

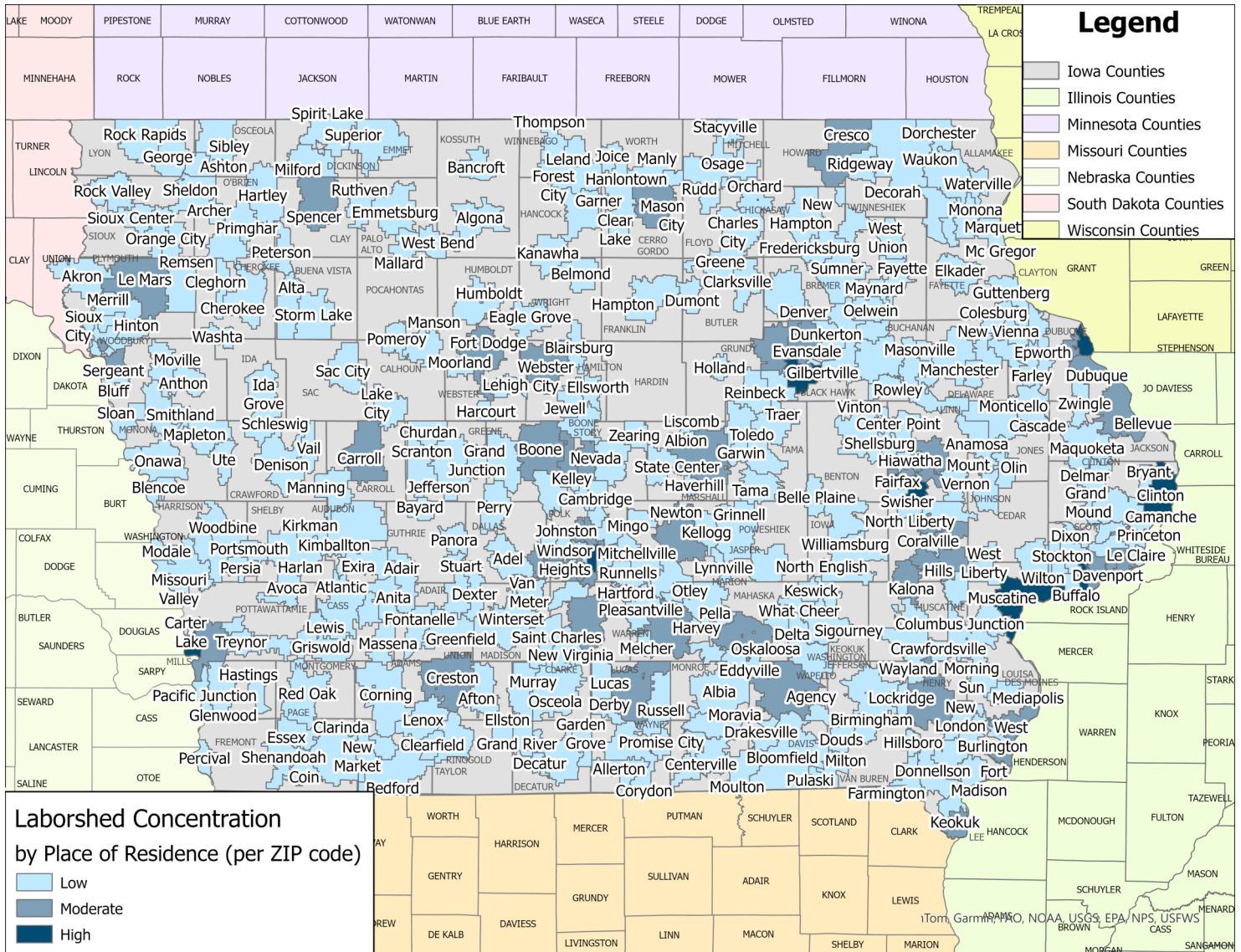
LABOR CHARACTERISTICS



ADVANCED MANUFACTURING

STATE OF IOWA 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 16 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 STATE OF IOWA REGIONAL LABORSHED, CONTACT:



