

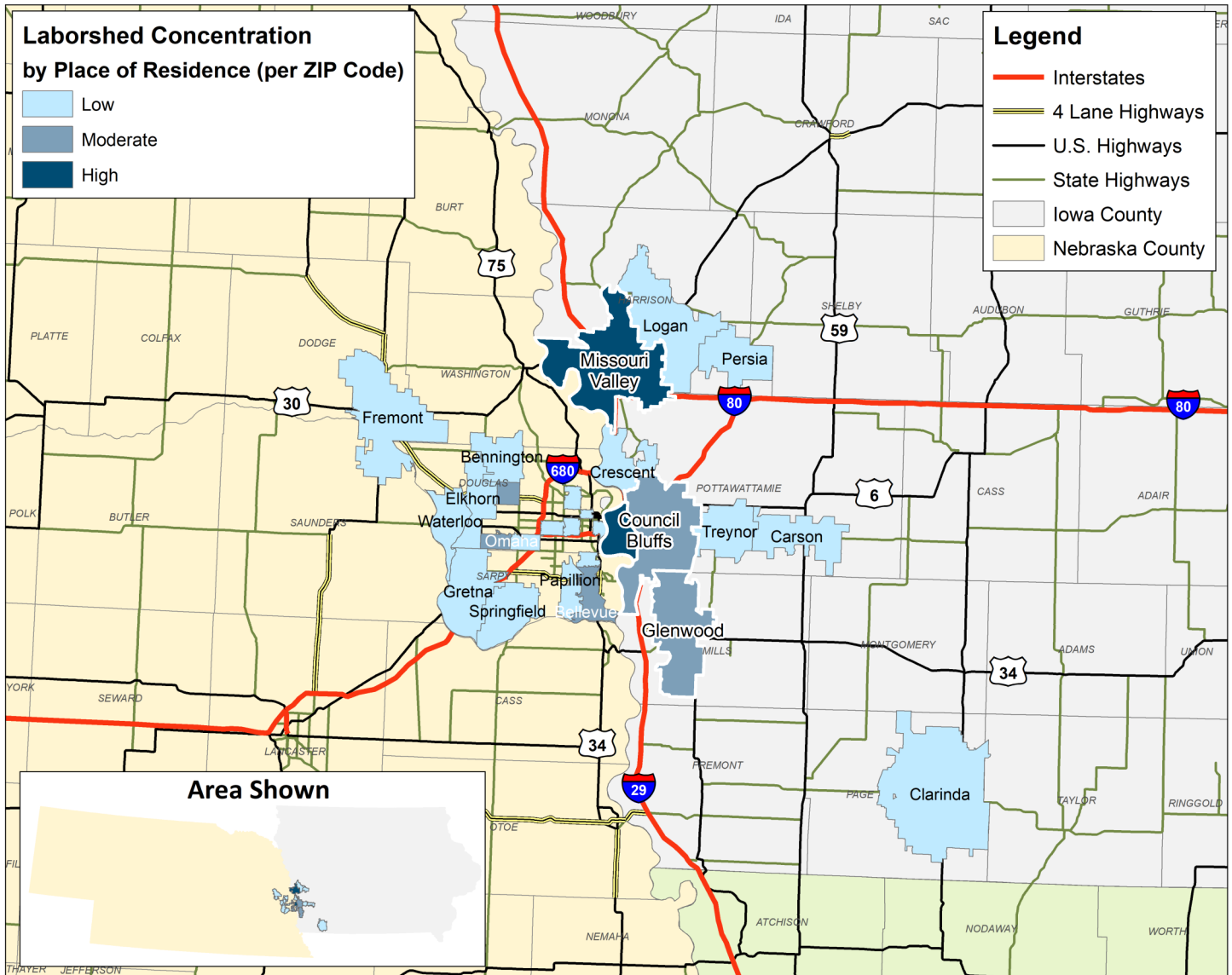
# LABOR CHARACTERISTICS



## BIOTECHNOLOGY

### GREATER COUNCIL BLUFFS REGION

CONCENTRATION OF RESPONDENTS WITHIN THE LABORSHED AREA WITH TRANSFERABLE EXPERIENCE/SKILLS BY PLACE OF RESIDENCE



Workers who have transferable experience/skills in the industry are currently commuting an average of 17 miles one way for work. Those who are likely to change/accept employment are willing to commute an average of 22 miles one way for the right employment opportunity.

