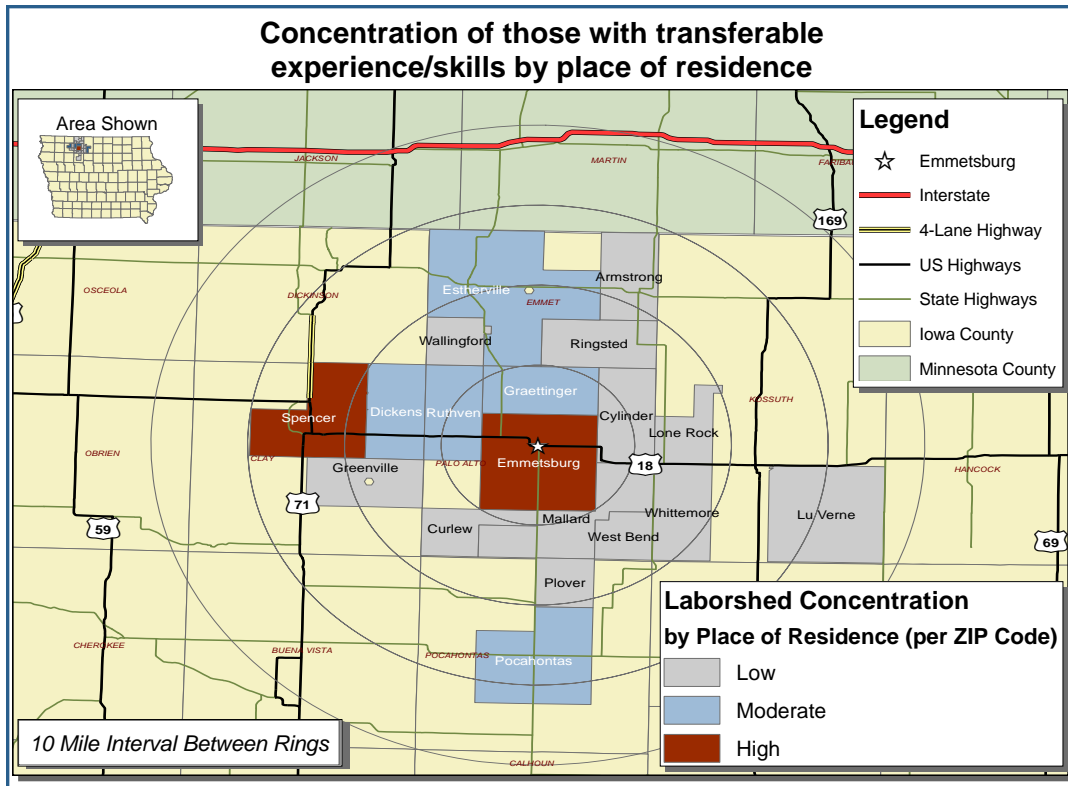


Labor Characteristics

Wind Component Manufacturing

Palo Alto County, Iowa Laborshed



Estimated Potential Available Labor Per Occupational Category:

Business Operations:

- Computer Specialists - 60
- Computer Operators - 59
- Sales Reps - 179
- Purchasing Agents - 61
- Accountants & Auditors - 417

Production:

- Supervisors - 536
- Assemblers - 478
- Electricians - 119
- Painters - 120
- Inspectors/Testers - 118
- Machine Operators - 60
- Machinists - 120
- Maintenance & Repair Workers - 119
- Production Workers & Helpers - 477
- Welders - 120

Material Moving:

- Heavy Truck Drivers - 358
- Forklift Operators - 119

An estimated total of 3,517 people in the Laborshed area

Workers who have transferable experience/skills in the area are currently commuting an average of 13 miles one way for work. Those who are willing to change/accept employment are willing to commute an average of 19 miles one way for the right employment opportunity.