Iowa Workforce Development
 Labor Market Information Division
 1000 E. Grand Avenue, Des Moines, Iowa 50319
 Phone: (515) 281-3035 | Email: laborshed.studies@iwd.iowa.gov
<https://workforce.iowa.gov/laborshed>

LABOR CHARACTERISTICS

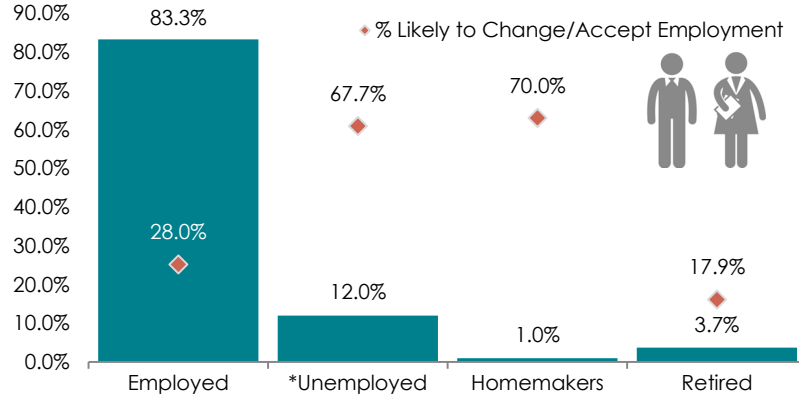


ADVANCED MANUFACTURING

ESTIMATED AVAILABLE LABOR PER OCCUPATIONAL CATEGORY:

- Architectural and Engineering Managers - 1.3%
- Assemblers and Fabricators, All Other - 0.3%
- Bus and Truck Mechanics and Diesel Engine Specialists - 1.1%
- Chemical Engineers - 0.2%
- Chemical Equipment Operators and Tenders - 0.4%
- Cleaning, Washing, and Metal Pickling Equipment Operators and Tenders - 0.1%
- Computer Hardware Engineers - 0.1%
- Conveyor Operators and Tenders - 0.1%
- Cooling and Freezing Equipment Operators and Tenders - 0.1%
- Crane and Tower Operators - 0.2%
- Crushing, Grinding, and Polishing Machine Setters, Operators, and Tenders - 0.1%
- Cutting, Punching, and Press Machine Setters, Operators, and Tenders, Metal and Plastic - 0.6%
- Electrical and Electronic Engineering Technicians - 0.6%
- Electrical and Electronic Equipment Assemblers - 0.1%
- Electrical Engineers - 0.5%
- Electricians - 4.1%
- Electro-Mechanical Technicians - 0.1%
- Engine and Other Machine Assemblers - 0.1%
- Engineering Technicians, Except Drafters, All Other - 0.5%
- Engineers, All Other - 4.2%
- Extruding, Forming, Pressing, and Compacting Machine Setters, Operators, and Tenders - 0.1%
- First-Line Supervisors of Mechanics, Installers, and Repairers - 8%
- First-Line Supervisors of Production and Operating Workers - 5.1%
- Foundry Mold and Coremakers - 0.2%
- Grinding and Polishing Workers, Hand - 0.1%
- Heavy and Tractor-Trailer Truck Drivers - 17%
- Industrial Engineering Technicians - 1.2%
- Industrial Engineers - 1.3%
- Industrial Machinery Mechanics - 0.9%
- Industrial Production Managers - 4.7%
- Industrial Truck and Tractor Operators - 2.2%
- Inspectors, Testers, Sorters, Samplers, and Weighers - 1.2%
- Installation, Maintenance, and Repair Workers, All Other - 9.4%
- Laborers and Freight, Stock, and Material Movers, Hand - 6%
- Light Truck or Delivery Services Drivers - 2.6%
- Machinists - 1.6%
- Maintenance Workers, Machinery - 0.1%
- Material Moving Workers, All Other - 0.1%
- Mechanical Drafters - 0.2%
- Mechanical Engineering Technicians - 0.4%
- Mechanical Engineers - 1.3%
- Milling and Planing Machine Setters, Operators, and Tenders, Metal and Plastic - 0.2%
- Millwrights - 0.6%
- Mixing and Blending Machine Setters, Operators, and Tenders - 0.3%
- Multiple Machine Tool Setters, Operators, and Tenders, Metal and Plastic - 3.8%
- Packaging and Filling Machine Operators and Tenders - 0.1%
- Packers and Packagers, Hand - 1.4%
- Plant and System Operators, All Other - 0.1%
- Production Workers, All Other - 6.1%
- Structural Metal Fabricators and Fitters - 0.6%
- Tank Car, Truck, and Ship Loaders - 0.8%
- Team Assemblers - 3.5%
- Tool and Die Makers - 0.1%
- Water and Wastewater Treatment Plant and System Operators - 0.8%
- Welders, Cutters, Solderers, and Brazers - 3.5%
- Welding, Soldering, and Brazing Machine Setters, Operators, and Tenders - 0.1%

