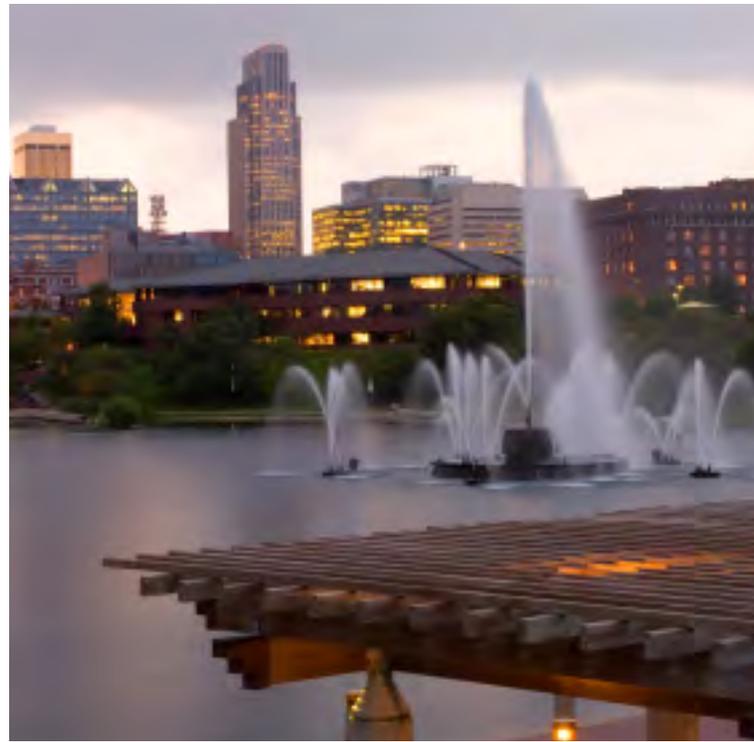


# Labor Market Regional Review

Columbus Micropolitan Statistical Area  
Released 2011





# Labor Market Regional Review

## Columbus Micropolitan Statistical Area

is a publication of

### **Nebraska Department of Labor**

Office of Labor Market Information

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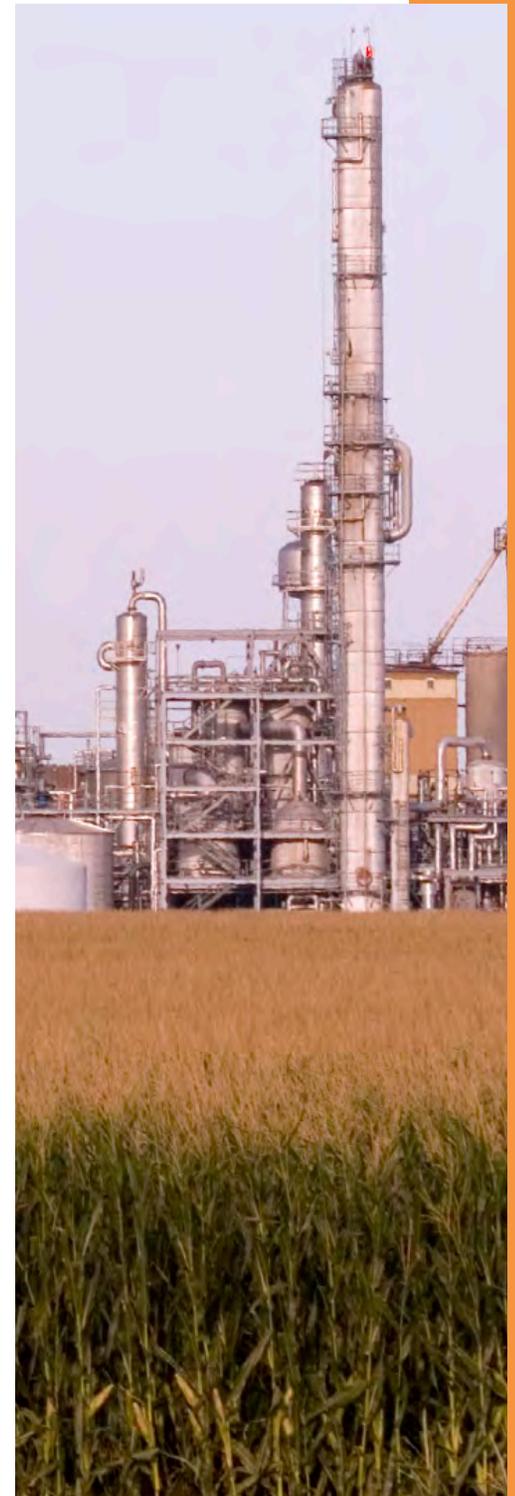
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# Getting the Most From the New NEworks Site



for Data Users

The Source for Nebraska  
Labor Market Information  
Online at

[networks.nebraska.gov/analyzer](http://networks.nebraska.gov/analyzer)

The Nebraska Department of Labor has a new website. The new site allows for fast data access in a simple and understandable format, as well as the integration of Real Time Labor Market Information. This spread is designed to help people get accustomed to the new site as well as show some of the sites new features.



## Integrated Help: ?

Need assistance understanding a data set? NEworks has help options incorporated within the site. Look for the small circular question mark to get help.

## Sort Data:

Set your preferences in the display options by selecting both the number of records you would like to view and the sort order. To resort data easily, click on the column header for the variable you wish to sort by.

To sort on any column, click a column title.

| Rank | Area Name                         | Average Weekly Wage |
|------|-----------------------------------|---------------------|
| 2    | <a href="#">Adams County</a>      | \$877               |
| 7    | <a href="#">Buffalo County</a>    | \$734               |
| 3    | <a href="#">Dakota County</a>     | \$876               |
| 8    | <a href="#">Dodge County</a>      | \$701               |
| 1    | <a href="#">Douglas County</a>    | \$992               |
| 4    | <a href="#">Lancaster County</a>  | \$798               |
| 6    | <a href="#">Platte County</a>     | \$763               |
| 9    | <a href="#">Sarpy County</a>      | \$701               |
| 10   | <a href="#">Thurston County</a>   | \$664               |
| 5    | <a href="#">Washington County</a> | \$789               |

## Export Data:

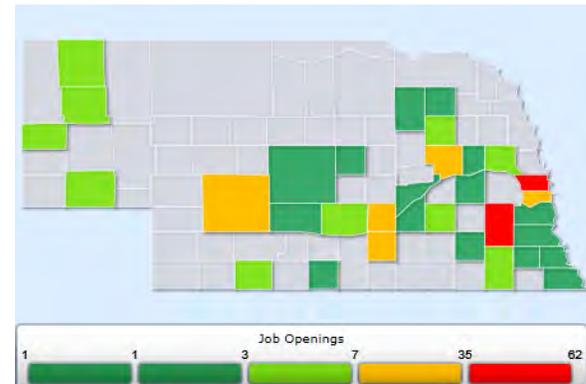
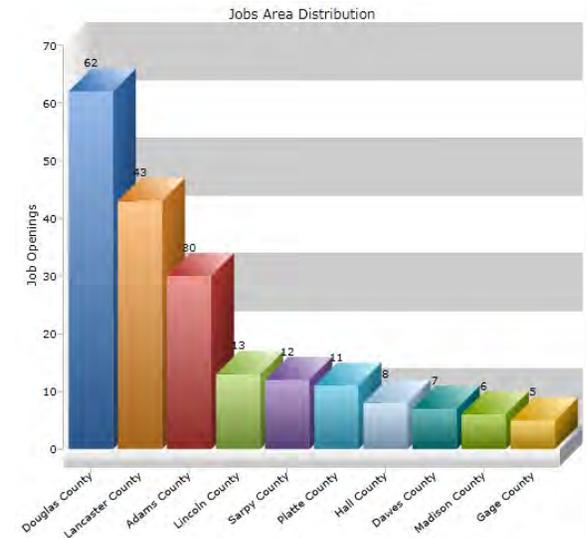
Generate your own data set and export it for further usage. Data that can be exported from NEworks will have an option at the bottom of the section and can be exported in either Excel or text format.

## Choose the Right Mode:

- **Summary mode** displays all available information for that area, industry, or occupation.
- **Narrative mode** provides an easy-to-read text summary of the data.
- **Detail mode** focuses on one specific attribute (wages, projected employment, etc.).
- **Comparison mode** allows you to choose two areas, industries, or occupations to study the different characteristics of each.

## Create Maps and Graphs:

In the display options, check the boxes for Graphs or Maps. To zoom in on maps, draw a box on it while holding down the shift key. Microsoft Silverlight must be installed in order to view these elements.



## Data Sources:

Data on the NEworks site comes from a variety of sources, including BLS programs, the US Census, and online job postings. Be aware that data from online job postings is not gathered by the Dept. of Labor and is for informational use only. Such data should not be used for analysis or reporting.

# New LMI Home Navigation Help

## A Labor Market Facts

Access the most commonly asked labor market information questions. If you have a specific question and are unsure where to start, the answer may be here. Each question has a direct link to the data that will provide you with the correct answers.

## B Area Profile

View information for the entire state of Nebraska or a specific region, county, or metropolitan area. View demographic make-up, occupation and wage information, unemployment rates, businesses, and more.

## C Occupation Profile

View data on candidates looking for a job in a specific occupation and related occupations. View the labor supply and market demand for an occupation. Find education, training and work experience, information, a summary of the typical job duties of an occupation, view employment and wage data, employment forecasts, and more.

## D Industry Profile

Search or browse for different industries. View employment data, industry and occupational projections, staffing patterns, and numbers and regions for employers in the area.

The screenshot shows the NEworks website interface. The top navigation bar includes links for Home, Register or Sign In Here, Services for Individuals, Services for Employers, and Labor Market Analysis. The left sidebar contains a navigation menu with sections for Current Data Analysis and Historic Data Analysis. The main content area is divided into four columns: Labor Market Data, Publications, Resource Library, and Career Resources. Each column contains descriptive text and a list of links to various data and resources.

A

B

C

D

E

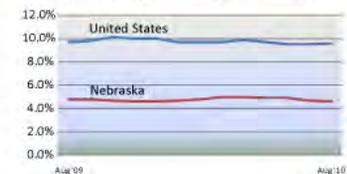
F

## Unemployment Rates

[Monthly Release](#)

|                 | Aug-10 | Jul-10 | Aug-09 |
|-----------------|--------|--------|--------|
| <b>Nebraska</b> | 4.3%   | 4.7%   | 4.6%   |
| Seasonally Adj. | 4.6%   | 4.7%   | 4.8%   |
| <b>National</b> | 9.5%   | 9.7%   | 9.6%   |
| Seasonally Adj. | 9.6%   | 9.5%   | 9.7%   |

Seasonally Adjusted Unemployment Rates



## E Employers

View site-specific information about employers in a selected area. Find specific local employer sites and their corporate headquarters, and view lists of employers based on the number of jobs they are posting.

## F Historic Data Analysis

View trends in Industry, Occupation, and Labor Force over time. Access Commuting Patterns, Population, Income, and Economic Indicators.



# Table of Contents

Contents of this publication are divided into sections shown to the right. All of the information contained in this report was compiled by the Office of Labor Market Information, Nebraska Department of Labor and is subject to change. Current information can be obtained and printed by visiting [networks.nebraska.gov/analyzer](http://networks.nebraska.gov/analyzer) or by other methods listed in the "Where to Find it" section on each page. The source of each data element is also provided on the appropriate page. Reproductions of the information contained in this report may be made as long as accurate citations are made. Contact the Office of Labor Market Information with questions or for additional information.



## Overview

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The Overview section provides a quick look at the state as well as insight into the critical issues Nebraska is facing.

## Demographic Review

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The Demographic Review section presents an overview of the population in the state. This includes a description of the general population in terms of age, race, migration and earnings.

## Educational Dynamics

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The Educational Dynamics section includes information on the educational background, educational migration and relative earnings for the state population.

## Labor Supply

Page 26

The Labor Supply section provides insight on current, historical and future trends of the labor force in the state. This includes employment, unemployment and commuting statistics.

## Compensation

Page 30

The Compensation section focuses on what workers receive in exchange for their labor. This includes wage data, income data, benefits information, as well as inflation data.

## Employment Trends

Page 38

The Employment Trends section incorporates historical information on employment by industry and occupation, location quotient analysis of the area, average annual wages by industry, and local employment dynamics.

## Projections

Page 50

The Projections section contains long-term industry and occupational projections, top High Wage, High Skill, High Demand occupations, and a list of employment projections by educational requirements.

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# OVERVIEW

## COLUMBUS MC

The Columbus Micropolitan Statistical Area (MC), consisting of Platte County, is located in the Northeast Economic Region. State Highways 91 and 22 are the main roads running east and west. U.S. Highway 81 is the main road running north and south through the area. U.S. highway 30 runs diagonally near the Platte River.

As the nation faces one of the worst economic recessions since The Great Depression, the workforce in Nebraska will need to adapt with the new economic climate. The labor market will never look the same as it did prior to the downturn, as new products and markets are likely to emerge out of the recovery. Demographically, the downturn coincided with a large shift in the makeup of the state's working population, which will likely change the landscape of Nebraska's professional world. Moving forward, technology will play a pivotal role in ensuring economic stability and growth. Increased interdependence among all industries, home and abroad, will force innovation on those who wish to stay competitive.

Manufacturing is the largest industry in Columbus, alone constituting nearly one-third of the area's employment, with 5,628 workers. Overall, employment increased by 6.2% between 2001 and 2009 while Manufacturing decreased by 6.2%. Manufacturing and Natural Resources & Mining both have location quotients considerably above 1.0, at 2.79 and 1.85, respectively. This means that the Columbus MC has a larger proportion of these types of skilled laborers when compared to the state.

The labor force in the Columbus MC grew, with a change of 3.7% between 2000 and 2010. Labor force employment increased by 433 individuals in that time period. Contributing to the labor force is a large number of commuters. More than two-fifths of the Columbus MC's workers commuted into the area from outside the MC in 2008, providing the area with a net gain of 2,915 workers from commuting. The Columbus MC unemployment rate trend often followed national trends, showing drops and increases before the state between 2000 and 2008. The MC may be more affected by national pressures due to the unusually high concentration of Manufacturing, therefore showing effects from national economic changes before the rest of the state. The 2010 area unemployment rate at 4.0% was below the statewide average at 4.7% and the national average of 9.6%.

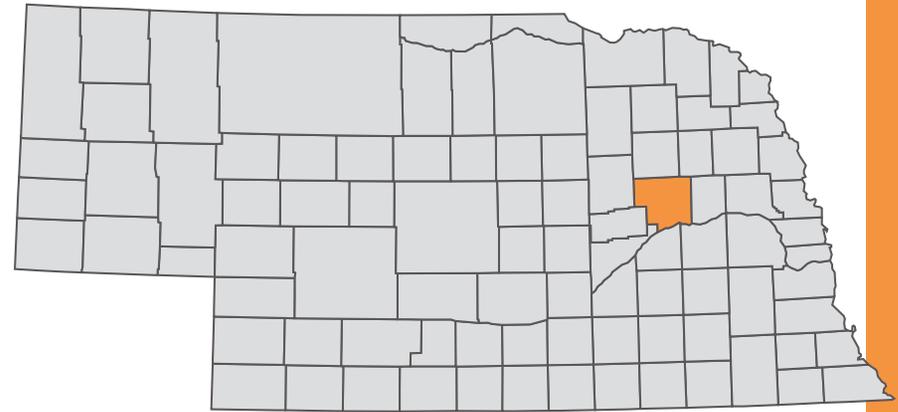
Data to support these patterns in the Columbus MC can be found on the following pages

## Quick Facts about the Columbus Labor Market

|                              | Columbus MC   | Nebraska                    |
|------------------------------|---------------|-----------------------------|
| 2010 Population              | 32,930        | 1,811,072                   |
| 2009 Population              | 32,562        | 1,794,852                   |
| Land Area (Square Miles)     | 678.1         | 76,872.4                    |
| 2010 Persons Per Square Mile | 48.6          | 23.6                        |
| 2009 Median Age              | 38.6          | 35.9                        |
| 2009 Median Household Income | \$48,359      | \$47,995                    |
| 2010 Labor Force             | 11,935        | 976,859                     |
| 2009 Industry Employment     | 18,694        | 766,555                     |
| 2009 Largest Industry        | Manufacturing | Education & Health Services |
| 2009 Largest Industry Empl.  | 5,628         | 210,063                     |

Source: Nebraska Department of Labor: Local Area Unemployment Statistics, Released 2011; Quarterly Census of Employment and Wages, Released 2010.

Source: U.S. Census Bureau: Population Estimates, Released 2011; Decennial Census, Released 2000; Small Area Income and Poverty Estimates, Released 2010



# Population Growth

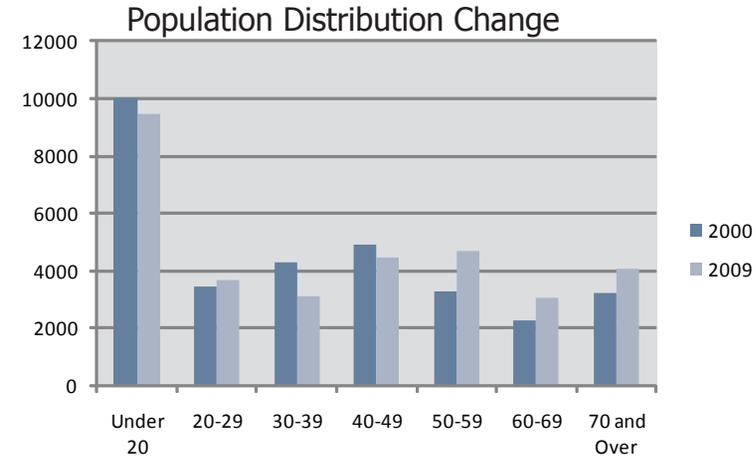
## What is it?

Population growth and decline are influenced by natural growth and migration. Overall, the Columbus MC experienced 3.2% growth between 2000 and 2009 as compared to a statewide growth of 4.9%.

While three age groups increased in population in the Columbus MC, large increases occurred in the population aged 50 to 59, with a 42.2% growth, and aged 60 to 69, with a 34.2% growth. The aging of Columbus MC's population is evident in the drop in population of those aged 30 to 49. Growth in the population aged 20 to 29 may be attributed to children of Baby Boomers reaching that age group.

Historical population trends are used to predict changes in the labor force. While the labor force is expected to increase, it will constitute a lower percentage of the population as Baby Boomers age and 20 to 59 year olds shrink proportionately.

## Population Growth by Age Group Columbus MC, 2000 and 2009



| Age          | 2000 Population | 2009 Population | Change     | Percent Change |
|--------------|-----------------|-----------------|------------|----------------|
| Under 20     | 10,046          | 9,457           | -589       | -5.9%          |
| 20-29        | 3,446           | 3,685           | 239        | 6.9%           |
| 30-39        | 4,309           | 3,140           | -1,169     | -27.1%         |
| 40-49        | 4,913           | 4,459           | -454       | -9.2%          |
| 50-59        | 3,277           | 4,659           | 1,382      | 42.2%          |
| 60-69        | 2,281           | 3,061           | 780        | 34.2%          |
| 70 and Over  | 3,249           | 4,054           | 805        | 24.8%          |
| <b>Total</b> | <b>31,521</b>   | <b>32,515</b>   | <b>994</b> | <b>3.2%</b>    |

Source: U.S. Census Bureau, Population Estimates, Released 2010

## How to use it

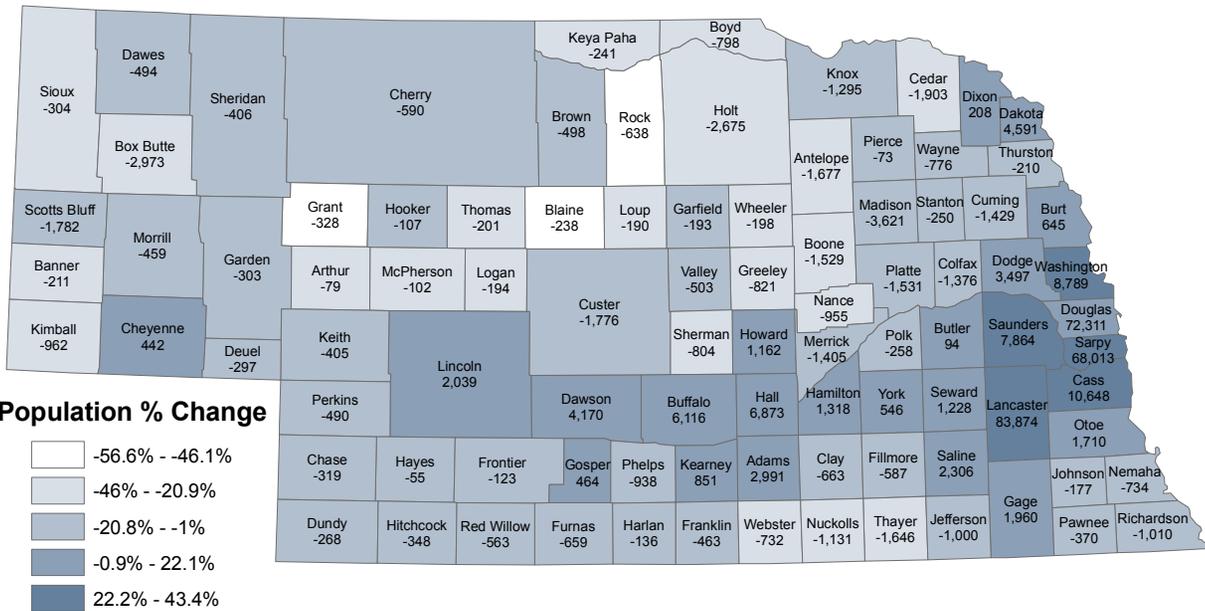
According to the U.S. Census Bureau, a Baby Boomer turns 60 every seven seconds. As Nebraska's population ages, businesses will begin replacing retiring Baby Boomers. The chart above shows there are drops in the population following the Baby Boomers. This may make it challenging for businesses to replace their retiring workers, and even harder to find the replacements with the skills and experience needed.

## Where to find it

Population estimates by age, race and sex can be found at [census.gov](http://census.gov). Choose Estimates under People & Households.



# Projected Change in Population by County 2010 to 2030



Source: University of Nebraska-Lincoln, Bureau of Business Research Population Projections, Released 2008

## Population Projections

### What is it?

Nebraska's population is projected to increase by 13.4% between 2010 and 2030. Total population is expected to be 2,065,798 in 2030. The Columbus MC is expected to have a decrease of 2,134 people (-4.9%). Platte County had the ninth highest projected numerical decline of Nebraska's 93 counties.

Twenty-six of Nebraska's 93 counties show a positive projected growth. Lancaster County is projected to have the largest increase with a change of 83,874 people (23.4%), while Madison County is projected to have the largest loss of 3,621 people (-10.4%). The largest positive percent change is projected to be in Sarpy County (43.4%) and the largest negative percent change will be in Grant County (-56.6%).

Metropolitan areas and the Interstate 80 corridor are projected to see the largest growth. Metropolitan areas are expected to see an increase of 24.3% (252,727 individuals) and non-metropolitan areas may see a change of -1.1% (a loss of 8,487 individuals) between 2010 and 2030.

### How to use it

Projecting to 2030 gives a glimpse of what Nebraska may look like in the near future. Studies have shown that Nebraskans are migrating from non-metropolitan areas to metropolitan areas. This is reflected by the large difference in the projected percent change in population between 2010 and 2030 in the metro- and non-metropolitan areas. Rural communities may benefit from recruiting new businesses to their community to effectively attract or maintain workers and families in the community.

### Where to find it

The University of Nebraska-Lincoln Bureau of Business Research's Population Projections can be found at [bbr.unl.edu](http://bbr.unl.edu).



