

Local Health Department Coverage Area

INJURY REPORT, 1999-2003

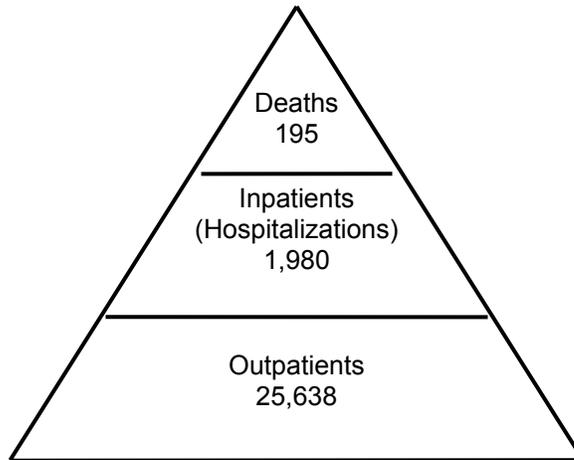
Central District Health Department Coverage Area

(Hall, Hamilton and Merrick Counties)

Summary

Injury is a public health problem in the Central District Health Department (CDHD) coverage area. Overall, injury is the fourth leading cause of death (*Table D1*). From 1999-2003, in addition to nearly 200 injury deaths, nearly 2,000 residents in Hall, Hamilton, and Merrick Counties were hospitalized and more than 25,600 residents were treated at hospitals for injuries (*Figure A*). Overall, motor vehicle crashes were the leading cause of injury death. Falls were second, followed by suicide. In contrast to deaths, falls were the leading cause of injury hospital discharges, struck by or against were second, followed by cut/pierce, motor vehicle crashes, and overexertion.

Figure A: Injury Pyramid, Residents of Central 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 15-29, most were due to injuries. Therefore, more years of potential life were lost due to injuries. Males were more than twice as likely as females to die from an injury. Additionally, teens and young adults were more likely to die from motor vehicle crashes while older adults were more likely to die from fall injuries.

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

Table A: Injury Death Rates, Central District Health Department Coverage Area, NE, 2003

Cause of Death	Age-adjusted Rate 2003	2010 Nebraska Objective (rate per 100,000 population)
Unintentional Injury	33.3	19.4
Fall	6.4	3.5
Motor vehicle crash	9.7	12.0
Suicide	6.7	8.2

Source: DHHS Death Certificate Data

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 CDHD (*Table D1*).

**Table D1: Five Leading Causes of Death,
Central District Health Department Coverage Area, 1999-2003**

Rank	Cause	Total Number of Death
1	Heart Disease	875
2	Cancer	708
3	Stroke	243
4	Injury	181
5	Chronic Lung Disease	165

Source: DHHS Death Certificate Data, 1999-2003

- An average of 36 residents died from injury each year from 1999 to 2003 (*Table D2*).
- Deaths due to injury made up 5.3% of total deaths in the CDHD area compared to 6% of deaths in Nebraska. In the CDHD counties, 84% of all deaths among 15-19 year olds and 80% of deaths among 20-24 year olds were due to injuries (*Table D2*).