ESTIMATED TOTAL BY EMPLOYMENT STATUS (PERCENTAGE):



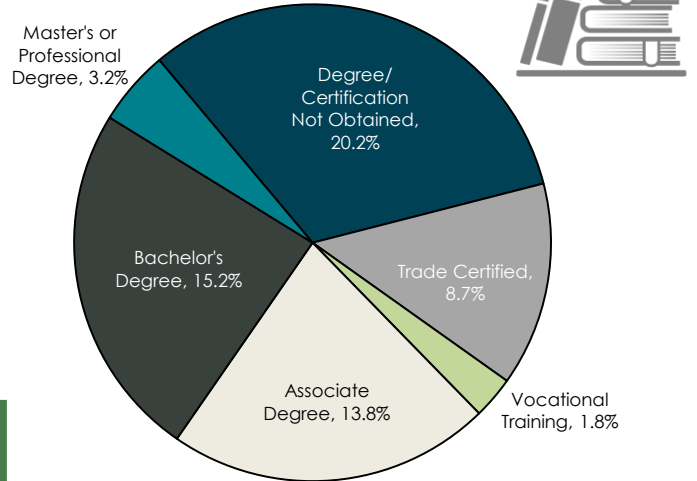
*Employment status is self-identified by the survey respondent. The unemployment percentage does not reflect the unemployment rate published by the U.S. Bureau of Labor Statistics, which applies a stricter definition.

EMPLOYMENT STATS:

- 67.1% paid an hourly wage
- 95.4% are/were employed full-time
- 4.6% are/were employed part-time
- 10.8% are/were self-employed
- 8.7% hold two or more jobs
- Currently working an average of 46 hours/week

EDUCATIONAL LEVEL:

(62.9% HAVE AN EDUCATION BEYOND HIGH SCHOOL)



UNDEREMPLOYMENT (ESTIMATED):

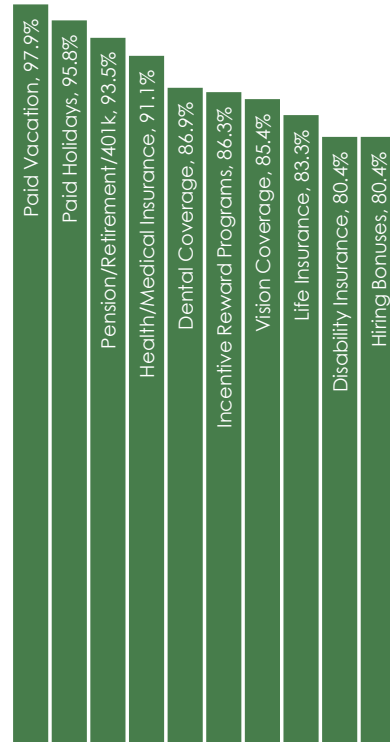
- Low hours - 0.6%
- Low income - 0.4%
- Mismatch of skills - 9.0%
- Total - 9.4%

(Individuals counted only once when estimating Total Underemployment.)

CURRENT BENEFITS:



DESIRED BENEFITS:



TOP JOB SEARCH RESOURCES:

(For those seeking employment opportunities, by use.)