# Older Workers

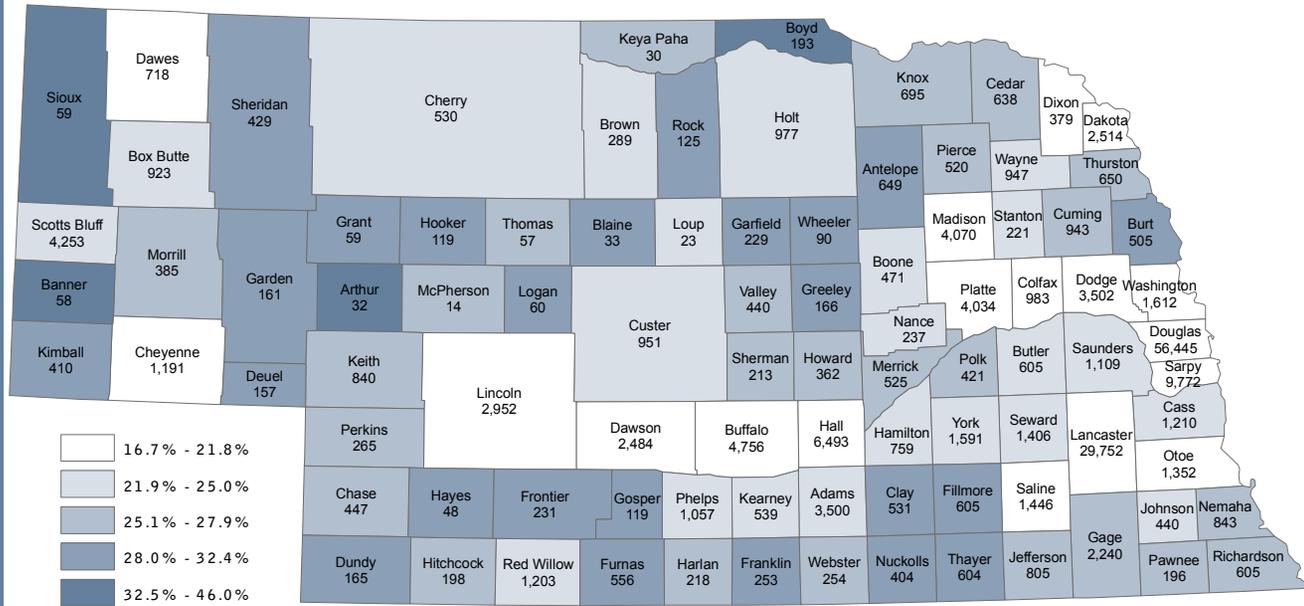
## What is it?

More than one hundred seventy five thousand workers (20.0%) are age 55 or older in Nebraska. Older workers claim a larger share of the non-metropolitan and non-metropolitan area workforce, representing 24.7%, compared to those in metropolitan areas that comprise 19.2% of the workforce.

Arthur County has the largest percentage of workers age 55 or older, at 46.0%. Buffalo County has only 16.7% of their working population age 55 or over, the lowest county percentage.

According to the Urban Institute, employers may need to rethink traditional workplace practices to attract older workers. The Current Strategies to Employ and Retain Older Workers report states, "The key issue for future employment prospects is how the business community will respond to the increased availability of older workers. Relatively few employers have actively begun to recruit older workers, primarily because they do not yet foresee worker shortages."

## Workers Age 55 and Older by County 2009



Source: U.S. Census Bureau, Local Employment Dynamics, Released 2009

## How to use it

The magic '65th' birthday is no longer looked at as the end of a career. More and more frequently, new jobs and part-time or flexible opportunities are making it possible, and even desirable, to continue working into the retirement years. According to a recent AARP survey, 68 percent of older workers said they intend to work in retirement. Although fewer retirements will increase the supply of experienced workers available, Nebraska businesses will also be challenged to adapt to an older labor force.

## Where to find it

Older worker by county and additional data from Local Employment Dynamics can be found at [lehd.did.census.gov/led/](http://lehd.did.census.gov/led/). Choose QWI Online under Tools.



## Older Workers by Industry Columbus MC, Fourth Quarter 2009

| Industry                                      | Employment   |               | % 55+        |
|---|--------------|---------------|--------------|
|   | 55+          | Total         |              |
| Agriculture, Forestry, Fishing, and Hunting   | 73           | 541           | 13.5%        |
| Mining, Quarrying, and Oil and Gas Extraction | N/A          | N/A           | N/A          |
| Utilities                                     | 193          | 735           | 26.3%        |
| Construction                                  | 179          | 942           | 19.0%        |
| Manufacturing                                 | 1,264        | 5,697         | 22.2%        |
| Wholesale Trade                               | 188          | 665           | 28.3%        |
| Retail Trade                                  | 412          | 1,923         | 21.4%        |
| Transportation and Warehousing                | 84           | 307           | 27.4%        |
| Information                                   | 23           | 119           | 19.3%        |
| Finance and Insurance                         | 151          | 473           | 31.9%        |
| Real Estate and Rental and Leasing            | 48           | 162           | 29.6%        |
| Professional and Technical Services           | 94           | 445           | 21.1%        |
| Management of Companies and Enterprises       | 6            | 34            | 17.6%        |
| Administrative and Waste Services             | 185          | 1,148         | 16.1%        |
| Educational Services                          | 384          | 1,192         | 32.2%        |
| Health care and Social Assistance             | 325          | 1,705         | 19.1%        |
| Arts, Entertainment, and Recreation           | 25           | 200           | 12.5%        |
| Accommodation and Food Services               | 112          | 1,148         | 9.8%         |
| Other Services                                | 113          | 469           | 24.1%        |
| Public Administration                         | 172          | 582           | 29.6%        |
| <b>Total</b>                                  | <b>4,034</b> | <b>18,494</b> | <b>21.8%</b> |

Source: U.S. Census Bureau, Local Employment Dynamics, Released 2009

### Where to find it

Older worker by industry and additional data from Local Employment Dynamics can be found at [lehd.did.census.gov/led/](http://lehd.did.census.gov/led/). Choose QWI Online under Tools.

### How to use it

The February 2008 Report of the Taskforce on the Aging of the American Workforce states that, "Despite the advantages older workers offer and the labor and skill shortages caused by demographic changes, older workers continue to face challenges to full participation in the labor market." These barriers include difficulty keeping pace with changing skill requirements and technology, lack of flexible work schedules offered, insufficient training opportunities and actual or perceived age discrimination by employers and coworkers.

## Aging Workforce

### What is it?

The 4,034 older workers within the Columbus MC are distributed somewhat disproportionately through the industries. Manufacturing had the most older workers of any industry, 1,264 but close to the all industry average in percent composition at 22.2%. The largest percentage of an industry that was 55 or over was in Educational Services with 32.2%. The industry that is composed of the lowest percentage of older workers was Accommodation and Food Services at only 9.8% and Management of Companies and Enterprises had the fewest older workers of any releasable industry with 6.



# Population Demographics

## What is it?

Minorities represented 15.7% of the Columbus MC population in 2010, while they represented 17.9% of the total state population. Hispanics are the largest minority group in both the MC and statewide (13.8% and 9.2%, respectively).

In the MC, 84.3% of the population reported that they were white, non-Hispanic; as compared to 82.1% for the statewide population. Nationally, white, non-Hispanics constituted only 63.7% of the population in 2010. Both the Columbus MC and the state had a much less diverse population than the United States as a whole.

The percentage of most racial groups represented in the MC was less than half of the state's percentage. This is also seen when comparing the percentage of the population of most ethnic groups represented in Nebraska to the Nation.

## Population by Race and Ethnicity Columbus MC, 2010

|   | Columbus MC |        | Nebraska  |        |
|---|-------------|--------|-----------|--------|
|   | Total       | %      | Total     | %      |
| Total:  | 32,237      | 100.0% | 1,826,341 | 100.0% |
| Hispanic or Latino (of any race)                          | 4,452       | 13.8%  | 167,405   | 9.2%   |
| Total Not Hispanic or Latino                              | 27,785      | 86.2%  | 1,658,936 | 90.8%  |
| White Alone   | 27,167      | 84.3%  | 1,499,753 | 82.1%  |
| Black or African American Alone                           | 128         | 0.4%   | 80,959    | 4.4%   |
| American Indian and Alaska Native Alone                   | 97          | 0.3%   | 14,797    | 0.8%   |
| Asian Alone   | 149         | 0.5%   | 31,919    | 1.7%   |
| Native Hawaiian and Other Pacific Islander Alone          | 6           | 0.0%   | 966       | 0.1%   |
| Two or more Races   | 201         | 0.6%   | 28,426    | 1.6%   |
| Total Minority (Population excluding non-Hispanic Whites) | 5,070       | 15.7%  | 326,588   | 17.9%  |

Source: U.S. Census Bureau, Census 2010

## How to use it

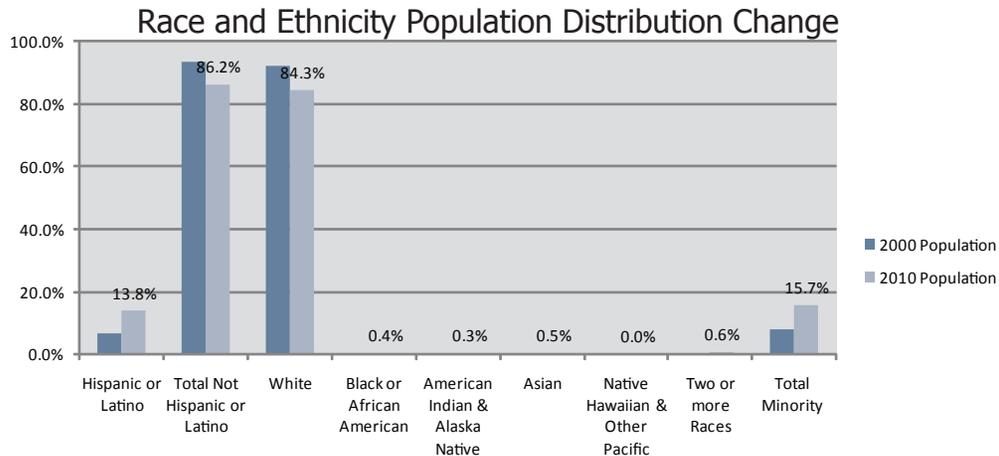
Demographic comparisons on race and ethnicity are a valuable tool for establishing the need for economic adaptation. A growing Hispanic population means that Nebraska will need to adapt to accommodate foreign-language speakers in many different areas. This could mean a growing demand for certified interpreters and translators in healthcare and school systems, as well as within businesses to accommodate a changing labor force.

## Where to find it

Population estimates by age, race and sex can be found at [census.gov](http://census.gov). Choose Estimates under People & Households.



## Population by Race and Ethnicity Columbus MC, 2010



|   | 2000 Population | 2010 Population | Change | Percent Change |
|---|-----------------|-----------------|--------|----------------|
| <b>Total:</b>   | 31,521          | 32,237          | 716    | 2.3%           |
| Hispanic or Latino (of any race)                          | 2,064           | 4,452           | 2,388  | 115.7%         |
| Total Not Hispanic or Latino                              | 29,457          | 27,785          | -1,672 | -5.7%          |
| White Alone   | 29,020          | 27,167          | -1,853 | -6.4%          |
| Black or African American Alone                           | 95              | 128             | 33     | 34.7%          |
| American Indian and Alaska Native Alone                   | 74              | 97              | 23     | 31.1%          |
| Asian Alone   | 128             | 149             | 21     | 16.4%          |
| Native Hawaiian and Other Pacific Islander Alone          | 5               | 6               | 1      | 20.0%          |
| Two or more Races   | 135             | 201             | 66     | 48.9%          |
| Total Minority (Population excluding non-Hispanic Whites) | 2,501           | 5,070           | 2,569  | 102.7%         |

Source: U.S. Census Bureau, Census 2010

### How to use it

The labor force is changing dramatically with the increase in the total minority population. The population over age 5 who spoke English less than "very well" increased by 22.1% between 2000 and 2009. A jump in the number of non-English speaking residents and workers means employers may need to spend a greater effort on recruiting and training workers. English deficiency may make it more difficult for workers to transfer knowledge and skills to a new occupation with job- or industry-specific terminology.

### Where to find it

Population estimates by age, race and sex can be found at [census.gov](http://census.gov). Choose Estimates under People & Households.

## Population Demographics

### What is it?

The Columbus MC minority populations experienced population increases between 2000 and 2010. The total minority population increased by 102.7% overall during that time period. The Hispanic or Latino population increased by 2,388 individuals, or 115.7%. The second largest percent increase was in the Two or more Races population, which grew by 48.9%, or 66 individuals.

The Columbus MC experienced an overall population growth of 2.3% between 2000 and 2010.



# Population Change

## What is it?

There are two components to population change: natural increase, consisting of births and deaths, and migration, which can be international (people coming and going from other countries), or domestic (people coming and going from other counties or states).

In the Columbus MC, there were positive changes in population due to natural increase and those coming into the area from abroad (positive international migration), but there was a net loss of people in the MC due to migration to other counties and states (negative domestic migration).

The Columbus MC's birth rate continued to outpace the death rate from 2000 to 2009. The total natural increase in population was 1,989 individuals over the nine year period.

## Population Change: Natural Increase and Migration 2000 to 2009

| Area        | Population Change | Changes Due to Natural |         |         | Net Migration |               |          |
|-------------|-------------------|------------------------|---------|---------|---------------|---------------|----------|
|             |                   | Total                  | Births  | Deaths  | Total         | International | Domestic |
| Columbus MC | 947               | 1,989                  | 4,265   | 2,276   | -954          | 495           | -1,449   |
| Nebraska    | 85,354            | 102,206                | 241,832 | 139,626 | -9,156        | 31,988        | -41,144  |

Note: Population Change includes a residual. This residual represents the change in population that cannot be attributed to any specific demographic component.

Source: U.S. Census Bureau, Population Estimates, Released 2010

## How to use it

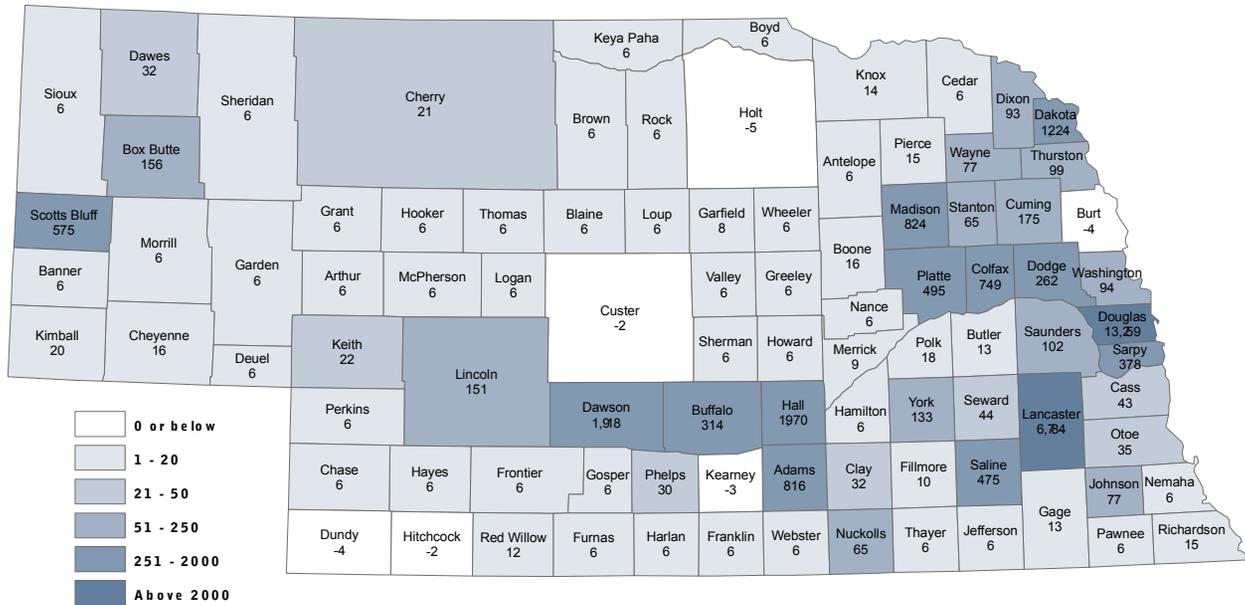
Although there was a positive increase in the area's population, most of the increase can be attributed to a high birth rate. An overall out-migration of the population shows that the area may need to work harder to retain its labor force. A total of 954 people moved from the Columbus MC to another county or state between 2000 and 2009. Migration patterns also show a counter-balancing trend of positive international migration, or people migrating into the area from outside of the United States.

## Where to find it

Population estimates by age, race and sex can be found at [census.gov](http://census.gov). Choose Estimates under People & Households.



# Change in International Migrants by County 2000 to 2009



Source: U.S. Census Bureau, Population Estimates, Released 2010

## International Migrants

### What is it?

A map of Nebraska's change in international migrants is shown to the left. The Columbus MC increased by 439 international migrants. Statewide, five Nebraska counties (Douglas, Lancaster, Hall, Dawson and Dakota) have seen an increase of more than 1,000 international in-migrants since the year 2000. Only six of Nebraska's 93 counties did not have a net increase of international in-migrants. The increase in international migrants in the Columbus MC helped to offset some of the negative domestic migration. Platte County had the ninth highest number of international migrants in the state. Overall, the state had a loss of 9,156 people from migration, with more people moving out than moving in.

Trends show that in-migrants, including international in-migrants, are choosing to locate in either the eastern one-third of the state or near Interstate 80.

### How to use it

It is important to study the state's population change over time; as the population continues to diversify and change, communities will have to address many issues that accompany change. Language and cultural barriers will need to be addressed in order for communities to continue to effectively provide education, healthcare and other services to fit the needs of the local population.

### Where to find it

Population estimates by age, race and sex can be found at [census.gov](http://census.gov). Choose Estimates under People & Households.



## Gender Distribution

### What is it?

Males and females tend to gravitate towards certain industries. Many industries show a wide gender distribution gap in the Columbus MC. Construction is the industry with the highest difference, where males constitute 87.4% of employment. Other industries with higher concentrations of males include Transportation and Warehousing (79.8% are males), Agriculture, Forestry, Fishing, and Hunting (77.2%), and Utilities (74.7%).

Healthcare and Social Assistance also has a large gender distribution gap, although women constitute the largest percentage, at 83.6% of the employment. Other industries with higher concentrations of females include Educational Services (76.5%), Finance and Insurance (68.9%), and Arts, Entertainment, and Recreation (65.5%).

## Gender Distribution by Industry Columbus MC, Fourth Quarter 2009

| Industry                                      | Female      |               | Male        |               |
|---|-------------|---------------|-------------|---------------|
|   | Employees   | % of Industry | Employees   | % of Industry |
| Agriculture, Forestry, Fishing, and Hunting   | 123         | 22.8%         | 417         | 77.2%         |
| Mining, Quarrying, and Oil and Gas Extraction | 0           | N/A           | 0           | N/A           |
| Utilities                                     | 186         | 25.3%         | 548         | 74.7%         |
| Construction                                  | 119         | 12.6%         | 822         | 87.4%         |
| Manufacturing                                 | 2013        | 35.3%         | 3685        | 64.7%         |
| Wholesale Trade                               | 176         | 26.5%         | 489         | 73.5%         |
| Retail Trade                                  | 1033        | 53.7%         | 890         | 46.3%         |
| Transportation and Warehousing                | 62          | 20.2%         | 245         | 79.8%         |
| Information                                   | 63          | 52.9%         | 56          | 47.1%         |
| Finance and Insurance                         | 326         | 68.9%         | 147         | 31.1%         |
| Real Estate and Rental and Leasing            | 98          | 60.5%         | 64          | 39.5%         |
| Professional and Technical Services           | 236         | 53.0%         | 209         | 47.0%         |
| Management of Companies and Enterprises       | 9           | 26.5%         | 25          | 73.5%         |
| Administrative and Waste Services             | 653         | 56.8%         | 496         | 43.2%         |
| Educational Services                          | 912         | 76.5%         | 280         | 23.5%         |
| Health care and Social Assistance             | 1425        | 83.6%         | 280         | 16.4%         |
| Arts, Entertainment, and Recreation           | 131         | 65.5%         | 69          | 34.5%         |
| Accommodation and Food Services               | 718         | 62.5%         | 431         | 37.5%         |
| Other Services                                | 195         | 41.5%         | 275         | 58.5%         |
| Public Administration                         | 265         | 45.5%         | 317         | 54.5%         |
| <b>Total</b>                                  | <b>8746</b> | <b>47.3%</b>  | <b>9748</b> | <b>52.7%</b>  |

Source: U.S. Census Bureau, Local Employment Dynamics, Released 2009

### How to use it

The industry gender distribution data can be used by schools and training programs to encourage students to go into non-traditional industries and occupations. A labor force that is more evenly skilled by gender may be advantageous for businesses to overcome a potential labor shortage crisis. However, it is important to keep in mind the earnings gap between males and females in traditional male industries and occupations. Encouraging women to fill traditional male positions may also contribute to reducing the wage gap.

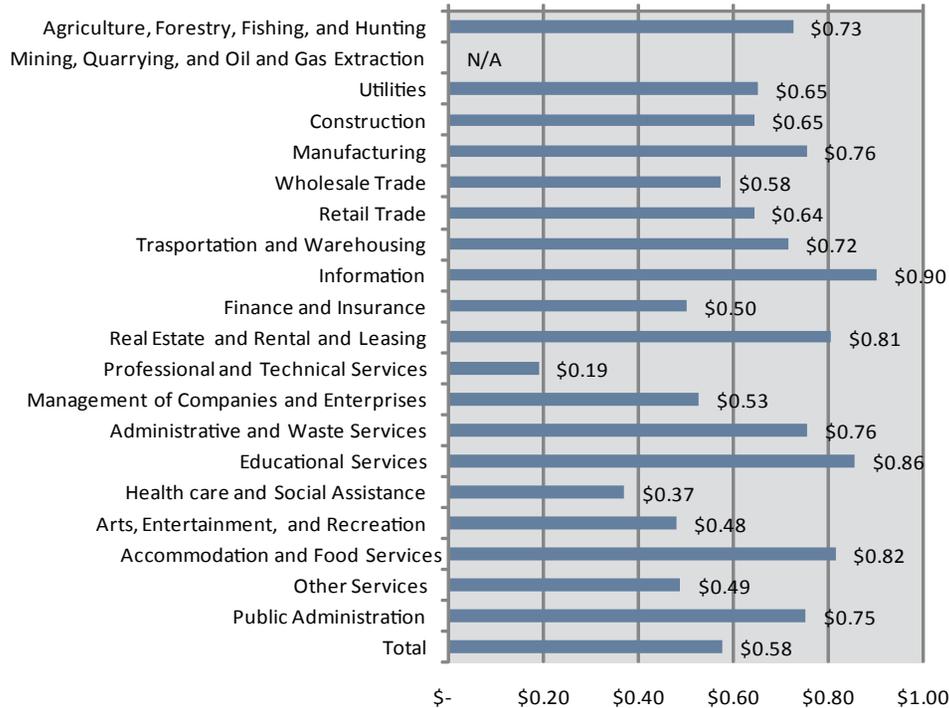
### Where to find it

Gender by industry and additional data from Local Employment Dynamics can be found at [lehd.did.census.gov/led/](http://lehd.did.census.gov/led/). Choose QWI Online under Tools.



## Earnings By Gender

### Average Earnings by Industry, Female Wage Cents on the Dollar to Male Wage Columbus MC, Fourth Quarter 2009



Source: U.S. Census Bureau, Local Employment Dynamics, Released 2009

#### What is it?

Female earnings per worker as a percentage of male earnings per worker for the fourth quarter of 2009 by industry is shown in the graph on the left, presented as cents on the dollar. Males earned a higher wage than females in every industry.

