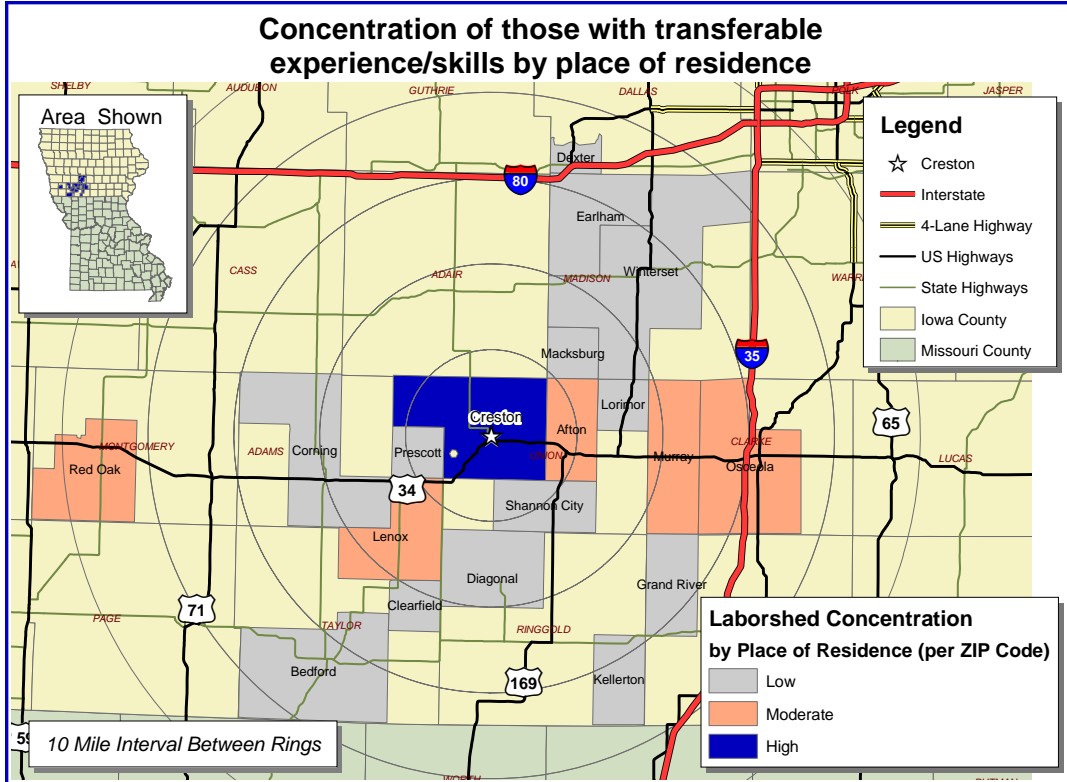


# Labor Characteristics

## Biotechnology

### Union County, Iowa



### Potential Available Labor Per Occupational Category:

#### Business Operations:

- Operation Research Analysts - 76
- Computer Software Engineers - 68

#### Biotechnology:

- Supervisors - 498
- Engineers & Engineering Technicians - 162
- Conservation & Environmental Scientists - 155
- Dietitians - 336
- Physicians & Surgeons - 80
- Medical Laboratory Technicians & Technologists - 182
- Dietetic Technicians - 183
- Licensed Practical & Vocational Nurses - 498
- Health Care Support Workers - 93
- Millwrights - 82
- Installation & Maintenance - 249
- Bakers & Food Batchmakers - 169
- Water & Liquid System Operators - 85
- Inspectors & Testers - 417
- Production Workers - 1,582
- Laborers & Stock Movers - 98

An estimated total of **5,013** people in the Laborshed area

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:

- 80.3% Employed**
  - 24.5% of the employed are willing to change employment
- 8.2% Unemployed**
- 3.3% Homemakers, Not Employed**
- 8.2% Retired**

#### Education Levels:

- 49.2% Education beyond high school
- 6.6% Vocational training
- 9.8% Associate degree
- 11.5% Undergraduate degree
- 8.2% Postgraduate degree

#### Flexibility in the Workplace:

- (by percent of interest)
- Cross-training - 77.3%
  - Varied shifts (2nd, 3rd, & split) - 31.8%
  - Job sharing - 40.9%
  - Job teams - 72.7%
  - Seasonal work - 38.1%
  - Temporary work - 28.6%

