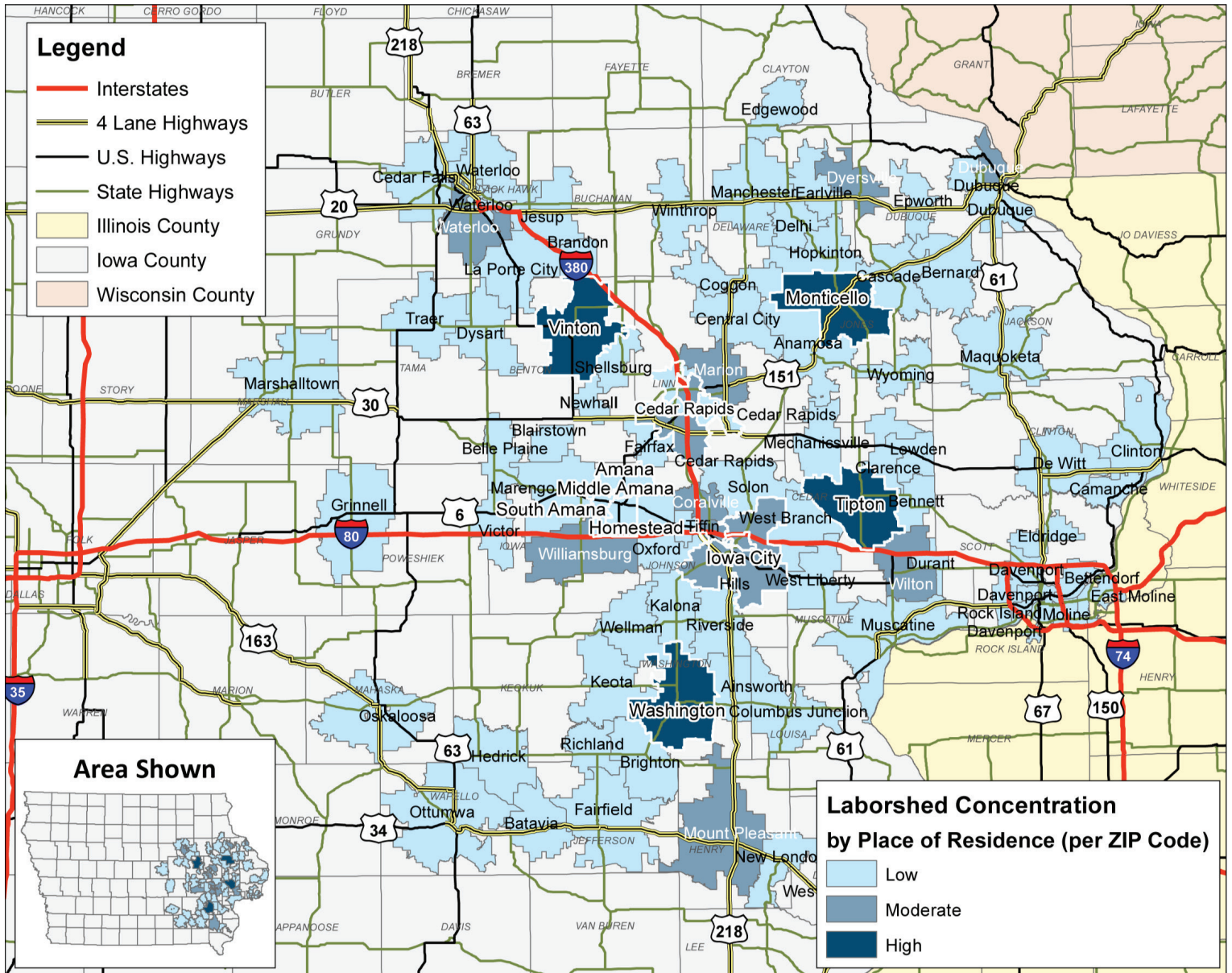




# LABOR CHARACTERISTICS

## BIOTECHNOLOGY

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



Workers with transferable industry experience/skills are currently commuting an average of **14 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.

## EMPLOYMENT

**62.5%**  
paid an hourly wage

**87.6%**  
are/were employed  
full-time

**17.4%**  
are/were  
self-employed

**12.4%**  
are/were employed  
part-time

**18.3%**  
hold two or  
more jobs

Currently working  
an average of  
**47 hours/week**

UNDER-  
EMPLOYMENT  
(estimated):