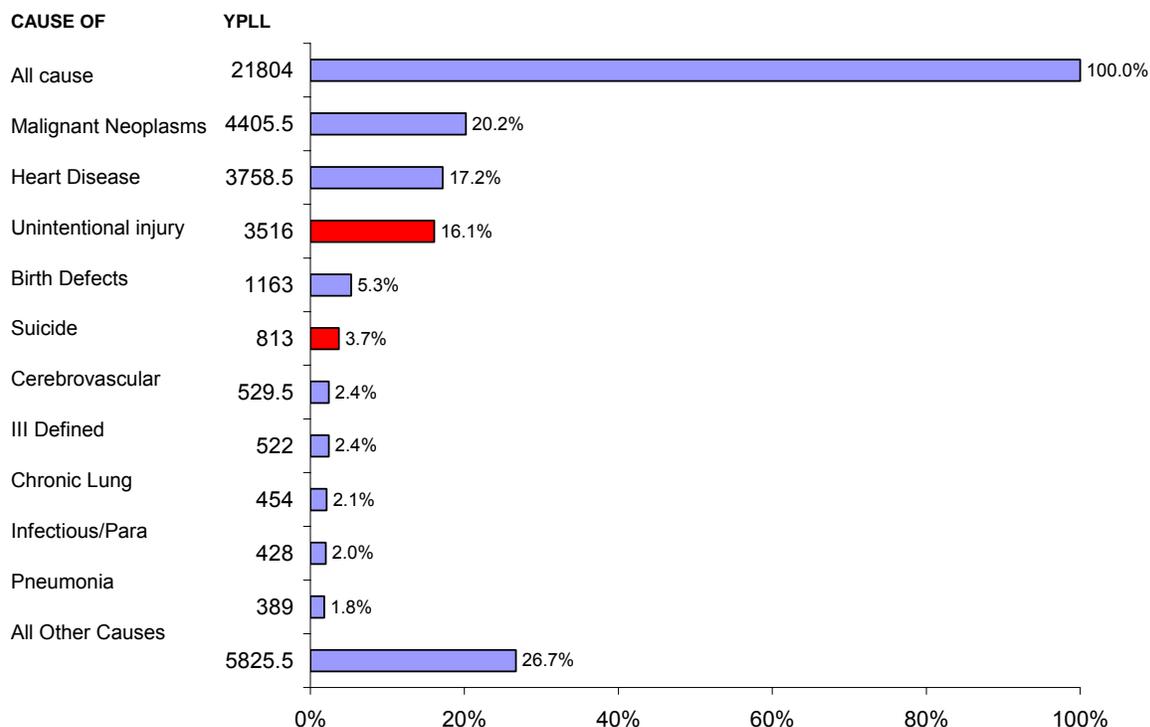
**Table D2: Injury Deaths as a Percent of All Deaths by Age,
Central District Health Department Coverage Area, NE, 1999-2003**

Age Group	Annual Average		Percent of Death	
	Injury Deaths	Injury Deaths	All Deaths	due to Injury
<1	0	0	41	0.0
1-4	4	1	9	44.4
5-9	1	0	3	33.3
10-14	3	1	6	50.0
15-19	16	3	19	84.2
20-24	12	2	15	80.0
25-29	12	2	18	66.7
30-34	11	2	24	45.8
35-39	8	2	27	29.6
40-44	11	2	48	22.9
45-49	9	2	64	14.1
50-54	12	2	106	11.3
55-59	5	1	111	4.5
60-64	7	1	129	5.4
65-74	11	2	544	2.0
75-84	35	7	1,011	3.5
85+	24	5	1,210	2.0
Total	181	36	3,385	5.3

Source: DHHS Death Certificate Data, 1999-2003

- Years of Potential Life Lost (YPLL) from unintentional injury ranked third (16.1%), following those from cancer (20.2%) and heart disease (17.2%). Suicide ranked 5th at 3.7% (Figure D1).

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



- The counties served by CDHD had a higher unintentional injury rate (39.1 per 100,000), but lower suicide rate (8.3 per 100,000), and homicide rate (1.8 per 100,000) than Nebraska rates (33.3, 10.6, and 3.2 per 100,000 respectively) (Table D3). The CDHD has not met the 2010 Nebraska Objective of 19.4 or fewer unintentional injury deaths per 100,000 population.

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

Intent	Male			Female			Total			State	
	N	%	Rate	N	%	Rate	N	%	Rate	N	% Rate
Unintentional	92	73.6	54.1	54	77.1	24.4	146	74.9	39.1	3,020	33.3
Suicide	25	20.0	14.4	4	5.7	*	29	14.9	8.3	894	10.6
Homicide	3	2.4	*	3	4.3	*	6	3.1	1.8	273	3.2
Undetermined	2	1.6	*	3	4.3	*	5	2.6	1.2	139	1.6
Legal/War	1	0.8	*	1	1.4	*	2	1.0	*	10	0.1
Adverse Effects	2	1.6	*	5	7.1	2.3	7	3.6	1.8	93	1.0
Total	125	100.0	73.3	70	100.0	32.7	195	100.0	52.8	4,429	100.2 48.9

Source: DHHS Death Certificate Data, 1999-2003

* Fewer than five deaths

- More males (64%) died from all injury-related causes than females (36%) (*Table D4*).

