

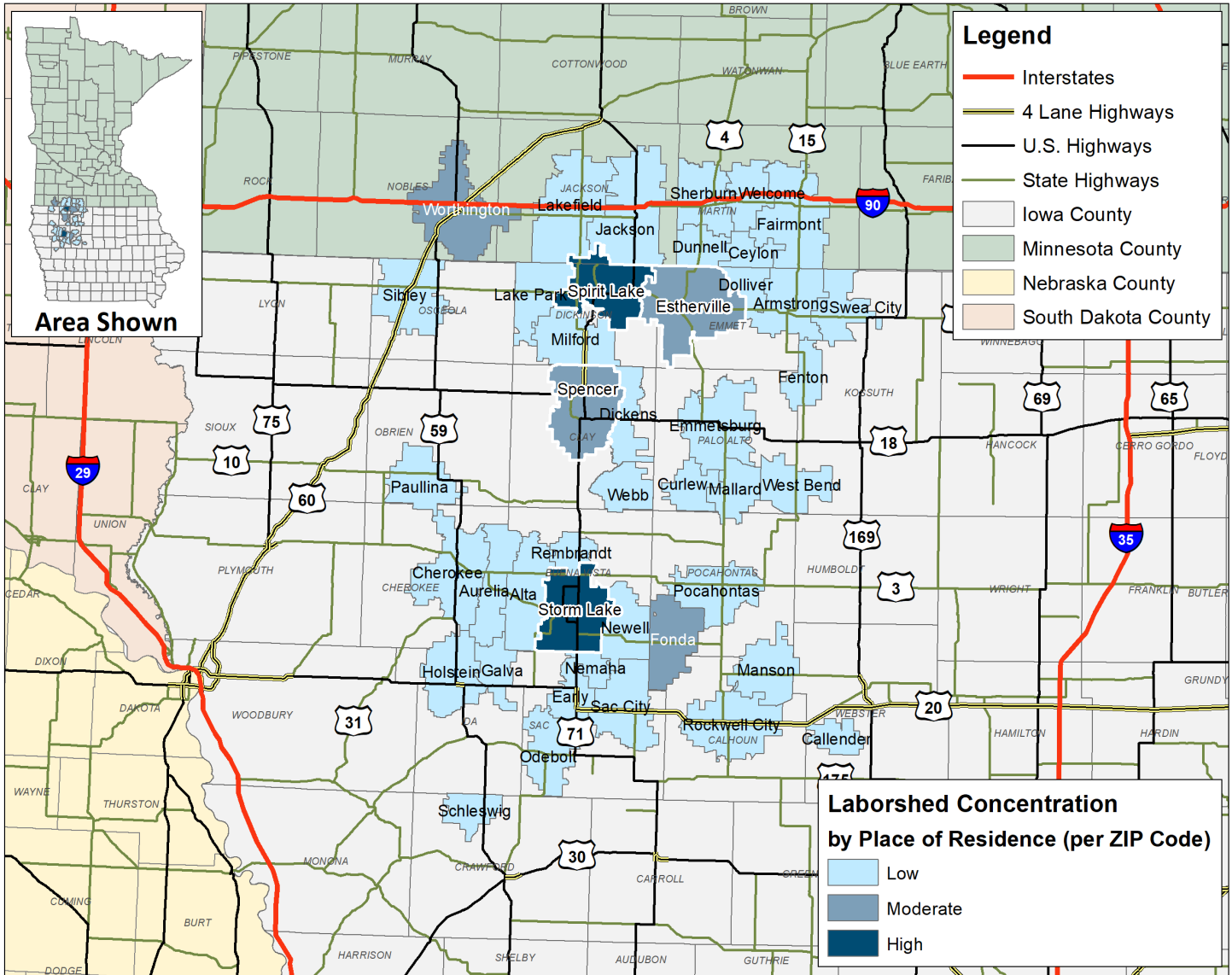
# LABOR CHARACTERISTICS

## BIOTECHNOLOGY



### IOWA LAKES CORRIDOR REGIONAL LABORSHED AREA

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 9 miles one way for work. Those who are likely to change/accept employment are willing to commute an average of 27 miles one way for the right employment opportunity.

FOR MORE INFORMATION REGARDING THE IOWA LAKES CORRIDOR REGIONAL LABORSHED, CONTACT:

# LABOR CHARACTERISTICS



# BIOTECHNOLOGY

## ESTIMATED AVAILABLE LABOR PER OCCUPATIONAL CATEGORY:

- Agricultural Workers, All Other - 2.7%
- Architectural and Engineering Managers - 0.9%
- Biological Scientists, All Other - 0.9%
- Buyers and Purchasing Agents, Farm Products - 0.9%
- Chemical Technicians - 0.9%
- Dietetic Technicians - 3.6%
- Dietitians and Nutritionists - 1.8%
- Engineers, All Other - 6.3%
- Environmental Engineering Technicians - 0.9%
- Farmers, Ranchers, and Other Agricultural Managers - 42.9%
- Farmworkers and Laborers, Crop, Nursery, and Greenhouse - 4.5%
- Farmworkers, Farm, Ranch, and Aquacultural Animals - 1.8%
- First-Line Supervisors of Farming, Fishing, and Forestry Workers - 1.8%
- First-Line Supervisors of Production and Operating Workers - 8.9%
- Industrial Engineers - 1.8%
- Industrial Production Managers - 6.3%
- Inspectors, Testers, Sorters, Samplers, and Weighers - 3.6%
- Medical and Clinical Laboratory Technicians - 2.7%
- Medical and Clinical Laboratory Technologists - 2.7%
- Soil and Plant Scientists - 1.8%
- Veterinary Technologists and Technicians - 0.9%
- Water and Wastewater Treatment Plant and System Operators - 1.8%