- Internet - 76.1%
 - www.indeed.com
 - www.linkedin.com
 - www.ziprecruiter.com
- Networking through friends, family or acquaintances - 44.4%
- IowaWORKS Centers - 23.9%
- Private Employment Services - 15.5%



LABOR CHARACTERISTICS



ADVANCED MANUFACTURING

OCCUPATION	OCCUPATIONAL CODE	MEAN WAGE	MEDIAN WAGE	MEAN SALARY	MEDIAN SALARY
Architectural and Engineering Managers	11-9041	\$70.01	\$66.29	\$145,620.00	\$137,870.00
Bus and Truck Mechanics and Diesel Engine Specialists	49-3031	\$28.99	\$28.27	\$60,290.00	\$58,800.00
Chemical Engineers	17-2041	\$49.43	\$48.59	\$102,820.00	\$101,080.00
Chemical Equipment Operators and Tenders	51-9011	\$28.22	\$26.46	\$58,690.00	\$55,030.00
Cleaning, Washing, and Metal Pickling Equipment Operators and Tenders	51-9192	\$21.00	\$20.22	\$43,690.00	\$42,060.00
Computer Hardware Engineers	17-2061	\$59.83	\$53.40	\$124,450.00	\$111,080.00
Conveyor Operators and Tenders	53-7011	\$24.62	\$22.94	\$51,210.00	\$47,720.00
Cooling and Freezing Equipment Operators and Tenders	51-9193	\$27.87	\$23.50	\$57,960.00	\$48,880.00
Crane and Tower Operators	53-7021	\$29.02	\$26.74	\$60,370.00	\$55,620.00
Crushing, Grinding, and Polishing Machine Setters, Operators, and Tenders	51-9021	\$27.06	\$28.95	\$56,280.00	\$60,210.00
Cutting, Punching, and Press Machine Setters, Operators, and Tenders, Metal and Plastic	51-4031	\$22.82	\$23.00	\$47,470.00	\$47,850.00
Electrical and Electronic Engineering Technicians	17-3023	\$34.66	\$35.64	\$72,100.00	\$74,140.00
Electrical Engineers	17-2071	\$61.04	\$51.57	\$126,950.00	\$107,270.00
Electricians	47-2111	\$30.72	\$30.23	\$63,910.00	\$62,880.00
Electro-Mechanical Technicians	17-3024	\$35.94	\$37.59	\$74,760.00	\$78,190.00
Engine and Other Machine Assemblers	51-2031	\$23.73	\$21.55	\$49,350.00	\$44,810.00
Engineering Technicians, Except Drafters, All Other	17-3029	\$32.23	\$30.75	\$67,030.00	\$63,960.00
Engineers, All Other	17-2199	\$47.86	\$48.17	\$99,560.00	\$100,200.00
Extruding, Forming, Pressing, and Compacting Machine Setters, Operators, and Tenders	51-9041	\$23.52	\$22.81	\$48,920.00	\$47,440.00
First-Line Supervisors of Mechanics, Installers, and Repairers	49-1011	\$38.52	\$37.49	\$80,110.00	\$77,980.00
First-Line Supervisors of Production and Operating Workers	51-1011	\$34.45	\$34.20	\$71,650.00	\$71,140.00
Foundry Mold and Coremakers	51-4071	\$22.08	\$21.97	\$45,920.00	\$45,700.00
Grinding and Polishing Workers, Hand	51-9022	\$22.80	\$22.58	\$47,410.00	\$46,960.00
Heavy and Tractor-Trailer Truck Drivers	53-3032	\$28.05	\$26.48	\$58,350.00	\$55,080.00
Helpers--Production Workers	51-9198	\$21.53	\$22.12	\$44,780.00	\$46,000.00
Industrial Engineering Technicians	17-3026	\$31.52	\$29.01	\$65,570.00	\$60,330.00
Industrial Engineers	17-2112	\$48.24	\$48.06	\$100,340.00	\$99,960.00
Industrial Machinery Mechanics	49-9041	\$31.85	\$31.30	\$66,250.00	\$65,090.00