Employment Status:

78.0% Employed

- 37.0% of the employed are willing to change employment

10.2% Unemployed

- 66.7% of the unemployed are willing to accept employment

5.1% Homemakers, Not Employed

6.8% Retired

- 50.0% of the retired are willing to accept employment

Education Levels:

- 66.1% Education beyond high school
- 5.1% Trade certified
- 5.1% Vocational training
- 18.6% Associate degree
- 20.3% Undergraduate degree
- 1.7% Postgraduate/Professional degree

Flexibility in the Workplace:

(by percent of interest)

- Cross-training - 83.3%
- Varied shifts (2nd, 3rd, & split) - 41.7%
- Job sharing - 25.0%
- Job teams - 95.8%
- Seasonal work - 37.5%
- Temporary work - 33.3%

Other Facts:

- 72.4% paid an hourly wage
- 76.3% are/were employed full-time
- 13.6% are/were employed part-time
- 8.5% are/were self-employed
- 17.4% hold two or more jobs
- Currently working an average of 48 hrs/week

Current Benefits:

- Health/medical insurance - 85.1%
- Pension/retirement/401K - 59.6%
- Dental coverage - 38.3%
- Paid vacation - 36.2%
- Vision coverage - 21.3%
- Disability insurance - 17.0%
- Paid sick leave - 14.9%
- Life insurance - 12.8%
- Paid holidays - 12.8%
- Paid Time Off (PTO) - 6.4%

Desired Benefits:

(by percent of interest)

- Health/medical insurance - 95.2%
- Pension/retirement/401K - 47.6%
- Dental coverage - 42.9%
- Paid vacation - 33.3%
- Vision coverage - 9.5%
- Paid sick leave - 9.5%
- Paid Time Off (PTO) - 9.5%
- Disability insurance - 9.5%
- Life insurance - 9.5%

Top Advertising Media:

(for those seeking employment opportunities)

- The Internet
 - www.iowaworkforce.org
 - www.monster.com
- Local/Regional Newspapers
 - Spencer Daily Reporter
 - Emmetsburg Reporter/Democrat
- Iowa Workforce Development Centers

Underemployment:

Total Underemployment - 5.1%

- Low hours - 0.0%
- Mismatch of skills - 5.1%
- Low income - 0.0%

IWD only counts individuals once when estimating Total Underemployment.

The Iowa Workforce Development Region 3/4 service area aggregated wage data was also extracted from the Iowa Wage Survey and is provided in the table on page 2 which reflects mean, entry, experienced, and median wages.

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Information was compiled by Iowa Workforce Development using 2010 data.