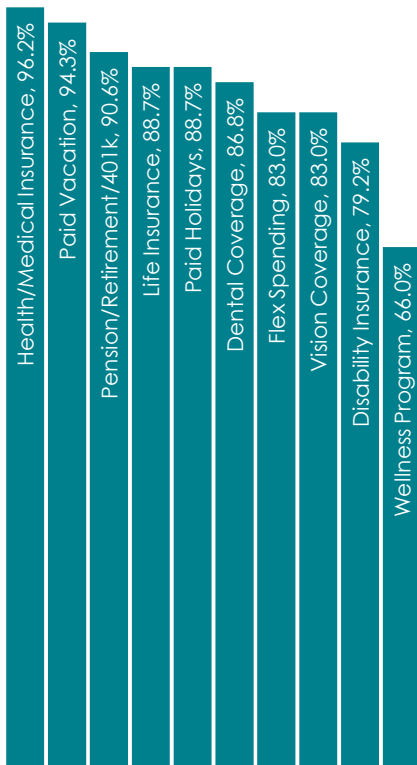
## UNDEREMPLOYMENT (ESTIMATED):

- Low hours - 0.9%
- Low income - 0.9%
- Mismatch of skills - 8.0%
- Total - 9.8%

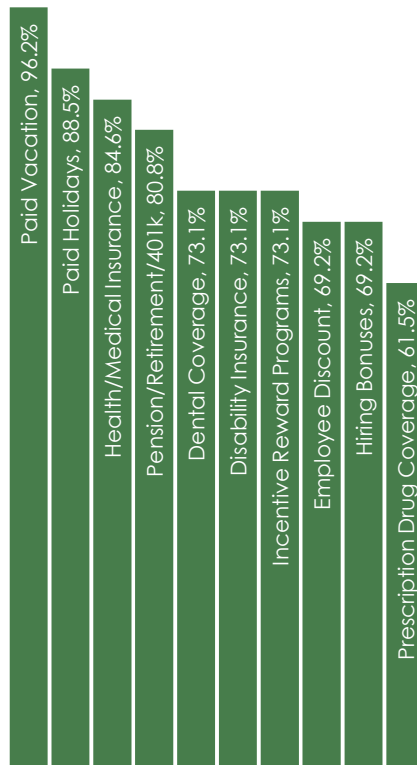
*(Individuals counted only once when estimating Total Underemployment.)*



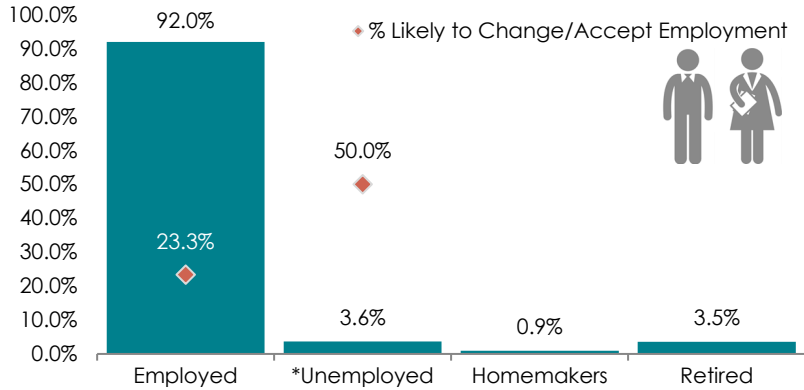
## CURRENT BENEFITS:



## DESIRED BENEFITS:



## ESTIMATED TOTAL BY EMPLOYMENT STATUS (PERCENTAGE):



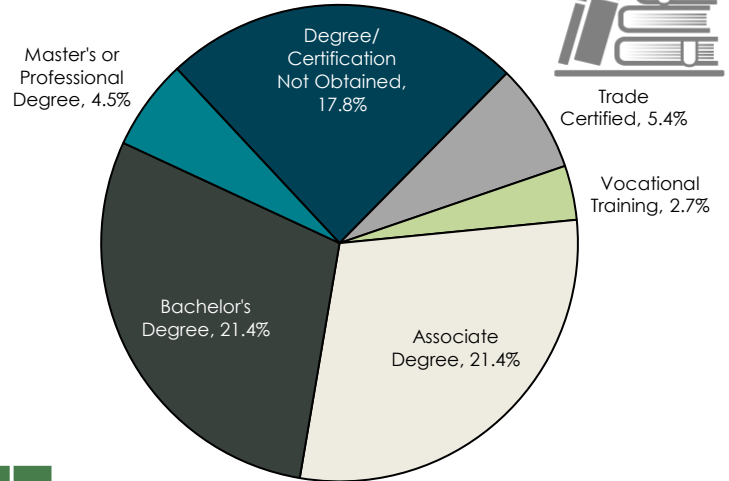
*\*Employment status is self-identified by the survey respondent. The unemployment percentage does not reflect the unemployment rate published by the U.S. Bureau of Labor Statistics, which applies a stricter definition.*