The smallest differences between average wage for males and females was in Information (\$0.90); Educational Services (\$0.86); and Accommodation and Food Services (\$0.82). The largest difference between male and female earnings was in Professional and Technical Services; where the average woman earned 19% of what males earned on average.

These wage gaps could be the result of differences in work hours, occupations, or uninterrupted years of experience with the different industries. It may also be a result of men not serving in entry wage jobs to the same degree as women in female dominated industries.

#### How to use it

The two out of the three industries with the smallest average wage gap between males and females, Mining, Quarrying, and Oil and Gas Extraction; Transportation and Warehousing; are also the two industries that employ the very small percentage of females (from page 16). The industry that had the largest gap between the average wage also had the highest concentration of women.

#### Where to find it

Gender by industry and additional data from Local Employment Dynamics can be found at [lehd.did.census.gov/led/](http://lehd.did.census.gov/led/). Choose QWI Online under Tools.



# High School Graduates

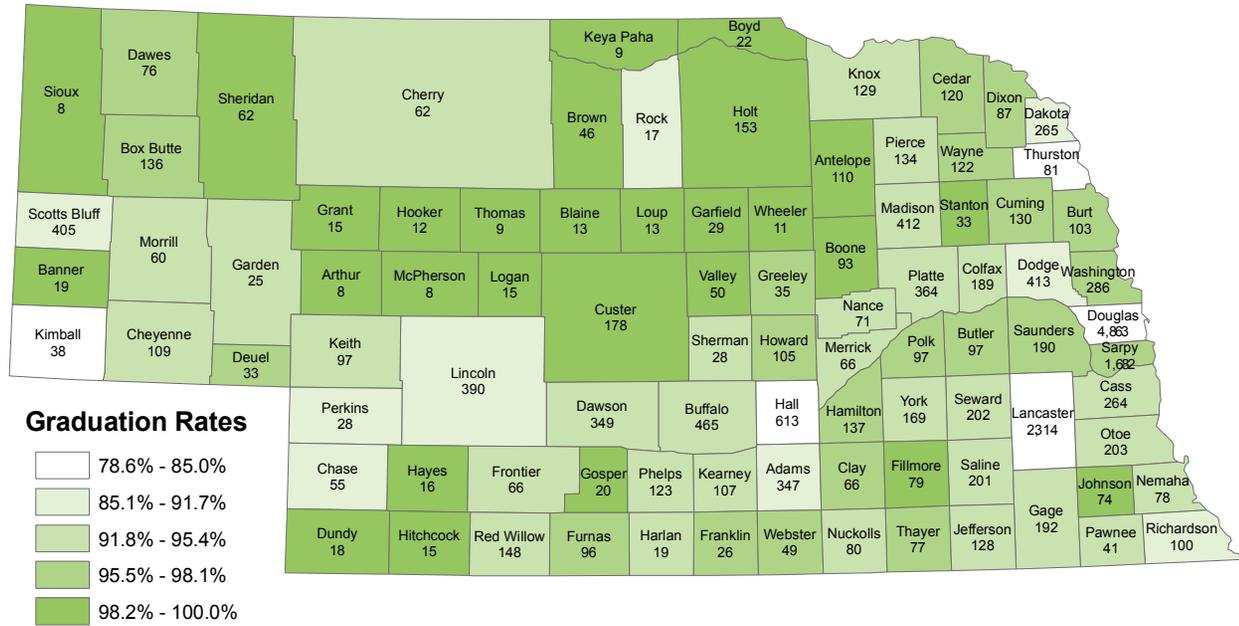
## What is it?

The total number of high school graduates in Nebraska for the school year 2008-2009 was 19,398 for a statewide graduation rate of 89.1%. The total number of high school graduates in the Columbus MC between this same period was 364.

The Columbus Micropolitan Statistical Area had the highest graduation rate at 94.5% of the 12 micropolitan and metropolitan statistical areas, while the Lincoln Metropolitan Statistical Area had the lowest (84.9%). For 2008-2009, males had a graduation rate at 3.4 percentage points lower than females.

If these graduates are consistent with the fall 2008 college continuation data, 65.5% are likely to attend a college within 12 months.

## Nebraska Public High School Graduates by County 2008-2009



Source: Nebraska Coordinating Commission for Postsecondary Education, Released 2010

### Columbus High School Graduation Rate 2008-2009

| Area               | Total Graduates | Graduation Rate |
|--------------------|-----------------|-----------------|
| Columbus MC        | 364             | 94.5%           |
| Nebraska Statewide | 19,398          | 89.1%           |

Source: Nebraska Coordinating Commission for Postsecondary Education, Released 2010

### How to use it

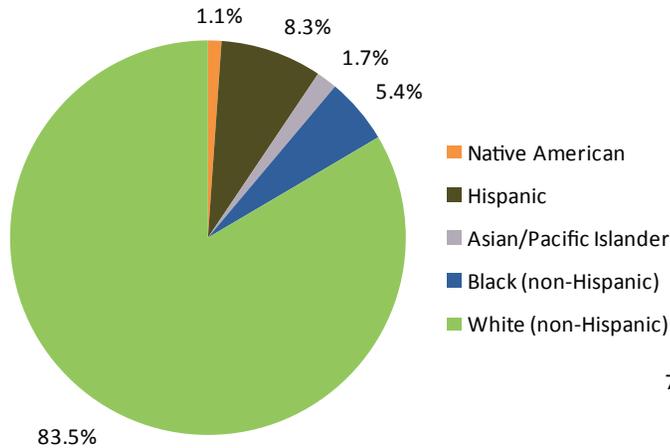
In order for high school students to be included in the labor force count they need to be 16 years old and employed or actively seeking employment. Knowing the number of high school graduates, along with the percentage of those that will continue on to college or look for employment, can be beneficial in adjusting recruiting techniques and labor force estimates. Nebraska's non-metropolitan and non-micropolitan public graduation rate was high, at 93.1%.

### Where to find it

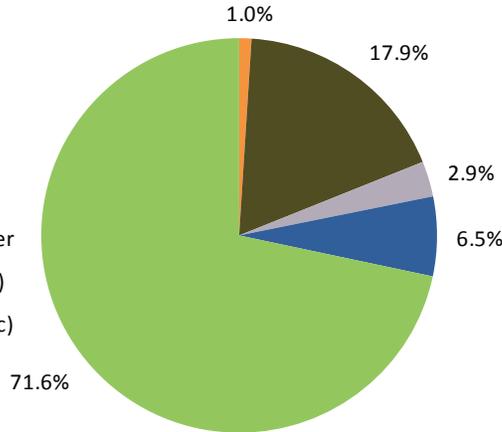
Graduate information from Nebraska's Coordinating Commission for Postsecondary Education can be found at [ccpe.state.ne.us](http://ccpe.state.ne.us).

# Public High School Graduates by Race and Ethnicity Nebraska Statewide, 2008-2009 and 2018-2019

2008-2009  
Graduates



2018-2019  
Projected Graduates



Source: Nebraska Coordinating Commission for Postsecondary Education, Progress Report, Released 2010

**Where to find it**  
Graduate information from Nebraska's Coordinating Commission for Postsecondary Education can be found at [ccpe.state.ne.us](http://ccpe.state.ne.us).

**How to use it**  
Nebraska's demographics are steadily changing, and this is reflected in the projected race and ethnicity breakdown of high school graduates. These forecasts give us a glimpse at what employers can expect their future workforce to look like. The education system is already seeing a rapid increase of Hispanic graduates; they have nearly doubled in the past five years. As they and their families join the labor force, businesses and agencies may need to accommodate a changing workforce.

## Graduate Projections

### What is it?

According to Nebraska's Coordinating Commission for Postsecondary Education, small annual changes are projected to occur in the demographics of Nebraska's high school students. Minority students, especially Hispanics, are projected to account for a higher percentage of the graduates from the state's public schools in the 2018 to 2019 school year than they did in 2008 to 2009. Specifically, minorities are expected to make up 11.9% percent more of the total public graduates in 2018 to 2019 than in 2008 to 2009, increasing from about 3,200 students to roughly 5,900 students.

The number of Nebraska public school graduates is projected to change by 6.4% from the 2008-2009 school year to the 2018-2019, increasing from 19,398 to 20,649.



# Educational Attainment

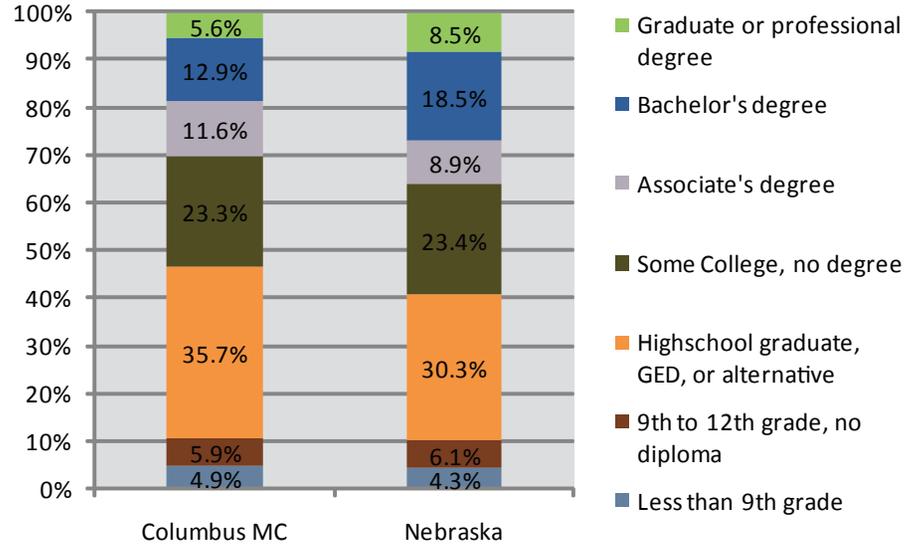
## What is it?

Nebraska's residents are well-educated, a characteristic valued by businesses seeking to locate within the state. In the Columbus MC, 89.2% of persons age 25 or older have a high school diploma, GED or higher level of education. Nearly all Metropolitan and Micropolitan Statistical Areas within the state have 80% to 90% of persons age 25 and older with a high school diploma, GED or higher level of education.

In the Columbus MC, 53.5% of the residents have post high school education, and almost one-fifth of the MC's residents have a Bachelor's degree or higher.

The Columbus MC's education levels have improved since 2000, with the population holding a high school diploma, GED or higher increasing by 4.5% and those with a post-secondary educational degrees by 4.4%.

## Educational Attainment: Population Age 25 and Older 2005 to 2009 Aggregate



Source: U.S. Census Bureau, American Community Survey, Released 2010

## How to use it

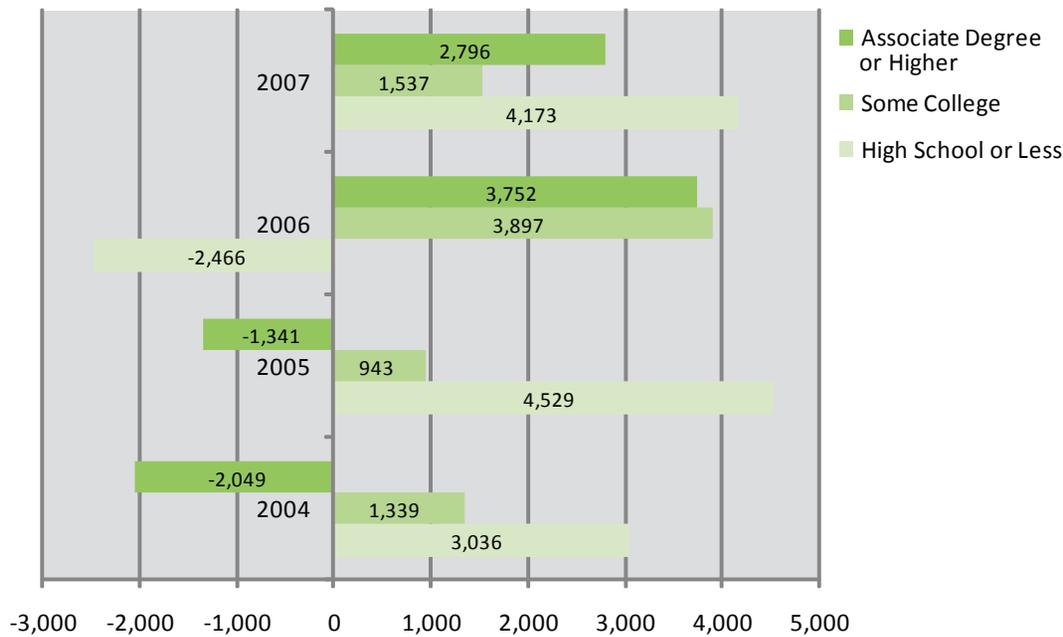
When companies search for a place to establish a business, many factors come into play; a labor force with a potential for high educational attainment rates may be a determining factor. Nebraska, which has a higher-than-average rate of individuals age 25 and over with some education past a high school diploma compared to the United States, will impress potential site locators. Companies which require a large proportion of skilled employees will likely find the high rates of educational attainment appealing compared to other areas.

## Where to find it

Educational attainment data from the 2005-2009 American Community Survey can be found at [census.gov](http://census.gov). Choose American Fact Finder.



# Net Educational Migration: Population Age 22 to 64 Nebraska Statewide, 2004 to 2007



Source: Nebraska Coordinating Commission for Postsecondary Education, Progress Report, Released 2010

## How to use it

The availability of an educated labor force can be something of interest when a business is looking to select a location and this is highly affected by the net migration of workers. If a business has to exhaust too many resources to recruit candidates to fill its technical positions, this can drive the costs of locating in an area too high to be a viable option.

## Where to find it

Educational Migration trends from Nebraska's Coordinating Commission for Postsecondary Education can be found at [ccpe.state.ne.us](http://ccpe.state.ne.us).

## Educational Migration

### What is it?

Estimated net migration of 22- to 64-year-olds reveals that there is a historical trend of net out-migration of Nebraska's educated population and an in-migration of adults with a high school diploma or less.

A reversal of the previous trend, starting in 2007, shows a change in the previous out-migration of Nebraska's educated population. However, Nebraska's Coordinating Commission for Postsecondary Education states that this data is based on a small sample size and could vary dramatically year to year. All American Community Survey data is based on a sample of the population and can be expected to fluctuate when describing very specific demographics. ACS data is used to compile this data.

In 2007, there was an in-migration of people with a Graduate or Professional Degree, as well as people with a Bachelor's Degree. However, there was a slight net migration out of the state by people with Associates Degrees.



# Postsecondary Graduates

## What is it?

There were a total of 8,167 graduates from the Community Colleges, State Colleges and the University of Nebraska – Kearney between July 1, 2007 and June 30, 2008. About five out of seven (71.1%) graduates, 5,804 in total, were working in Nebraska in the first quarter of 2009. This is nearly the same percentage as in the previous year. Community Colleges had the highest percentage of graduates working in the state as well as the highest range of counties with at least one graduate employed in the county.

Over a quarter (25.7%) of Community College graduates working in Nebraska were in the Health Care industry. The highest number of Bachelors Degree State College graduates was in the Business Administration and Management. Of those graduates, 68% of the 362 were working in the state with estimated average annual earnings of \$27,477.

## Postsecondary 2007 to 2008 Graduates Working in Nebraska, First Quarter 2009

|  | Associates Degrees-<br>Community Colleges | Bachelors Degrees-<br>State Colleges | Bachelors Degrees-<br>University of Nebraska-<br>Kearney |
|--|---|--------------------------------------|--|
| Number of Graduates                      | 3,868                                     | 1,100                                | 913  |
| Number of Graduates Working in Nebraska  | 2,885                                     | 645                                  | 578  |
| Percent of Graduates Working in Nebraska | 75%                                       | 59%                                  | 63%  |
| Estimated Average Annual Earnings        | \$25,806                                  | \$26,615                             | \$25,752   |
| Estimated Median Annual Earnings         | \$24,605                                  | \$27,208                             | \$26,950   |

Source: Nebraska Department of Labor, Graduate Outcomes in Nebraska, Released 2010

## How to use it

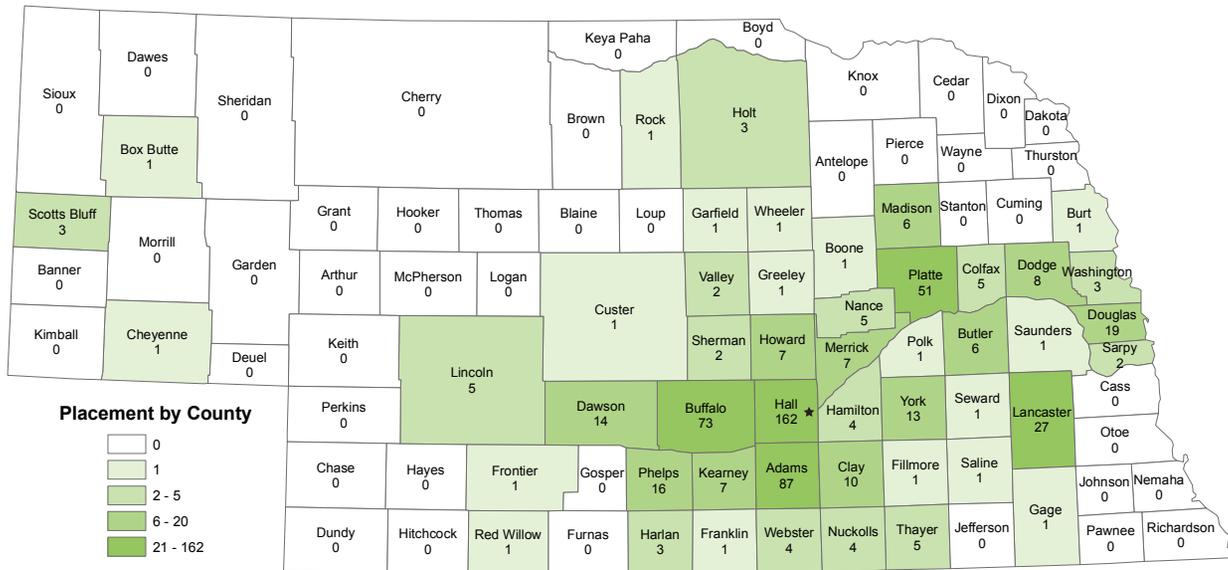
The numbers suggest that those who attend community college in Nebraska are more likely to seek employment in Nebraska than they are to seek employment outside of the state. This may also mean that Nebraska Community Colleges are providing training more directly related to Nebraska jobs. The labor market for people with Bachelor's Degrees and higher tends to be a national market. For some occupations, employment opportunities in other states may also provide higher pay.

## Where to find it

Online the Graduate Outcomes in Nebraska publication can be found at LMI Home. Under Publications > Get More. The Graduate Outcomes section contains a drop-down box with publications for each school.



# Central Community College 2007 to 2008 Graduates Working in Nebraska, First Quarter 2009



| Institution               | Number of Graduates | Number of Graduates Working in Nebraska | Percent of Graduates Working in Nebraska | Estimated Average Annual Earnings for Associate Degree | Estimated Median Annual Earnings for Associate Degree |
|---------------------------|---------------------|---|--|--|---|
| Central Community College | 1,203               | 946                                     | 79%                                      | \$24,414   | \$22,499  |

Stars indicate primary campus locations.

Source: Nebraska Department of Labor, Graduate Outcomes in Nebraska, Released 2010

## Where to find it

Online the Graduate Outcomes in Nebraska publication can be found at LMI Home. Under Publications > Get More. The Graduate Outcomes section contains a drop-down box with publications for each school.

## How to use it

Community College graduates supply local businesses with skilled workers. Most graduates work in counties near the college from which they graduated. This information may help existing and potential businesses determine where to place recruitment efforts. Graduates are likely to work in Nebraska when there are employment opportunities with competitive wages. For example, 79% of Central Community College graduates were working in the state, compared to 86% of Central's Health Care graduates and 97% of their Registered Nursing graduates.

# Graduate Employment

## What is it?

Central Community College graduates provide a skilled labor supply to Nebraska's employers. Seventy-nine percent of the 2007-2008 Central Community College graduates were employed in the state in first quarter 2009. This is a one percent decrease from the previous year. Overall, 75% of all Community College graduates were working in Nebraska in first quarter 2009.

There were 51 graduates from the 2007-2008 Central Community College graduating class employed in Platte County in first quarter 2009. This figure is down from 56 graduates from the 2006-2007 class.

There were 36 degrees/fields of study that had 85% or more of the graduates working in the state. These fields of study employed 416 of Central Community College's 1,203 graduates working in Nebraska. Within this group, Industrial Mechanics and Maintenance Technology graduates had the highest discloseable estimated average annual earnings of \$47,457.



# Graduate Employment

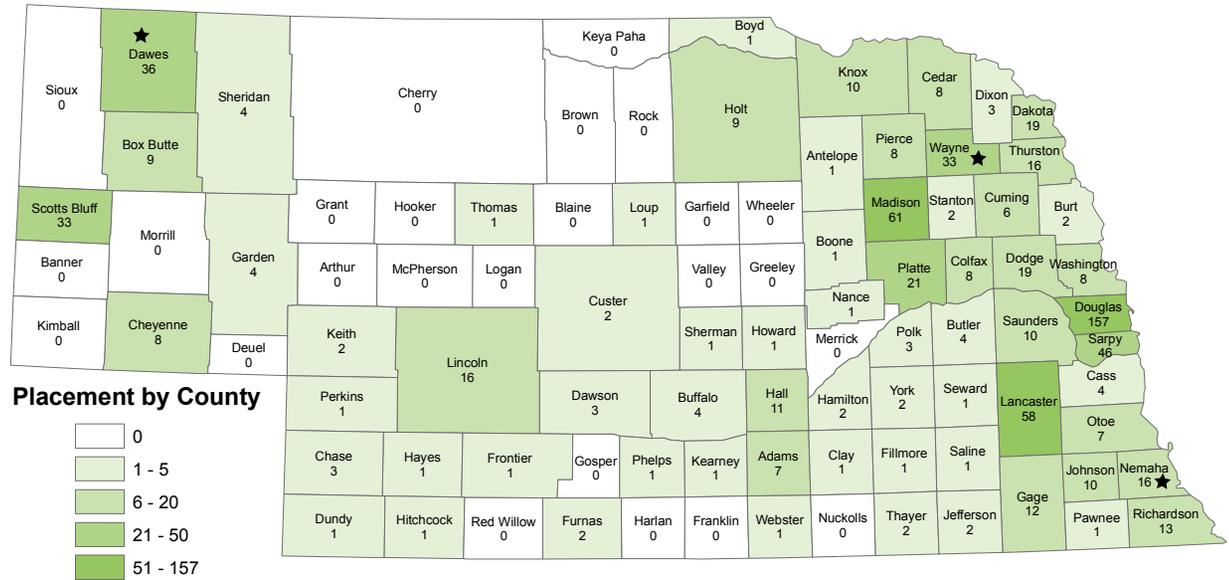
## What is it?

Wayne State College had a total of 696 graduates from July 1, 2007 through June 30, 2008. In the first quarter of 2009, there were 484 (70%) graduates who were working in the state. There was a two percent increase in State College graduates between 2006-2007 and 2007-2008. The number of graduates working in the state also rose slightly, up almost one and a half percent over the previous year.

Wayne State College 2007-2008 graduates were employed in 40 counties across Nebraska, eight of which had 15 or more graduates. Platte County employed 16 graduates from this class.

Close to half (46%) of Wayne State College Graduates chose a field of study in education and 74% of those graduates were employed in the state. Eighty-six percent of those graduates employed in the state were working in the Educational Services industry.

## All State College 2007 to 2008 Graduates Working in Nebraska, First Quarter 2009



| Institution        | Number of Graduates | Number of Graduates Working in Nebraska | Percent of Graduates Working in Nebraska | Estimated Average Annual Earnings for Associates Degree Graduates | Estimated Median Annual Earnings for Associates Degree Graduates |
|--------------------|---------------------|---|--|---|--|
| All State Colleges | 1,578               | 984                                     | 62%                                      | \$26,615  | \$27,208   |

Stars indicate campus locations.

