Aging Impact: Industry Analysis, Nebraska and Iowa

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SCOTT STRAIN
Road Map

Data Sources

Identify key industries in Nebraska and Iowa

Identify industries with a significant concentration of “Seasoned Workers”

Future Research
Data Sources


Employment Distribution and Location Quotients by North American Industry Classification System (NAICS)

U.S. Census Bureau, Center for Economic Studies, Longitudinal Employer-Household Dynamics (http://lehd.ces.census.gov/)

Industry Employment by Age and NAICS
Key Industry Identification, Location Quotient

Concentration of an industry in a geographic area relative to the nation

Value of 80 to 120 means the region is roughly similar to the U.S.
Key Industry Identification, Employment Distribution

Percentage of total state employment in an industry
Key Industry Identification, LQ and Employment Distribution
Key Industry Identification: Nebraska, LQs vs. Employment Distribution
Key Industry Identification: Iowa, LQs vs. Employment Distribution

[Graph showing the relationship between Location Quotients (LQ) and Employment Distribution (%) for various industries such as Ag, Transportation & Warehousing, Finance & Insurance, Manufacturing, Retail, etc.]
Industry Watch List

Nebraska
- Manufacturing
- Finance & Insurance
- Transportation & Warehousing
- Wholesale
- Ag
- Healthcare & Social Services
- Professional, Scientific & Technical
- Management of Companies & Enterprises

Iowa
- Manufacturing
- Finance & Insurance
- Transportation & Warehousing
- Wholesale
- Ag
- Healthcare & Social Services
Key Industry and Seasoned Worker Identification, Location Quotient

Concentration of an industry in a geographic area relative to the nation

Value of 80 to 120 means the region is roughly similar to the U.S.
Key Industry and Seasoned Worker Identification, Seasoned Worker Quotient

**Industry concentration of workers 45 years old and older relative to the overall state concentration of workers 45 years old or older**

\[
SWQ = \frac{\text{Industry Workers 45plus/Total Industry Workers}}{\text{Workers 45plus – all industries/Total Workers – all industries}}
\]

Seasoned Worker Quotient (SWQ)
Key Industry and Seasoned Worker Identification, LQ vs. SWQ
Key Industry and Seasoned Worker Identification, Nebraska LQ vs. SWQ
Key Industry and Seasoned Worker Identification, Iowa LQ vs. SWQ
# Industry Priority List

## Nebraska
- Manufacturing
- Finance & Insurance
- Transportation & Warehousing
- Wholesale

- *Education Services*
- *Public Administration*
- *Utilities*

- *Healthcare & Social Services*

## Iowa
- Manufacturing
- Transportation & Warehousing
- Wholesale

- *Education Services*
- *Public Administration*
- *Utilities*

- *Healthcare & Social Services*
Further Research

Local investigation
Industry growth & growth relative to the U.S.
Size of firm
Age of firm
Wages & wage growth
Education pipeline
Q&A
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