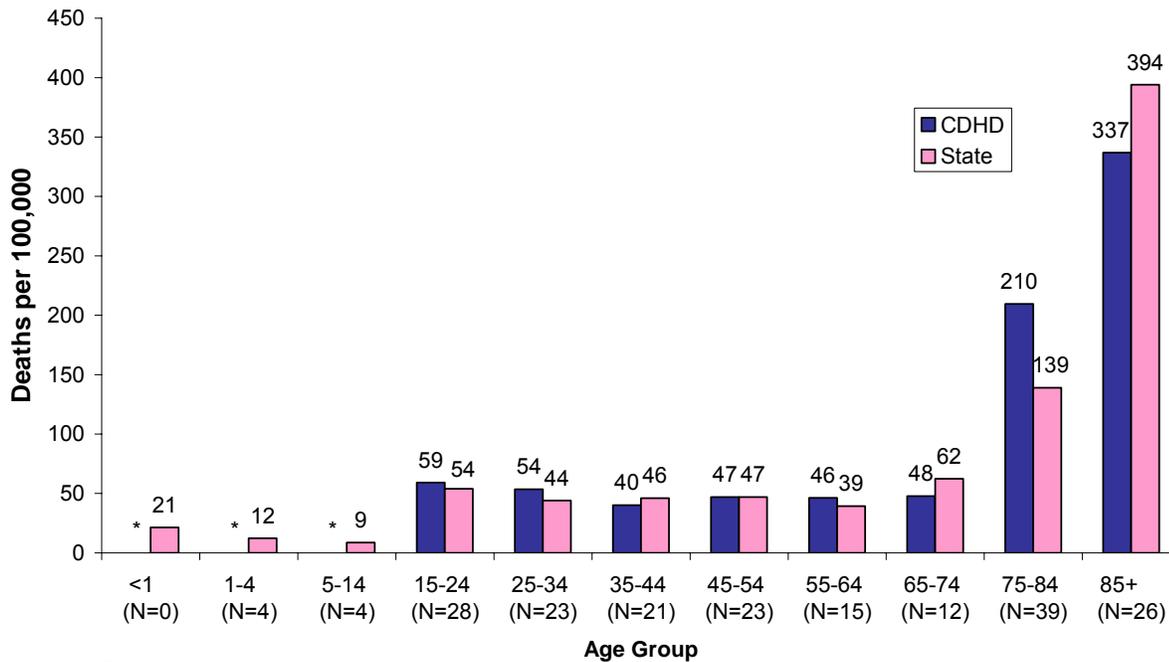
Table D4: Injury-related Deaths and Hospital Discharges by Gender, Age, and Race
Central District Health Department Coverage Area, NE, 1999-2003

	Central HD				State			
	Deaths		Hospital Discharges		Deaths		Hospital Discharges	
	N	%	N	%	N	%	N	%
Gender								
Male	125	64.1	15,023	54.4	2,848	64.3	386,563	53.1
Female	70	35.9	12,595	45.6	1,581	35.7	341,506	46.9
Total	195	100.0	27,618	100.0	4,429	100.0	728,069	100.0
Age								
<1	0	0.0	318	1.2	26	0.6	7,142	1.0
1-4	4	2.1	2,859	10.4	58	1.3	59,764	8.2
5-14	4	2.1	4,815	17.4	107	2.4	122,382	16.8
15-24	28	14.4	5,472	19.8	699	15.8	144,001	19.8
25-34	23	11.8	3,370	12.2	486	11.0	84,574	11.6
35-44	21	10.8	3,029	11.0	593	13.4	84,445	11.6
45-54	23	11.8	2,233	8.1	547	12.4	66,321	9.1
55-64	15	7.7	1,474	5.3	292	6.6	39,540	5.4
65-74	12	6.2	1,338	4.8	355	8.0	40,555	5.6
75-84	39	20.0	1,486	5.4	575	13.0	45,135	6.2
85+	26	13.3	1,224	4.4	691	15.6	34,222	4.7
Total	195	100.0	27,618	100.0	4,429	100.0	728,081	100.0
Race								
Asian	0	0.0			29	0.7		
African American	1	0.5			194	4.4		
Native American	1	0.5			72	1.6		
White	192	98.5			4,123	93.1		
Other	1	0.5			11	0.3		
Total	195	100.0			4,429	100.0		

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

- Injury death rates were low for children, remained constant among residents age 15 to 64, then sharply increased for older adults 75 or older. (*Figure D2*).