FOR MORE INFORMATION REGARDING THE GREATER COUNCIL BLUFFS REGIONAL LABORSHED, CONTACT:

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Glenwood, IA 51534

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# LABOR CHARACTERISTICS



# BIOTECHNOLOGY

## ESTIMATED AVAILABLE LABOR PER OCCUPATIONAL CATEGORY:

- Agricultural Workers, All Other - 2.1%
- Buyers and Purchasing Agents, Farm Products - 2.1%
- Chemical Equipment Operators and Tenders - 2.1%
- Chemists - 2.1%
- Dietetic Technicians - 4.3%
- Engineering Technicians, Except Drafters, All Other - 4.3%
- Engineers, All Other - 12.8%
- Environmental Engineers - 4.3%
- Environmental Scientists and Specialists, Including Health - 2.1%
- Farmers, Ranchers, and Other Agricultural Managers - 19.1%
- First-Line Supervisors of Production and Operating Workers - 8.5%
- Foresters - 2.1%
- Industrial Production Managers - 14.9%
- Life, Physical, and Social Science Technicians, All Other - 2.1%
- Medical and Clinical Laboratory Technicians - 8.5%
- Medical and Clinical Laboratory Technologists - 2.1%
- Natural Sciences Managers - 2.1%
- Veterinary Technologists and Technicians - 2.1%
- Water and Wastewater Treatment Plant and System Operators - 2.1%

## UNDEREMPLOYMENT (ESTIMATED):

- Low hours - 2.1%
- Low income - 0.0%
- Mismatch of skills - 4.3%
- Total - 4.3%

*(Individuals counted only once when estimating Total Underemployment.)*



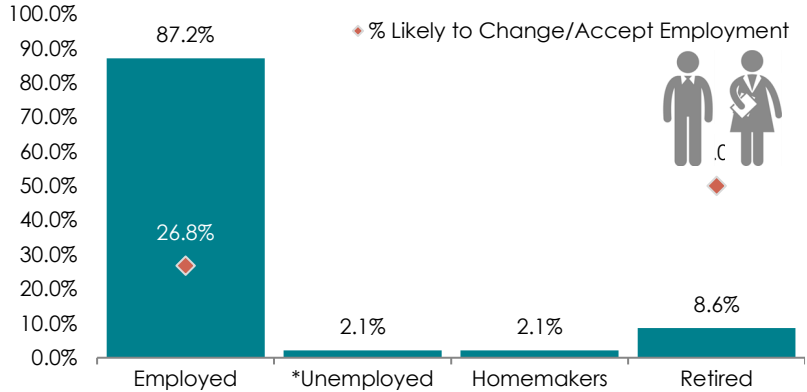
## CURRENT BENEFITS:



## DESIRED BENEFITS:



## ESTIMATED TOTAL BY EMPLOYMENT STATUS (PERCENTAGE):



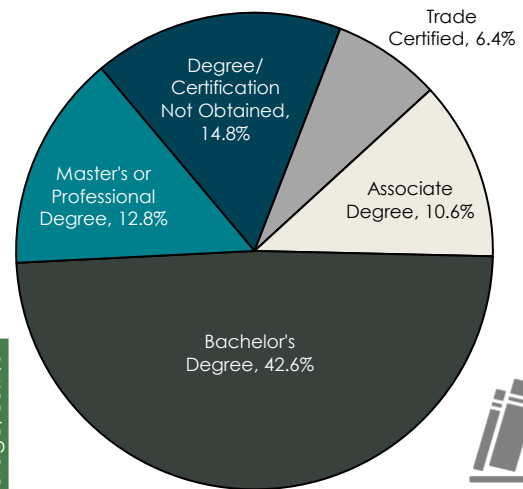
*\*Employment status is self-identified by the survey respondent. The unemployment percentage does not reflect the unemployment rate published by the U.S. Bureau of Labor Statistics, which applies a stricter definition.*

## EMPLOYMENT STATS:

- 46.8% paid an annual salary
- 95.7% are/were employed full-time
- 4.3% are/were employed part-time
- 26.8% are/were self-employed
- 9.8% hold two or more jobs
- Currently working an average of 48 hours/week

