

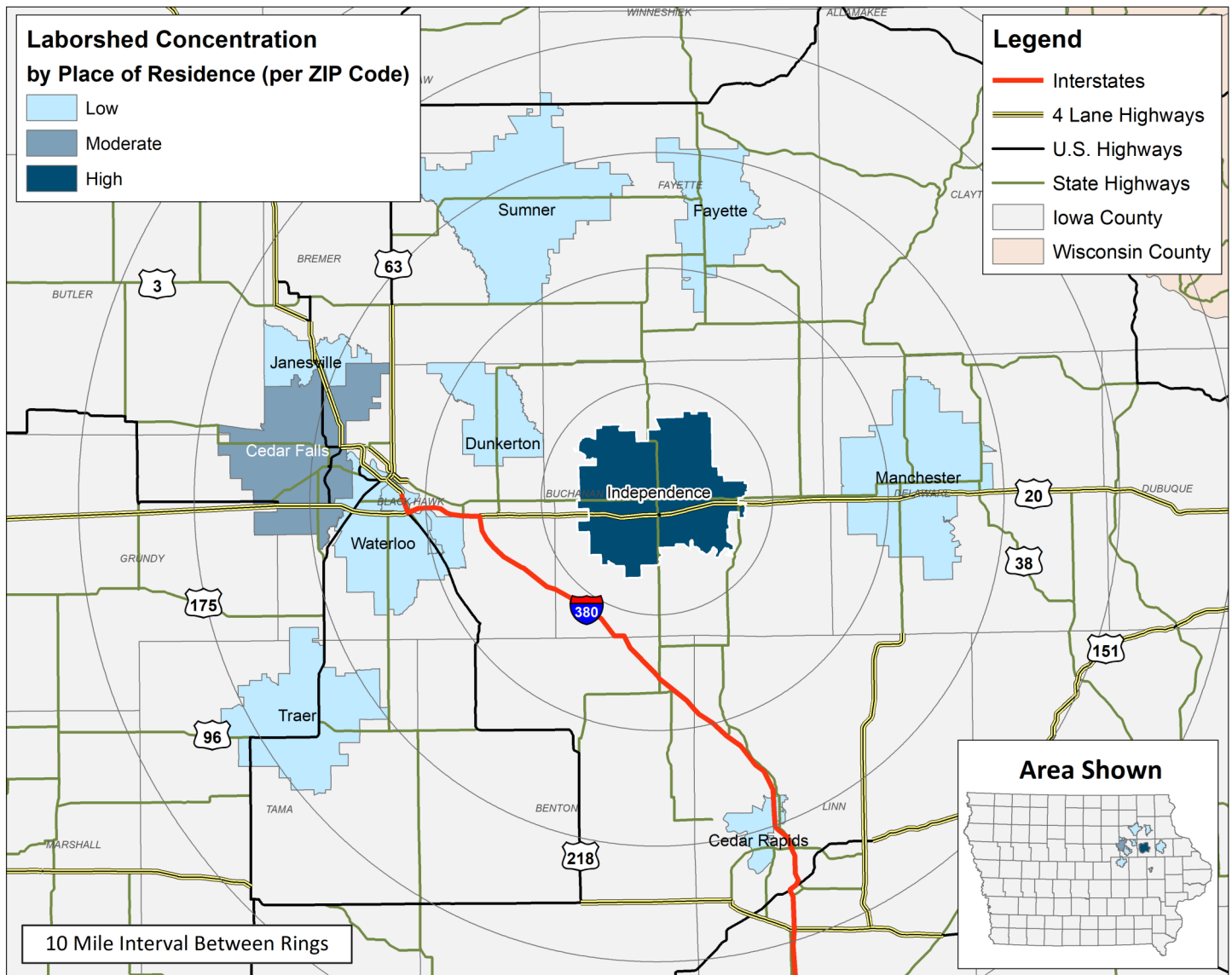
LABOR CHARACTERISTICS

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 7 miles one way for work. Those who are likely to change/accept employment are willing to commute an average of 25 miles one way for the right employment opportunity.