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



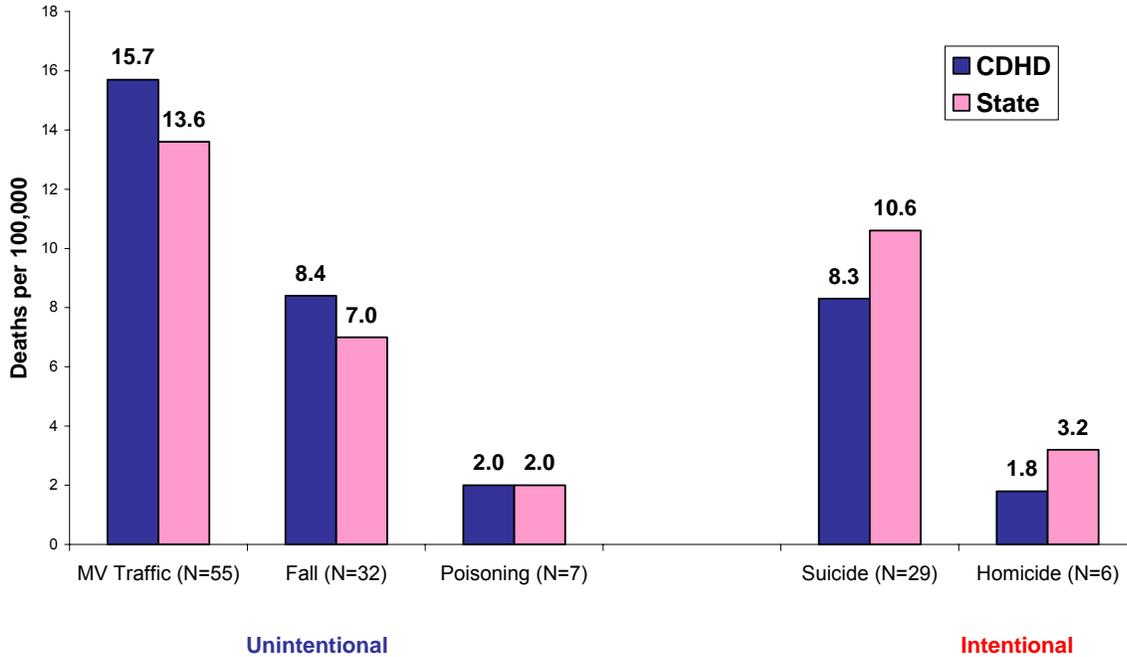
* Fewer than five deaths

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 15.7 per 100,000. The rate was slightly higher than the Nebraska rate (13.6 per 100,000) (Figure D3). The CDHD has not met the 2010 Nebraska Objective of 12.0 or fewer motor vehicle crash injury deaths per 100,000 population.
- Falls were the second leading cause of injury death. The age-adjusted death rate due to falls was slightly higher than the Nebraska rate (8.4 vs. 7.0 per 100,000) (Figure D3). The CDHD has not met the 2010 Nebraska Objective of 3.5 or fewer fall injury deaths per 100,000 population.
- Suicide was the third leading cause of injury death. The age-adjusted death rate for suicide was lower than the Nebraska rate (8.3 vs. 10.6 per 100,000) (Figure D3).

**Figure D3: Age-adjusted Injury Rates by Cause
Central District Health Department, NE, 1999-2003**



Source: DHHS Death Certificate Data 1999-2003

Age

- Motor vehicle crash deaths happened in nearly all age groups. However, persons age 15-24 years (N=19) were most likely to die because of a motor vehicle crash (*Table D5*).
- More than 81% of the deaths (N=26) due to fall injuries were among persons 75 years and older (*Table D6*).
- Those in the 45-54 year age group had the most deaths (N=7) due to suicide (*Table D7*).

Gender

- More males (N=39) died from motor vehicle crashes than females (N=16) (*Table D5*).
- More males (N=22) died from fall injuries than females (N=10) (*Table D6*).
- The number of males (N=24) who died from suicide was six times higher than the number of females (N=4) (*Table D7*).