Industrial Production Managers	11-3051	\$55.28	\$50.44	\$114,980.00	\$104,920.00
Industrial Truck and Tractor Operators	53-7051	\$22.85	\$22.57	\$47,530.00	\$46,950.00
Inspectors, Testers, Sorters, Samplers, and Weighers	51-9061	\$24.87	\$23.53	\$51,740.00	\$48,940.00
Installation, Maintenance, and Repair Workers, All Other	49-9099	\$23.83	\$22.48	\$49,560.00	\$46,760.00
Laborers and Freight, Stock, and Material Movers, Hand	53-7062	\$20.53	\$20.85	\$42,710.00	\$43,370.00
Light Truck or Delivery Services Drivers	53-3033	\$22.54	\$21.11	\$46,890.00	\$43,910.00
Machine Feeders and Offbearers	53-7063	\$21.46	\$20.81	\$44,630.00	\$43,280.00
Machinists	51-4041	\$26.42	\$25.67	\$54,950.00	\$53,400.00
Maintenance and Repair Workers, General	49-9071	\$25.37	\$24.65	\$52,760.00	\$51,270.00
Maintenance Workers, Machinery	49-9043	\$30.80	\$29.80	\$64,070.00	\$61,990.00
Material Moving Workers, All Other	53-7199	\$26.42	\$23.20	\$54,960.00	\$48,250.00
Materials Engineers	17-2131	\$39.61	\$36.85	\$82,380.00	\$76,640.00
Mechanical Drafters	17-3013	\$33.22	\$31.33	\$69,100.00	\$65,160.00
Mechanical Engineering Technicians	17-3027	\$36.57	\$31.81	\$76,060.00	\$66,160.00
Mechanical Engineers	17-2141	\$47.63	\$46.91	\$99,070.00	\$97,570.00
Milling and Planing Machine Setters, Operators, and Tenders, Metal and Plastic	51-4035	\$28.30	\$27.55	\$58,870.00	\$57,300.00
Millwrights	49-9044	\$30.89	\$30.44	\$64,250.00	\$63,320.00
Mixing and Blending Machine Setters, Operators, and Tenders	51-9023	\$23.95	\$22.34	\$49,810.00	\$46,480.00
Multiple Machine Tool Setters, Operators, and Tenders, Metal and Plastic	51-4081	\$23.45	\$23.37	\$48,770.00	\$48,610.00
Packaging and Filling Machine Operators and Tenders	51-9111	\$22.29	\$21.11	\$46,350.00	\$43,900.00
Packers and Packagers, Hand	53-7064	\$17.32	\$17.14	\$36,020.00	\$35,650.00
Patternmakers, Metal and Plastic	51-4062	\$29.68	\$30.44	\$61,740.00	\$63,300.00
Plant and System Operators, All Other	51-8099	\$29.80	\$28.05	\$61,990.00	\$58,340.00
Production Workers, All Other	51-9199	\$21.22	\$22.30	\$44,130.00	\$46,380.00
Rolling Machine Setters, Operators, and Tenders, Metal and Plastic	51-4023	\$26.60	\$27.11	\$55,340.00	\$56,380.00
Structural Metal Fabricators and Fitters	51-2041	\$24.21	\$23.50	\$50,350.00	\$48,880.00
Tank Car, Truck, and Ship Loaders	53-7121	\$26.40	\$27.00	\$54,910.00	\$56,160.00
Tool and Die Makers	51-4111	\$29.69	\$29.73	\$61,750.00	\$61,840.00
Water and Wastewater Treatment Plant and System Operators	51-8031	\$28.16	\$28.56	\$58,580.00	\$59,400.00
Welders, Cutters, Solderers, and Brazers	51-4121	\$25.14	\$23.77	\$52,280.00	\$49,450.00
Welding, Soldering, and Brazing Machine Setters, Operators, and Tenders	51-4122	\$25.16	\$25.05	\$52,340.00	\$52,100.00

The 2024 Iowa Wage data for the State of Iowa 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 State of Iowa 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.