Occupation	Occupational Code	Mean Wage	Entry Wage	Experienced Wage	Median Wage
General and Operations Managers	11-1021	\$ 46.79	\$ 23.97	\$ 58.20	\$ 40.40
Industrial Production Managers	11-3051	\$ 43.03	\$ 25.15	\$ 51.96	\$ 40.43
Purchasing Managers	11-3061	\$ 38.16	\$ 24.00	\$ 45.23	\$ 37.68
Transportation, Storage, and Distribution Managers	11-3071	\$ 34.60	\$ 23.01	\$ 40.39	\$ 33.55
Purchasing Agents, Except Wholesale, Retail, and Farm Products	13-1023	\$ 22.59	\$ 15.14	\$ 26.32	\$ 21.77
Accountants and Auditors	13-2011	\$ 27.20	\$ 17.75	\$ 31.93	\$ 24.68
Computer Specialists, All Other	15-1099	\$ 27.72	\$ 18.30	\$ 32.43	\$ 26.72
Electrical Engineers	17-2071	\$ 38.45	\$ 26.29	\$ 44.54	\$ 36.40
Electrical and Electronic Engineering Technicians	17-3023	\$ 25.22	\$ 20.45	\$ 27.61	\$ 24.97
Sales Representatives, Wholesale and Manufacturing, Technical and Scientific Products	41-4011	\$ 35.45	\$ 17.99	\$ 44.18	\$ 30.75
Sales Representatives, Wholesale and Manufacturing, Except Technical and Scientific Products	41-4012	\$ 25.60	\$ 13.21	\$ 31.79	\$ 21.74
Shipping, Receiving, and Traffic Clerks	43-5071	\$ 14.23	\$ 9.99	\$ 16.36	\$ 13.60
Computer Operators	43-9011	\$ 15.43	\$ 10.54	\$ 17.88	\$ 14.75
Electricians	47-2111	\$ 22.91	\$ 15.69	\$ 26.51	\$ 22.89
Painters, Construction and Maintenance	47-2141	\$ 16.38	\$ 10.49	\$ 19.33	\$ 15.57
Sheet Metal Workers	47-2211	\$ 20.44	\$ 14.23	\$ 23.54	\$ 19.48
Electrical and Electronics Repairers, Commercial and Industrial Equipment	49-2094	\$ 25.47	\$ 16.46	\$ 29.99	\$ 25.87
Maintenance and Repair Workers, General	49-9042	\$ 16.65	\$ 11.02	\$ 19.47	\$ 16.17
Maintenance Workers, Machinery	49-9043	\$ 17.82	\$ 13.65	\$ 19.90	\$ 17.84
Helpers--Installation, Maintenance, and Repair Workers	49-9098	\$ 12.57	\$ 8.64	\$ 14.53	\$ 11.32
First-Line Supervisors/Managers of Production and Operating Workers	51-1011	\$ 25.47	\$ 16.31	\$ 30.06	\$ 23.73
Electrical and Electronic Equipment Assemblers	51-2022	\$ 13.10	\$ 9.41	\$ 14.94	\$ 11.94
Electromechanical Equipment Assemblers	51-2023	\$ 16.92	\$ 12.06	\$ 19.34	\$ 17.24
Structural Metal Fabricators and Fitters	51-2041	\$ 15.23	\$ 11.05	\$ 17.33	\$ 15.83
Fiberglass Laminators and Fabricators	51-2091	\$ 11.67	\$ 8.81	\$ 13.09	\$ 11.20
Team Assemblers	51-2092	\$ 14.45	\$ 9.78	\$ 16.80	\$ 13.84
Assemblers and Fabricators, All Other	51-2099	\$ 13.20	\$ 9.70	\$ 14.94	\$ 12.77
Computer-Controlled Machine Tool Operators, Metal and Plastic	51-4011	\$ 15.97	\$ 12.47	\$ 17.71	\$ 15.56
Cutting, Punching, and Press Machine Setters, Operators, and Tenders, Metal and Plastic	51-4031	\$ 14.80	\$ 11.05	\$ 16.67	\$ 14.62
Machinists	51-4041	\$ 17.09	\$ 12.63	\$ 19.31	\$ 16.92
Multiple Machine Tool Setters, Operators, and Tenders, Metal and Plastic	51-4081	\$ 15.21	\$ 12.06	\$ 16.78	\$ 14.83
Welders, Cutters, Solderers, and Brazers	51-4121	\$ 15.98	\$ 12.58	\$ 17.68	\$ 15.51
Welding, Soldering, and Brazing Machine Setters, Operators, and Tenders	51-4122	\$ 15.87	\$ 12.59	\$ 17.50	\$ 15.89
Inspectors, Testers, Sorters, Samplers, and Weighers	51-9061	\$ 16.11	\$ 10.62	\$ 18.87	\$ 15.80
Coating, Painting, and Spraying Machine Setters, Operators, and Tenders	51-9121	\$ 14.97	\$ 10.49	\$ 17.20	\$ 14.65
Painters, Transportation Equipment	51-9122	\$ 16.33	\$ 12.94	\$ 18.01	\$ 15.74
Production Workers, All Other	51-9199	\$ 13.45	\$ 9.12	\$ 15.62	\$ 13.14
Truck Drivers, Heavy and Tractor-Trailer	53-3032	\$ 17.87	\$ 11.98	\$ 20.83	\$ 17.18
Industrial Truck and Tractor Operators	53-7051	\$ 14.45	\$ 10.79	\$ 16.27	\$ 14.14
Drilling and Boring Machine Tool Setters, Operators, and Tenders, Metal and Plastic	51-4032	\$ 13.59	\$ 11.52	\$ 14.62	\$ 13.78
Lathe and Turning Machine Tool Setters, Operators, and Tenders, Metal and Plastic	51-4034	\$ 13.83	\$ 12.39	\$ 14.55	\$ 13.97
Molding, Coremaking, and Casting Machine Setters, Operators, and Tenders, Metal and Plastic	51-4072	\$ 14.42	\$ 10.37	\$ 16.44	\$ 14.24
Crushing, Grinding, and Polishing Machine Setters, Operators, and Tenders	51-9021	\$ 13.93	\$ 12.16	\$ 14.82	\$ 14.06
Extruding, Forming, Pressing, and Compacting Machine Setters, Operators, and Tenders	51-9041	\$ 13.78	\$ 10.47	\$ 15.43	\$ 13.88

This Iowa Wage Survey for Iowa Workforce Development (IWD) Regions 3 and 4 service area was produced by the Labor Force & Occupational Analysis Bureau to provide communities local information on wages by occupation. This publication was developed specifically for the IWD Region 3 and 4 service area. The source of the wage and employment data is the 2009 Iowa Wage Survey. Additional data from the Iowa Wage Survey for individual counties, Iowa Workforce Development regions, and by industry statewide are available on the Iowa Workforce Development web site located at www.iowaworkforce.org.