Source: Nebraska Department of Labor, Graduate Outcomes in Nebraska, Released 2010

## How to use it

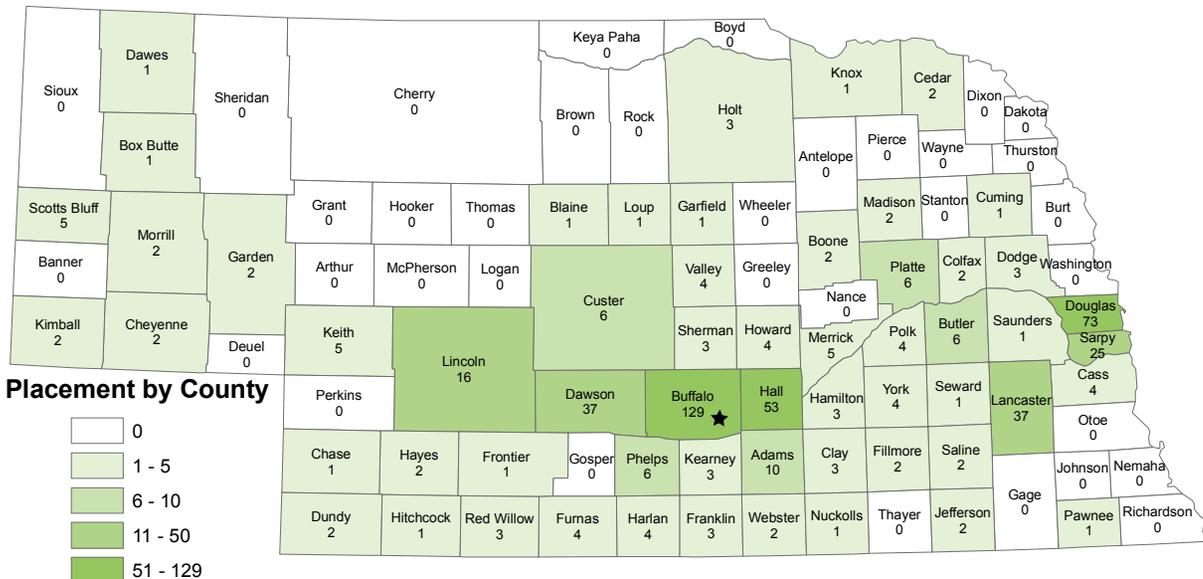
State College graduates are less likely than Community College graduates to be employed in Nebraska, most likely because graduates with Bachelor's Degrees or higher tend to have a wider employment range than Community College graduates. Nebraska businesses need to remain regionally and nationally competitive to keep talented graduates in the state. All three State Colleges are located relatively near the border with other states. Graduates may be working near the college from which they graduated, but in another state. Information is not available for graduates working outside Nebraska.

## Where to find it

Online the Graduate Outcomes in Nebraska publication can be found at LMI Home. Under Publications > Get More. The Graduate Outcomes section contains a drop-down box with publications for each school.



# University of Nebraska - Kearney 2007 to 2008 Graduates Working in Nebraska, First Quarter 2009



| Institution                      | Number of Graduates | Number of Graduates Working in Nebraska | Percent of Graduates Working in Nebraska | Estimated Average Annual Earnings for Associates Degree Graduates | Estimated Median Annual Earnings for Associates Degree Graduates |
|----------------------------------|---------------------|---|--|---|--|
| University of Nebraska - Kearney | 1,204               | 779                                     | 65%                                      | \$25,752  | \$26,950   |

Stars indicate UNK location.  
Source: Nebraska Department of Labor, Graduate Outcomes in Nebraska, Released 2010

**Where to find it**  
Online the Graduate Outcomes in Nebraska publication can be found at LMI Home. Under Publications > Get More. The Graduate Outcomes section contains a drop-down box with publications for each school.

**How to use it**  
University of Nebraska - Kearney graduates are less likely than Community College graduates to be employed near the college from which they graduated. Graduates with Bachelor's Degrees or higher tend to have a wider employment range than Community College graduates except for graduates with advanced degrees in education. Those individuals are very likely to be employed in the state. Nebraska businesses need to remain regionally and nationally competitive to keep talented graduates in the state.

## Graduate Employment

**What is it?**  
The University of Nebraska – Kearney (UNK) had a total of 1,204 graduates from July 1, 2007 through June 30, 2008. Of those graduates, 779 (65%) were working in Nebraska in first quarter 2009. There were 72 more total graduates from the University of Nebraska-Kearney and 52 more graduates working in the state than the previous year. Fifty-eight counties had at least one UNK graduate employed in the county in the first quarter of 2009, and six counties had 25 or more graduates. Six UNK graduates were employed in Platte County from this class. The Bachelors Degree program in Business Administration and Management had the highest number of graduates with 160 graduates. Seventy-two percent of those graduates were employed in the state in the first quarter of 2009. Master's Degree graduates (68%) were more likely than Bachelors Degree graduates (63%) to be working in the state.



# Labor Force



## What is it?

For the Labor Force Estimates and Labor Force and Unemployment Rate Monthly Trends, the graphs and tables are formatted as they would appear if pulled directly from the NEWorks page.

The labor force is the total of all civilians, employed or unemployed, excluding those who are under 16 years of age, people who are institutionalized, or members of the Armed Forces. The unemployment rate is calculated by taking the number of unemployed individuals divided by the total labor force.

Between 2000 and 2010, the Columbus MC labor force increased by 656 individuals. Since 2000, employment has increased by 2.4% while unemployment rose by 50.5%.

Columbus MC's 2010 unemployment rate of 4.0% was lower than the statewide rate of 4.7% and the national level of 9.3%. Nebraska also has a higher participation rate than the national average.

## Labor Force Estimates Nebraska Statewide, 2010

| Civilian Labor Force | Employment | Unemployment | Unemployment Rate (%) |
|----------------------|------------|--------------|-----------------------|
| 976,859              | 931,414    | 45,444       | 4.7                   |

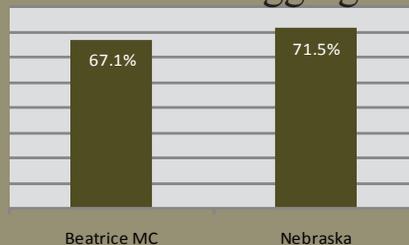
## Labor Force Estimates Columbus MC, 2010

| Civilian Labor Force | Employment | Unemployment | Unemployment Rate (%) |
|----------------------|------------|--------------|-----------------------|
| 18,214               | 17,483     | 730          | 4.0                   |

Note: Data is not seasonally adjusted

Source: Nebraska Department of Labor, Local Area Unemployment Statistics, Released 2011

## Labor Force Participation Rate 2005- 2009 Aggregate



Source: U.S. Census Bureau, American Community Survey, Released 2009

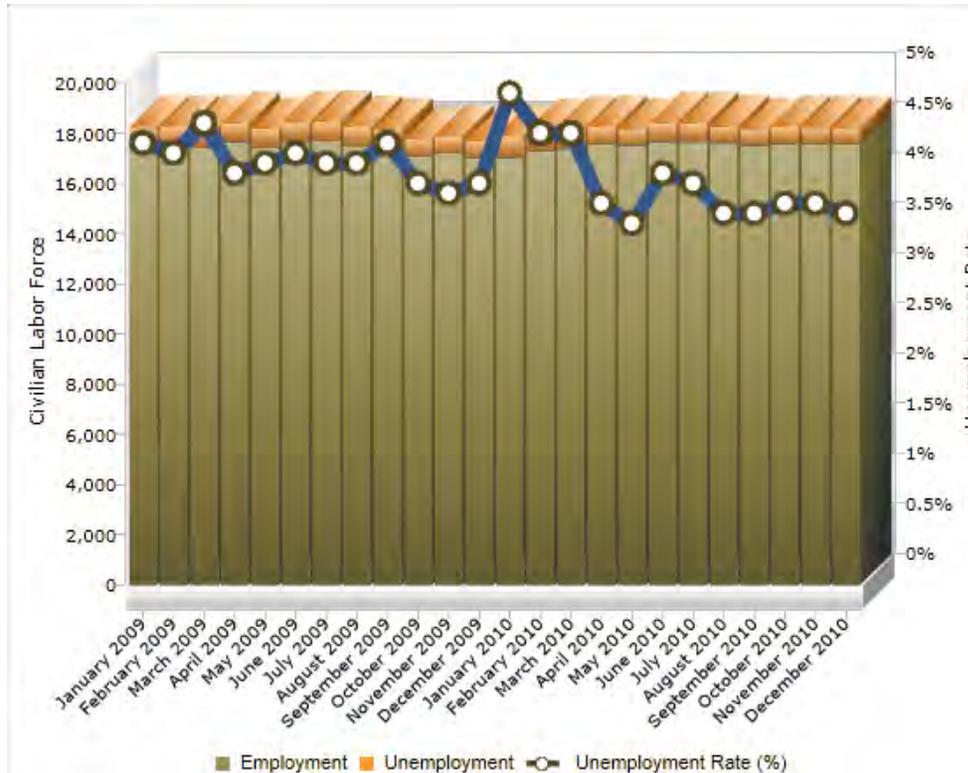
## How to use it

There are many different factors that can be used to determine the stability of the economy, including the unemployment rate. However, caution should be used when looking at month to month changes in the unemployment rate, and other labor force data. The sample size used in estimating data at this level is rather small and a small sample size can introduce higher sampling errors. A better way to look at these estimates is to examine longer-term trends for patterns and changes.

## Where to find it

Additional labor force data can be found at LMI Home. Under Historic Data Analysis > Employment and Wage Data > Labor Force Data > Labor Force Employment and Unemployment (LAUS). Preliminary LAUS data is released and the previous month's data is revised each month

# Labor Force and Unemployment Rate Monthly Trends Columbus MC, 2009 to 2010



Note: Data is not seasonally adjusted  
Source: Nebraska Department of Labor, Local Area Unemployment Statistics, Released 2010

## Where to find it

Additional labor force data can be found at LMI Home. Under Historic Data Analysis > Employment and Wage Data > Labor Force Data > Labor Force Employment and Unemployment (LAUS). Preliminary LAUS data is released and the previous month's data is revised each month

## How to use it

Trends show that the labor force is growing, as is expected with the overall population growth. It is important to remember that this data is not seasonally adjusted. Seasonal events, such as weather changes, harvests, holidays and school openings and closings can cause the estimates to go through major fluctuations. By studying historical seasonal patterns users can estimate current levels and upcoming changes, helping to plan business processes, such as recruitment.

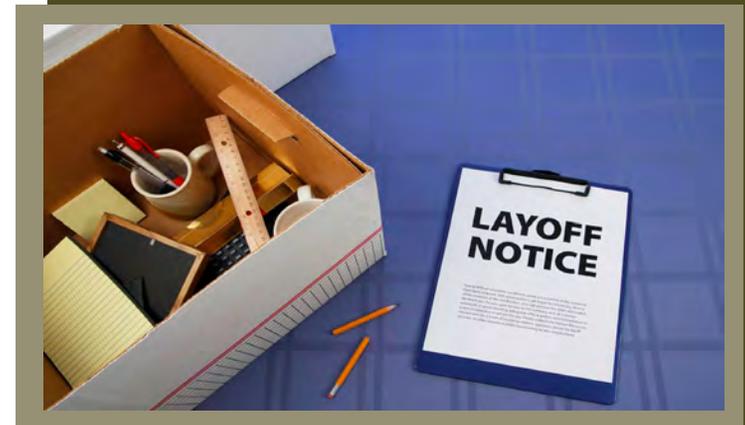
## Labor Trends

### What is it?

Labor force trends show that the number of people in the labor force has decreased 0.0% from 18,219 individuals in January of 2009 to 18,218 individuals in December of 2010.

Seasonal fluctuations are visible in the labor force and unemployment rate monthly trends. The data presented is not seasonally adjusted, so some of the trends are the result of natural employment changes throughout the year. In both 2009 and 2010, the labor force was largest during the month of July, this is expected with the growth of construction jobs and other industries which expand over the summer months.

Nebraska's highest unemployment rate occurred in November of 1982, with a rate of 10.8%. In recent history, the highest unemployment rate was 5.6%, during January of 2010.



# Nebraska Workers

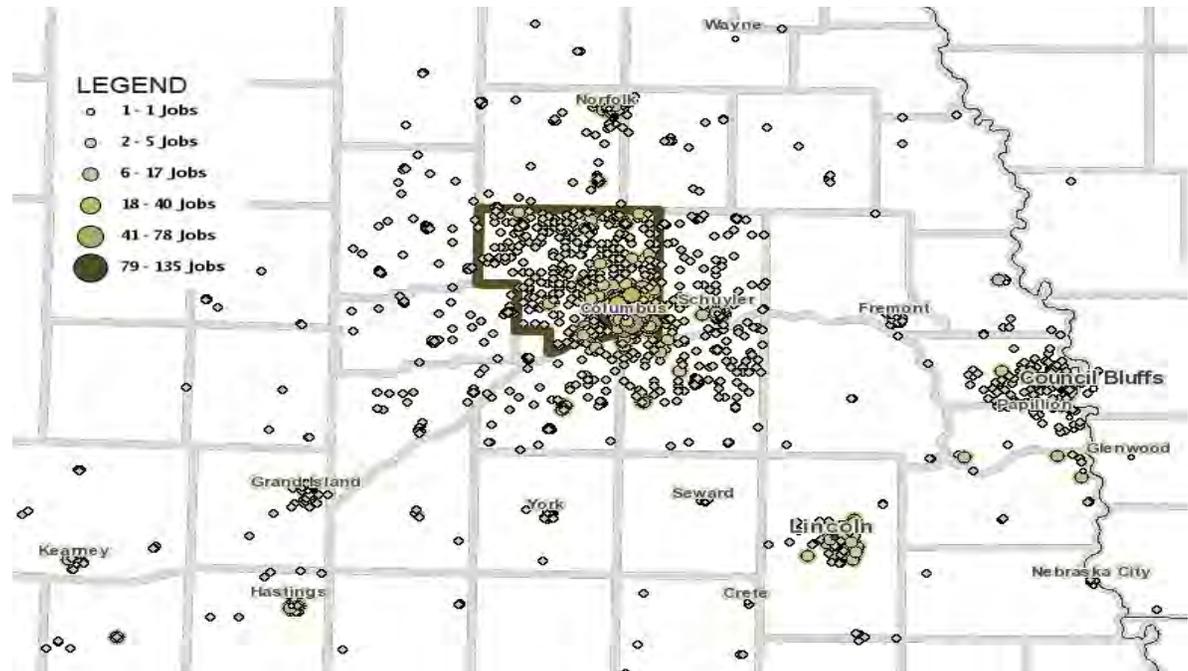
## What is it?

The map to the right shows where Columbus MC's workers live. There were 17,927 employees working primary jobs within the MC in 2008, according to the U.S. Census Bureau. Of those workers, 10,333 (57.6%) lived within the Columbus MC boundaries.

Over two-fifths (42.4%) of the Columbus MC's workers were in-commuters in 2008; 7,594 individuals from other counties commuted into the Columbus MC in order to work. More than half (50.2%) of commuters commuted into the MC from contiguous counties to the MC. Commuters from the Norfolk MC constituted 13.2% of in-commuters; 9.1% traveled from the Omaha MSA.

There were 244 commuters from other states, constituting 1.4% of the Columbus MC workers. Most of the out-of-state commuters (119) were from Iowa.

## Where Columbus MC's Workers Live 2008



Note: Locations of less than 29 jobs are not shown.  
Source: U.S. Census Bureau, Local Employment Dynamics, Released 2009

## How to use it

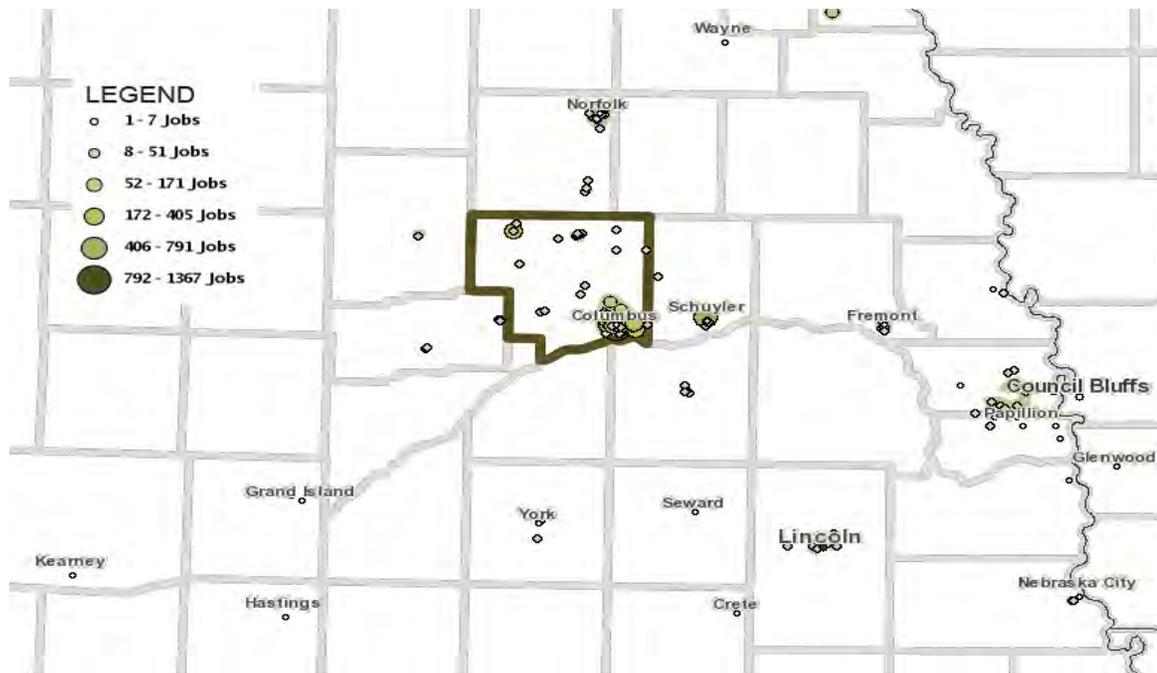
Commuting Patterns are used by the U.S. Census Bureau to identify the boundaries of regional labor pools and to determine Labor Market Areas. Businesses depend on labor force information available by Labor Market Area to evaluate recruiting methods and identify the potential customer base. Economic Development boards can also benefit from knowing commuting patterns by estimating the number of workers who may choose to work within a region if suitable jobs were available.

## Where to find it

Commuting statistics from Local Employment Dynamics can be found at [lehd.did.census.gov/led/](http://lehd.did.census.gov/led/). Choose OnTheMap under Tools. New data is available in a different format.



# Where Workers are Employed who Live in Columbus MC 2008



Locations of less than 127 jobs are not shown.  
Source: U.S. Census Bureau, Local Employment Dynamics, Released 2009

## Nebraska Resident Workers

### What is it?

The map to the left shows where workers live who are employed in the Columbus MC. There were 15,012 workers living in the Columbus MC in 2008, according to the U.S. Census Bureau. Of those resident workers, 10,333 (68.8%) remained in the MC area to work.

There were 4,679 (31.2%) resident workers who commuted out of the MC, resulting in a net gain of 2,915 workers.

More than one-third (35.0%) of out-commuters are traveling to contiguous counties to the Columbus MC. About one in five (22.9%) commuters are traveling to the Omaha MSA for work, while 10.7% of commuters are traveling to the Norfolk MC for work. There were 328 Columbus MC out-commuters traveling to out-of-state work, constituting 2.1% of the MC resident workers; 171 workers commuted into Iowa for work.

### How to use it

Many of the workers commuting to and from bordering states are likely commuting across state lines for work. It is possible that many of the workers commuting to and from other states not bordering Nebraska are either (1) actually living in another state while keeping a permanent residence in Nebraska, (2) are working at an alternative work site for a company based in Nebraska, or (3) are telecommuting or only commuting occasionally.

### Where to find it

Commuting statistics from Local Employment Dynamics can be found at [lehd.did.census.gov/led/](http://lehd.did.census.gov/led/). Choose OnTheMap under Tools. New data is available in a different format.



# Nebraska Compensation

## What is it?

Of the 23 major occupational groups, Management provides the highest hourly average wage at \$44.20 per hour according to Occupational Employment Statistics. This occupational group also has a \$30.38 per hour difference between entry and experienced average wages, which is the largest disparity for all occupations. Food Preparation and Serving-Related Occupations pay the lowest average hourly wage at \$8.42 per hour.

The Columbus MC's average annual wage for all occupations in 2010 is \$34,284, which is \$3,459 below the Nebraska average annual wage. Three occupations have average annual wages that are above the state average. Only Legal occupations pay substantially less on average, by more than \$10,000, within the MC than they do in the state.

## Wages by Occupation Columbus MC, 3rd Quarter 2010

| SOC Code       | Standard Occupational Code Title                           | Hourly Average | Hourly Entry  | Hourly Experienced | Average Annual Columbus MC | Annual Average Nebraska |
|----------------|--|----------------|---------------|--------------------|----------------------------|-------------------------|
| 11-0000        | Management Occupations                                     | \$44.20        | \$23.94       | \$54.32            | \$91,936.00                | \$88,591                |
| 13-0000        | Business and Financial Operations Occupations              | \$28.22        | \$15.86       | \$34.39            | \$58,685.00                | \$58,192                |
| 15-0000        | Computer and Mathematical Occupations                      | \$29.55        | \$17.28       | \$35.69            | \$61,464.00                | \$66,599                |
| 17-0000        | Architecture and Engineering Occupations                   | \$28.19        | \$19.42       | \$32.57            | \$58,627.00                | \$62,249                |
| 19-0000        | Life, Physical, and Social Science Occupations             | \$23.77        | \$14.33       | \$28.50            | \$49,448.00                | \$55,993                |
| 21-0000        | Community and Social Services Occupations                  | \$14.79        | \$10.06       | \$17.16            | \$30,769.00                | \$35,191                |
| 23-0000        | Legal Occupations  | \$23.55        | \$13.14       | \$28.75            | \$48,984.00                | \$75,171                |
| 25-0000        | Education, Training, and Library Occupations               | \$19.72        | \$11.28       | \$23.94            | \$41,021.00                | \$42,185                |
| 27-0000        | Arts, Design, Entertainment, Sports, and Media Occupations | \$14.31        | \$9.34        | \$16.79            | \$29,765.00                | \$38,901                |
| 29-0000        | Healthcare Practitioners and Technical Occupations         | \$29.01        | \$15.70       | \$35.68            | \$60,354.00                | \$61,445                |
| 31-0000        | Healthcare Support Occupations                             | \$11.74        | \$9.67        | \$12.78            | \$24,422.00                | \$25,809                |
| 33-0000        | Protective Service Occupations                             | \$14.29        | \$8.19        | \$17.35            | \$29,741.00                | \$37,411                |
| 35-0000        | Food Preparation and Serving-Related Occupations           | \$8.42         | \$7.52        | \$8.85             | \$17,497.00                | \$19,229                |
| 37-0000        | Building and Grounds Cleaning and Maintenance Occupations  | \$9.42         | \$7.47        | \$10.40            | \$19,605.00                | \$22,721                |
| 39-0000        | Personal Care and Service Occupations                      | \$9.40         | \$7.54        | \$10.33            | \$19,560.00                | \$21,884                |
| 41-0000        | Sales and Related Occupations                              | \$13.77        | \$7.85        | \$16.73            | \$28,642.00                | \$32,275                |
| 43-0000        | Office and Administrative Support Occupations              | \$13.57        | \$9.15        | \$15.80            | \$28,239.00                | \$29,656                |
| 45-0000        | Farming, Fishing, and Forestry Occupations                 | \$9.75         | \$7.89        | \$10.68            | \$20,281.00                | \$27,112                |
| 47-0000        | Construction and Extraction Occupations                    | \$18.80        | \$12.08       | \$22.17            | \$39,112.00                | \$38,342                |
| 49-0000        | Installation, Maintenance, and Repair Occupations          | \$18.17        | \$11.59       | \$21.45            | \$37,784.00                | \$38,650                |
| 51-0000        | Production Occupations                                     | \$14.49        | \$10.24       | \$16.61            | \$30,135.00                | \$31,485                |
| 53-0000        | Transportation and Material Moving Occupations             | \$13.95        | \$9.79        | \$16.04            | \$29,029.00                | \$33,603                |
| <b>00-0000</b> | <b>Total all occupations</b>                               | <b>\$16.49</b> | <b>\$8.84</b> | <b>\$20.31</b>     | <b>\$34,284.00</b>         | <b>\$37,743</b>         |

Source: Nebraska Department of Labor, Occupational Employment Statistics, Released 2010

## How to use it

Sometimes determining wages and wage adjustments for employees can be complicated for employers. However, using the Occupational Employment Statistics to see wage trends by area and industry will simplify the process. Many employers reevaluate salaries after minimum wage changes. Nebraska's minimum wage changed to \$6.55 in 2008 and was increased to \$7.25 per hour in 2009.