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

Age	Male		Female		Total	
	N	%	N	%	N	%
1-4	1	2.6	0	0.0	1	1.8
5-14	1	2.6	0	0.0	1	1.8
15-24	15	38.5	4	25.0	19	34.5
25-34	6	15.4	3	18.8	9	16.4
35-44	6	15.4	2	12.5	8	14.5
45-54	4	10.3	1	6.3	5	9.1
55-64	1	2.6	2	12.5	3	5.5
65-74	1	2.6	1	6.3	2	3.6
75-84	3	7.7	2	12.5	5	9.1
85+	1	2.6	1	6.3	2	3.6
Total	39	100.0	16	100.0	55	100.0

Source: DHHS Death Certificate Data, 1999-2003

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

Age	Male		Female		Total	
	N	%	N	%	N	%
35-44	1	4.5	0	0.0	1	3.1
55-64	2	9.1	0	0.0	2	6.3
65-74	1	4.5	2	20.0	3	9.4
75-84	11	50.0	3	30.0	14	43.8
85+	7	31.8	5	50.0	12	37.5
Total	22	100.0	10	100.0	32	100.0

Source: DHHS Death Certificate Data, 1999-2003

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

Age	Male		Female		Total	
	N	%	N	%	N	%
5-14	1	4.2	0	0.0	1	3.6
15-24	3	12.5	0	0.0	3	10.7
25-34	2	8.3	1	25.0	3	10.7
35-44	5	20.8	0	0.0	5	17.9
45-54	5	20.8	2	50.0	7	25.0
55-64	4	16.7	1	25.0	5	17.9
65-74	2	8.3	0	0.0	2	7.1
75-84	2	8.3	0	0.0	2	7.1
85+	1	4.2	0	0.0	1	3.6
Total	24	100.0	4	100.0	28	100.0

Source: DHHS Death Certificate Data, 1999-2003

Hospital discharges

Overall

- The Central District Health Department coverage area had a lower unintentional injury hospital discharge rate (7,252 per 100,000), higher suicide attempt rate (93 per 100,000), and lower assault rate (178 per 100,000) when compared to Nebraska rates (7,610, 75, and 204 per 100,000 respectively) (*Table H1*).
- More males (14,770) than females (12,310) were treated at a hospital for all injury-related causes (*Table H1*).

Table H1: Injury Hospital Discharges, Percentage, and Age-adjusted Rates, Central District Health Department, NE, 1999-2003

Intent	Males			Females			Total			State		
	N	%	Rate	N	%	Rate	N	%	Rate	N	%	Rate
Unintentional	14,260	96.5	8,094.6	11,821	96.0	6,426.6	26,081	96.3	7,252.2	665,407	95.9	7,609.6
Suicide	107	0.7	63.0	203	1.6	122.5	310	1.1	93.0	6,379	0.9	75.0
Homicide	349	2.4	203.8	251	2.0	153.1	600	2.2	178.2	17,720	2.6	203.9
Undetermine	48	0.3	27.2	34	0.3	20.2	82	0.3	23.7	4,181	0.6	48.3
Other	6	0.0	3.5	1	0.0	0.6	7	0.0	2.1	404	0.1	4.7
Total	14,770	100.0	8,392.1	12,310	100.0	6,723.0	27,080	100.0	7,549.1	694,091	100.0	7,941.5

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 2,015 per 100,000. The rate was relatively lower than the Nebraska rate (2,184 per 100,000). Falls were the leading cause of hospital discharges for all age groups except the 10-14 and 15-24 year olds. (*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 the age groups 10-14 and 15-24. The age-adjusted hospital discharge rate for struck by/against was lower than the Nebraska rate (1,068 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 (833 and 690 per 100,000) (*Figure H1*).
- Motor vehicle crashes (723 per 100,000) and overexertion (641 per 100,000) were the 4th and 5th ranking causes of injury hospital discharges in the CDHD coverage area (*Figure H1*).

Table H2: Five Leading Causes of Hospital Discharges for Injury by Age, Central District Health Department Region, Nebraska, 1999-2003