**0.6% (193)**  
Low hours

**3.5% (1,125)**  
Mismatch of skills

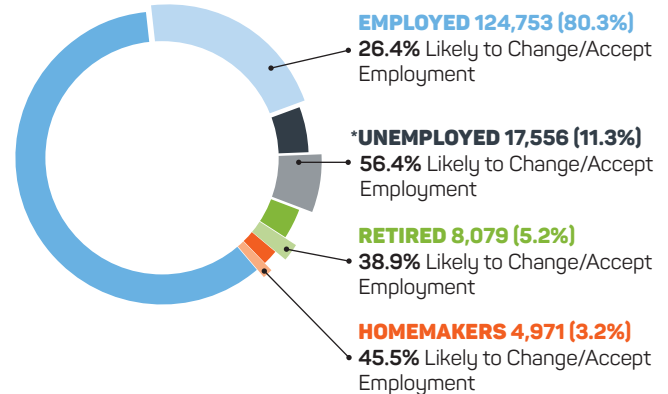
**0.3% (96)**  
Low income

**4.3% (1,382)**  
Total  
(Individuals counted  
only once when  
estimating Total  
Underemployment.)

ESTIMATED AVAILABLE LABOR PER  
OCCUPATIONAL CATEGORY:

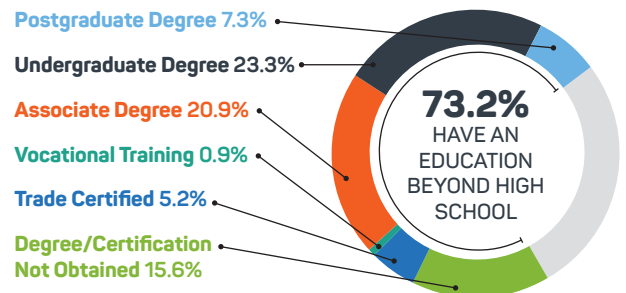
• Agricultural Workers	2,694
• Dietitians and Nutritionists	447
• Engineers, All Other	6,286
• Farmers and Ranchers	22,002
• Farmworkers and Laborers	1,349
• Health Technologists	1,343
• Inspectors	5,388
• Laborers and Material Movers, Hand	8,080
• Maintenance and Repair Workers	13,921
• Managers	4,939
• Market Research Analysts	8,084
• Nurses	20,655
• Physicians and Surgeons, All Other	2,245
• Physicists	51
• Production Workers	31,431
• Scientists	3,586
• Social Science Research Assistants	1,796
• Stationary Engineers and Boiler Operators	453
• Supervisors	9,429
• Technicians	8,980
• Veterinary Technologist	49
• Wastewater Treatment Plant Operators	1,351

AN ESTIMATED TOTAL OF **155,359** PEOPLE IN THE  
LABORSHED AREA

ESTIMATED TOTAL BY EMPLOYMENT STATUS  
(PERCENTAGE):

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

## EDUCATIONAL LEVEL



## TOP JOB SEARCH RESOURCES:

(For those seeking employment opportunities, by use.)

1. **Internet** 69.5%  
www.indeed.com  
www.monster.com  
www.linkedin.com
2. **Networking through friends, family or acquaintances** 31.1%
3. **IowaWORKS Centers** 15.4%
4. **Newspapers** 14.2%

*The Gazette-Cedar Rapids*

## WORKPLACE FLEXIBILITY:

(by percent of interest)

1. **Job teams** 84.2%
2. **Cross-training** 76.0%
3. **Seasonal work** 50.0%
4. **Temporary work** 48.5%
5. **Job sharing** 39.4%
6. **Varied shifts** 32.0%

## CURRENT BENEFITS &amp; DESIRED BENEFITS

Health/Medical Insurance	88.2%	88.8%
Pension/Retirement/401k	79.1%	83.7%
Dental Coverage	79.1%	82.7%
Paid Vacation	74.7%	83.7%
Life Insurance	73.6%	72.4%
Paid Holidays	72.3%	82.7%
Disability Insurance	72.0%	73.5%
Vision Coverage	68.2%	77.6%
Prescription Drug Coverage	59.5%	
Paid Sick Leave	63.5%	82.7%
Incentive Reward Programs	68.4%	

