

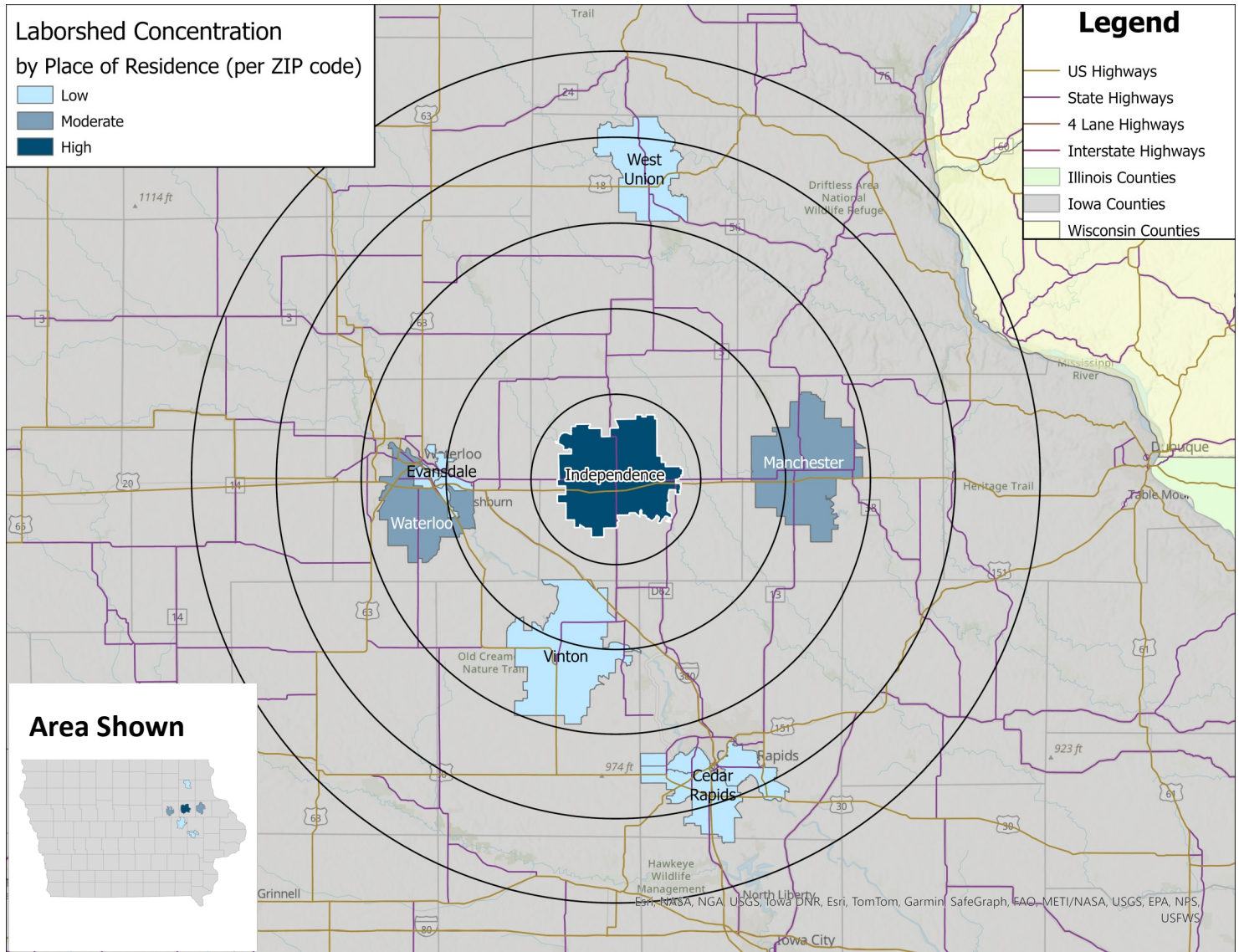
LABOR CHARACTERISTICS

BIOTECHNOLOGY



INDEPENDENCE, IA 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 15 miles one way for work. Those who are likely to change/accept employment are willing to commute an average of 26 miles one way for the right employment opportunity.

FOR MORE INFORMATION REGARDING THE INDEPENDENCE, IA LABORSHED, CONTACT:

Buchanan County Economic Development Commission
112 First Street East, Suite B, PO Box 109
Independence, Iowa 50644

Phone: (319) 334-7497 | E-mail: director@growbuchanan.com
www.growbuchanan.com



LABOR CHARACTERISTICS



BIOTECHNOLOGY

ESTIMATED AVAILABLE LABOR PER OCCUPATIONAL CATEGORY:

- Agricultural Workers, All Other - 637
- Architectural and Engineering Managers - 631
- Chemical Technicians - 1,268
- Dietetic Technicians - 636
- Dietitians and Nutritionists - 634
- Engineering Technicians, Except Drafters, All Other - 362
- Engineers, All Other - 2,535
- Farmers, Ranchers, and Other Agricultural Managers - 2,534
- First-Line Supervisors of Production and Operating Workers - 1,901
- Industrial Engineers - 1,267
- Industrial Production Managers - 1,266
- Medical and Clinical Laboratory Technicians - 635
- Medical and Clinical Laboratory Technologists - 1,269