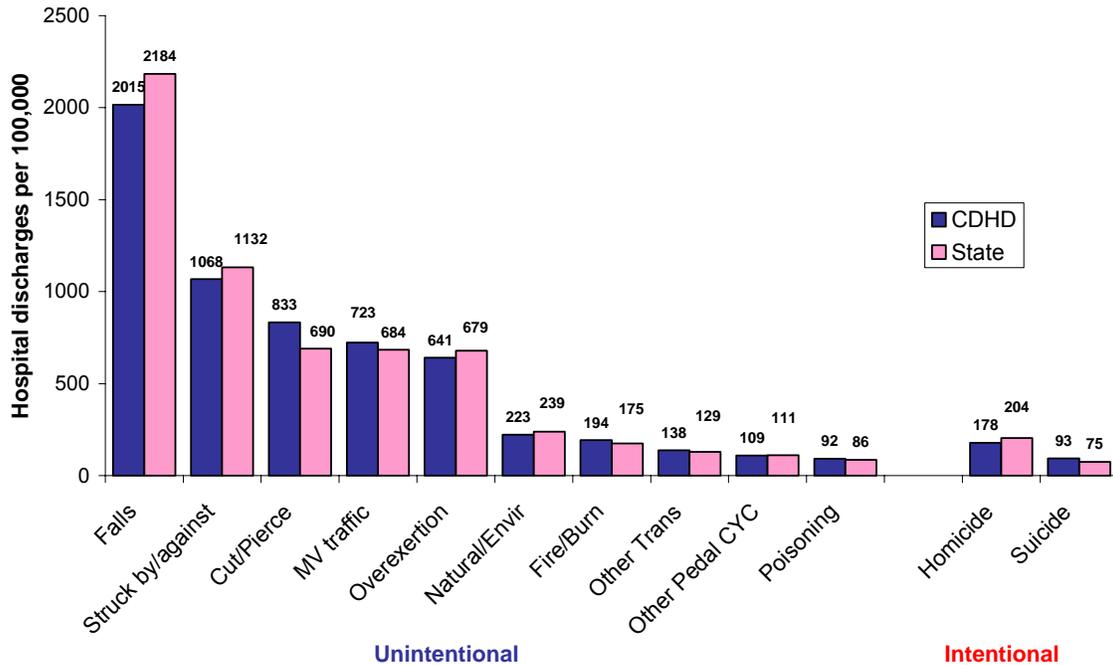
Rank	<1	1-4	5-9	10-14	15-24	25-34	35-44	45-54	55-64	65-74	75-84	84+	All Ages
1	Falls N=142	Falls N=999	Falls N=742	Struck by/against N=621	Struck by/against N=1032	Falls N=477	Falls N=550	Falls N=517	Falls N=506	Falls N=604	Falls N=908	Falls N=902	Falls N=7,653
2	Struck by/against N=30	Struck by/against N=475	Struck by/against N=442	Falls N=609	MV traffic N=863	Cut/Pierce N=453	Cut/Pierce N=428	Cut/Pierce N=289	Cut/Pierce N=171	MV traffic N=89	MV traffic N=87	MV traffic N=32	Struck by/against N=3,790
3	Fire/Burn N=25	Cut/Pierce N=267	Cut/Pierce N=264	Cut/Pierce N=267	Falls N=697	Struck by/against N=435	MV traffic N=336	MV traffic N=245	MV traffic N=120	Cut/Pierce N=76	Struck by/against N=52	Struck by/against N=24	Cut/Pierce N=2,914
4	Cut/Pierce N=17	Poisoning N=130	Other Pedal CYC N=167	Overexertion N=261	Cut/Pierce N=619	Overexertion N=408	Overexertion N=326	Overexertion N=221	Struck by/against N=109	Overexertion N=69	Cut/Pierce N=48	Overexertion N=24	MV traffic N=2,492
5	Poisoning N=13	Natural/Envir N=127	Natural/Envir N=112	MV traffic N=144	Overexertion N=572	MV traffic N=402	Struck by/against N=313	Struck by/against N=200	Overexertion N=102	Struck by/against N=57	Overexertion N=46	Cut/Pierce N=15	Overexertion N=2,220

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: Nebraska Hospital Discharge Data, 1999-2003

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



Source: Nebraska Hospital Discharge Data 1999-2003

Age

- Persons ages 85 and older had the highest hospital discharge rate for falls. Females in this age group had a higher rate than males (12,759 vs. 9,038 per 100,000) (*Table H3*).
- Among children ages 14 and under, the 1-4 year age group had the second highest fall injury hospital discharge rate after the 85 and older age group. This age group had a fall injury rate higher than the Nebraska rate (4,908 vs. 4,310). (*Table H3*).
- The 1-4 year age group had the highest hospital discharge rate (2,334 per 100,000) for struck by/against, which was higher than the Nebraska rate (2,284 per 100,000). The rate was second highest for ages 15-24 at 2,179 per 100,000 (*Table H3*).
- The hospital discharge rates for cutting/piercing injuries was highest for the 1-4 year age group (1,312 per 100,000) (*Table H3*).
- Hospital discharge rates for motor vehicle crash injuries (1,822 per 100,000) and overexertion (1,208 per 100,000) were the highest for persons in the 15-24 year age group (*Table H3*).