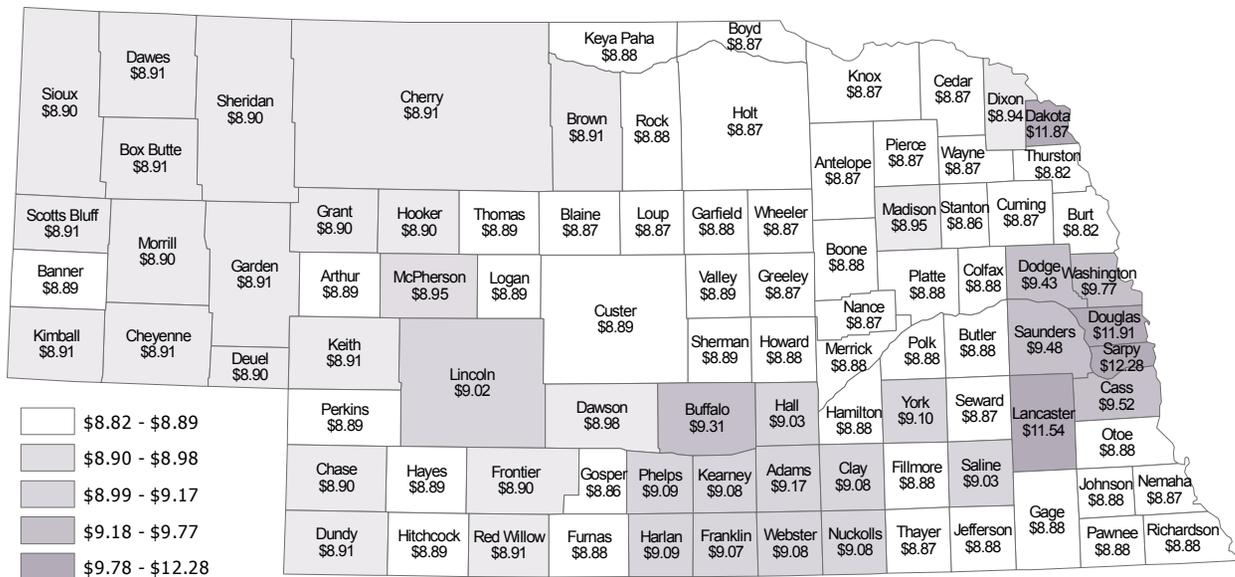
## Where to find it

Occupational employment and wages can be found at LMI Home. Under Employment and Wage Data > Occupation Specific Data > Wages. Occupational Employment Statistics are updated quarterly.



# Self-Sufficiency Standard by County

## Family of Two Working Adults, Infant and Preschooler, 2010



# Self-Sufficiency Standard

## What is it?

The Self-Sufficiency Standard is the amount of income, shown here in hourly wage, a family would need to live, work and adequately meet its basic needs without public or private assistance. The Standard, which varies by family type and location, is the wage needed to be earned by each adult.

The map to the left shows the 2010 Self-Sufficiency Standard for a family of four including two working adults, an infant and a preschooler. Nearly 75% of Nebraska's counties (67 of 93 counties) have a Self-Sufficiency Standard for that family type of between \$8.86 and \$8.91 per hour for each adult. Sarpy County has the highest standard at \$12.28, while Thurston and Burt County had the lowest at \$8.82 per hour for each adult.

Source: Nebraska Appleseed Center for Law in the Public Interest and Wider Opportunities for Women, Self-Sufficiency Standard for Nebraska, Originally Released 2002, Updated 2010 (Prepared by Diana Pearce, Ph.D. with Jennifer Brooks)

## How to use it

The Standard was intended initially as a performance measure for the goal of "self-sufficiency" in federal job training programs (now known as WIA, the Workforce Investment Act program). It is a measure that provides realistic and detailed data on what clients individually need to be self-sufficient.

## Where to find it

The Nebraska Self-Sufficiency Standard as well as additional information can be found online at [neappleseed.org/lowincome](http://neappleseed.org/lowincome).



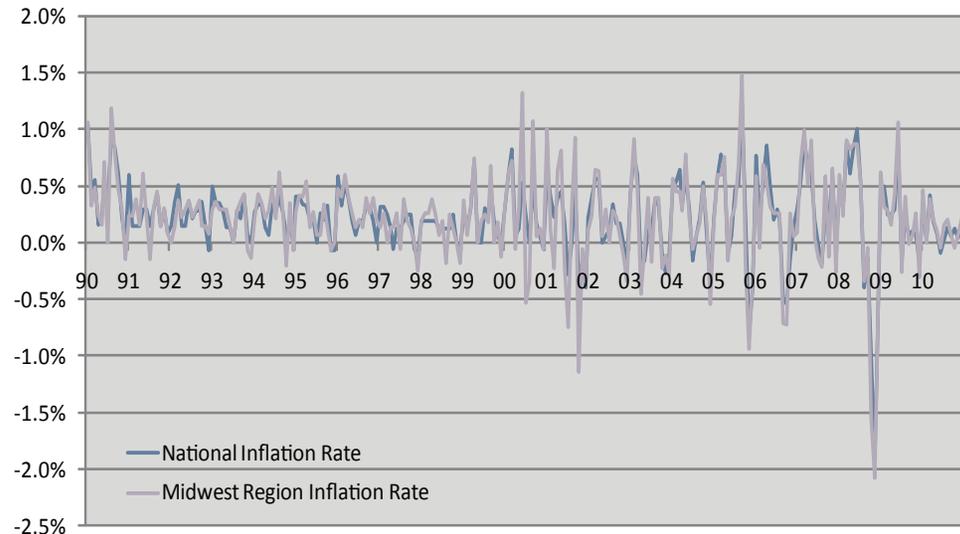
# Consumer Price Index

## What is it?

The Consumer Price Index, or CPI, is a measure of price levels for everyday goods purchased by consumers. Products are priced in all metropolitan areas around the country on a daily basis and compared to previous prices. These prices are then scaled to a base of 100 and released monthly.

If prices rise, the CPI will increase; if prices decrease, the CPI drops. The percent changes in the CPI should be directly related to the price changes consumers face over the time period for everything they buy. The CPI monthly release can be taken as a percentage to measure the inflation rate, in which any given data point is measured against the data of the previous month.

## Monthly Inflation Rate Midwest Region and United States, 1990 to 2010



Source: CPI Data Used From Bureau of Labor Statistics, Released 2010

## How to use it

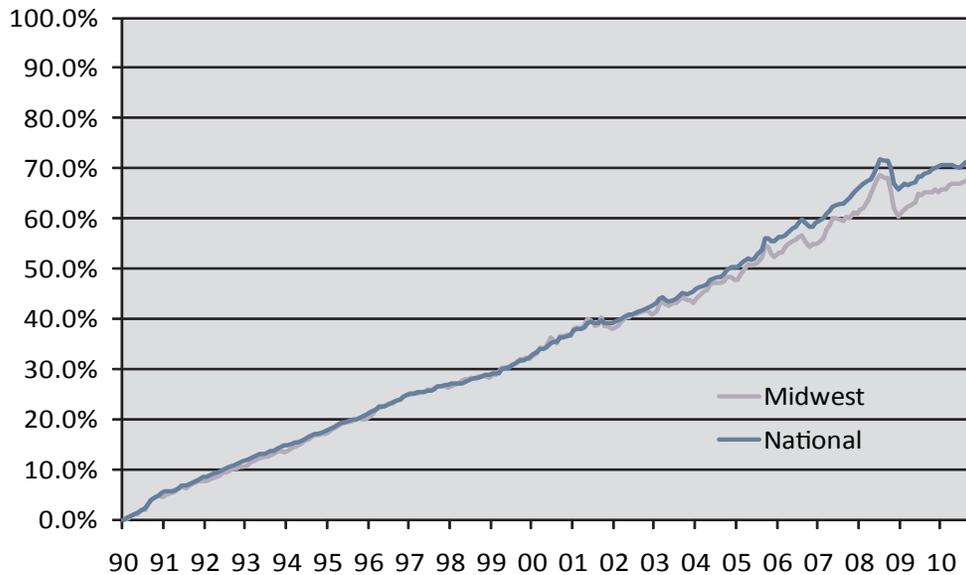
The inflation rate gives insight into how much prices change in a given period. The rate can be used to identify trends in price changes, such as the lull in price changes during the mid-1990's. The inflation rate can also help identify specific time periods when changes in the economic cycle occurred. In general, recessions decrease price changes, causing inflation to decrease or even become negative.

## Where to find it

On the BLS.gov website, go to the tab which reads "Subject Areas". This will yield a drop down menu, on which the first option is Consumer Price Index. CPI data is updated monthly.



## Inflation Rate, Base Year 1990 Calculated Monthly Midwest Region and United States, 1990 to 2010



Source: CPI Data Used From Bureau of Labor Statistics, Released 2010

### Where to find it

On the BLS.gov website, go to the tab which reads "Subject Areas". This will yield a drop down menu, on which the first option is Consumer Price Index. CPI data is updated monthly.

### How to use it

The inflation rate, when adjusted with a base year of 1990, gives insight into how prices have changed since 1990. This allows for a comparison of any specific item between the base year and current time. If a wage does not increase at the rate of inflation, the wage has effectively decreased in real value. To adjust a wage for inflation, multiply the wage from the original time period by 1 plus the percent of inflation ( $1+(\%)$ ). For example, a wage of \$5.00 in 1990 adjusted for national inflation to 2010 should be multiplied by 1 plus the percentage of inflation in numeric form (1.72). This would give a current wage of \$8.60.

## Consumer Price Index

### What is it?

The Consumer Price Index (CPI) is a representation of the goods and services purchased by consumers. These consumption items are grouped into one of 200 categories, which are then further categorized into eight major groups: food and beverages, housing, apparel, transportation, medical care, recreation, education and communication, and other goods and services.

The CPI also includes various government-charged user fees and taxes. Any tax that is associated with specific goods' and services' prices, such as sales tax, water and sewerage charges, and vehicle tolls, will be included in the CPI. However, any tax not directly related to a consumption purchase, such as an income or Social Security tax, will not be included in the CPI. Over the past two decades, the Midwest Region's CPI experienced a 68% inflation rate, while the National CPI experienced a 72% inflation rate based on 1990 rates.



# Employee Benefits

## What is it?

There are two factors that best predict whether or not an employer will offer benefits: type of employment (full- or part-time) and size of business. The results of the 2006 Benefits Survey show that larger businesses consistently offered more benefits than smaller ones, although the relationship was different by the type of benefit. The percentage of companies offering all types of insurance, retirement plans and educational assistance increased as the size of the business increased; this did not necessarily apply to paid leave.

## Rate of Benefits Offered by Employment Size Full-time Employees, Nebraska Statewide, 2006

|                        | 1-4<br>Employees | 5-9<br>Employees | 10-19<br>Employees | 20-49<br>Employees | 50-99<br>Employees | 100-249<br>Employees | 250+<br>Employees | All Sizes |
|------------------------|------------------|------------------|--------------------|--------------------|--------------------|----------------------|-------------------|-----------|
| Medical Insurance      | 30.3%            | 52.6%            | 67.3%              | 79.7%              | 92.6%              | 97.4%                | 98.6%             | 63.8%     |
| Dental Insurance       | 13.0%            | 24.1%            | 36.9%              | 53.5%              | 72.6%              | 90.0%                | 94.4%             | 39.0%     |
| Vision Insurance       | 6.0%             | 13.1%            | 19.0%              | 26.1%              | 39.2%              | 48.1%                | 64.1%             | 20.2%     |
| Life Insurance         | 15.9%            | 33.5%            | 49.4%              | 64.4%              | 81.7%              | 93.8%                | 97.2%             | 48.1%     |
| Paid Time Off          | 7.0%             | 10.7%            | 14.0%              | 18.4%              | 21.6%              | 36.0%                | 38.5%             | 14.8%     |
| Paid Vacation          | 59.7%            | 79.5%            | 80.6%              | 82.7%              | 85.4%              | 77.6%                | 81.9%             | 77.7%     |
| Paid Sick Leave        | 30.9%            | 41.7%            | 42.3%              | 42.8%              | 48.1%              | 39.7%                | 50.7%             | 40.8%     |
| Paid Holidays          | 57.0%            | 74.6%            | 76.0%              | 76.5%              | 83.1%              | 80.3%                | 92.3%             | 73.6%     |
| Retirement Plan        | 27.3%            | 46.5%            | 55.6%              | 62.5%              | 77.0%              | 85.1%                | 83.2%             | 53.3%     |
| Educational Assistance | 11.0%            | 20.2%            | 22.9%              | 28.8%              | 43.8%              | 61.1%                | 84.0%             | 25.6%     |

Source: Nebraska Department of Labor, Benefits Survey, Released 2007

## How to use it

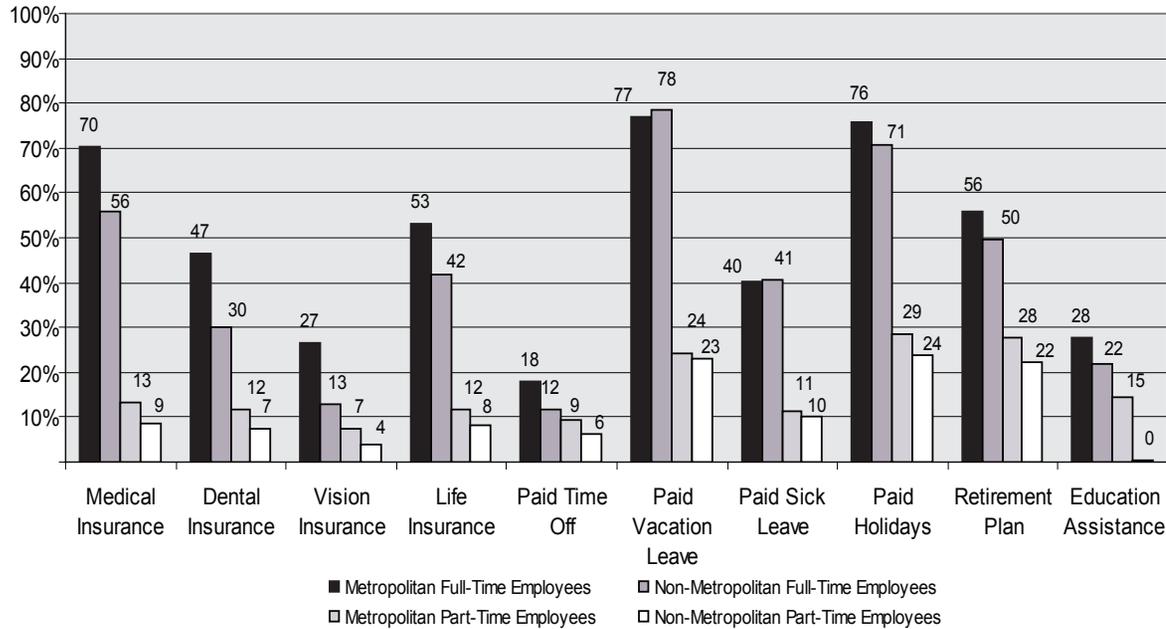
Benefit information is important to both employers and employees, since benefits can account for a significant portion (about one-third) of an employee's total compensation package. Employers often use this information to gauge how well they might compete for workers with other businesses in the area.

## Where to find it

To view this survey, go to LMI Home, select the Publications section. For updated Employee Benefits information visit the BLS website at [bls.gov](http://bls.gov); under the Subject Areas tab select Benefits under Pay and Benefits.



## Rate of Benefits Offered Nebraska Statewide, 2006



Source: Nebraska Department of Labor, Benefits Survey, Released 2007

## Employee Benefits

### What is it?

Type of employment is one of the factors that can predict whether or not an employer will offer benefits. This survey shows that, on average, full-time employees were more likely to be offered benefits than part-time employees in 2006. Also, on average, businesses within a metropolitan area offered more benefits than businesses in a non-metropolitan area. The only exceptions were the percentage of businesses offering paid vacation leave, and paid sick leave. The benefits with the largest gap between the percentage offered to full-time and part-time employees are medical insurance and paid vacation leave.

### How to use it

Many factors go into choosing where to locate a new business; one of those factors may be choosing whether to locate in a metropolitan area versus a non-metropolitan area. Benefit trends showing what it would take to stay regionally competitive may influence that decision. Although most businesses do not offer as many benefits to their part-time employees, more than one-quarter of them offer some type of retirement plan. This may show how important it is to employees, even those working only part-time, to plan for retirement.

### Where to find it

To view this survey, go to LMI Home, select the Publications section. For updated Employee Benefits information visit the BLS website at [bls.gov](http://bls.gov); under the Subject Areas tab select Benefits under Pay and Benefits.



## Employee Benefits

### What is it?

Medical insurance is commonly offered to full-time employees as a benefit. The percentage of businesses that offered medical insurance to employees in 2006 is shown in the table to the right. In all but a few cases, the percent of businesses offering medical insurance increases as the employment size increases. All businesses who responded to the 2006 Benefits Survey with more than 250 employees offered medical insurance except in Professional & Business Services.

The percent of businesses that offer medical insurance in the Information and Manufacturing industries are the largest among all industries. Leisure & Hospitality offered the lowest percentage of medical insurance to full-time workers in 2006.

## Rate of Medical Insurance Offered by Employment Size Full-time Employees, Nebraska Statewide, 2006

|                                   | 1-4<br>Employees | 5-9<br>Employees | 10-19<br>Employees | 20-49<br>Employees | 50-99<br>Employees | 100-249<br>Employees | 250+<br>Employees | All Sizes |
|-----------------------------------|------------------|------------------|--------------------|--------------------|--------------------|----------------------|-------------------|-----------|
| Natural Resources and Mining      | 16.7%            | 63.6%            | 58.3%              | 66.7%              | N/A                | N/A                  | N/A               | 41.8%     |
| Construction                      | 20.3%            | 47.7%            | 71.6%              | 86.3%              | 95.8%              | 100.0%               | 100.0%            | 59.9%     |
| Manufacturing                     | 40.8%            | 59.8%            | 85.7%              | 91.2%              | 98.8%              | 98.5%                | 100.0%            | 81.0%     |
| Trade, Transportation & Utilities | 31.3%            | 57.9%            | 70.4%              | 86.2%              | 93.2%              | 100.0%               | 100.0%            | 67.2%     |
| Information                       | 56.5%            | 78.8%            | 86.0%              | 89.3%              | 100.0%             | 100.0%               | 100.0%            | 83.1%     |
| Financial Activities              | 39.3%            | 75.3%            | 92.5%              | 98.5%              | 96.0%              | 100.0%               | 100.0%            | 76.8%     |
| Professional Business Services    | 32.5%            | 47.9%            | 73.6%              | 84.0%              | 94.1%              | 96.9%                | 92.3%             | 63.1%     |
| Education and Health Services     | 32.4%            | 44.2%            | 58.9%              | 77.3%              | 91.7%              | 97.4%                | 100.0%            | 63.6%     |
| Leisure & Hospitality             | 11.7%            | 16.0%            | 27.7%              | 48.9%              | 80.3%              | 87.5%                | 100.0%            | 38.5%     |
| Other Services                    | 24.8%            | 48.0%            | 70.2%              | 72.4%              | 81.3%              | 100.0%               | 100.0%            | 52.6%     |

Source: Nebraska Department of Labor, Benefits Survey, Released 2007

### How to use it

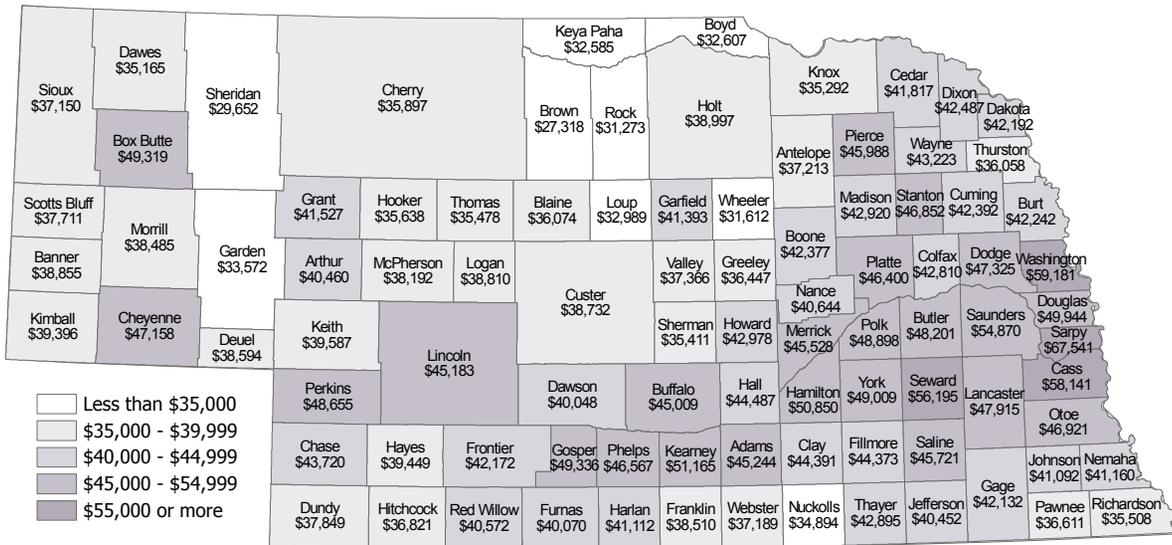
It is important to remember that while the last few tables have shown benefit availability differences between industries, regions and employment size, these factors are all interrelated. Before conclusions can be made about the influence of an employer's size or location in offering benefits, the employer's industry and proportion of full- and part-time employees must also be considered.

### Where to find it

To view this survey, go to LMI Home, select the Publications section. For updated Employee Benefits information visit the BLS website at [bls.gov](http://bls.gov); under the Subject Areas tab select Benefits under Pay and Benefits.



# Median Household Income by County 2009



Source: USDA, Economic Research Service, County Level Median Household Income, Released 2010

Where to find it  
Median Household Income data can be found at [census.gov](http://census.gov). Choose Income under People & Households.

## How to use it

Household income is the annual earnings of all household members. A household can be different than a family, which is a group of two or more people living together who are related by birth, marriage, or adoption. A household is more general, and includes all people who occupy a housing unit as their usual place of residence. Local area income estimates are widely used by both public and private sectors to measure and track the levels and types of incomes received by the area population.

## Household Income

### What is it?

Nebraska's median household income in 2009 was \$47,470; Nebraska ranked 29th nationally. Fifteen counties had a higher median household income than the state: Sarpy, Washington, Cass, Seward, Saunders, Kearney, Hamilton, Douglas, Gosper, Box Butte, York, Polk, Perkins, Butler, and Lancaster. Sarpy County had the highest median household income with \$67,541. Brown County had the lowest with \$27,318.