## LABOR CHARACTERISTICS

OCCUPATION	OCCUPATIONAL CODE	MEAN WAGE	ENTRY WAGE	EXPERIENCED WAGE	MEDIAN WAGE	MEAN ANNUAL SALARY
Agricultural and Food Science Technicians	19-4011	\$19.90	\$13.65	\$23.02	\$20.09	\$41,383
Agricultural Inspectors	45-2011	\$21.98	\$14.33	\$25.80	\$22.41	\$45,711
Agricultural Workers, All Other	45-2099	\$13.67	\$8.41	\$16.30	\$14.18	\$28,429
Animal Scientists	19-1011	\$41.35	\$25.29	\$49.38	\$42.59	\$86,008
Architectural and Engineering Managers	11-9041	\$58.75	\$45.91	\$65.17	\$57.93	\$122,207
Biochemists and Biophysicists	19-1021	\$32.15	\$20.58	\$37.94	\$29.04	\$66,878
Biological Scientists, All Other	19-1029	\$29.92	\$19.38	\$35.19	\$29.91	\$62,238
Biological Technicians	19-4021	\$20.75	\$16.00	\$23.13	\$19.80	\$43,170
Biomedical Engineers	17-2031	\$26.53	\$10.92	\$34.33	\$26.40	\$55,174
Chemical Engineers	17-2041	\$52.12	\$31.66	\$62.35	\$47.80	\$108,407
Chemical Equipment Operators and Tenders	51-9011	\$19.22	\$14.21	\$21.72	\$19.33	\$39,973
Chemical Technicians	19-4031	\$19.77	\$14.18	\$22.57	\$18.38	\$41,127
Chemists	19-2031	\$33.55	\$23.62	\$38.51	\$32.95	\$69,781
Conservation Scientists	19-1031	\$26.89	\$15.14	\$32.77	\$25.24	\$55,935
Dietetic Technicians	29-2051	\$11.89	\$9.55	\$13.06	\$11.31	\$24,727
Dietitians and Nutritionists	29-1031	\$24.57	\$17.55	\$28.07	\$24.31	\$51,096
Engineering Technicians, Except Drafters, All Other	17-3029	\$26.71	\$19.77	\$30.17	\$24.94	\$55,549
Engineers, All Other	17-2199	\$33.71	\$21.23	\$39.96	\$33.85	\$70,122
Environmental Engineering Technicians	17-3025	\$23.83	\$16.42	\$27.53	\$19.15	\$49,565
Environmental Engineers	17-2081	\$34.16	\$22.11	\$40.19	\$34.84	\$71,055
Environmental Science and Protection Technicians, Including Health	19-4091	\$23.12	\$16.10	\$26.63	\$23.04	\$48,090
Environmental Scientists and Specialists, Including Health	19-2041	\$36.85	\$22.99	\$43.78	\$32.91	\$76,653
Farmers, Ranchers, and Other Agricultural Managers	11-9013	\$33.96	\$24.91	\$38.48	\$34.96	\$70,628
Farmworkers and Laborers, Crop, Nursery, and Greenhouse	45-2092	\$13.01	\$9.56	\$14.74	\$12.98	\$27,069
First-Line Supervisors of Farming, Fishing, and Forestry Workers	45-1011	\$29.08	\$21.15	\$33.05	\$30.14	\$60,496
First-Line Supervisors of Production and Operating Workers	51-1011	\$27.91	\$18.65	\$32.54	\$26.51	\$58,048
Health Technologists and Technicians, All Other	29-2099	\$19.46	\$14.01	\$22.19	\$18.36	\$40,487
Healthcare Support Workers, All Other	31-9099	\$17.39	\$11.61	\$20.29	\$16.32	\$36,178
Industrial Engineers	17-2112	\$38.45	\$28.77	\$43.29	\$36.70	\$79,975
Inspectors, Testers, Sorters, Samplers, and Weighers	51-9061	\$19.52	\$12.82	\$22.88	\$17.76	\$40,610
Laborers and Freight, Stock, and Material Movers, Hand	53-7062	\$14.55	\$9.93	\$16.86	\$13.91	\$30,263
Licensed Practical and Licensed Vocational Nurses	29-2061	\$20.01	\$16.51	\$21.77	\$20.11	\$41,631
Life, Physical, and Social Science Technicians, All Other	19-4099	\$22.50	\$12.89	\$27.31	\$21.33	\$46,809
Materials Engineers	17-2131	\$42.44	\$26.36	\$50.48	\$35.47	\$88,270
Medical Scientists, Except Epidemiologists	19-1042	\$31.38	\$24.09	\$35.02	\$29.59	\$65,262
Microbiologists	19-1022	\$32.23	\$22.53	\$37.08	\$28.96	\$67,041
Nuclear Medicine Technologists	29-2033	\$35.37	\$27.76	\$39.18	\$34.72	\$73,574
Pharmacy Technicians	29-2052	\$15.07	\$11.48	\$16.87	\$14.35	\$31,346
Physicians and Surgeons, All Other	29-1069	\$116.86	\$72.28	\$139.16	N.A.	\$243,076
Physicists	19-2012	\$60.17	\$30.31	\$75.10	\$46.10	\$125,156
Production Workers, All Other	51-9199	\$19.75	\$10.92	\$24.16	\$20.20	\$41,075
Registered Nurses	29-1141	\$28.09	\$21.67	\$31.31	\$27.33	\$58,435
Social Science Research Assistants	19-4061	\$19.01	\$14.08	\$21.47	\$18.49	\$39,533
Soil and Plant Scientists	19-1013	\$33.67	\$20.18	\$40.41	\$30.28	\$70,033
Veterinary Technologists and Technicians	29-2056	\$15.38	\$12.70	\$16.71	\$14.93	\$31,981
Water and Wastewater Treatment Plant and System Operators	51-8031	\$22.01	\$14.99	\$25.52	\$22.15	\$45,783

The 2018 Iowa Wage data for the Iowa City/Cedar Rapids Region 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 2017 OES estimates. Additional occupational wage and employment data can be found at [www.iowalmi.gov/laborshed](http://www.iowalmi.gov/laborshed).

Balance of data compiled by Iowa Workforce Development using Laborshed data released in 2019.

**FOR MORE INFORMATION REGARDING THE IOWA CITY/CEDAR RAPIDS REGION, IA LABORSHED, CONTACT:**

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