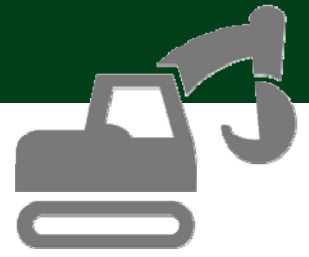


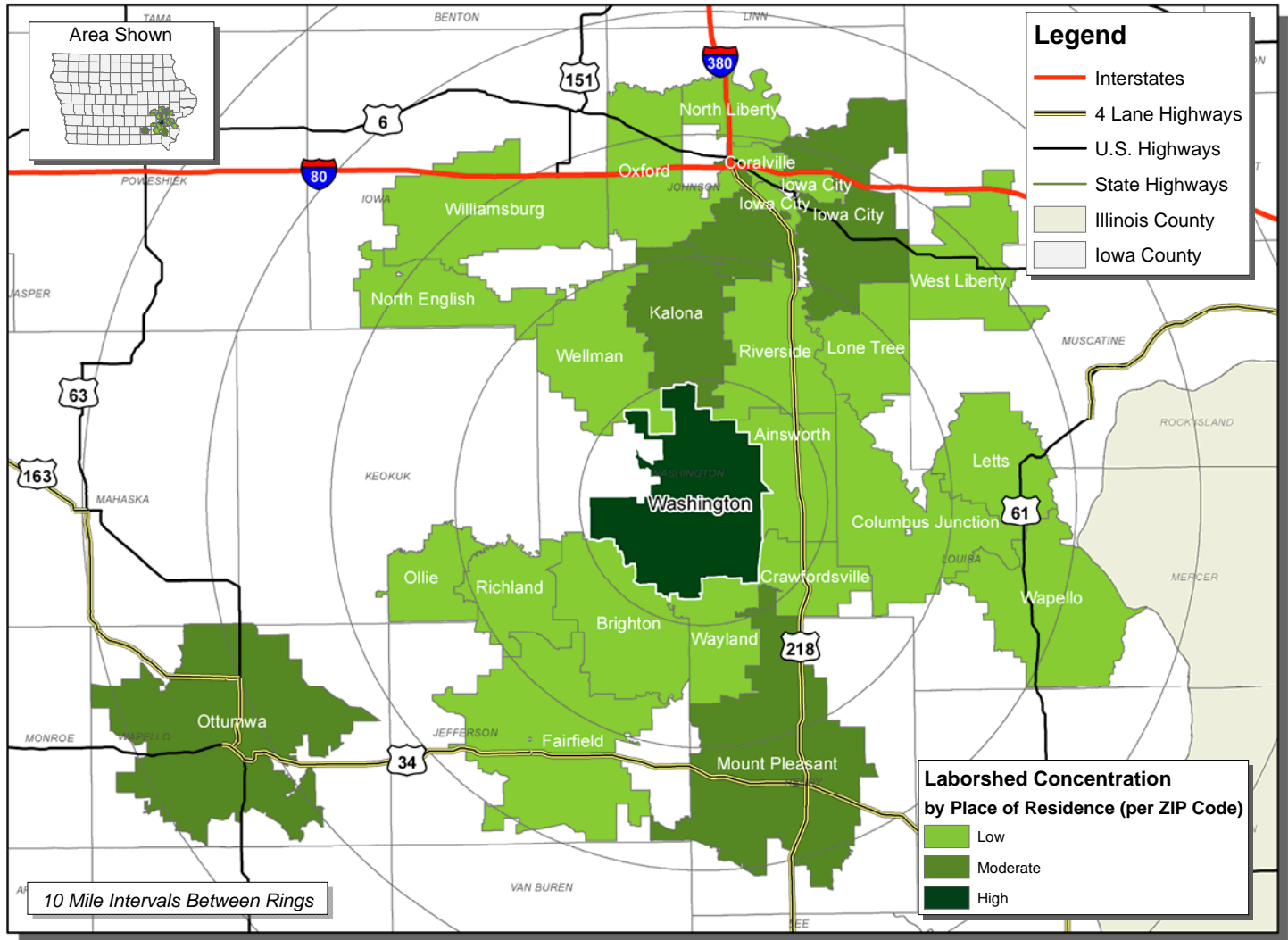
LABOR CHARACTERISTICS

CONSTRUCTION



WASHINGTON COUNTY, 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 15 miles one way for work. Those who are likely to change/accept employment are willing to commute an average of 24 miles one way for the right employment opportunity.