#### Other Facts:

- 77.2% paid an hourly wage
- 82.0% are/were employed full-time
- 18.0% are/were employed part-time
- 10.2% hold two or more jobs
- Currently working an average of 40 hrs/week

#### Current Benefits:

- Health/medical insurance - 96.2%
- Pension/retirement/401K - 67.3%
- Dental coverage - 46.2%
- Paid vacation - 30.8%
- Paid holidays - 28.8%
- Vision coverage - 25.0%
- Life insurance - 23.1%
- Paid sick leave - 23.1%
- Disability insurance - 13.5%
- Prescription drug coverage - 13.5%

#### Desired Benefits:

- (by percent of interest)
- Health/medical insurance - 90.0%
  - Pension/retirement/401K - 35.0%
  - Paid sick leave - 20.0%
  - Paid vacation - 20.0%
  - Dental coverage - 10.0%
  - Disability insurance - 10.0%
  - Life insurance - 10.0%
  - Paid holiday - 10.0%
  - Prescription drugs - 10.0%
  - Vision coverage - 10.0%

#### Top Advertising Media:

- (for those seeking employment opportunities)
- Local/Regional Newspapers
    - Creston News Advertiser
    - The Des Moines Register
    - Red Oak Express
  - Iowa Workforce Development Centers
  - The Internet
  - Networking through friends, family, & acquaintances

#### Underemployment:

- Total Underemployment - 8.2%
- Low hours - 3.3%
  - Mismatch of skills - 3.3%
  - Low income - 3.3%

IWD only counts individuals once when estimating Total Underemployment.



#### For more information on the Union County Laborshed Analysis, contact:

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Information was compiled by Iowa Workforce Development using 2009 data.

Occupation	Occupational Code	Mean Wage	Entry Wage	Experienced Wage	Median Wage
Agricultural Inspectors	45-2011	\$ 24.91	\$ 22.54	\$ 26.09	\$ 24.61
Conservation Scientists	19-1031	\$ 25.06	\$ 16.25	\$ 29.47	\$ 23.80
Dietitians and Nutritionists	29-1031	\$ 28.41	\$ 15.45	\$ 34.88	\$ 21.40
Family and General Practitioners	29-1062	\$ 68.85	\$ 62.16	>\$70	\$ 69.18
Forest and Conservation Technicians	19-4093	\$ 18.91	\$ 15.39	\$ 20.67	\$ 18.78
Healthcare Practitioners and Technical Workers, All Other	29-9099	\$ 23.12	\$ 17.58	\$ 25.89	\$ 23.69
Laborers and Freight, Stock, and Material Movers, Hand	53-7062	\$ 12.53	\$ 9.28	\$ 14.15	\$ 11.39
Licensed Practical and Licensed Vocational Nurses	29-2061	\$ 15.21	\$ 12.64	\$ 16.50	\$ 14.99
Maintenance and Repair Workers, General	49-9042	\$ 15.99	\$ 12.16	\$ 17.90	\$ 15.93
Medical and Clinical Laboratory Technicians	29-2012	\$ 16.15	\$ 12.64	\$ 17.91	\$ 15.29
Medical and Clinical Laboratory Technologists	29-2011	\$ 21.13	\$ 17.57	\$ 22.91	\$ 21.12
Medical and Health Services Managers	11-9111	\$ 30.82	\$ 23.04	\$ 34.71	\$ 28.53
Medical Assistants	31-9092	\$ 12.19	\$ 9.37	\$ 13.61	\$ 12.93
Medical Records and Health Information Technicians	29-2071	\$ 12.70	\$ 10.10	\$ 14.02	\$ 12.94
Pharmacy Technicians	29-2052	\$ 13.66	\$ 10.75	\$ 15.13	\$ 14.12
Registered Nurses	29-1111	\$ 22.30	\$ 17.76	\$ 24.58	\$ 21.37
Respiratory Therapists	29-1126	\$ 21.05	\$ 18.84	\$ 22.16	\$ 21.19
Sales Representatives, Wholesale and Manufacturing, Technical and Scientific Products	41-4011	\$ 30.61	\$ 18.73	\$ 36.55	\$ 26.11

This Iowa Wage Survey for the Iowa Workforce Development (IWD) Region 14 service area was produced by the Labor Force & Occupational Analysis 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 2007 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](http://www.iowaworkforce.org).