The Columbus MC's median income in 2009 was \$46,400. Platte County ranked 21st out of the 93 counties for highest median income.

Nebraska showed a 4.5% decrease in median household income from 2008 to 2009, and an increase of 17.4% between 2000 and 2009. Garfield County had the greatest 2008 to 2009 increase (26.3%), while Brown County showed the largest decrease in median household income down 20.2%.



# Industry Employment

## What is it?

Average employment in the table to the right represents the number of filled positions covered by unemployment insurance who worked during, or received pay for, the pay period including the 12th of the month. This also allows for a person who holds multiple positions to be double or triple counted, once for each position they hold. Wages represent total compensation paid regardless of when services were performed. This data is a quarterly updated data set

Some of the notable exceptions to these counts would include most self employed workers, many agriculture employees, railroad employees, as well as a number of non-profit and religious organizations.

In 2009, there were 1,096 total establishments in the Columbus MC, which employed 18,694 individuals. The Manufacturing industry employed the largest percentage of the Columbus MC's workers in 2009; in second, Retail Trade had less than half as many employees. Utilities employees were paid the highest average annual wage closely followed by those of Management of Companies and Enterprises.

## Employment and Wages by Industry Columbus MC, 2009

| Industry                                 | Establishments | Avg Employment | Avg Weekly Wage | Total Wages          |
|--|----------------|----------------|-----------------|----------------------|
| Agriculture, Forestry, Fishing & Hunting | 42             | 499            | \$524           | \$13,606,135         |
| Mining                                   | 0              | 0              | \$0.00          | \$0                  |
| Utilities                                | 12             | 672            | \$1,255         | \$43,849,500         |
| Construction                             | 119            | 982            | \$787           | \$40,201,363         |
| Manufacturing                            | 77             | 5,628          | \$778           | \$227,563,460        |
| Wholesale Trade                          | 69             | 694            | \$764           | \$27,584,597         |
| Retail Trade                             | 155            | 2,097          | \$381           | \$41,502,768         |
| Transportation and Warehousing           | 68             | 387            | \$702           | \$14,118,672         |
| Information                              | 13             | 133            | \$528           | \$3,650,720          |
| Finance and Insurance                    | 75             | 504            | \$750           | \$19,646,492         |
| Real Estate and Rental and Leasing       | 42             | 156            | \$463           | \$3,758,813          |
| Professional and Technical Services      | 67             | 422            | \$1,016         | \$22,302,842         |
| Management of Companies and Enterprises  | 4              | 20             | \$1,215         | \$1,263,510          |
| Administrative and Waste Services        | 50             | 1,023          | \$326           | \$17,357,439         |
| Educational Services                     | 19             | 1,239          | \$580           | \$37,342,194         |
| Health Care and Social Assistance        | 78             | 1,681          | \$612           | \$53,505,747         |
| Arts, Entertainment, and Recreation      | 12             | 230            | \$163           | \$1,948,159          |
| Accommodation and Food Services          | 74             | 1,164          | \$208           | \$12,618,197         |
| Other Services, Ex. Public Admin         | 81             | 501            | \$472           | \$12,290,006         |
| Public Administration                    | 39             | 662            | \$556           | \$19,144,928         |
| <b>Total All Industries</b>              | <b>1,096</b>   | <b>18,694</b>  | <b>\$631</b>    | <b>\$613,255,542</b> |

Source: Nebraska Department of Labor, Quarterly Census of Employment and Wages, Released 2010

## How to use it

The area's largest industries are easy to deduce from the employment and wages table above. Manufacturing is the largest industry in the Columbus MC. Also, about two-fifths (37.1%) of the Columbus MC's total wages were paid to Manufacturing employees in 2009, suggesting how important the industry is for the Columbus MC area.

## Where to find it

Industry data can be found at LMI Home. Under Employment and Wage Data > Industry Data > Quarterly Census of Employment and Wages(QCEW). QCEW data is updated quarterly.



## Industry Employment Change Columbus MC, 2001 to 2009

| Industry                                 | 2001<br>Employment | 2009<br>Employment | Employment<br>Change | Percent Change |
|--|--------------------|--------------------|----------------------|----------------|
| Agriculture, Forestry, Fishing & Hunting | 265                | 499                | 234                  | 88.3%          |
| Mining                                   | N/A                | 0                  | N/A                  | N/A            |
| Utilities                                | 674                | 672                | -2                   | -0.3%          |
| Construction                             | 946                | 982                | 36                   | 3.8%           |
| Manufacturing                            | 6,002              | 5,628              | -374                 | -6.2%          |
| Wholesale Trade                          | 570                | 694                | 124                  | 21.8%          |
| Retail Trade                             | 2,041              | 2,097              | 56                   | 2.7%           |
| Transportation and Warehousing           | 606                | 387                | -219                 | -36.1%         |
| Information                              | 195                | 133                | -62                  | -31.8%         |
| Finance and Insurance                    | 491                | 504                | 13                   | 2.6%           |
| Real Estate and Rental and Leasing       | 101                | 156                | 55                   | 54.5%          |
| Professional and Technical Services      | 333                | 422                | 89                   | 26.7%          |
| Management of Companies and Enterprises  | N/A                | 20                 | N/A                  | N/A            |
| Administrative and Waste Services        | 476                | 1,023              | 547                  | 114.9%         |
| Educational Services                     | 1,145              | 1,239              | 94                   | 8.2%           |
| Health Care and Social Assistance        | 1,121              | 1,681              | 560                  | 50.0%          |
| Arts, Entertainment, and Recreation      | 140                | 230                | 90                   | 64.3%          |
| Accommodation and Food Services          | 1,183              | 1,164              | -19                  | -1.6%          |
| Other Services, Ex. Public Admin         | 648                | 501                | -147                 | -22.7%         |
| Public Administration                    | 595                | 662                | 67                   | 11.3%          |
| <b>Total All Industries</b>              | <b>17,606</b>      | <b>18,694</b>      | <b>1,088</b>         | <b>6.2%</b>    |

Source: Nebraska Department of Labor, Quarterly Census of Employment and Wages, Released 2010

### Where to find it

Industry data can be found at LMI Home. Under Employment and Wage Data > Industry Data > Quarterly Census of Employment and Wages(QCEW). QCEW data is updated quarterly.

### How to use it

Historical trends in industry employment are crucial in developing industry and occupational projections. Studying Columbus MC's industry employment history can also help to determine the critical industries in the state. A potential employer would benefit from determining whether a possible location already has a strong, growing employment base in that industry or whether employment in that area has recently declined.

## Industry Employment

### What is it?

The total employment for those covered by unemployment insurance in the Columbus MC for 2009 was 18,694. Total employment increased by 6.2% between 2001 and 2009.

Manufacturing had the highest private employment with 5,628 people, or 30.1%, of total employment. Education & Health Services had the largest numeric change within the private industries between 2001 and 2009, with an employment increase of 560, or 50.0%, with Administrative and Waste Services in a close second, gaining 547 employment, or 114.9%

The Columbus MC had a few industries with employment losses between 2001 and 2009. Manufacturing employment took the largest numeric losses of 374 employment, or 6.2%. Transportation and Warehousing, and Other Services, Ex. Public Administration also had large losses over the time period.



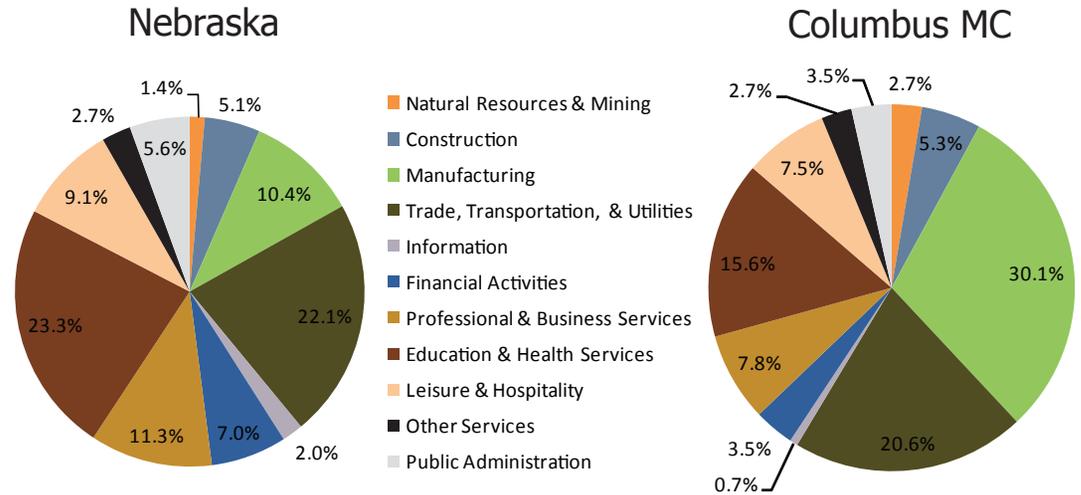
# Industry Distribution

## What is it?

These graphs represent the breakdown of the Columbus MC's industry employment compared to Nebraska's. The Columbus MC has a higher percent of employment than the state in Manufacturing and Natural Resources and Mining. The higher employment figures could be due to a number of factors, such as large employers locating in the area that they deem hospitable to their industry or perhaps a trained workforce that are capable of filling demand for the industries' production or services. With industry employment figures alone, it is difficult to pinpoint the exact reason one industry may be larger than another, which is why a person must consider more than one data source.

Overall, Manufacturing has the highest percentage of employment for the Columbus MC in 2009, followed by Trade, Transportation and Utilities. Information reported the lowest percentage of employment within the area with only 0.7% of the employed workforce.

## Percent of Employment by Industry Columbus MC and Nebraska Statewide, 2009



Source: Nebraska Department of Labor, Quarterly Census of Employment and Wages, Released 2010  
 Source: Bureau of Labor Statistics, Quarterly Census of Employment and Wages, Released 2010

## How to use it

The proportion of industry employment can be used to study which industries are significant employers in the area. This can be of interest when planning for regional development and expectations for incoming populations of laborers. This can also be of interest to businesses when surveying potential areas to either relocate or expand. This is a small piece of information that can be used to decide whether the area they are previewing may have the proper infrastructure to support their expanding business.

## Where to find it

Industry data can be found at LMI Home. Under Employment and Wage Data > Industry Data > Quarterly Census of Employment and Wages(QCEW). QCEW data is updated quarterly.



## Industry Location Quotient Columbus MC, 2001 to 2009

| Industry                             | 2001 | 2009 | Change |
|--------------------------------------|------|------|--------|
| Natural Resources and Mining         | 1.16 | 1.85 | 0.69   |
| Construction                         | 1.05 | 0.98 | -0.07  |
| Manufacturing                        | 2.65 | 2.79 | 0.14   |
| Trade, Transportation, and Utilities | 0.82 | 0.79 | -0.03  |
| Information                          | 0.37 | 0.35 | -0.02  |
| Financial Activities                 | 0.48 | 0.49 | 0.00   |
| Professional and Business Services   | 0.44 | 0.67 | 0.23   |
| Education and Health Services        | 0.54 | 0.63 | 0.09   |
| Leisure and Hospitality              | 0.84 | 0.79 | -0.05  |
| Other Services                       | 1.23 | 0.96 | -0.28  |

Source: Nebraska Department of Labor, Quarterly Census of Employment and Wages, Released 2010

Source: Bureau of Labor Statistics, Quarterly Census of Employment and Wages, Released 2010

### Where to find it

Industry data can be found at LMI Home. Under Employment and Wage Data > Industry Data > Quarterly Census of Employment and Wages(QCEW). QCEW data is updated quarterly.

### How to use it

Location quotients provide information on how many people the industry employs in relation to another area. Industries with location quotients over 1.0 show a proportional rate of saturation of the labor market for that particular industry; this could be due to a number of reasons. A higher location quotient could indicate the industry receives a higher than average revenue when compared to costs within the area. When a location quotient is less than 1.0, this shows a lower level of saturation for the labor market. Location quotients are only calculated for non-agricultural industries.

## Location Quotient

### What is it?

The location quotient indicates the concentration of employment in an industry at an area's level relative to its concentration at the state's level. The area's location quotient is calculated by dividing each industry's employment by total employment and then by the state's employment ratio.

In 2009, Manufacturing had the highest location quotient at 2.79, with Natural Resources & Mining having the second highest at 1.85. This means that the Columbus MC area has a proportionally higher saturation of the workforce for these types of employees. Information had the lowest location quotient with 0.35.



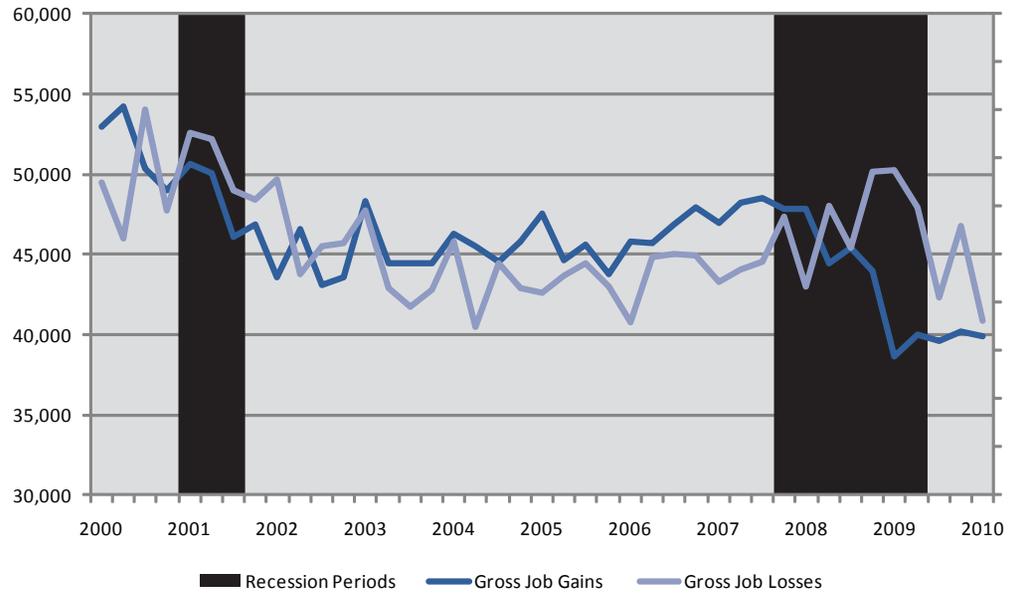
# Employment Dynamics

## What is it?

Business Employment Dynamics tracks gross job gains and losses at the establishment level. Government employees, private households and establishments with zero employment are not included in this information.

During the first quarter of 2010, there were 39,893 job gains from openings and expansions, and 40,899 job losses from closings and contractions. The net change was a 1,006 job loss for that quarter. First quarter of 2009 had similar but larger scale results, with many more losses and a net change of -11,590. The rates of gross job gains and losses provide a picture of the amount of "job churning" that occurs in the labor market.

## Business Employment Dynamics: Job Gains & Losses Nebraska Statewide, 2000 to 2010



Note: Seasonally Adjusted Data

Source: Bureau of Labor Statistics, Business Employment Dynamics, Released 2010



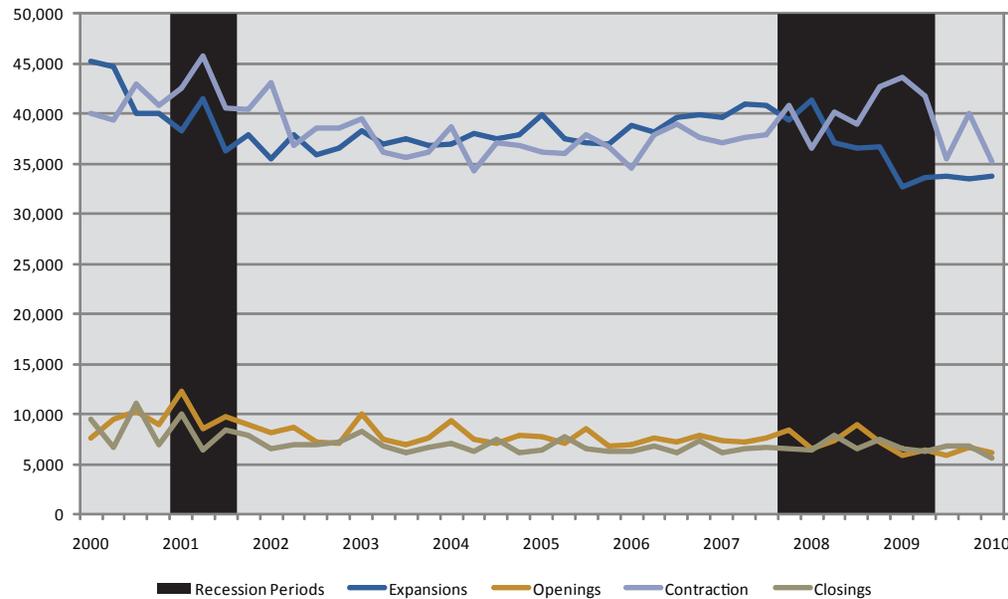
## How to use it

Business Employment Dynamics show the movements of aggregate employment numbers and can be used to analyze over-the-quarter employment change in a way that tells the story of how the employment numbers change. This data is used to analyze the underlying reasons for shifts in the demand-side of the labor market. Business cycle analysis for industries, areas and the economy as a whole can also be done using Business Employment Dynamics.

## Where to find it

Business Employment Dynamics can be found at [bls.gov](http://bls.gov). Choose Business Employment Dynamics from the Employment Subject Area.

# Business Employment Dynamics, Expansions & Contractions Nebraska Statewide, 2000 to 2010



Note: Seasonally Adjusted Data

Source: Bureau of Labor Statistics, Business Employment Dynamics, Released 2010

## Where to find it

Business Employment Dynamics can be found at [bls.gov](http://bls.gov). Choose Business Employment Dynamics from the Employment Subject Area.

## How to use it

It is important to understand that openings are not necessarily new businesses that have opened, and that closings are not always establishments that have gone out of businesses. For example, businesses that are seasonal and close down for either the summer or the winter will be treated as closings at the end of the season or as openings at the beginning.

## Employment Dynamics

### What is it?

Nebraska experienced 39,893 job gains and 40,899 job losses during the first quarter of 2010. Gross job gains include both openings and expansions; gross job losses include closings and contractions. A majority of the gross job gains and losses can be attributed to expansions and contractions.

Expansions constituted 85 percent of gross job gains, while contractions were 87 percent of gross job losses. There were 33,698 establishments that expanded during the first quarter of 2010, and 6,195 establishment openings. The state also experienced 35,221 establishment contractions and 5,678 closings during that quarter. Establishment closures and contractions were significantly lower than were reported the corresponding quarter, last year.



# Employment Trends

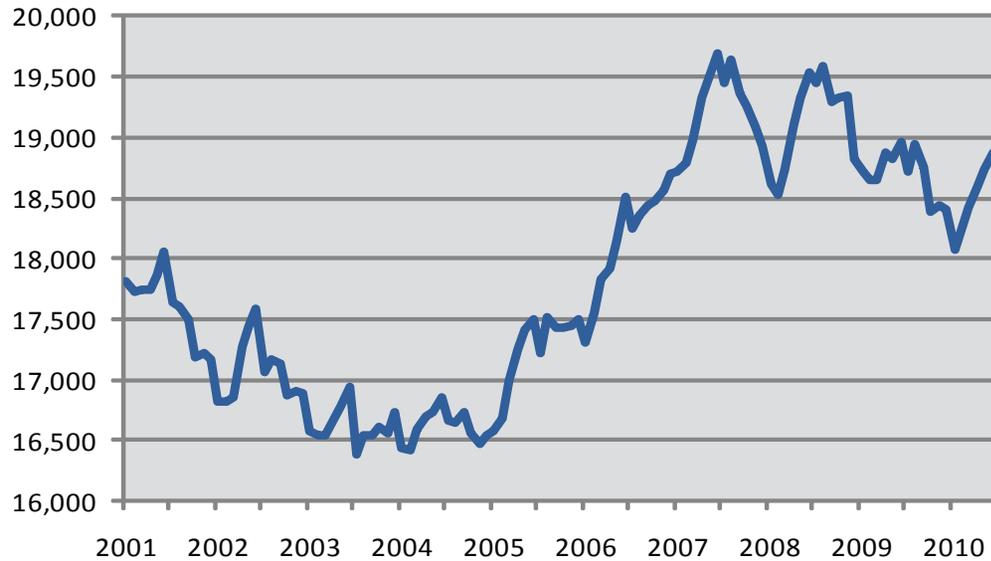
## What is it?

Seasonal fluctuations in employment are apparent in the chart to the right. Trends show that employment in the Columbus MC has been decreasing until July 2003 when the MC started experiencing a steady increase until 2009. Yearly peaks occurred in June and substantial drops between June and July and again between December and January. This trend is also visible in labor force data.

Within the time period of 2001 to 2010, January to January Columbus MC job gains occurred four times and job declines happened five times. The largest January to January employment increase, within the 2001 to 2010 time frame, occurred from 2006 to 2007 with a gain of 8.2%, or 1,419 jobs. The largest January to January employment decrease occurred from 2001 to 2002 with a loss of 5.6%, or 991 jobs.

After the December to January employment loss, the Columbus MC has gained employment for the remainder of the reported months for 2010.

## Total Employment Trends Columbus MC, 2001 to 2nd Quarter 2010



Source: Nebraska Department of Labor, Quarterly Census of Employment and Wages, Released 2010

## How to use it

Knowing historical seasonal fluctuation trends can be beneficial for both workers seeking work and businesses recruiting workers. Higher employment is common during the summer and harvesting months (although agricultural employment is not included in this data) as Construction and Retail Trade are at their peaks. A drop in employment is expected during the winter months and after the holidays, as fewer construction and retail workers are needed.

## Where to find it

Industry data can be found at LMI Home. Under Employment and Wage Data > Industry Data > Quarterly Census of Employment and Wages(QCEW). QCEW data is updated quarterly.