FOR MORE INFORMATION REGARDING THE WASHINGTON COUNTY LABORSHED, CONTACT:

LABOR CHARACTERISTICS



CONSTRUCTION

ESTIMATED AVAILABLE LABOR PER OCCUPATIONAL CATEGORY:

BUSINESS OPERATIONS:

- Managers - 4,028
- Secretaries - 4,430

CONSTRUCTION:

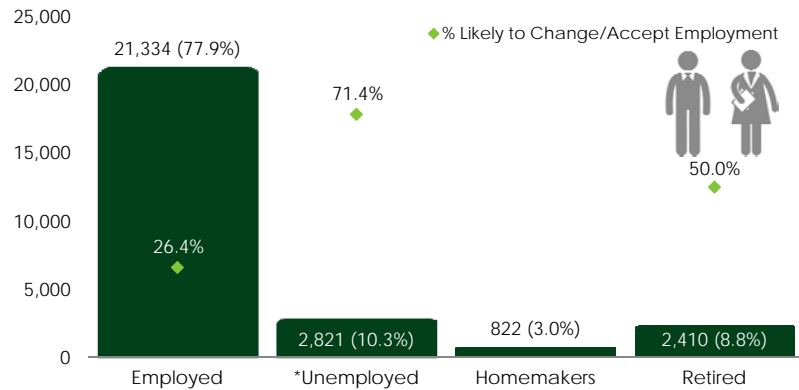
- Managers - 1,208
- Supervisors - 403
- Assemblers and Fabricators - 408
- Carpenters - 801
- Cement Masons and Concrete Finishers - 401
- Construction Laborers - 1,611
- Electricians - 402
- Highway Maintenance Workers - 805
- Installation, Maintenance, and Repair Workers - 410
- Maintenance and Repair Workers - 1,603
- Maintenance Workers, Machinery - 399
- Millwrights - 409
- Mobile Heavy Equipment Mechanics - 406
- Operating Engineers and Other Construction Equipment Operators - 1,610
- Painters, Construction and Maintenance - 807
- Paving, Surfacing, and Tamping Equipment Operators - 404
- Plumbers, Pipefitters, and Steamfitters - 400
- Sheet Metal Workers - 406

MATERIAL MOVERS:

- Forklift Operators - 397
- Heavy Truck Drivers - 3,625
- Laborers and Material Movers, Hand - 2,014

AN ESTIMATED TOTAL OF
27,387 PEOPLE IN THE LABORSHED AREA

ESTIMATED TOTAL BY EMPLOYMENT STATUS (PERCENTAGE):



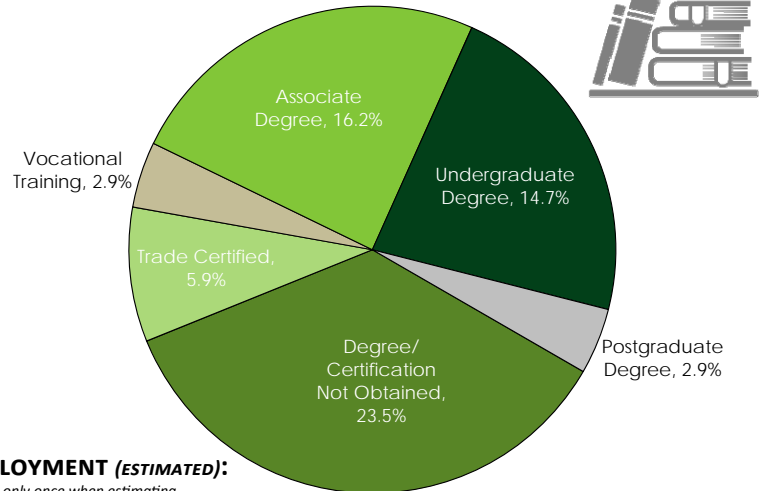
*Employment status is self-identified by the survey respondent. The unemployment percentage does not reflect the unemployment rate published by the U.S. Bureau of Labor Statistics, which applies a stricter definition.

