

# Occupational Health Profile, 2008–2012

## North Central District Health Department

Antelope, Boyd, Brown, Cherry, Holt, Keya Paha, Knox, Pierce, and Rock Counties

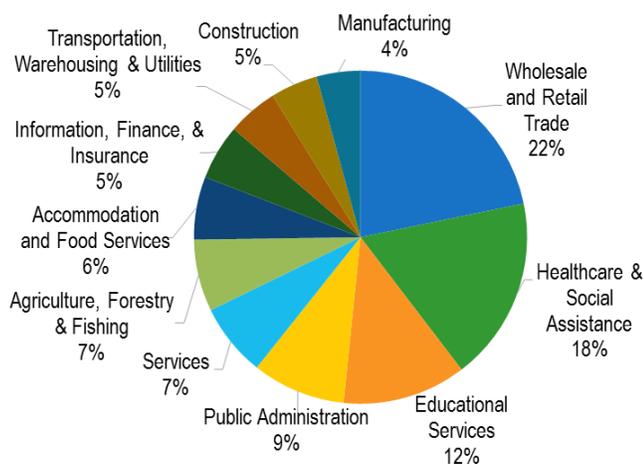
### WORK AND PUBLIC HEALTH

- Work is one the most important determinants of a persons' health.
- A safe and healthy workforce benefits Nebraska's overall health and economy.
- The Nebraska Occupational Safety and Health Surveillance Program tracks work-related injuries, illnesses and hazards.
- Occupational health surveillance helps identify worker health trends, detect emerging hazards, and develop prevention strategies with the goal of reducing work-related injuries and illnesses.

### WORKFORCE

- In 2012, there were 26,885 employed persons residing in the North Central District Health Department jurisdiction. <sup>1</sup>
- The wholesale and retail trade industry employed 22% of workers and was the largest employing sector. <sup>2</sup>

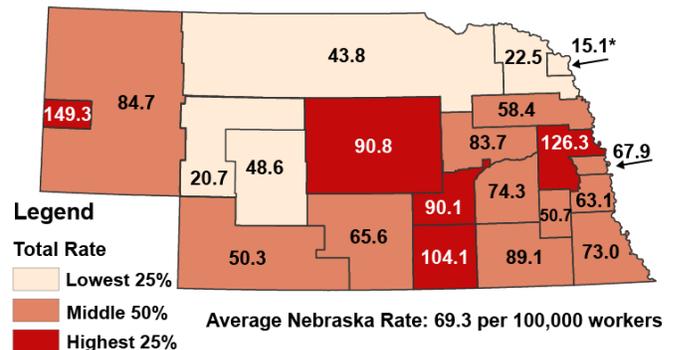
Distribution of LHD workforce by industry, 2012 <sup>2</sup>



\*LHD=Local Health Department

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Average rate of work-related inpatient hospitalizations per 100,000 workers, LHD regions, 2008–2012 <sup>3</sup>



\* Rate does not reflect patients treated in out-of-state hospitals

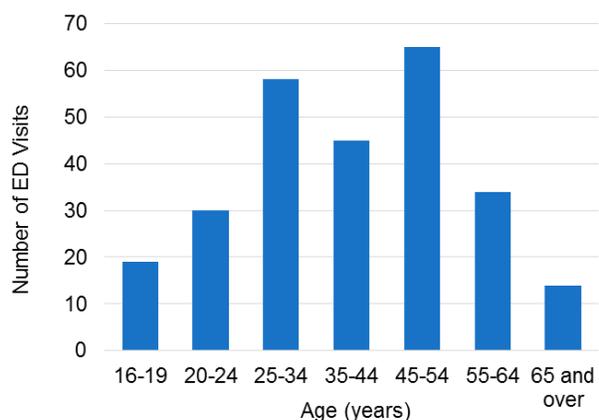
### INPATIENT HOSPITALIZATIONS

- From 2008 to 2012, there were 57 inpatient hospitalizations due to work-related injury or illness. <sup>3</sup>
- The work-related inpatient hospitalization rate was 43.8 per 100,000 workers and was lower than the overall Nebraska rate of 69.3. <sup>3</sup>

