

DEED's Job Vacancy Survey (JVS) Tool Tutorial

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

Step 2: Click on [Use the data tool](#) "Use the data tool" (<https://apps.deed.state.mn.us/lmi/qcew/AreaSel.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 6: Click on the "SOC Code" to see historical job vacancy counts going back to 2001.

Year	2nd Quarter	4th Quarter
2016	97,500	97,374
2015	97,997	96,114
2014	84,696	89,927
2013	72,569	69,399
2012	62,949	58,864
2011	54,979	49,880
2010	41,397	33,804
2009	31,358	25,895
2008	51,722	31,966
2007	62,969	50,564
2006	64,939	55,730
2005	50,474	61,556
2004	66,543	51,127
2003	53,246	50,436
2002	69,715	56,196
2001	115,072	79,793

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%	\$27.01	\$36.90	\$39.71	95%	
Education, Training, and Library Occupations	3,344	12%	20%	2%	20%	32%	15%	52%	\$13.70	\$16.45	\$22.81	38%	
Arts, Design, Entertainment, Sports, and Media Occ	1,089	18%	47%	1%	6%	59%	32%	10%	\$12.97	\$16.18	\$21.57	33%	
Healthcare Practitioners and Technical Occupations	7,254	8%	11%	40%	20%	47%	42%	11%	\$19.78	\$26.84	\$34.27	70%	
Healthcare Support Occupations	4,185	12%	49%	33%	6%	71%	29%	0%	\$11.67	\$13.01	\$14.50	40%	
Protective Service Occupations	956	17%	63%	3%	15%	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”.

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

Select period: 2016 Fourth Quarter

Occupation Industry Firm Size
All Part-time Full-time

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>