# Local Employment Dynamics: Quarterly Workforce Indicators Columbus MC, 2009 Four Quarter Average

| Industry   | Employment    | Net Job Flows | Job Creation | New Hires    | Separations  | Turnover    | Avg Monthly Earnings | Avg New Hire Earnings |
|--|---------------|---------------|--------------|--------------|--------------|-------------|----------------------|-----------------------|
| Agriculture, Forestry, Fishing and Hunting                               | 528           | -7            | 26           | 123          | 140          | 9.6%        | \$2,403.75           | \$2,080.75            |
| Mining, Quarrying, and Oil and Gas Extraction                            | N/A           | N/A           | N/A          | N/A          | N/A          | 13.8%       | \$2,209.75           | \$925.75              |
| Utilities  | 737           | 3             | 10           | 14           | 16           | 1.7%        | \$5,214.50           | \$3,285.00            |
| Construction   | 1,010         | -43           | 104          | 272          | 348          | 13.6%       | \$3,515.75           | \$4,029.00            |
| Manufacturing  | 5,901         | -107          | 87           | 195          | 365          | 3.6%        | \$3,588.50           | \$3,286.75            |
| Wholesale Trade  | 671           | 6             | 28           | 52           | 57           | 4.9%        | \$3,285.75           | \$2,293.75            |
| Retail Trade   | 1,951         | -16           | 62           | 220          | 276          | 9.0%        | \$1,775.50           | \$1,053.00            |
| Transportation and Warehousing   | 312           | -4            | 12           | 35           | 47           | 7.6%        | \$2,802.25           | \$2,684.50            |
| Information  | 124           | -1            | 3            | 8            | 11           | 6.8%        | \$2,405.25           | \$1,923.25            |
| Finance and Insurance  | 473           | -7            | 7            | 16           | 29           | 4.2%        | \$3,094.50           | \$2,050.25            |
| Real Estate and Rental and Leasing                                       | 154           | N/A           | 7            | 18           | 24           | 8.4%        | \$2,071.75           | \$1,353.00            |
| Professional, Scientific, and Technical Services                         | 455           | 2             | 35           | 49           | 67           | 7.6%        | \$4,719.75           | \$3,144.00            |
| Management of Companies and Enterprises                                  | 34            | N/A           | N/A          | N/A          | 1            | 3.4%        | \$5,012.75           | \$1,948.75            |
| Administrative and Support and Waste Management and Remediation Services | 971           | 86            | 150          | 481          | 456          | 21.7%       | \$1,615.50           | \$1,211.25            |
| Educational Services   | 1,158         | 1             | 26           | 76           | 124          | 5.5%        | \$2,501.50           | \$1,088.00            |
| Health Care and Social Assistance  | 1,656         | 20            | 54           | 164          | 169          | 7.5%        | \$2,675.50           | \$1,576.25            |
| Arts, Entertainment and Recreation                                       | 244           | -11           | 14           | 58           | 95           | 15.1%       | \$772.00             | \$449.75              |
| Accommodation and Food Services  | 1,163         | 15            | 67           | 284          | 294          | 14.2%       | \$986.75             | \$728.25              |
| Other Services (except Public Administration)                            | 474           | -2            | 31           | 56           | 70           | 9.2%        | \$2,040.50           | \$1,424.00            |
| Public Administration  | 600           | 5             | 37           | 45           | 68           | 4.7%        | \$2,510.50           | \$1,593.00            |
| <b>Columbus MC All Industry</b>  | <b>18,629</b> | <b>-52</b>    | <b>770</b>   | <b>2,176</b> | <b>2,667</b> | <b>7.2%</b> | <b>\$2,911.00</b>    | <b>\$1,833.75</b>     |

Source: U.S. Census Bureau, Local Employment Dynamics, Released 2010

**Where to find it**  
Quarterly Workforce Indicators can be found at [lehd.did.census.gov/led/](http://lehd.did.census.gov/led/). Choose QWI under the Tools section.

**How to use it**  
With this data, we can measure the number of stable jobs, assess how businesses and workers react to economic conditions, and determine if industries are growing or declining. The turnover rate reflects movement within businesses as well as growth and decline. The turnover rate is used to calculate costs of training and replacing human resources, and can be influential in a prospective business developer's decision of where to locate.

## Workforce Indicators

### What is it?

Local Employment Dynamics Quarterly Workforce Indicators reveal the movement of workers in and out of the Columbus MC's businesses. During the 2009 four quarter average, the MC's overall employment was 18,629.

There were negative job flows for the state, showing that employment contracted between 2008 and 2009. Large numbers of Separations contributed to this trend.

The Columbus MC had an overall turnover rate of 7.2%. The highest turnover rate was in Administrative and Support and Waste Management and Remediation Services at 21.7%. Utilities had the lowest turnover rate, of 1.7%. This rate is derived by taking half of the hires and separations, then dividing by the stable jobs (total employment). This rate reflects movement within the industry, as well as in and out of the industry.



# Occupational Employment

## What is it?

The Occupational Employment Statistics survey is another method of gathering employment and wage information. Although the employment and wages are estimates, the survey generally has a 90 percent or higher business response rate.

There are 23 major occupation groups, and more than 750 detailed occupations. Occupational employment in the Columbus MC increased between 2008 and 2009 by 260. Construction and Extraction Occupations increased by the greatest amount, with a change of 200 jobs. There were only eight other occupational groups that had a positive employment change (out of 23). Protective Service Occupations and Production Occupations both decreased in employment over the year by 80 jobs within the MC. Production and Office and Administrative Support Occupations employed by far the most workers within the Columbus MC.

Occupational Employment Statistics employment is tabulated once a year. However, the wages for each occupation are updated each quarter to give a more current reflection of wages paid to employees, statewide.



## Employment by Occupation Columbus MC, 2008 to 2009

| Occ Code | Occupational Title   | 2008       | 2009       | Employment |
|----------|--|------------|------------|------------|
|          |  | Employment | Employment | Change     |
| 00-0000  | Total all occupations                                      | 17,210     | 17,470     | 260        |
| 11-0000  | Management Occupations                                     | 450        | 490        | 40         |
| 13-0000  | Business and Financial Operations Occupations              | 440        | 480        | 40         |
| 15-0000  | Computer and Mathematical Occupations                      | 120        | 170        | 50         |
| 17-0000  | Architecture and Engineering Occupations                   | 360        | 440        | 80         |
| 19-0000  | Life, Physical, and Social Science Occupations             | 70         | 70         | 0          |
| 21-0000  | Community and Social Services Occupations                  | 220        | 300        | 80         |
| 23-0000  | Legal Occupations  | N/A        | N/A        | N/A        |
| 25-0000  | Education, Training, and Library Occupations               | 600        | 610        | 10         |
| 27-0000  | Arts, Design, Entertainment, Sports, and Media Occupations | 150        | 150        | 0          |
| 29-0000  | Healthcare Practitioners and Technical Occupations         | 710        | 710        | 0          |
| 31-0000  | Healthcare Support Occupations                             | 300        | 340        | 40         |
| 33-0000  | Protective Service Occupations                             | 310        | 230        | -80        |
| 35-0000  | Food Preparation and Serving-Related Occupations           | 1,300      | 1,250      | -50        |
| 37-0000  | Building and Grounds Cleaning and Maintenance Occupations  | 440        | 420        | -20        |
| 39-0000  | Personal Care and Service Occupations                      | 370        | 350        | -20        |
| 41-0000  | Sales and Related Occupations                              | 1,680      | 1,710      | 30         |
| 43-0000  | Office and Administrative Support Occupations              | 2,190      | 2,120      | -70        |
| 45-0000  | Farming, Fishing, and Forestry Occupations                 | 120        | 90         | -30        |
| 47-0000  | Construction and Extraction Occupations                    | 830        | 1,030      | 200        |
| 49-0000  | Installation, Maintenance, and Repair Occupations          | 740        | 720        | -20        |
| 51-0000  | Production Occupations                                     | 4,830      | 4,750      | -80        |
| 53-0000  | Transportation and Material Moving Occupations             | 990        | 990        | 0          |

Source: Nebraska Department of Labor, Occupational Employment Statistics, Released 2010

## How to use it

Employment by occupation provides a different measure of the Columbus MC's workforce than employment by industry. Occupations are defined by the type of work a person does. Occupational employment looks at each worker within the business and distinguishes their specific job title (i.e., it classifies a person based on the job description rather than the industry of the employer), while an industry is defined by the primary operation of the business or agency.

## Where to find it

Occupational employment and wages can be found at LMI Home. Under Historic Data Analysis Employment and Wage Data > Occupational Data > and Occupation Wage Rates (OES). Occupational Employment Statistics data is updated quarterly.

## Employment by Occupation Columbus MC, Third Quarter 2010

| Standard Occupational Code Title                                    | Estimated<br>Employment<br>May 2009 | Hourly<br>Median<br>Wages | Annual<br>Median<br>Wages |
|---|-------------------------------------|---------------------------|---------------------------|
| Team Assemblers   | 710                                 | \$13.36                   | \$27,797                  |
| Retail Salespersons   | 680                                 | \$8.88                    | \$18,458                  |
| Helpers--Production Workers   | 420                                 | \$9.61                    | \$20,001                  |
| Waiters and Waitresses  | 360                                 | \$7.60                    | \$15,808                  |
| Bookkeeping, Accounting, and Auditing Clerks                        | 340                                 | \$13.68                   | \$28,435                  |
| Welders, Cutters, Solderers, and Brazers                            | 320                                 | \$15.07                   | \$31,353                  |
| Secretaries, Except Legal, Medical, and Executive                   | 310                                 | \$12.60                   | \$26,228                  |
| Cashiers  | 290                                 | \$8.26                    | \$17,185                  |
| Janitors and Cleaners, Except Maids and Housekeeping Cleaners       | 240                                 | \$8.23                    | \$17,117                  |
| Office Clerks, General  | 240                                 | \$10.99                   | \$22,860                  |
| Inspectors, Testers, Sorters, Samplers, and Weighers                | 240                                 | \$15.63                   | \$32,514                  |
| Truck Drivers, Heavy and Tractor-Trailer                            | 240                                 | \$13.25                   | \$27,562                  |
| Cooks, Fast Food  | 210                                 | \$7.55                    | \$15,705                  |
| Sales Reps., Wholesale and Manu., Ex. Tech. and Sci. Products       | 210                                 | \$20.02                   | \$41,628                  |
| Registered Nurses   | 200                                 | \$27.26                   | \$56,698                  |
| Construction Laborers   | 200                                 | \$12.43                   | \$25,852                  |
| Cutting, Punching, and Press Machine Operators, Metal and Plastic   | 190                                 | \$10.94                   | \$22,751                  |
| First-Line Supervisors/Managers of Production and Operating Workers | 180                                 | \$20.88                   | \$43,431                  |
| Laborers and Freight, Stock, and Material Movers, Hand              | 180                                 | \$12.77                   | \$26,562                  |
| General and Operations Managers                                     | 170                                 | \$40.58                   | \$84,406                  |

Source: Nebraska Department of Labor, Occupational Employment Statistics, Released 2010

### Where to find it

Occupational employment and wages can be found at LMI Home. Under Historic Data Analysis Employment and Wage Data > Occupational Data > and Occupation Wage Rates (OES). Occupational Employment Statistics data is updated quarterly.

### How to use it

Occupational employment wage figures are a resource used to give an estimation of common wages paid for most occupations. This could be useful for employers to check what a competitive wage is for posting a new job. It can also be useful for students planning a career path through their education to gain an idea of what they may expect to make, depending upon their choice.

## Occupational Employment

### What is it?

Listed on the left are the top twenty specific occupations for the MC, ranked by estimated employment. Along with that are the corresponding hourly and annual median wages for that occupation.

Of the top twenty occupations listed, Team Assemblers employ the greatest number of workers in the MC with 710. The second largest occupation by employment was Retail Salespersons with 680 employment. The last of the top twenty occupations by employment reported the highest median wages for 2009; General and Operations Managers reported \$84,406. The top occupation by wages, which did not make the top twenty occupations by employment, was Chief Executives making a median annual wage of \$139,459.

Retail Salespersons, were similarly representative of national patterns, ranking high in the top twenty occupations in the MC and the state.



# Nebraska Initial Claims

## What is it?

Initial Claims data tracks individuals who file for Unemployment Insurance benefits. Initial claims are often viewed as a leading indicator for the economy. Rarely are initial claims treated as an accurate data point, singularly, due to high volatility of the data caused by numerous outside variables. Rather, its trend is used to indicate the state of the labor market.

These applications are accepted both electronically and via telephone. Due to the different methods applications are received, demographic information is not always reported during an application for benefits. This is a reason that the figure for Unknown/Not Reported claims in the different demographic categories can vary drastically; specifically, in the table showing claims by race.



## Nebraska Initial Claims Columbus MC, 2010

| Race                                      | Number of Claims |
|---|------------------|
| White                                     | 1,054            |
| Black                                     | 18               |
| Asian                                     | 3                |
| American Indian or Alaska Native          | 15               |
| Native Hawaiian or other Pacific Islander | 2                |
| Unknown/Not Reported                      | 523              |
| Ethnicity                                 |                  |
| Not hispanic or Latino                    | 1,349            |
| Hispanic or Latino                        | 132              |
| Unknown/Not Provided                      | 134              |
| Sex                                       |                  |
| Male                                      | 947              |
| Female                                    | 668              |

Source: Nebraska Department of Labor, Unemployment Insurance Program, Released 2011

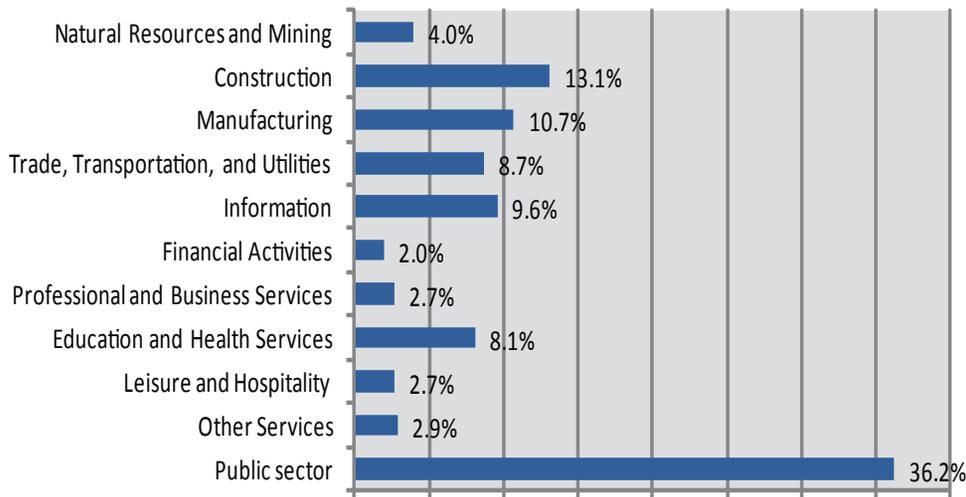
## How to use it

The table above shows annual counts of initial claims by different characteristics. These counts give a picture of the workers affected by decreased demand for labor throughout the state. This could be due to both, seasonality or decreased business for employers. These demographic claims numbers are available through this publication and per request of the Nebraska Department of Labor.

## Where to find it

Basic initial claims data can be viewed at the US Department of Labor's website, (<http://ows.doleta.gov/unemploy/claims.asp>) under the Employment and Training Administration program statistics.

# National Unionization Rates by Industry 2010



0.0% 5.0% 10.0% 15.0% 20.0% 25.0% 30.0% 35.0% 40.0%  
 Note: Includes employed wage and salary workers age 16 and over.  
 Source: Bureau of Labor Statistics, Union Members - 2010, Released 2011

## How to use it

Nationally, full-time workers participated in unions at nearly twice the rate of part-time workers. On average, members earned 27.9% more per week than non-members. The number of workers who were union members declined over 2010 by 4%; following a long term, downward trend. In 1983, the first year with comparable union data available, the national union membership rate was 20.1% with 17.7 million union workers. In 2010, union members accounted for 11.9% of employed and salary workers, with 14.7 million union members.

## Where to find it

Union Membership data can be found at [www.bls.gov](http://www.bls.gov), choose the Economic Releases tab and click on Union Members under Employment & Unemployment.

# Unionization Rates

## What is it?

Unionization rates measure the level of participation of employees in unions throughout the labor force. National unionization rates differ dramatically between the private and public sector. The public sector, Government, has the highest industry unionization rate, with 36.2% of employees participating in a union. More public sector employees (7.6 million) belonged to a union than did private employees (7.1 million), despite there being almost five times more wage and salary workers in the private sector.

In the private sector, Financial activities has the lowest rate of unionization, with 2.0%, followed by Leisure and Hospitality and Professional and Business Services both having 2.7%.

Private sectors with sizable portions of their workforce participating in unions include: Construction (13.1%), Manufacturing (10.7%), and Information (9.6%). Nebraska's union membership rate rose from 9.2% in 2009 to 9.3% in 2010.

## Nebraska Unionization Rates 2010

|                                | 2009    | 2010    |
|--------------------------------|---------|---------|
| Total Employed                 | 823,000 | 813,000 |
| Total Union Members            | 76,000  | 75,000  |
| Percent Union Members          | 9.2%    | 9.3%    |
| Total Representation by Unions | 94,000  | 96,000  |
| Percent Represented by Unions  | 11.4%   | 11.8%   |

Note: Includes employed wage and salary workers age 16 and over.  
 Source: Bureau of Labor Statistics, Union Members in 2010, Released 2011

# Industry Projections

## What is it?

Industry employment projections are based on historical, statistical and subjective analysis of industry trends. Long-term industry projections are produced every two years and the results are then used as an input into occupational projections.

Several of the Northeast Economic Region's industries are projected to experience significant growth by 2018. The industries expected to see the largest growth rates are Health Care and Social Assistance (21.4%), Administrative and Waste Management Services (16.4%), and Professional, Scientific, and Technical Services (16.0%). Agriculture, Forestry, and Fishing (-10.2%), Information (-1.6%), and Mining (-1.1%) are likely to decline.

Between 2006 and 2016, the Region's industry employment is expected to grow at a Compound Annual Growth Rate (CAGR) of 0.61% for a total gain of 6.2%, or 8,171 projected jobs. Nebraska industry growth is projected at a rate of 10.4% with 106,152 total openings.

## Long Term Industry Employment Projections Northeast Economic Region, 2008 to 2018

| Industry   | 2008 Annual Employment | 2018 Projected Employment | Change in Employment 2008-2018 | Percent Change (%) | Compound Annual Growth Rate (%) |
|--|------------------------|---------------------------|--------------------------------|--------------------|---------------------------------|
| Agriculture, Forestry, and Fishing                   | 17,651                 | 15,856                    | -1,795                         | -10.2              | -1.07                           |
| Mining   | 89                     | 88                        | -1                             | -1.1               | -0.11                           |
| Utilities (including private + local)                | 1,278                  | 1,289                     | 11                             | 0.9                | 0.09                            |
| Construction   | 5,222                  | 6,000                     | 778                            | 14.9               | 1.40                            |
| Manufacturing  | 24,406                 | 24,442                    | 36                             | 0.1                | 0.01                            |
| Wholesale Trade                                      | 6,426                  | 6,562                     | 136                            | 2.1                | 0.21                            |
| Retail Trade   | 12,684                 | 12,972                    | 288                            | 2.3                | 0.22                            |
| Transportation and Warehousing                       | 3,990                  | 4,362                     | 372                            | 9.3                | 0.90                            |
| Information  | 1,211                  | 1,192                     | -19                            | -1.6               | -0.16                           |
| Finance and Insurance                                | 4,180                  | 4,644                     | 464                            | 11.1               | 1.06                            |
| Real Estate and Rental and Leasing                   | 709                    | 757                       | 48                             | 6.8                | 0.66                            |
| Professional, Scientific, and Technical Services     | 2,077                  | 2,410                     | 333                            | 16.0               | 1.50                            |
| Management of Companies and Enterprises              | 476                    | 501                       | 25                             | 5.3                | 0.51                            |
| Administrative & Waste Management Services           | 3,752                  | 4,366                     | 614                            | 16.4               | 1.53                            |
| Educational Services (including state and local gov) | 11,289                 | 13,424                    | 2,135                          | 18.9               | 1.75                            |
| Health Care and Social Assistance                    | 13,740                 | 16,687                    | 2,947                          | 21.4               | 1.96                            |
| Arts, Entertainment, and Recreation                  | 1,016                  | 1,062                     | 46                             | 4.5                | 0.44                            |
| Accommodation and Food Services                      | 6,797                  | 7,254                     | 457                            | 6.7                | 0.65                            |
| Other Services (except Government)                   | 4,798                  | 5,228                     | 430                            | 9.0                | 0.86                            |
| Government   | 9,386                  | 10,252                    | 866                            | 9.2                | 0.89                            |
| <b>Total Northeast Economic Region</b>               | <b>131,177</b>         | <b>139,348</b>            | <b>8,171</b>                   | <b>6.2</b>         | <b>0.61</b>                     |

Source: Nebraska Department of Labor, 2008-2018 Long Term Industry Projections, Released 2010

## How to use it

The Compound Annual Growth Rate (CAGR) is the year-over-year rate of growth in a given time period. However, this should only be used to estimate the employment for each given year, as this does not account for fluctuating growth. Nebraska's industry employment CAGR between 2008 and 2018 is 1.0%; using the 2008 total employment of 1,023,593 to estimate the growth after five years would result in an estimated increase of 52,214 and a 2013 employment of 1,075,806.

## Where to find it

Long-term industry projections can be found at LMI Home. Under Historic Data Analysis > Employment and Wage Data > Industry Data > Industry Employment and Projections (Long Term).



# Long Term Occupational Employment Projections Northeast Economic Region, 2008 to 2018

| SOC Title  | 2008 Est. Employment | 2018 Proj. Employment | Growth Openings | Replacement Openings | Total Openings | Numeric Change | Percent Change (%) |
|--|----------------------|-----------------------|-----------------|----------------------|----------------|----------------|--------------------|
| Management Occupations                                     | 7,936                | 8,004                 | 253             | 1,761                | 2,014          | 68             | 0.9                |
| Business and Financial Operations Occupations              | 3,560                | 4,090                 | 539             | 695                  | 1,234          | 530            | 14.9               |
| Computer and Mathematical Occupations                      | 896                  | 1,010                 | 131             | 182                  | 313            | 114            | 12.7               |
| Architecture and Engineering Occupations                   | 1,041                | 1,095                 | 72              | 223                  | 295            | 54             | 5.2                |
| Life, Physical, and Social Science Occupations             | 698                  | 800                   | 104             | 206                  | 310            | 102            | 14.6               |
| Community and Social Services Occupations                  | 1,616                | 1,926                 | 311             | 352                  | 663            | 310            | 19.2               |
| Legal Occupations  | 250                  | 283                   | 33              | 42                   | 75             | 33             | 13.2               |
| Education, Training, and Library Occupations               | 7,256                | 8,727                 | 1,471           | 1,602                | 3,073          | 1,471          | 20.3               |
| Arts, Design, Entertainment, Sports, and Media Occupations | 1,187                | 1,318                 | 141             | 306                  | 447            | 131            | 11.0               |
| Healthcare Practitioners and Technical Occupations         | 6,300                | 7,697                 | 1,397           | 1,324                | 2,721          | 1,397          | 22.2               |
| Healthcare Support Occupations                             | 3,500                | 4,198                 | 701             | 380                  | 1,081          | 698            | 19.9               |
| Protective Service Occupations                             | 1,509                | 1,676                 | 167             | 539                  | 706            | 167            | 11.1               |
| Food Preparation and Serving Related Occupations           | 8,210                | 8,971                 | 766             | 2,711                | 3,477          | 761            | 9.3                |
| Building and Grounds Cleaning and Maintenance Occupations  | 4,603                | 4,810                 | 241             | 772                  | 1,013          | 207            | 4.5                |
| Personal Care and Service Occupations                      | 3,775                | 4,226                 | 455             | 882                  | 1,337          | 451            | 11.9               |
| Sales and Related Occupations                              | 12,996               | 13,481                | 520             | 4,048                | 4,568          | 485            | 3.7                |
| Office and Administrative Support Occupations              | 18,481               | 19,493                | 1,346           | 3,716                | 5,062          | 1,012          | 5.5                |
| Farming, Fishing, and Forestry Occupations                 | 12,378               | 11,113                | 30              | 3,307                | 3,337          | -1,265         | -10.2              |
| Construction and Extraction Occupations                    | 5,831                | 6,406                 | 579             | 1,099                | 1,678          | 575            | 9.9                |
| Installation, Maintenance, and Repair Occupations          | 5,940                | 6,400                 | 478             | 1,176                | 1,654          | 460            | 7.7                |
| Production Occupations                                     | 19,817               | 20,330                | 883             | 4,503                | 5,386          | 513            | 2.6                |
| Transportation and Material Moving Occupations             | 10,897               | 11,097                | 515             | 2,450                | 2,965          | 200            | 1.8                |
| <b>Total, All Occupations Northeast Economic Region</b>    | <b>138,677</b>       | <b>147,151</b>        | <b>11,133</b>   | <b>32,276</b>        | <b>43,409</b>  | <b>8,474</b>   | <b>6.1</b>         |

Source: Nebraska Department of Labor, 2008-2018 Long Term Occupational Projections, Released 2010

## How to use it

Job growth is a good indicator of the overall performance of the economy in an area. When jobs are being created in a region, it generally means the region is growing and is able to support additional use of resources.

## Where to find it

Long-term occupation projections can be found at LMI Home. Under Current Data Analysis > Occupation Specific Data > Employment and Wage Data > Employment and Future Employment Outlook.