EMPLOYMENT STATS:

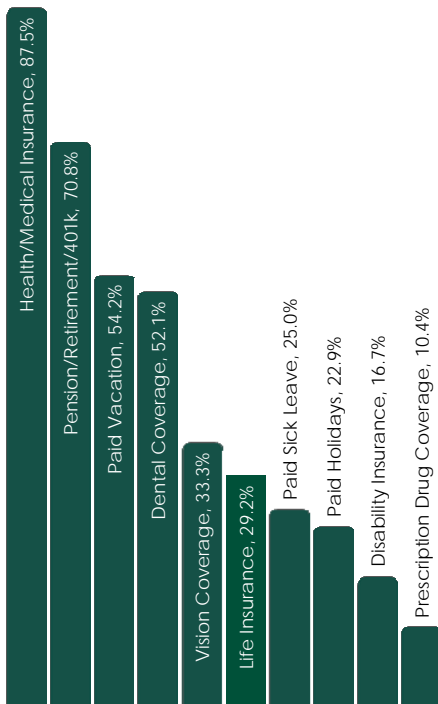
- 70.6% paid an hourly wage
- 72.1% are/were employed full-time
- 10.3% are/were employed part-time
- 8.8% are/were seasonal/temporary
- 8.8% are/were self-employed
- 17.0% hold two or more jobs
- Currently working an average of 46 hours/week

EDUCATIONAL LEVEL:

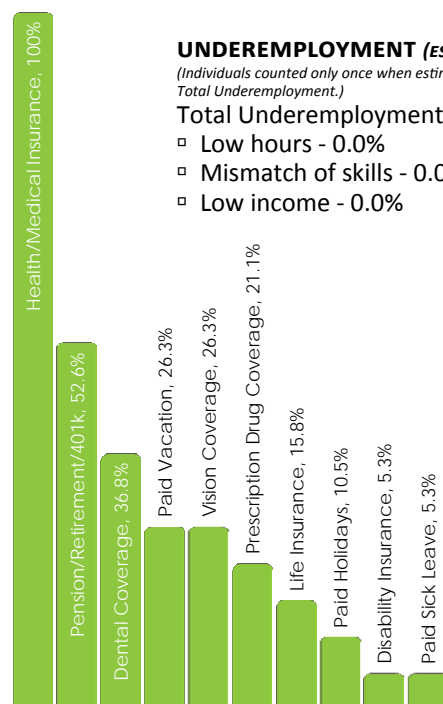
(66.1% HAVE AN EDUCATION BEYOND HIGH SCHOOL)



CURRENT BENEFITS:



DESIRED BENEFITS:



UNDEREMPLOYMENT (ESTIMATED):

(Individuals counted only once when estimating Total Underemployment.)

Total Underemployment - 0.0%

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

TOP JOB SEARCH RESOURCES:

(For those seeking employment opportunities, by use.)

