Pierce        | 65-74 | 98              | 4     | 725.8  | 42     | 3.6   | 271.3  | 140   | 3.9   | 483    | 582.4  | 266.5  | 411.1  |
| Cut/Pierce        | 75-84 | 56              | 2.3   | 664.5  | 39     | 3.3   | 322.4  | 95    | 2.6   | 462.9  | 448.3  | 214.8  | 309.5  |
| Cut/Pierce        | 85+   | 10              | 0.4   | 392.9  | 6      | 0.5   | 88.2   | 16    | 0.4   | 171.2  | 333.7  | 194.8  | 234.9  |
| <b>Total</b>      |       | 2421            | 100.0 | 1337.1 | 1173   | 100.0 | 562.1  | 3594  | 100.0 | 989.0  | 893.0  | 492.5  | 689.8  |
| Struck by/against | 0-1   | 15              | 0.4   | 634    | 17     | 0.9   | 778.4  | 32    | 0.6   | 703.3  | 836    | 692.9  | 766.1  |
| Struck by/against | 1-4   | 308             | 7.9   | 3289.2 | 160    | 8.3   | 1772.9 | 468   | 8.1   | 2545   | 2812.4 | 1729.5 | 2283.7 |
| Struck by/against | 5-14  | 1049            | 26.9  | 3790.3 | 576    | 30    | 2182.6 | 1625  | 28    | 3005.5 | 2919.3 | 1521.6 | 2236.7 |
| Struck by/against | 15-24 | 1284            | 33    | 4775.4 | 471    | 24.6  | 1805.7 | 1755  | 30.2  | 3313.1 | 3069.3 | 1161.5 | 2135.8 |
| Struck by/against | 25-34 | 450             | 11.6  | 2222.1 | 193    | 10.1  | 986    | 643   | 11.1  | 1614.5 | 1212   | 676.9  | 948.9  |
| Struck by/against | 35-44 | 345             | 8.9   | 1208.4 | 206    | 10.7  | 725.6  | 551   | 9.5   | 967.7  | 854.1  | 527.3  | 691.6  |
| Struck by/against | 45-54 | 222             | 5.7   | 840.9  | 121    | 6.3   | 462.7  | 343   | 5.9   | 652.7  | 574.9  | 385.7  | 479.9  |
| Struck by/against | 55-64 | 92              | 2.4   | 514.7  | 61     | 3.2   | 334.9  | 153   | 2.6   | 423.9  | 414.7  | 291.2  | 351.6  |
| Struck by/against | 65-74 | 66              | 1.7   | 488.8  | 43     | 2.2   | 277.7  | 109   | 1.9   | 376.1  | 415.7  | 292.7  | 349    |
| Struck by/against | 75-84 | 38              | 1     | 450.9  | 46     | 2.4   | 380.3  | 84    | 1.4   | 409.3  | 415.6  | 363.7  | 384.7  |
| Struck by/against | 85+   | 24              | 0.6   | 943    | 23     | 1.2   | 338.2  | 47    | 0.8   | 502.9  | 507.4  | 519.4  | 516    |
| <b>Total</b>      |       | 3893            | 100.0 | 2127.7 | 1917   | 100.0 | 1060.8 | 5810  | 100.0 | 1585.0 | 1488.5 | 786.4  | 1132.3 |
| Overexertion      | <1    | 1               | 0.1   | 42.3   | 5      | 0.4   | 228.9  | 6     | 0.2   | 131.9  | 111.1  | 156.8  | 133.4  |
| Overexertion      | 1-4   | 29              | 1.9   | 309.7  | 49     | 4.2   | 542.9  | 78    | 2.9   | 424.2  | 352.6  | 519.6  | 434.1  |
| Overexertion      | 5-14  | 140             | 9.3   | 505.9  | 143    | 12.3  | 541.9  | 283   | 10.6  | 523.4  | 537.1  | 610.3  | 572.9  |
| Overexertion      | 15-24 | 397             | 26.4  | 1476.5 | 258    | 22.1  | 989.1  | 655   | 24.5  | 1236.5 | 1317.5 | 1024.1 | 1173.9 |
| Overexertion      | 25-34 | 223             | 14.8  | 1101.2 | 148    | 12.7  | 756.1  | 371   | 13.9  | 931.6  | 952.4  | 828.7  | 891.6  |
| Overexertion      | 35-44 | 319             | 21.2  | 1117.4 | 181    | 15.5  | 637.6  | 500   | 18.7  | 878.1  | 817.7  | 677.3  | 747.9  |
| Overexertion      | 45-54 | 219             | 14.5  | 829.6  | 177    | 15.2  | 676.8  | 396   | 14.8  | 753.5  | 616.4  | 572.9  | 594.5  |
| Overexertion      | 55-64 | 104             | 6.9   | 581.8  | 89     | 7.6   | 488.6  | 193   | 7.2   | 534.7  | 426.6  | 433.8  | 430.3  |
| Overexertion      | 65-74 | 43              | 2.9   | 318.4  | 60     | 5.1   | 387.5  | 103   | 3.9   | 355.4  | 356.1  | 445.4  | 404.6  |
| Overexertion      | 75-84 | 25              | 1.7   | 296.7  | 33     | 2.8   | 272.8  | 58    | 2.2   | 282.6  | 311.8  | 419.9  | 376.0  |
| Overexertion      | 85+   | 6               | 0.4   | 235.8  | 24     | 2.1   | 352.9  | 30    | 1.1   | 321    | 236.9  | 387.2  | 343.8  |
| <b>Total</b>      |       | 1506            | 100.0 | 827.7  | 1167   | 100.0 | 632.6  | 2673  | 100.0 | 728.0  | 705.5  | 635.6  | 679.2  |

Source: Hospital Discharge Data 1999-2003

Rates are per 100,000 population are age-adjusted to the 2000 U.S. standard population