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

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ESTIMATED AVAILABLE LABOR PER OCCUPATIONAL CATEGORY:

- Engineering Technicians, Except Drafters, All Other - 613
- Engineers, All Other - 5,511
- Farmers, Ranchers, and Other Agricultural Managers - 4,899
- First-Line Supervisors of Production and Operating Workers - 3,062
- Industrial Engineers - 612
- Inspectors, Testers, Sorters, Samplers, and Weighers - 1,225

AN ESTIMATED TOTAL OF **15,922** PEOPLE IN THE LABORSHED AREA

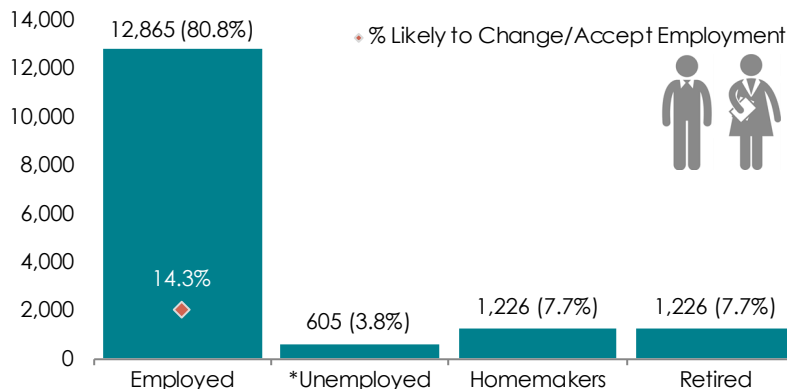
UNDEREMPLOYMENT (ESTIMATED):

- Low hours - 0.0%
- Low income - 0.0%
- Mismatch of skills - 3.8% (68)
- Total - 3.8% (68)

(Individuals counted only once when estimating Total Underemployment.)



ESTIMATED TOTAL BY EMPLOYMENT STATUS (PERCENTAGE):



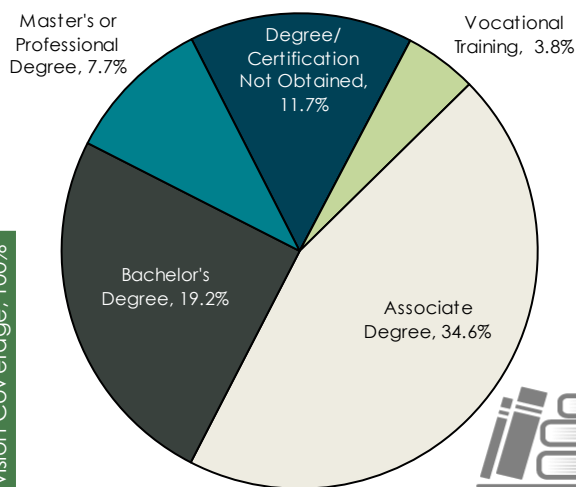
*Employment status is self-identified by the survey respondent. The unemployment percentage does not reflect the unemployment rate published by the U.S. Bureau of Labor Statistics, which applies a stricter definition.

EMPLOYMENT STATS:

- 50.0% paid an annual salary
- 92.0% are/were employed full-time
- 8.0% are/were employed part-time
- 52.4% are/were self-employed
- 15.0% hold two or more jobs
- Currently working an average of 47 hours/week

EDUCATIONAL LEVEL:

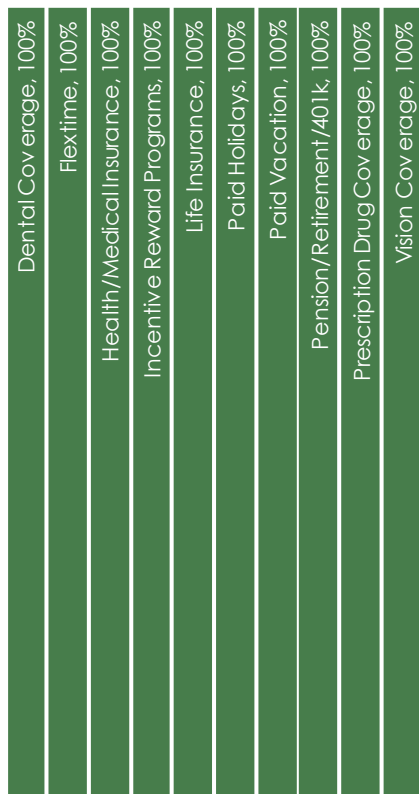
(77.0% HAVE AN EDUCATION BEYOND HIGH SCHOOL)



CURRENT BENEFITS:



DESIRED BENEFITS:



TOP JOB SEARCH RESOURCES:

(For those seeking employment opportunities, by use.)