- Internet - 57.6%
 - www.iowajobs.org
 - www.linkedin.com
- Local/Regional Newspapers - 23.7%
 - The Ottumwa Courier
 - The Gazette - Cedar Rapids
 - Washington Evening Journal
- Networking through friends, family or acquaintances - 23.7%
- IowaWORKS Centers - 15.3%



WORKPLACE FLEXIBILITY:

(by percent of interest)

- Job teams - 69.6%
- Cross-training - 47.8%
- Varied shifts - 26.1%
- Job sharing - 21.7%
- Seasonal work - 39.1%
- Temporary work - 39.1%



LABOR CHARACTERISTICS - WAGES

CONSTRUCTION



OCCUPATION	OCCUPATIONAL CODE	MEAN WAGE	ENTRY WAGE	EXPERIENCED WAGE	MEDIAN WAGE	MEAN ANNUAL SALARY
Architects, Except Landscape and Naval	17-1011	\$ 34.14	\$ 18.81	\$ 41.80	\$ 30.86	\$ 71,005
Architectural and Civil Drafters	17-3011	\$ 21.40	\$ 14.56	\$ 24.82	\$ 21.63	\$ 44,509
Brickmasons and Blockmasons	47-2021	\$ 20.59	\$ 15.50	\$ 23.14	\$ 20.21	\$ 42,833
Carpenters	47-2031	\$ 20.06	\$ 13.90	\$ 23.14	\$ 18.75	\$ 41,728
Cement Masons and Concrete Finishers	47-2051	\$ 19.60	\$ 15.01	\$ 21.90	\$ 19.21	\$ 40,776
Civil Engineering Technicians	17-3022	\$ 27.07	\$ 20.21	\$ 30.50	\$ 27.32	\$ 56,307
Civil Engineers	17-2051	\$ 36.26	\$ 25.07	\$ 41.85	\$ 35.44	\$ 75,415
Construction and Building Inspectors	47-4011	\$ 26.83	\$ 21.63	\$ 29.44	\$ 27.31	\$ 55,814
Construction and Related Workers, All Other	47-4099	\$ 22.16	\$ 16.41	\$ 25.04	\$ 23.14	\$ 46,102
Construction Laborers	47-2061	\$ 15.04	\$ 11.08	\$ 17.02	\$ 14.22	\$ 31,284
Construction Managers	11-9021	\$ 31.63	\$ 19.40	\$ 37.74	\$ 29.36	\$ 65,788
Crane and Tower Operators	53-7021	\$ 22.73	\$ 17.90	\$ 25.14	\$ 22.83	\$ 47,273
Drywall and Ceiling Tile Installers	47-2081	\$ 16.08	\$ 11.05	\$ 18.59	\$ 16.59	\$ 33,442
Electricians	47-2111	\$ 22.98	\$ 15.64	\$ 26.65	\$ 23.65	\$ 47,799
Excavating and Loading Machine and Dragline Operators	53-7032	\$ 14.58	\$ 8.04	\$ 17.84	\$ 16.30	\$ 30,317
First-Line Supervisors of Construction Trades and Extraction Workers	47-1011	\$ 27.44	\$ 18.35	\$ 31.98	\$ 27.23	\$ 57,074
First-Line Supervisors of Helpers, Laborers, and Material Movers, Hand	53-1021	\$ 20.34	\$ 12.87	\$ 24.07	\$ 20.10	\$ 42,302
First-Line Supervisors of Mechanics, Installers, and Repairers	49-1011	\$ 29.76	\$ 20.97	\$ 34.16	\$ 29.63	\$ 61,909
First-Line Supervisors of Transportation and Material-Moving Machines	53-1031	\$ 26.11	\$ 17.97	\$ 30.18	\$ 26.48	\$ 54,312
Heavy and Tractor-Trailer Truck Drivers	53-3032	\$ 19.76	\$ 12.70	\$ 23.28	\$ 19.23	\$ 41,091
Helpers--Brickmasons, Blockmasons, Stonemasons, and Tile and Marble	47-3011	\$ 13.31	\$ 10.48	\$ 14.73	\$ 11.53	\$ 27,690
