

DEED's Job Vacancy Survey (JVS) Tool Tutorial

Step 1: Go to <https://mn.gov/deed/data/data-tools/job-vacancy/>

Step 2: Click on [Use the data tool](#) "Use the data tool" (<https://apps.deed.state.mn.us/lmi/jvs/Results.aspx>)

Step 3: Data in the table show the "Number of Job Vacancies"; as well as the percent that are part-time, temporary or seasonal, the percent that require postsecondary education, a certificate or license, and at least 1 year of prior work experience.

Step 4: Data in the table show the hourly "Median Wage Offer" for the current job vacancies.

Step 5: Click on the [-] button next to an occupational group to display the detailed list of occupations.

Step 7: Click on "More Vacancy Details".

Data in the table show the "Number of Job Vacancies", as well as additional details on "Education Requirements" (the percent requiring a high school diploma or less, vocational training, associate's degree, or a bachelor's degree or higher), "Prior Work Experience" (less than 1 year, 1-3 years, and 4+ years), "Wage Offers" (25th, 50th, and 75th percentile offers), and what percentage "Offer Health Care" insurance.

Occupation	# of Job Vacancies	Educational Requirements (% of vacancies)				Work Experience				Wage Offers (percentiles)			Offers Health Care	
		None	HS or GED	Vocational Training	Associate Degree	25th	50th	75th	25th	50th	75th			
Total, All Occupations	97,374	30%	37%	8%	7%	58%	31%	10%	\$11.01	\$13.97	\$20.00	53%		
Management Occupations	2,910	2%	12%	1%	4%	4%	23%	73%	\$28.62	\$36.64	\$43.89	91%		
Business and Financial Operations Occupations	3,851	3%	25%	1%	7%	10%	45%	45%	\$20.24	\$25.31	\$31.02	95%		
Computer and Mathematical Occupations	2,590	2%	19%	1%	9%	13%	24%	62%	\$25.64	\$31.74	\$38.90	98%		
Architecture and Engineering Occupations	1,923	1%	9%	5%	9%	15%	36%	49%	\$24.07	\$29.54	\$35.64	97%		
Life, Physical, and Social Science Occupations	992	1%	9%	1%	11%	12%	62%	26%	\$20.11	\$25.05	\$29.75	86%		
Community and Social Service Occupations	2,324	1%	21%	1%	11%	30%	64%	6%	\$13.93	\$16.16	\$19.70	80%		
Legal Occupations	245	0%	6%	8%	3%	8%	74%	12%	57%	30%	\$27.01	\$36.90	\$39.71	95%
Education, Training, and Library Occupations	3,344	12%	20%	2%	20%	32%	15%	52%	45%	3%	\$13.70	\$16.45	\$22.81	38%
Arts, Design, Entertainment, Sports, and Media Occ	1,089	18%	47%	1%	6%	28%	0%	59%	32%	10%	\$12.97	\$16.18	\$21.57	33%
Healthcare Practitioners and Technical Occupations	7,254	1%	8%	11%	40%	20%	20%	47%	42%	11%	\$19.78	\$26.84	\$34.27	70%
Healthcare Support Occupations	4,185	12%	49%	33%	6%	0%	0%	71%	29%	0%	\$11.67	\$13.01	\$14.50	40%
Protective Service Occupations	956	17%	63%	3%	15%	2%	0%	56%	38%	6%	\$10.45	\$12.38	\$14.52	92%
Food Preparation and Serving Related Occupations	12,964	61%												

Step 8: Select a different quarter from the dropdown menu to see detailed data from a previous Job Vacancy Survey.

Step 9: Click on "Export Results" to sort the data in Excel.

Step 10: Click on “Change Area” (<https://apps.deed.state.mn.us/lmi/jvs/ChooseAreaMap.aspx>)

Step 11: Select the circle for “Occupation”, “Industry”, or “Firm Size”; Select the circle for “All”, “Part-time” or “Full-time”.

Step 12: Select the “Survey Area” you’re interested in, Select the area from the dropdown menu *or* from the map, Click “View Data”.

Job Vacancy Survey

1. Select a Dataset
 Occupation
 Industry
 Firm Size

2. Select Part-Time, Full-Time
 All
 Part-time
 Full-time

3. Select Survey Area
 Select Survey Area
 All Minnesota
 Greater Minnesota (Excludes Seven County Metro Area)
 Seven County Metro Area (Twin Cities Metro)
 Economic Development Regions
 Planning Region
 Zip Code

Select one or more areas by clicking on either the names in the list box or areas on the map. The selected area will be added to the Areas Selected box. To view the results for your selected areas click on the “View Data” button.

Statewide - Minnesota
 EDR 1 - Northwest
 EDR 2 - Headwaters
 EDR 3 - Arrowhead
 EDR 4 - West Central
 EDR 5 - North Central
 EDR 6E - Southwest Central
 EDR 6W - Upper Minnesota Valley
 EDR 7E - East Central
 EDR 7W - Central
 EDR 8 - Southwest
 EDR 9 - South Central
 EDR 10 - Southeast
 EDR 11 - 7 County Twin Cities

Areas Selected
 EDR 5 - North Central

Remove Selected Selection Clear All View Data

Data is available for several geographic regions including:

- All Minnesota
- Greater Minnesota vs. Twin Cities
- Economic Development Regions
- Planning Regions
- Zip Code

When using a zip code, enter a numerical 5 digit zip code and press the “Add To Areas Selected” button. The Economic Development Region(EDR) and Planning Area corresponding to the zip code entered will be added to the Areas Selected box. To view the results for your selected areas click on the “View Data” button.