## EDUCATIONAL LEVEL:

**(87.2% HAVE AN EDUCATION BEYOND HIGH SCHOOL)**



## TOP JOB SEARCH RESOURCES:

*(For those seeking employment opportunities, by use.)*

- Internet - 84.4%
  - [www.indeed.com](http://www.indeed.com)
  - [www.linkedin.com](http://www.linkedin.com)
  - Company/Organization Websites
- Networking through friends, family or acquaintances - 46.7%
- IowaWORKS Centers - 15.6%
- Private Employment Services - 13.3%



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# BIOTECHNOLOGY

OCCUPATION	OCCUPATIONAL CODE	MEAN WAGE	ENTRY WAGE	EXPERIENCED WAGE	MEDIAN WAGE	MEAN ANNUAL SALARY
Agricultural Inspectors	45-2011	\$22.91	\$17.76	\$25.48	\$21.62	\$47,644
Agricultural Workers, All Other	45-2099	N.A.	N.A.	N.A.	N.A.	N.A.
Animal Breeders	45-2021	N.A.	N.A.	N.A.	N.A.	N.A.
Chemical Equipment Operators and Tenders	51-9011	\$28.10	\$20.50	\$31.90	\$24.22	\$58,443
Chemical Plant and System Operators	51-8091	N.A.	N.A.	N.A.	N.A.	N.A.
Chemical Technicians	19-4031	\$21.33	\$16.50	\$23.74	\$22.83	\$44,363
Conservation Scientists	19-1031	\$28.97	\$21.07	\$32.92	\$27.11	\$60,258
Cooling and Freezing Equipment Operators and Tenders	51-9193	\$21.05	\$18.71	\$22.22	\$20.44	\$43,780
Farmers, Ranchers, and Other Agricultural Managers	11-9013	\$53.57	\$21.29	\$69.72	\$55.42	\$111,432
Farmworkers and Laborers, Crop, Nursery, and Greenhouse	45-2092	\$13.62	\$11.07	\$14.90	\$11.87	\$28,328
Farmworkers, Farm, Ranch, and Aquacultural Animals	45-2093	\$16.27	\$13.15	\$17.84	\$15.47	\$33,851
First-Line Supervisors of Farming, Fishing, and Forestry Workers	45-1011	\$29.55	\$19.43	\$34.62	\$32.16	\$61,474
First-Line Supervisors of Production and Operating Workers	51-1011	\$31.39	\$22.54	\$35.82	\$30.48	\$65,290
Food Scientists and Technologists	19-1012	\$30.99	\$26.32	\$33.32	\$28.49	\$64,449
Graders and Sorters, Agricultural Products	45-2041	\$19.52	\$18.53	\$20.01	\$19.34	\$40,602
Industrial Engineers	17-2112	\$40.71	\$29.20	\$46.46	\$38.45	\$84,677
Industrial Production Managers	11-3051	\$49.45	\$32.22	\$58.06	\$47.74	\$102,848
Inspectors, Testers, Sorters, Samplers, and Weighers	51-9061	\$21.85	\$17.87	\$23.84	\$20.77	\$45,452
Plant and System Operators, All Other	51-8099	N.A.	N.A.	N.A.	N.A.	N.A.
Separating, Filtering, Clarifying, Precipitating, and Still Machine Setters, Operators, and Tenders	51-9012	\$22.43	\$17.07	\$25.11	\$22.58	\$46,648
Soil and Plant Scientists	19-1013	\$32.11	\$17.77	\$39.27	\$29.39	\$66,779
Veterinary Technologists and Technicians	29-2056	\$18.32	\$14.98	\$19.98	\$17.81	\$38,099
Water and Wastewater Treatment Plant and System Operators	51-8031	\$24.91	\$18.99	\$27.87	\$24.93	\$51,819

The 2023 Iowa Wage data for the Greater Council Bluffs Laborshed area was produced by the Labor Force & Occupational Analysis Bureau to provide communities local information on wages by occupation. The source of the wage and employment data is based on the Short Term (2022-2024) Western Iowa LWDA OEWS estimates. Additional occupational wage and employment data can be found at <https://workforce.iowa.gov/laborshed>.

Balance of data compiled by Iowa Workforce Development using Laborshed data released in 2024.