AN ESTIMATED TOTAL OF **15,845** PEOPLE IN THE LABORSHED AREA

UNDEREMPLOYMENT (ESTIMATED):

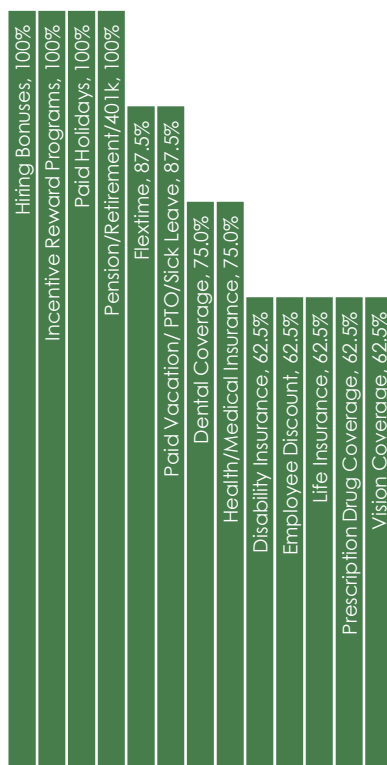
- Low hours - 0.0%
- Low income - 0.0%
- Mismatch of skills - 8.0% (153)
- Total - 8.0% (153)

(Individuals counted only once when estimating Total Underemployment.)

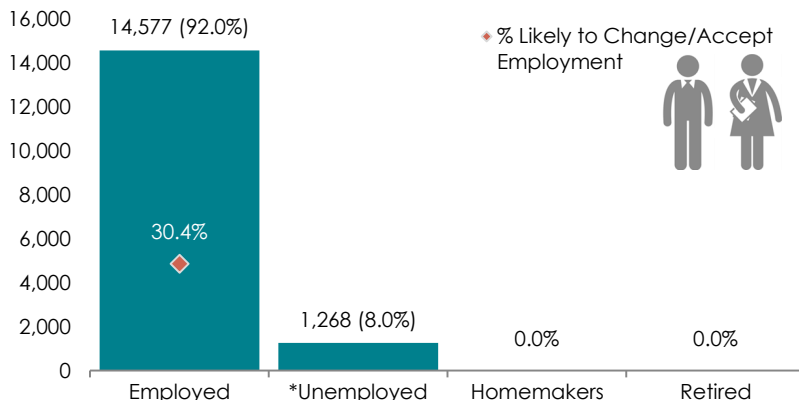
CURRENT BENEFITS:



DESIRED BENEFITS:



ESTIMATED TOTAL BY EMPLOYMENT STATUS (PERCENTAGE):



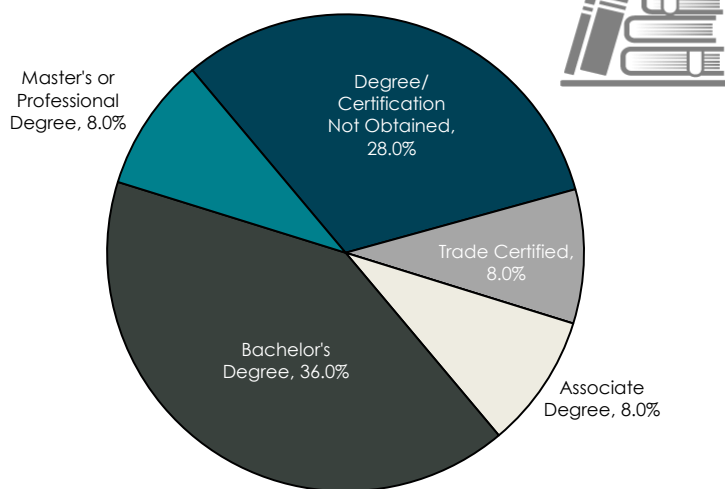
*Employment status is self-identified by the survey respondent. The unemployment percentage does not reflect the unemployment rate published by the U.S. Bureau of Labor Statistics, which applies a stricter definition.

EMPLOYMENT STATS:

- 48.0% paid an annual salary
- 92.0% are/were employed full-time
- 8.0% are/were employed part-time
- 17.4% are/were self-employed
- 21.7% hold two or more jobs
- Currently working an average of 45 hours/week

EDUCATIONAL LEVEL:

(88.0% HAVE AN EDUCATION BEYOND HIGH SCHOOL)



TOP JOB SEARCH RESOURCES:

(For those seeking employment opportunities, by use.)