Gender:

- Females had higher injury hospital discharge rates for falls than males (2,154 vs. 1,873 per 100,000) (*Table H3*).
- Hospital discharge rates for males were almost twice as that of females for struck by/against and cutting/piercing injuries (1,418 and 1,089 vs. 726 and 583 per 100,000) (*Table H3*).
- Female motor vehicle injury hospital discharge rates were higher than male rates (755 vs. 691 per 100,000) (*Table H3*).

Table H3: Five Leading Causes of Injury Hospital Discharges, Rates by Gender and Age, Central Health Department Coverage area, NE, 1999-2003

Cause	Age	Central HD									State		
		Male			Female			Total			Rate		
		N	%	Rate	N	%	Rate	N	%	Rate	Male	Female	Total
Falls	<1	73	2.2	2650.7	69	1.6	2678.6	142	1.9	2664.2	2298.5	2139.4	2220.8
Falls	1-4	597	17.9	5783.2	402	9.3	4008	999	13.1	4908.4	4871.2	3721.2	4309.7
Falls	5-14	767	23.1	2790.2	584	13.5	2236.2	1351	17.7	2520.3	2855.0	2404.1	2634.8
Falls	15-24	371	11.2	1524.7	326	7.5	1415.2	697	9.1	1471.5	1570.9	1323.5	1449.9
Falls	25-34	207	6.2	942.8	270	6.2	1287.4	477	6.2	1111.2	1048.4	1303.4	1173.8
Falls	35-44	222	6.7	841.6	328	7.6	1262.8	550	7.2	1050.6	1084.2	1357.6	1220.2
Falls	45-54	201	6	825.1	316	7.3	1285.6	517	6.8	1056.4	1116.0	1610.3	1364.2
Falls	55-64	214	6.4	1327.3	292	6.7	1798.8	506	6.6	1563.9	1337.7	1976.8	1664.3
Falls	65-74	195	5.9	1673	409	9.5	3037.5	604	7.9	2404.4	2151.5	3581.0	2926.8
Falls	75-84	278	8.4	3491.6	630	14.6	5916	908	11.9	4878.8	4355.2	7355.0	6138.2
Falls	85+	201	6	9037.8	701	16.2	12759	902	11.8	11687	10070.0	14640.0	13320.0
Total		3326	100.0	1873.0	4327	100.0	2154.4	7653	100.0	2015.0	2013.8	2349.3	2184.0
Struck by/against	<1	22	0.9	798.8	8	0.6	310.6	30	0.8	562.9	836	692.9	766.1
Struck by/against	1-4	297	11.8	2877.1	178	14.1	1774.7	475	12.5	2333.8	2812.4	1729.5	2283.7
Struck by/against	5-14	733	29	2666.5	330	26.1	1263.6	1063	28	1983	2919.3	1521.6	2236.7
Struck by/against	15-24	751	29.7	3086.5	281	22.2	1219.8	1032	27.2	2178.7	3069.3	1161.5	2135.8
Struck by/against	25-34	282	11.2	1284.4	153	12.1	729.5	435	11.5	1013.3	1212	676.9	948.9
Struck by/against	35-44	192	7.6	727.9	121	9.6	465.9	313	8.3	597.9	854.1	527.3	691.6
Struck by/against	45-54	119	4.7	488.5	81	6.4	329.5	200	5.3	408.6	574.9	385.7	479.9
Struck by/against	55-64	67	2.7	415.6	42	3.3	258.7	109	2.9	336.9	414.7	291.2	351.6
Struck by/against	65-74	33	1.3	283.1	24	1.9	178.2	57	1.5	226.9	415.7	292.7	349
Struck by/against	75-84	22	0.9	276.3	30	2.4	281.7	52	1.4	279.4	415.6	363.7	384.7
Struck by/against	85+	8	0.3	359.7	16	1.3	291.2	24	0.6	311	507.4	519.4	516
Total		2526	100.0	1417.5	1264	100.0	726.1	3790	100.0	1068.0	1488.5	786.4	1132.3
Cut/Pierce	<1	6	0.3	217.9	11	1.1	427	17	0.6	318.9	228.7	185.5	207.6
Cut/Pierce	1-4	164	8.6	1588.7	103	10.2	1026.9	267	9.2	1311.8	925.2	609.5	771.1