Helpers--Installation, Maintenance, and Repair Workers	49-9098	\$ 15.63	\$ 8.25	\$ 19.32	\$ 14.09	\$ 32,507
Highway Maintenance Workers	47-4051	\$ 20.98	\$ 16.84	\$ 23.04	\$ 21.69	\$ 43,630
Industrial Truck and Tractor Operators	53-7051	\$ 15.17	\$ 12.58	\$ 16.47	\$ 14.57	\$ 31,560
Installation, Maintenance, and Repair Workers, All Other	49-9099	\$ 22.50	\$ 15.85	\$ 25.82	\$ 24.12	\$ 46,796
Insulation Workers, Mechanical	47-2132	\$ 20.86	\$ 15.41	\$ 23.58	\$ 19.61	\$ 43,383
Laborers and Freight, Stock, and Material Movers, Hand	53-7062	\$ 14.72	\$ 9.81	\$ 17.18	\$ 12.70	\$ 30,617
Light Truck or Delivery Services Drivers	53-3033	\$ 14.55	\$ 8.30	\$ 17.68	\$ 11.91	\$ 30,274
Maintenance and Repair Workers, General	49-9071	\$ 18.76	\$ 12.21	\$ 22.03	\$ 18.46	\$ 39,017
Managers, All Other	11-9199	\$ 40.35	\$ 25.19	\$ 47.93	\$ 36.91	\$ 83,926
Millwrights	49-9044	\$ 22.91	\$ 19.92	\$ 24.40	\$ 21.89	\$ 47,643
Mobile Heavy Equipment Mechanics, Except Engines	49-3042	\$ 21.99	\$ 17.48	\$ 24.25	\$ 21.71	\$ 45,742
Operating Engineers and Other Construction Equipment Operators	47-2073	\$ 21.31	\$ 15.38	\$ 24.28	\$ 20.12	\$ 44,333
Painters, Construction and Maintenance	47-2141	\$ 19.29	\$ 14.07	\$ 21.90	\$ 17.83	\$ 40,124
Paving, Surfacing, and Tamping Equipment Operators	47-2071	\$ 20.28	\$ 16.36	\$ 22.23	\$ 18.68	\$ 42,174
Pipelayers	47-2151	\$ 17.81	\$ 12.62	\$ 20.41	\$ 16.47	\$ 37,048
Plumbers, Pipefitters, and Steamfitters	47-2152	\$ 20.70	\$ 12.15	\$ 24.97	\$ 18.87	\$ 43,049
Secretaries and Administrative Assistants, Except Legal, Medical, and Executive	43-6014	\$ 16.64	\$ 11.31	\$ 19.31	\$ 16.17	\$ 34,615
Septic Tank Servicers and Sewer Pipe Cleaners	47-4071	\$ 16.74	\$ 14.86	\$ 17.69	\$ 16.87	\$ 34,827
Sheet Metal Workers	47-2211	\$ 23.70	\$ 14.45	\$ 28.33	\$ 21.71	\$ 49,300
Structural Metal Fabricators and Fitters	51-2041	\$ 16.75	\$ 15.52	\$ 17.36	\$ 16.91	\$ 34,838
Surveying and Mapping Technicians	17-3031	\$ 24.00	\$ 20.19	\$ 25.90	\$ 23.59	\$ 49,920
Surveyors	17-1022	\$ 35.22	\$ 22.56	\$ 41.54	\$ 35.38	\$ 73,254
Tile and Marble Setters	47-2044	\$ 16.60	\$ 13.62	\$ 18.09	\$ 16.70	\$ 34,522
Urban and Regional Planners	19-3051	\$ 31.39	\$ 23.55	\$ 35.31	\$ 32.93	\$ 65,291
Welders, Cutters, Solderers, and Brazers	51-4121	\$ 18.01	\$ 13.74	\$ 20.14	\$ 17.98	\$ 37,463

The 2016 Iowa Wage data for the Washington County 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 2015 OES estimates. Additional occupational wage and employment data can be found at <https://www.iowaworkforcedevelopment.gov/iawagereport>.