- Networking through friends, family or acquaintances - 69.2%
- Internet - 65.4%
 - www.indeed.com
 - www.linkedin.com
 - www.monster.com
- IowaWORKS Centers - 30.8%
- Private Employment Services - 26.9%



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OCCUPATION	OCCUPATIONAL CODE	MEAN WAGE	ENTRY WAGE	EXPERIENCED WAGE	MEDIAN WAGE	MEAN ANNUAL SALARY
Agricultural Inspectors	45-2011	\$25.75	\$19.33	\$28.96	\$25.64	\$53,551
Architectural and Engineering Managers	11-9041	\$64.85	\$46.93	\$73.81	\$65.21	\$134,891
Chemical Equipment Operators and Tenders	51-9011	\$25.85	\$18.16	\$29.70	\$25.85	\$53,778
Chemical Technicians	19-4031	\$27.26	\$19.53	\$31.13	\$26.37	\$56,711
Chemists	19-2031	\$38.74	\$28.04	\$44.09	\$36.91	\$80,576
Dietetic Technicians	29-2051	\$15.25	\$11.04	\$17.36	\$15.72	\$31,730
Dietitians and Nutritionists	29-1031	\$28.56	\$23.08	\$31.29	\$28.35	\$59,396
Engineers, All Other	17-2199	\$41.62	\$27.66	\$48.60	\$38.26	\$86,577
Environmental Engineers	17-2081	\$44.35	\$33.37	\$49.84	\$43.69	\$92,251
Environmental Scientists and Specialists, Including Health	19-2041	\$32.86	\$23.75	\$37.42	\$32.24	\$68,354
Farmers, Ranchers, and Other Agricultural Managers	11-9013	\$32.95	\$23.28	\$37.79	\$33.31	\$68,536
Farmworkers and Laborers, Crop, Nursery, and Greenhouse	45-2092	\$18.34	\$11.82	\$21.59	\$20.24	\$38,142
Farmworkers, Farm, Ranch, and Aquacultural Animals	45-2093	\$20.77	\$16.28	\$23.01	\$20.85	\$43,200
First-Line Supervisors of Farming, Fishing, and Forestry Workers	45-1011	\$18.07	\$11.29	\$21.47	\$20.52	\$37,592
First-Line Supervisors of Production and Operating Workers	51-1011	\$32.79	\$20.82	\$38.77	\$30.14	\$68,198
Food Scientists and Technologists	19-1012	\$36.15	\$21.08	\$43.69	\$30.39	\$75,198
Industrial Engineers	17-2112	\$44.61	\$31.86	\$50.99	\$42.53	\$92,791
Industrial Production Managers	11-3051	\$51.65	\$33.74	\$60.60	\$47.55	\$107,423
Inspectors, Testers, Sorters, Samplers, and Weighers	51-9061	\$24.42	\$16.96	\$28.15	\$23.40	\$50,790
Life, Physical, and Social Science Technicians, All Other	19-4099	\$18.70	\$11.20	\$22.45	\$17.62	\$38,894
Natural Sciences Managers	11-9121	\$48.07	\$33.13	\$55.54	\$47.40	\$99,989
Nuclear Medicine Technologists	29-2033	\$35.52	\$28.43	\$39.07	\$34.61	\$73,889
Soil and Plant Scientists	19-1013	\$33.33	\$24.94	\$37.52	\$31.27	\$69,326
Veterinary Technologists and Technicians	29-2056	\$15.76	\$13.30	\$17.00	\$15.50	\$32,789
Water and Wastewater Treatment Plant and System Operators	51-8031	\$25.63	\$17.73	\$29.58	\$26.33	\$55,315

The 2021 Iowa Wage data for the Independence, IA 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.