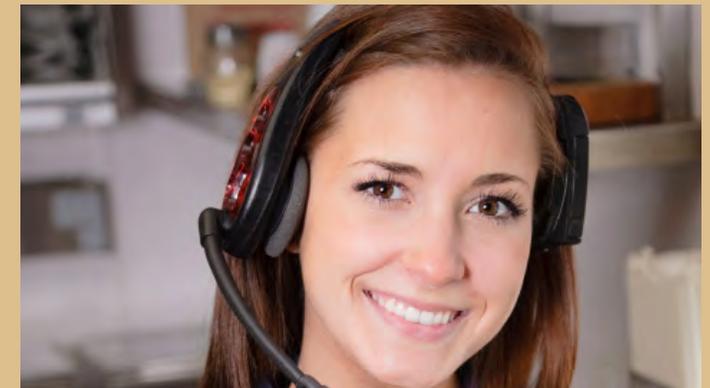
## Occupational Projections

### What is it?

Applying industry staffing patterns from the most recent Occupational Employment Statistics survey to industry projections provides forecasts for occupational demand by industry for as many as 750 different job titles.

All major group occupations are projected to see an increase in employment between 2008 and 2018. Healthcare Practitioners and Technical occupations are anticipated to see the largest employment percent change in the region at 22.2% over the ten year period.

Registered Nurses are projected to add the most jobs (580) of all detailed occupations in the Northeast Economic Region.



# Employment Projections

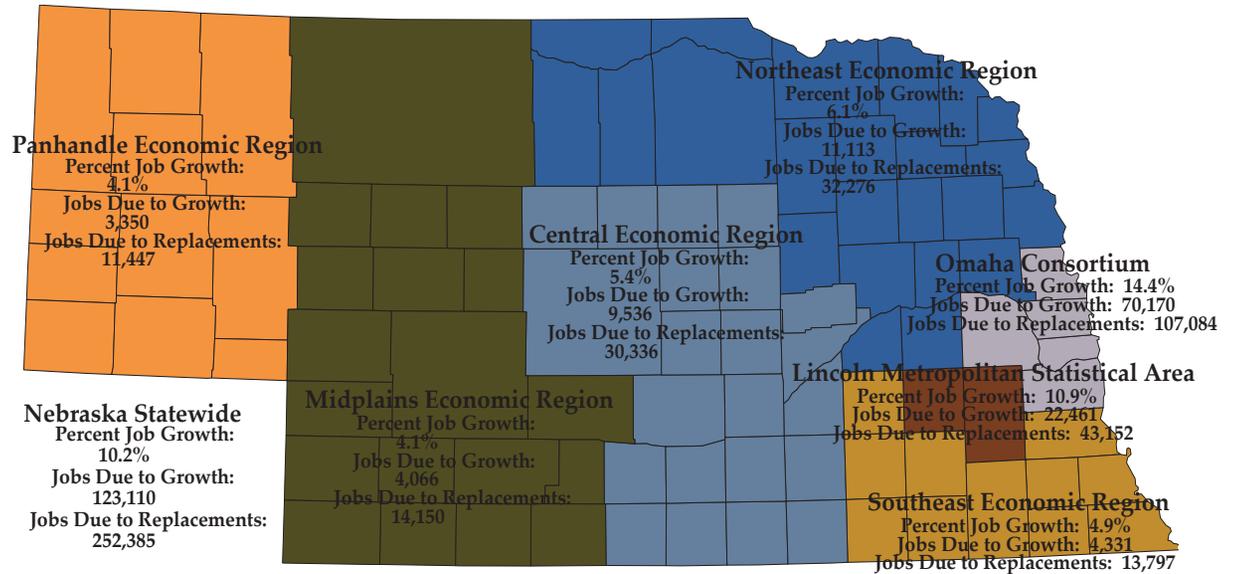
## What is it?

Employment projections provide current and forecasted economic trends. According to the current long-term occupational projections, each region in Nebraska is expected to see an increase in employment over the next several years.

The Northeast Economic Region is expected to see a job change of 6.1% by 2018, which includes over 11,000 growth openings. About 375,000 total openings are expected between 2008 and 2018 across the state, increasing total occupational employment by 123,110, or 10.2%. National growth of 10.1% is expected also between 2008 and 2018.

The Omaha Consortium will see the largest growth (14.4%), with 70,170 projected openings from growth and 107,084 openings from replacements. In 2008, the Omaha Consortium constituted more than 40 percent of statewide employment.

## Projected Employment Change by Economic Region 2008 to 2018



Source: Nebraska Department of Labor, 2008-2018 Long Term Occupational Projections, Released 2010

## How to use it

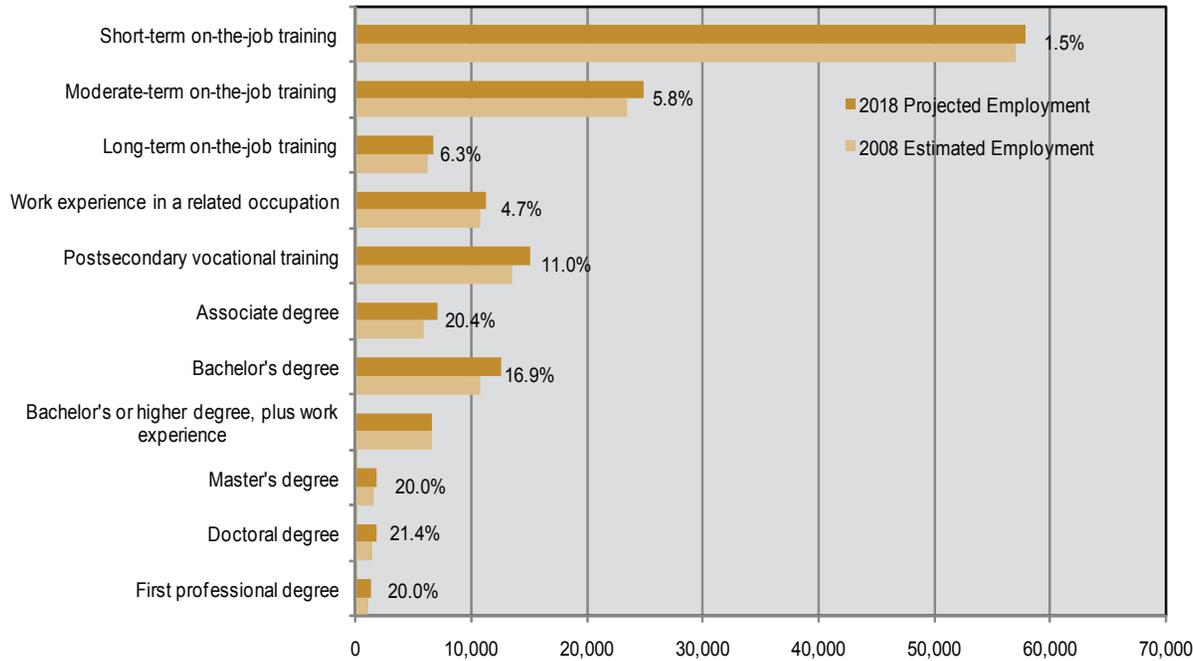
Identifying which regions of the state are expected to have the largest growth is beneficial to educators, businesses and communities. Employment forecasting can be used in strategic planning for the future to better prepare organizations and communities for upcoming changes. By knowing the areas that are expected to experience rapid growth, areas where there will be increasing demand for a talented workforce can be identified. However, regions can only reach the projected growth if the labor force is there to meet employment needs.

## Where to find it

Long-term occupation projections can be found at LMI Home. Under Current Data Analysis > Occupation Specific Data > Employment and Wage Data > Employment and Future Employment Outlook.



# Projected Employment Change by Educational Level Northeast Economic Region, 2008 to 2018



Source: Nebraska Department of Labor, 2008-2018 Long Term Occupational Projections, Released 2010

## How to use it

Information on occupational projections by education is valuable to training officials, education planners, vocational and employment counselors, students and job seekers. This information can be utilized to determine what levels of training will be required in the future and how to plan accordingly to meet these needs. The chart above shows 2008 estimates as well as 2018 projections of jobs per education level. At the end of each set of bars is the estimated percent change over the ten year period.

## Where to find it

Projected Employment Change by Education Level can be found at LMI Home. Under Labor Market Data > Data Download Center > Occupational Employment Projections > Long Term files > the tab labeled "Education".

# Employment Projections

Projections

## What is it?

Occupational projections data can be examined by education and training. There are eleven educational and training categories that are determined by the level most often required for that occupation, sometimes an employer will require more or less.

The 2008 estimated employment levels show employment concentrations in the two lowest levels of training. The next highest level of employment is in occupations that require a postsecondary vocational training.

There are more annual openings for jobs that require lower levels of education and training than for jobs that require higher degrees. However, when the growth rate is considered, jobs requiring higher degrees are expected to grow more rapidly. This shows that employers are expected to require a higher skilled workforce in the future.



# Demand Occupations

## What is it?

The occupations listed in the table represent the top 20 high wage, skill and demand occupations. These occupations typically offer above average wages, require a higher than average level of education or skill and have a high level of demand. Demand is determined by the number of annual openings, the net change in employment and the growth rate.

A large portion of the top occupations require a Bachelor's degree in the Northeast Economic Region. Education, Training and Library has four occupations falling into the top 20 High Wage, High Skill and High Demand occupations. Another three fall into the Business and Financial Operations occupational category. This shows a need for highly skilled labor in these occupations in the Region.

## High Wage, High Skill and High Demand Occupations Northeast Economic Region, 2010

| Rank | SOC Title  | Avg Annual Opening | Avg Hourly Wage | Education & Training                    |
|------|--|--------------------|-----------------|---|
| 1    | Registered Nurses  | 99                 | \$25.34         | Associate degree                        |
| 2    | Truck Drivers, Heavy and Tractor-Trailer   | 100                | \$17.58         | Postsecondary vocational training       |
| 3    | Elementary School Teachers, Except Special Education   | 58                 | NA              | Bachelor's degree                       |
| 4    | Licensed Practical and Licensed Vocational Nurses  | 45                 | \$16.63         | Postsecondary vocational training       |
| 5    | Secondary School Teachers, Except Special and Vocational Education                           | 39                 | NA              | Bachelor's degree                       |
| 6    | Middle School Teachers, Except Special and Vocational Education                              | 25                 | NA              | Bachelor's degree                       |
| 7    | Accountants and Auditors   | 25                 | \$29.97         | Bachelor's degree                       |
| 8    | Sales Representatives, Wholesale and Manufacturing, Except Technical and Scientific Products | 41                 | \$22.87         | Work experience in a related occupation |
| 9    | Computer-Controlled Machine Tool Operators, Metal and Plastic                                | 19                 | \$17.36         | Associate degree                        |
| 10   | Heating, Air Conditioning, and Refrigeration Mechanics and Installers                        | 14                 | \$17.86         | Postsecondary vocational training       |
| 11   | First-Line Supervisors/Managers of Office and Administrative                                 | 23                 | \$18.56         | Work experience in a related occupation |
| 12   | Electrical Power-Line Installers and Repairers   | 17                 | \$23.97         | Associate degree                        |
| 13   | Business Operations Specialists, All Other   | 18                 | \$43.85         | Bachelor's degree                       |
| 14   | First-Line Supervisors/Managers of Retail Sales Workers                                      | 30                 | \$17.39         | Work experience in a related occupation |
| 15   | Electricians   | 21                 | \$18.81         | Postsecondary vocational training       |
| 16   | Postsecondary Teachers, All Other  | NA                 | NA              | Doctoral degree                         |
| 17   | Automotive Service Technicians and Mechanics   | 19                 | \$16.58         | Postsecondary vocational training       |
| 18   | Police and Sheriff's Patrol Officers   | 17                 | \$17.18         | Long-term on-the-job training           |
| 19   | Loan Officers  | 11                 | \$28.53         | Bachelor's degree                       |
| 20   | Public Relations Specialists   | 10                 | \$20.73         | Bachelor's degree                       |

Source: Nebraska Department of Labor, 2008-2018 Long Term Occupational Projections, Released 2010

Source: Nebraska Department of Labor, Occupational Employment Statistics 3rd Quarter 2010, Released 2010

## How to use it

Identifying which occupations offer high wages, requires skilled workers and are expected to be in demand is useful for students, counselors and people changing careers. This is especially important for people who have been laid off and are starting over in new careers. Educational institutions may use the information to ensure that they are providing the education people need to supply skilled workers for the state's businesses.

## Where to find it

Contact the Office of Labor Market Information for additional information about High Wage, High Skill and High Demand Occupations.



# Occupations by Industry Nebraska Statewide, 2010

| Industry                             | Largest Occupation   | 2008 Estimated Employment | 2018 Projected Employment | Numeric Change | Percent Change (%) |
|--------------------------------------|--|---------------------------|---------------------------|----------------|--------------------|
| Natural Resources and Mining         | Farmworkers and Laborers, Crop, Nursery, and Greenhouse            | 60,517                    | 53,390                    | -7,127         | -11.8%             |
| Construction                         | Carpenters   | 49,107                    | 58,968                    | 9,861          | 20.1%              |
| Manufacturing                        | Meat, Poultry, and Fish Cutters and Trimmers                       | 101,401                   | 103,745                   | 2,344          | 2.3%               |
| Trade, Transportation, and Utilities | Retail Salespersons  | 212,465                   | 229,570                   | 17,105         | 8.1%               |
| Information                          | Customer Service Representatives                                   | 18,768                    | 18,896                    | 128            | 0.7%               |
| Financial Activities                 | Customer Service Representatives                                   | 69,253                    | 77,502                    | 8,249          | 11.9%              |
| Professional and Business Services   | Janitors and Cleaners, Except Maids and Housekeeping Cleaners      | 105,555                   | 126,121                   | 20,566         | 19.5%              |
| Education and Health Services        | Registered Nurses  | 217,495                   | 255,212                   | 37,717         | 17.3%              |
| Leisure and Hospitality              | Combined Food Preparation and Serving Workers, Including Fast Food | 82,609                    | 91,603                    | 8,994          | 10.9%              |
| Other Services                       | Hairdressers, Hairstylists, and Cosmetologists                     | 36,064                    | 39,048                    | 2,984          | 8.3%               |
| Government                           | Police and Sheriffs Patrol Officers                                | 70,359                    | 75,690                    | 5,331          | 8.0%               |

Source: Nebraska Department of Labor, 2008-2018 Long Term Occupational Projections, Released 2010

## Industries and Occupations

Projections

### What is it?

The chart shows the occupational projections for the largest occupation within the major industry groups based on 2008 estimated employment. Looking at projections from this perspective helps give more detail to the projections as occupations can vary widely from industry to industry.

Customer Service Representatives are the top occupation for both the Information and Financial Activities industries. Individuals employed in this occupation in either industry would perform the basic job duties of interacting with customers, answering questions about products and services and handling customer complaints. However, someone employed in the Information industry would be dealing with a different type of clientele than someone employed in the Professional and Business Services industry.

### How to use it

Knowing what occupations emerge across industries is useful for many groups of people. Examining the data in this way gives students more of an idea of what types of industries employ people in their chosen field as well as the occupational outlook for these occupations. It is also useful to people switching careers and for assisting dislocated workers. They can be helpful in identifying where skills could be transferred as well as the employment projection for these occupations within different industries.

### Where to find it

Occupations by Industry can be found at LMI Home. Under Publications > Get More > Nebraska Occupational and Industry Projections Publication.



## Area Definitions

Labor Market Regional Reviews are available for ten identified Micropolitan Statistical Areas, the Lincoln Metropolitan Statistical Area, and the Omaha Consortium. The publications are available in PDF format on the Nebraska Department of Labor Website at [networks.nebraska.gov/analyzer](http://networks.nebraska.gov/analyzer). Printed copies can be ordered by calling 1-800-876-1377.

As much as possible, the most local data available is provided for each data element. In some cases data for a larger area must be presented to ensure confidentiality of individuals and businesses. Definitions for geographic areas used in this publication are shown below.

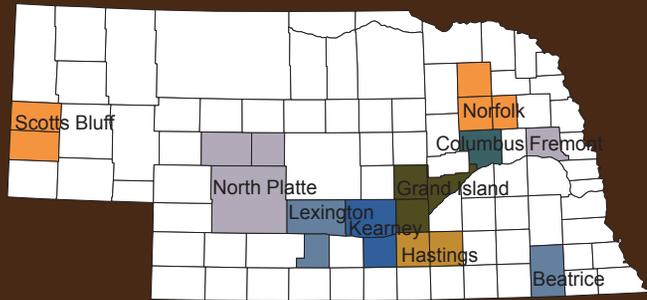
The federal Office of Management and Budget (OMB) defines metropolitan and micropolitan statistical areas to collect, tabulate, and publish federal data. Metropolitan and micropolitan statistical areas are defined by a core area with a specific population, along with adjacent communities with a high level of social or economic integration with the core area. Both metropolitan and micropolitan statistical areas may be a single county or may include multiple counties.

### Micropolitan Statistical Areas

Micropolitan Statistical Areas are defined as a core population of between 10,000 and 50,000 residents, as well as areas with a high degree of social and economic integration. In Nebraska, there are ten micropolitan statistical areas which can be seen on the map to the left.

### Metropolitan Statistical Areas

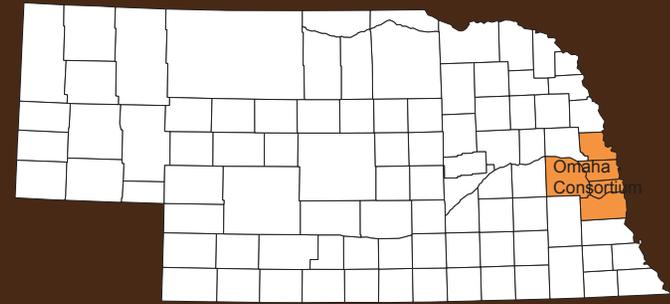
A Metropolitan Statistical Area is defined as an urban area with at least 50,000 residents. Adjacent counties with a high degree of social and economic ties to the core area are included in the metropolitan statistical area. Nebraska has two metropolitan statistical areas: Omaha and Lincoln. The Sioux City metropolitan statistical area includes counties in Nebraska; however, because the population core is in Iowa, it is considered an Iowa metropolitan statistical area.



## Area Definitions

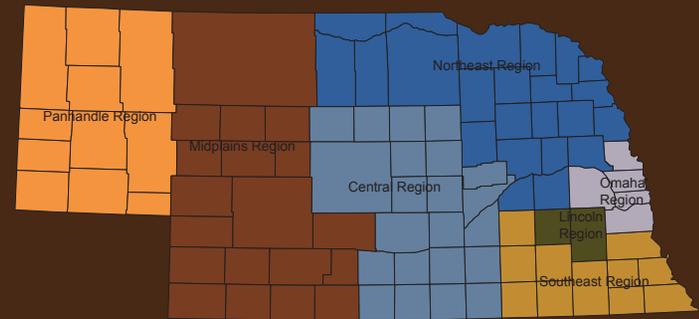
### Omaha Consortium

The Omaha Metropolitan Statistical Area includes eight counties: five in Nebraska and three in Iowa. The Omaha Consortium includes only those counties in the Omaha Metropolitan Statistical Area that are located in Nebraska. This need for the Omaha Consortium is due to the inability to compile some data for areas that cross state lines.



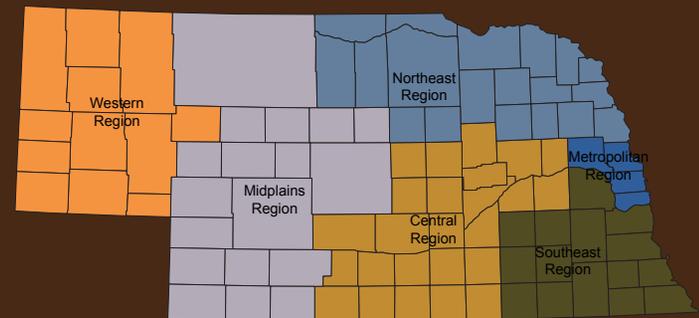
### Economic Regions

Nebraska has seven Economic Regions: Panhandle, Midplains, Central, Northeast, Southeast, Lincoln and Omaha. The Lincoln Region is comprised of Lancaster and Seward counties, and the Omaha region is comprised of Cass, Douglas, Sarpy, Saunders and Washington counties. The other five regions are comprised of the remaining 86 counties in the state.



### Community College Regions

There are six Community College service regions in Nebraska. Service regions follow county boundaries with two exceptions. Northeast Community College serves the northern edge of Boone County and Western Nebraska Community College serves the western edge of Cherry County.



## Contact Information

For questions about any topics related to Nebraska's labor market, or to request a printed copy of a report mentioned in this publication, please contact the Office of Labor Market Information at any of the numbers listed below. You may also contact the Office of Labor Market Information at [ndol.lmi\\_ne@nebraska.gov](mailto:ndol.lmi_ne@nebraska.gov) or visit us on the Web at [networks.nebraska.gov/analyzer](http://networks.nebraska.gov/analyzer).

Office of Labor Market Information: The home page can be found at [networks.nebraska.gov/analyzer](http://networks.nebraska.gov/analyzer); this page is referred to as LMI Home.  
(402) 471-2600 or 1-800-876-1377

Affirmative Action Data: Data is available to assist employers in evaluating the percentage of women and minorities in the workforce and in establishing goals in order to improve participation rates among these groups.  
(402) 471-2600 or 1-800-876-1377

Census Information: Assistance in obtaining decennial Census, American Community Survey, population estimates, and other U.S. Census Bureau information is available.  
(402) 471-2600 or 1-800-876-1377

Cost of Living and Inflation: Consumer Price Indexes (CPI) program produces monthly data on changes in the prices paid by urban consumers for a representative basket of goods and services.  
(402) 471-2600 or 1-800-876-1377

Filing for Unemployment: Apply for unemployment insurance benefits at [dol.nebraska.gov](http://dol.nebraska.gov); under for workers, click on Filing for Unemployment Insurance.  
(402) 458-2800

Labor Laws: Minimum wage, employee wage payment & collection, child labor, lunch periods, private employment agencies, contractor registration, non-English speaking employees, medical examinations, wage garnishments and other employment related laws are available at [dol.nebraska.gov](http://dol.nebraska.gov); click on Safety & Labor Standards.  
(402) 471-2239

Licensed and Certified Occupations: Links to information and licensing authorities are available at [networks.nebraska.gov/analyzer](http://networks.nebraska.gov/analyzer); click on Publications.  
(402) 471-9629 or 1-800-876-1377

Nebraska Workforce Trends: To view the monthly e-newsletter's current and previous issues visit [networks.nebraska.gov/analyzer](http://networks.nebraska.gov/analyzer) and click on Nebraska Workforce Trends.  
(402) 471-2600 or 1-800-876-1377

O\*NET: Assistance with the national database of occupational information products including O\*NET Online, [onlineonetcenter.org](http://onlineonetcenter.org); O\*NET Code Connector, [onetcodeconnector.org](http://onetcodeconnector.org); and O\*NET Resource Center; [onetcenter.org](http://onetcenter.org), is available.  
(402) 471-2600 or 1-800-876-1377

UI Connect: To file and pay unemployment insurance taxes, employers can visit [dol.nebraska.gov](http://dol.nebraska.gov); under for employers, click on File Unemployment Taxes.  
(402) 471-9898

Work Opportunity Tax Credits and Welfare to Work Tax Credits: Information for employers to hire employees from 10 "targeted groups" who have historically had difficulty finding employment can be obtained from [dol.nebraska.gov](http://dol.nebraska.gov); click on Get Tax Credits under For Employers in the center of the page.  
(402) 471-2776 or (402) 471-9734

Worker Training Grants: Information for employers training incumbent workers is available at [dol.nebraska.gov](http://dol.nebraska.gov); click on For Employers and select Train Your Employees.  
(402) 471-9977