56301 Add To Areas Selected

Areas Selected

EDR 5 - North Central
 Central Minnesota
 EDR 7W - Central

Remove Selected Selection Clear All View Data

Job Vacancy Survey

Change Area | More Vacancy Details | Export Results

Job Vacancy Survey - By Industry, All

Occupation Industry Firm Size
 All Part-time Full-time

Select period: 2016 Fourth Quarter

EDR 5 - North Central

Industry	Industry	# of Job Vacancies	Job Vacancy Rate	PartTime	Temporary or Seasonal	Requiring Post-Secondary Education	Requiring 1 Plus Years Experience	Requiring Certificate or License	Median Wage Offer
000000	Total, All Industries	2,246	3.7%	50%	7%	33%	33%	37%	\$12.24
23	Construction	63	1.9%	10%	5%	55%	63%	21%	\$18.49
31	Manufacturing	412	6.5%	1%	0%	20%	23%	0%	\$13.15
42	Wholesale Trade	65	3.8%	42%	0%	2%	44%	15%	\$10.08
44	Retail Trade	269	3.2%	54%	0%	0%	2%	0%	\$9.50
48	Transportation and Warehousing	67	4.2%	53%	90%	0%	46%	94%	\$14.62
51	Information	13	1.4%	12%	0%	50%	50%	0%	\$16.09
61	Educational Services	141	2.2%	84%	21%	37%	9%	34%	\$13.68
62	Health Care and Social Assistance	470	4.4%	69%	1%	57%	62%	73%	\$15.95
71	Arts, Entertainment, and Recreation	106	9.7%	67%	90%	0%	7%	7%	\$9.96
72	Accommodation and Food Services	179	2.8%	76%	0%	2%	53%	6%	\$9.86
81	Other Services, Ex. Public Admin	197	11.2%	87%	0%	92%	0%	92%	\$11.06
92	Public Administration	162	3.2%	46%	0%	69%	72%	87%	\$18.08

Step 13: Click “Export Results” to sort the data in Excel.

For additional help, contact your DEED Regional Analyst:
<http://mn.gov/deed/data/regional-lmi/index.jsp>

Area	Period	Industry	vacancies	vac	medianwage	meanwage	maxwage	minwage	p10th	p25th	p50th	p75th	p90th	parttime	tempseas	reqpostse	reqexper	reqcert
EDR 5 - Ni 2016 Fourth	0 Total, All Industries		2246	4	\$12.24	\$14.97	\$28.55	\$6.00	\$9.47	\$10.25	\$16.09	\$22.89	50	7	33	33		
EDR 5 - Ni 2016 Fourth	23 Construction		63	2	\$18.49	\$19.02	\$25.32	\$12.81	\$13.07	\$15.27	\$21.93	\$33.40	10	5	55	63		
EDR 5 - Ni 2016 Fourth	31 Manufacturing		412	7	\$13.15	\$14.84	\$57.69	\$9.90	\$9.75	\$11.48	\$14.54	\$18.76	1	0	20	23		
EDR 5 - Ni 2016 Fourth	42 Wholesale Trade		65	4	\$10.08	\$14.05	\$76.92	\$10.00	\$10.00	\$11.17	\$17.57	42	0	2	44			
EDR 5 - Ni 2016 Fourth	44 Retail Trade		269	3	\$9.50	\$10.37	\$17.49	\$9.30	\$9.30	\$9.50	\$10.51	\$10.85	54	0	0	2		
EDR 5 - Ni 2016 Fourth	48 Transportation and Warehousing		67	4	\$14.62	\$15.17	\$26.72	\$11.31	\$11.72	\$12.71	\$16.75	\$16.16	53	50	0	46		
EDR 5 - Ni 2016 Fourth	51 Information		13	1	\$16.09	\$19.53	\$27.00	\$14.00	\$14.00	\$15.03	\$18.35	\$20.47	12	0	50	50		
EDR 5 - Ni 2016 Fourth	61 Educational Services		141	2	\$13.68	\$14.51	\$29.67	\$9.79	\$10.54	\$11.72	\$15.89	\$19.33	84	21	37	9		
EDR 5 - Ni 2016 Fourth	62 Health Care and Social Assistance		470	4	\$15.95	\$20.33	\$28.55	\$9.71	\$9.93	\$11.66	\$24.51	\$35.33	69	1	57	62		
EDR 5 - Ni 2016 Fourth	71 Arts, Entertainment, and Recreation		106	10	\$9.96	\$10.87	\$19.29	\$9.82	\$9.87	\$9.91	\$10.74	\$13.88	67	90	0	7		
EDR 5 - Ni 2016 Fourth	72 Accommodation and Food Services		179	3	\$9.86	\$10.35	\$26.44	\$8.00	\$8.00	\$8.25	\$11.38	\$12.49	76	0	2	53		
EDR 5 - Ni 2016 Fourth	81 Other Services, Ex. Public Admin		197	11	\$11.06	\$11.57	\$14.05	\$9.81	\$10.01	\$10.38	\$11.97	\$12.71	87	0	92	0		
EDR 5 - Ni 2016 Fourth	92 Public Administration		162	3	\$18.08	\$19.45	\$42.86	\$10.08	\$12.34	\$14.72	\$24.35	\$26.69	46	0	69	72		