## EMPLOYMENT STATS:

- 47.3% paid an annual salary
- 91.1% are/were employed full-time
- 8.9% are/were employed part-time
- 52.4% are/were self-employed
- 27.2% hold two or more jobs
- Currently working an average of 52 hours/week

## EDUCATIONAL LEVEL:

**(73.2% HAVE AN EDUCATION BEYOND HIGH SCHOOL)**



## TOP JOB SEARCH RESOURCES:

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

- Internet - 70.8%
  - [www.indeed.com](http://www.indeed.com)
  - [www.linkedin.com](http://www.linkedin.com)
  - [www.facebook.com](http://www.facebook.com)
- Networking through friends, family or acquaintances - 52.8%
- Newspapers - 28.3%
- IowaWORKS Centers - 26.4%



# LABOR CHARACTERISTICS



## BIOTECHNOLOGY

| OCCUPATION   | OCCUPATIONAL CODE | MEAN WAGE | ENTRY WAGE | EXPERIENCED WAGE | MEDIAN WAGE | MEAN ANNUAL SALARY |
|--|-------------------|-----------|------------|------------------|-------------|--------------------|
| Agricultural Inspectors  | 45-2011           | \$25.30   | \$18.76    | \$28.58          | \$25.64     | \$52,629           |
| Architectural and Engineering Managers                           | 11-9041           | \$50.75   | \$30.70    | \$60.77          | \$52.78     | \$105,556          |
| Chemical Equipment Operators and Tenders                         | 51-9011           | \$21.67   | \$17.04    | \$23.98          | \$21.66     | \$45,066           |
| Chemical Technicians   | 19-4031           | \$23.33   | \$19.86    | \$25.06          | \$22.69     | \$48,523           |
| Chemists   | 19-2031           | \$35.07   | \$29.05    | \$38.08          | \$35.59     | \$72,950           |
| Conservation Scientists  | 19-1031           | \$26.61   | \$18.69    | \$30.57          | \$24.92     | \$55,354           |
| Cooling and Freezing Equipment Operators and Tenders             | 51-9193           | \$20.53   | \$16.12    | \$22.74          | \$19.36     | \$42,703           |
| Dietitians and Nutritionists                                     | 29-1031           | \$28.79   | \$21.83    | \$32.27          | \$27.21     | \$59,882           |
| Engineers, All Other   | 17-2199           | \$37.05   | \$24.50    | \$43.32          | \$36.52     | \$77,061           |
| Farmworkers and Laborers, Crop, Nursery, and Greenhouse          | 45-2092           | \$13.71   | \$11.27    | \$14.92          | \$13.62     | \$28,509           |
| Farmworkers, Farm, Ranch, and Aquacultural Animals               | 45-2093           | \$18.45   | \$16.28    | \$19.54          | \$18.17     | \$38,383           |
| First-Line Supervisors of Farming, Fishing, and Forestry Workers | 45-1011           | \$29.60   | \$21.67    | \$33.57          | \$29.49     | \$61,571           |
| First-Line Supervisors of Production and Operating Workers       | 51-1011           | \$29.59   | \$19.88    | \$34.44          | \$28.77     | \$61,538           |
| Industrial Engineers   | 17-2112           | \$42.01   | \$32.99    | \$46.51          | \$41.37     | \$87,373           |
| Industrial Production Managers                                   | 11-3051           | \$45.68   | \$31.35    | \$52.85          | \$43.97     | \$95,023           |
| Inspectors, Testers, Sorters, Samplers, and Weighers             | 51-9061           | \$21.63   | \$16.57    | \$24.16          | \$21.38     | \$44,990           |
| Life, Physical, and Social Science Technicians, All Other        | 19-4099           | \$21.10   | \$13.65    | \$24.83          | \$21.45     | \$43,894           |
| Natural Sciences Managers  | 11-9121           | \$57.31   | \$30.44    | \$70.75          | \$47.52     | \$119,206          |
| Soil and Plant Scientists  | 19-1013           | \$31.99   | \$23.36    | \$36.30          | \$30.05     | \$66,537           |
| Veterinary Technologists and Technicians                         | 29-2056           | \$16.30   | \$13.55    | \$17.68          | \$16.45     | \$33,908           |
| Water and Wastewater Treatment Plant and System Operators        | 51-8031           | \$20.62   | \$15.93    | \$22.96          | \$20.36     | \$42,883           |

The 2021 Iowa Wage data for the Iowa Lakes Corridor 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 May 2020 OES estimates. Additional occupational wage and employment data can be found at [www.iowalmi.gov/laborshed](http://www.iowalmi.gov/laborshed).