Cut/Pierce	5-14	325	17.1	1182.3	206	20.4	788.8	531	18.2	990.6	1033.2	615.8	829.4
Cut/Pierce	15-24	438	23	1800.1	181	18	785.7	619	21.2	1306.8	1399.6	650.1	1032.9
Cut/Pierce	25-34	321	16.8	1462.1	132	13.1	629.4	453	15.5	1055.3	1138.4	596.8	872.2
Cut/Pierce	35-44	270	14.2	1023.6	158	15.7	608.3	428	14.7	817.6	861.0	517.5	690.1
Cut/Pierce	45-54	187	9.8	767.6	102	10.1	415	289	9.9	590.5	650.7	401.2	525.4
Cut/Pierce	55-64	113	5.9	700.9	58	5.8	357.3	171	5.9	528.5	555.0	309.7	429.6
Cut/Pierce	65-74	46	2.4	394.6	30	3	222.8	76	2.6	302.5	582.4	266.5	411.1
Cut/Pierce	75-84	29	1.5	364.2	19	1.9	178.4	48	1.6	257.9	448.3	214.8	309.5
Cut/Pierce	85+	7	0.4	314.7	8	0.8	145.6	15	0.5	194.4	333.7	194.8	234.9
Total		1906	100.0	1089.2	1008	100.0	582.8	2914	100.0	833.0	893.0	492.5	689.8
MV traffic	<1	1	0.1	*	2	0.2	*	3	0.1	*	128.9	121.4	125.2
MV traffic	1-4	35	2.9	339	27	2.1	269.2	62	2.5	304.6	251	229.3	240.4
MV traffic	5-14	130	10.9	472.9	123	9.5	471	253	10.2	472	400	436	417.6
MV traffic	15-24	414	34.6	1701.5	449	34.7	1949.1	863	34.6	1821.9	1444.2	1831.5	1633.7
MV traffic	25-34	198	16.5	901.8	204	15.8	972.7	402	16.1	936.5	855.6	993	923.2
MV traffic	35-44	163	13.6	617.9	173	13.4	666.1	336	13.5	641.8	607.3	708.3	657.6
MV traffic	45-54	112	9.4	459.7	133	10.3	541.1	245	9.8	500.6	476.5	523.1	499.9
MV traffic	55-64	51	4.3	316.3	69	5.3	425.1	120	4.8	370.9	346.5	441.2	394.9
MV traffic	65-74	40	3.3	343.2	49	3.8	363.9	89	3.6	354.3	327.3	382.2	357.1
MV traffic	75-84	38	3.2	477.3	49	3.8	460.1	87	3.5	467.5	402.4	393.8	397.3
MV traffic	85+	15	1.3	674.5	17	1.3	309.4	32	1.3	414.6	404.8	248.5	293.6
Total		1197	100.0	690.9	1295	100.0	754.5	2492	100.0	723.0	629.3	737.3	684.0
Overexertion	<1	2	0.2	*	4	0.4	*	6	0.3	112.6	111.1	156.8	133.4
Overexertion	1-4	40	3.6	387.5	78	7	777.7	118	5.3	579.8	352.6	519.6	434.1
Overexertion	5-14	175	15.8	636.6	153	13.7	585.8	328	14.8	611.9	537.1	610.3	572.9
Overexertion	15-24	313	28.3	1286.4	259	23.2	1124.3	572	25.8	1207.6	1317.5	1024.1	1173.9
Overexertion	25-34	194	17.5	883.6	214	19.2	1020.4	408	18.4	950.5	952.4	828.7	891.6
Overexertion	35-44	172	15.6	652.1	154	13.8	592.9	326	14.7	622.7	817.7	677.3	747.9
Overexertion	45-54	114	10.3	467.9	107	9.6	435.3	221	10	451.6	616.4	572.9	594.5
Overexertion	55-64	47	4.2	291.5	55	4.9	338.8	102	4.6	315.2	426.6	433.8	430.3
Overexertion	65-74	32	2.9	274.5	37	3.3	274.8	69	3.1	274.7	356.1	445.4	404.6
Overexertion	75-84	15	1.4	188.4	31	2.8	291.1	46	2.1	247.2	311.8	419.9	376.0
Overexertion	85+	2	0.2	*	22	2	400.4	24	1.1	311	236.9	387.2	343.8
Total		1106	100.0	635.8	1114	100.0	646.7	2220	100.0	641.0	705.5	635.6	679.2

Source: Hospital Discharge Data 1999-2003

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

* The number of hospital discharges is less than five, no rate calculated