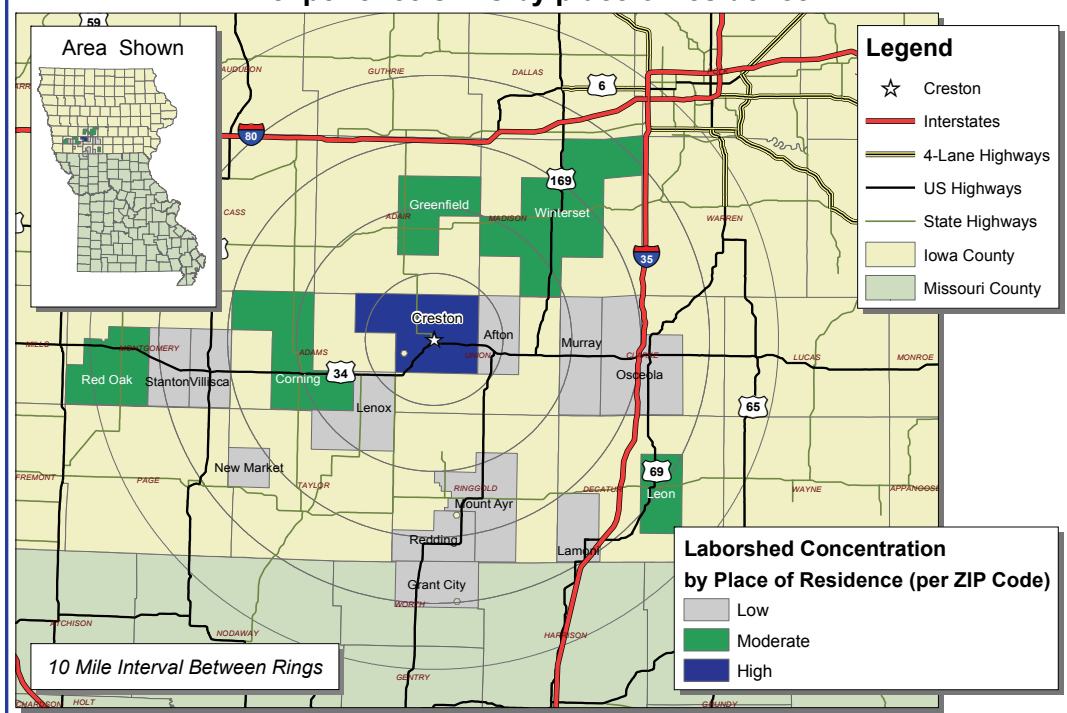


Labor Characteristics

Biotechnology

Union County, Iowa Laborshed

Concentration of those with transferable experience/skills by place of residence



Workers who have transferable experience/skills in the Laborshed area are currently commuting an average of 13 miles one way for work. Those who are willing to change/accept employment are willing to commute an average of 18 miles one way for the right employment opportunity.

Employment Status:

86.3% Employed

- 29.5% of the employed are willing to change employment

5.9% Unemployed

- 66.7% of the unemployed are willing to accept employment

3.9% Homemakers, Not Employed

3.9% Retired

Education Levels:

- 52.9% Education beyond high school
- 3.9% Trade certified
- 7.8% Associate degree
- 17.7% Undergraduate degree
- 2.0% Postgraduate degree

Flexibility in the Workplace:

(by percent of interest)

- Job teams - 100%
- Cross-training - 94.1%
- Job sharing - 41.2%
- Varied shifts (2nd, 3rd, & split) - 41.2%
- Temporary work - 35.3%
- Seasonal work - 29.4%

Other Facts:

- 74.5% paid an hourly wage
- 86.3% are/were employed full-time
- 13.7% are/were employed part-time
- 6.8% hold two or more jobs
- Currently working an average of 42 hrs/week

Current Benefits:

- Health/medical insurance - 89.7%
- Pension/retirement/401K - 61.5%
- Dental coverage - 48.7%
- Life insurance - 33.3%
- Paid vacation - 33.3%
- Vision coverage - 28.2%
- Paid holidays - 25.6%
- Disability insurance - 23.1%
- Paid sick leave - 20.5%
- Prescription drug coverage - 12.8%

Desired Benefits:

(by percent of interest)

- Health/medical insurance - 83.3%
- Pension/retirement/401K - 50.0%
- Paid vacation - 50.0%
- Dental coverage - 38.9%
- Vision coverage - 38.9%
- Paid holidays - 22.2%
- Paid sick leave - 16.7%
- Life insurance - 11.1%

Top Advertising Media:

(for those seeking employment opportunities)

- The Internet
 - www.iowaworkforce.org
 - www.monster.com
- Iowa Workforce Development Centers
- Local/Regional Newspapers
 - The Des Moines Register
 - Creston News Advertiser
- Networking through friends, family, & acquaintances

Estimated Potential Available

Labor Per Occupational Category:

Business Operations:

- Compliance Officers - 89
- Computer Software Engineers - 90

Production:

- Engineering Managers - 88
- Supervisors - 444
- Agricultural Workers - 266
- Cutters & Trimmers - 164
- Dietitians & Nutritionists - 175
- Engineering Techs - 177
- Engineers, All Other - 85
- Environmental Science & Protection Techs - 179
- Environmental Scientists & Specialists - 94
- Graders & Sorters, Agricultural Products - 85
- Healthcare Support Workers - 93
- Inspectors - 170
- Installation, Maintenance, & Repair Workers - 96
- Licensed Practical & Vocational Nurses - 92
- Life, Physical, & Social Science Techs - 92
- Medical & Clinical Laboratory Technologists & Technicians - 178
- Pharmacy Techs - 266
- Production Workers, All Other - 1,419
- Water & Liquid Waste Treatment Plant & System Operators - 180

An estimated total of 4,522 people in the Laborshed area



Underemployment:

Total Underemployment - 9.8%

- Low hours - 3.9%
- Mismatch of skills - 5.9%
- Low income - 0.0%

IWD only counts individuals once when estimating Total Underemployment.

Iowa Workforce Development Region 14 aggregated wage data was also extracted from the Iowa Wage Survey and is provided in the table on page 2 which reflects mean, entry, experienced, and median wages.

Occupation	Occupational Code	Mean Wage	Entry Wage	Experienced Wage	Median Wage
Agricultural Inspectors	45-2011	\$ 25.44	\$ 20.54	\$ 27.89	\$ 24.70
Compliance Officers, Except Agriculture, Construction, Health and Safety, and Transportation	13-1041	\$ 19.77	\$ 13.68	\$ 22.83	\$ 17.95
Computer Programmers	15-1021	\$ 31.34	\$ 22.19	\$ 35.91	\$ 26.03
Computer Support Specialists	15-1041	\$ 21.54	\$ 15.83	\$ 24.38	\$ 20.10
Conservation Scientists	19-1031	\$ 28.08	\$ 16.01	\$ 34.11	\$ 24.62
Environmental Science and Protection Technicians, Including Health	19-4091	\$ 12.43	\$ 8.67	\$ 14.31	\$ 10.91
First-Line Supervisors/Managers of Farming, Fishing, and Forestry Workers	45-1011	\$ 24.04	\$ 20.69	\$ 25.72	\$ 24.11
First-Line Supervisors/Managers of Production and Operating Workers	51-1011	\$ 24.28	\$ 17.25	\$ 27.80	\$ 23.98
Forest and Conservation Technicians	19-4093	\$ 19.94	\$ 16.78	\$ 21.52	\$ 20.41
General and Operations Managers	11-1021	\$ 44.90	\$ 27.09	\$ 53.80	\$ 39.03
Healthcare Support Workers, All Other	31-9099	\$ 11.86	\$ 9.93	\$ 12.82	\$ 11.82
Helpers--Production Workers	51-9198	\$ 13.50	\$ 10.12	\$ 15.21	\$ 11.74
Industrial Engineering Technicians	17-3026	\$ 30.31	\$ 21.69	\$ 34.62	\$ 29.11
Industrial Engineers	17-2112	\$ 30.96	\$ 22.95	\$ 34.96	\$ 30.78
Inspectors, Testers, Sorters, Samplers, and Weighers	51-9061	\$ 14.46	\$ 10.70	\$ 16.34	\$ 14.20
Licensed Practical and Licensed Vocational Nurses	29-2061	\$ 17.88	\$ 15.09	\$ 19.28	\$ 17.77
Maintenance and Repair Workers, General	49-9042	\$ 16.95	\$ 12.86	\$ 18.99	\$ 16.92
Managers, All Other	11-9199	\$ 32.99	\$ 18.76	\$ 40.11	\$ 24.53
Market Research Analysts	19-3021	\$ 17.13	\$ 10.99	\$ 20.21	\$ 13.15
Mechanical Engineers	17-2141	\$ 29.63	\$ 23.67	\$ 32.61	\$ 28.52
Medical and Clinical Laboratory Technicians	29-2012	\$ 19.05	\$ 14.93	\$ 21.10	\$ 19.61
Medical and Clinical Laboratory Technologists	29-2011	\$ 21.60	\$ 17.87	\$ 23.46	\$ 21.70
Pharmacy Technicians	29-2052	\$ 15.65	\$ 13.16	\$ 16.91	\$ 14.69
Purchasing Agents and Buyers, Farm Products	13-1021	\$ 22.26	\$ 17.33	\$ 24.73	\$ 21.62
Truck Drivers, Heavy and Tractor-Trailer	53-3032	\$ 18.58	\$ 11.62	\$ 22.06	\$ 18.09
Water and Liquid Waste Treatment Plant and System Operators	51-8031	\$ 17.52	\$ 15.06	\$ 18.75	\$ 16.94

This Iowa Wage Survey for the Iowa Workforce Development (IWD) Region 14 service area was produced by the Labor Force & Occupational Analysis Bureau to provide communities local information on wages by occupation. This publication was developed specifically for the IWD Region 14 service area. The source of the wage and employment data is the 2010 Iowa Wage Survey. Additional data from the Iowa Wage Survey for individual counties, Iowa Workforce Development regions, and by industry statewide are available on the Iowa Workforce Development web site located at www.iowaworkforce.org.

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