- Internet - 80.0%
 - www.indeed.com
 - www.linkedin.com
 - www.careerbuilder.com
- Networking through friends, family or acquaintances - 44.0%
- IowaWORKS Centers - 24.0%
- Private Employment Services - 20.0%



LABOR CHARACTERISTICS



BIOTECHNOLOGY

OCCUPATION	OCCUPATIONAL CODE	MEAN WAGE	ENTRY WAGE	EXPERIENCED WAGE	MEDIAN WAGE	MEAN ANNUAL SALARY
Agricultural Inspectors	45-2011	\$27.53	\$20.08	\$31.26	\$25.44	\$57,271
Animal Scientists	19-1011	\$56.54	\$28.11	\$70.75	\$46.73	\$117,597
Architectural and Engineering Managers	11-9041	\$72.23	\$54.61	\$81.04	\$69.23	\$150,236
Biochemists and Biophysicists	19-1021	\$48.69	\$29.44	\$58.31	\$44.78	\$101,273
Biological Technicians	19-4021	\$26.44	\$18.57	\$30.37	\$27.78	\$54,991
Chemical Technicians	19-4031	\$26.41	\$24.32	\$27.45	\$26.36	\$54,924
Chemists	19-2031	\$43.11	\$29.20	\$50.07	\$37.90	\$89,679
Conservation Scientists	19-1031	\$31.27	\$23.55	\$35.14	\$30.20	\$65,049
Dietitians and Nutritionists	29-1031	\$31.32	\$25.26	\$34.35	\$32.31	\$65,148
Engineering Technicians, Except Drafters, All Other	17-3029	\$29.70	\$17.75	\$35.68	\$28.15	\$61,782
Engineers, All Other	17-2199	\$47.35	\$29.87	\$56.08	\$47.77	\$98,479
Environmental Engineers	17-2081	\$54.35	\$39.79	\$61.62	\$62.14	\$113,041
Environmental Scientists and Specialists, Including Health	19-2041	\$36.67	\$24.47	\$42.78	\$33.82	\$76,280
Farmers, Ranchers, and Other Agricultural Managers	11-9013	\$46.73	\$29.83	\$55.19	\$46.69	\$97,208
Farmworkers and Laborers, Crop, Nursery, and Greenhouse	45-2092	\$20.54	\$12.75	\$24.44	\$17.75	\$42,727
Farmworkers, Farm, Ranch, and Aquacultural Animals	45-2093	\$17.32	\$11.79	\$20.09	\$16.86	\$36,030
First-Line Supervisors of Farming, Fishing, and Forestry Workers	45-1011	\$23.79	\$16.91	\$27.23	\$22.99	\$49,485
First-Line Supervisors of Production and Operating Workers	51-1011	\$34.20	\$24.25	\$39.18	\$32.27	\$71,146
Food Scientists and Technologists	19-1012	\$39.20	\$28.43	\$44.59	\$36.85	\$81,539
Foresters	19-1032	\$41.14	\$40.50	\$41.45	\$41.21	\$85,562
Graders and Sorters, Agricultural Products	45-2041	\$24.01	\$20.22	\$25.90	\$22.53	\$49,939
Industrial Engineers	17-2112	\$46.28	\$36.32	\$51.26	\$48.82	\$96,267
Industrial Production Managers	11-3051	\$56.13	\$37.37	\$65.51	\$51.16	\$116,747
Inspectors, Testers, Sorters, Samplers, and Weighers	51-9061	\$23.07	\$16.94	\$26.13	\$22.69	\$47,980
Life, Physical, and Social Science Technicians, All Other	19-4099	\$23.00	\$17.21	\$25.89	\$20.25	\$47,835
Medical Scientists, Except Epidemiologists	19-1042	\$59.30	\$28.42	\$74.74	\$53.70	\$123,352
Microbiologists	19-1022	\$40.60	\$23.32	\$49.24	\$31.41	\$84,448
Natural Sciences Managers	11-9121	\$51.75	\$32.55	\$61.35	\$43.80	\$107,643
Nuclear Medicine Technologists	29-2033	\$39.90	\$35.01	\$42.35	\$37.13	\$82,999
Separating, Filtering, Clarifying, Precipitating, and Still Machine Setters, Operators, and Tenders	51-9012	\$24.45	\$18.91	\$27.22	\$24.29	\$50,860
Soil and Plant Scientists	19-1013	\$41.15	\$25.43	\$49.01	\$35.71	\$85,594
Veterinary Technologists and Technicians	29-2056	\$19.54	\$16.52	\$21.05	\$17.80	\$40,647
Water and Wastewater Treatment Plant and System Operators	51-8031	\$28.79	\$21.87	\$32.25	\$27.94	\$59,884

The 2024 Iowa Wage data for the Independence Laborshed area was produced by the Labor Force & Occupational Analysis Bureau to provide communities local information on wages by occupation. Additional occupational wage and employment data for the Independence Laborshed area can be found at workforce.iowa.gov/laborshed/data. For more information regarding the 2024 OEWS estimates visit: bls.gov/oes/2024/may/oes_tec.htm

Balance of data compiled by Iowa Workforce Development using Laborshed data released in 2025.