### EMERGENCY DEPARTMENT VISITS

- From 2008 to 2012, there were 265 emergency department visits due to work-related injury or illness. <sup>4</sup>
- The average work-related emergency department (ED) visit rate was 203.8 cases per 100,000 workers and was lower than the overall Nebraska rate of 716.2. <sup>4</sup>
- Workers aged 45-54 years old experienced the most work-related ED visits. <sup>4</sup>

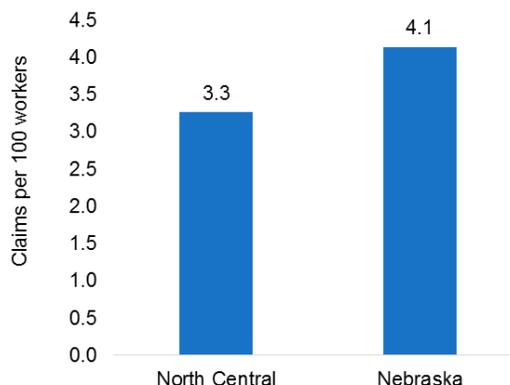
Work-related ED visits by age group, LHD, 2008–2012 <sup>4</sup>



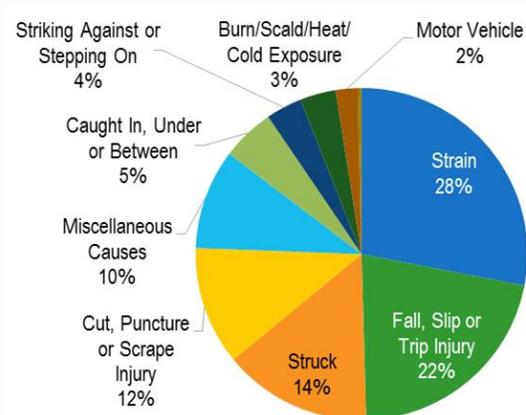
## WORKERS' COMPENSATION CLAIMS

- From 2008 to 2012, there were 4,238 injuries and illnesses reported to workers' compensation. <sup>5</sup>
- The workers' compensation claim rate was 3.3 claims per 100 workers, which was lower than the overall Nebraska rate of 4.1. <sup>5</sup>
- Strains were the most common cause of injury, representing 28% workers' compensation claims. <sup>5</sup>
- The most common types of injuries/illnesses reported were strain, laceration, and contusion. <sup>5</sup>

Average workers' compensation claim rate, LHD and Nebraska, 2008–2012 <sup>5</sup>



Percent of LHD workers' compensation claims by cause of injury, 2008–2012 <sup>5</sup>



Top 10 types of injury among LHD workers' compensation claims, Nebraska, 2008–2012 <sup>5</sup>

Type of Injury	Number	Percent
Strain	1,288	30.4
Laceration	546	12.9
Contusion	539	12.7
Specific Injuries-not classifiable	306	7.2
Sprain	270	6.4
Fracture	229	5.4
Foreign Body	211	5.0
Puncture	164	3.9
Multiple Physical Injuries	116	2.7
Burn	94	2.2

## REFERENCES

1. Nebraska Department of Labor. Employer Quarterly Unemployment Insurance Data, 2012 4<sup>th</sup> Quarter Averages.
2. U.S. Bureau of Labor Statistics, Local Area Unemployment Statistics, 2012.
3. Nebraska Hospital Association. Nebraska Hospital Discharge Data, Inpatient Hospitalizations, 2008-2012.
4. Nebraska Hospital Association. Nebraska Hospital Discharge Data, Emergency Department Visits, 2008-2012.
5. Nebraska Workers' Compensation Court, Claims Data.



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## OCCUPATIONAL HEALTH RESOURCES

National Institute for Occupational Safety and Health  
<http://www.cdc.gov/niosh/>  
 State-based Occupational Health Surveillance Clearinghouse  
<http://wwwn.cdc.gov/niosh-survapaps/statedocs/>  
 Occupational Safety and Health Administration (OSHA)  
<http://www.osha.gov>  
 Nebraska Safety Council  
<https://www.nesafetycouncil.org/>  
 Council of State and Territorial Epidemiologists (CSTE)  
<http://www.cste.org/group/OHOverview>.

## FOR MORE INFORMATION

Nebraska Department of Health and Human Services  
 Occupational Safety and Health Surveillance Program  
 Phone: 402-471-2822  
[www.dhhs.ne.gov/publichealth/occhealth/](http://www.dhhs.ne.gov/publichealth/occhealth/)