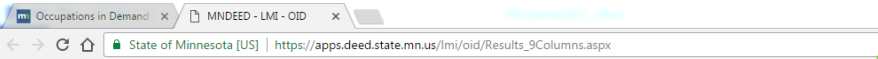


DEED's Occupations in Demand (OID) Tool Tutorial

Step 1: Go to <http://www.mn.gov/deed/data/data-tools/oid/>

Step 2: Click on [Use the data tool](#) "Use the data tool" (https://apps.deed.state.mn.us/lmi/oid/Results_9Columns.aspx)



Step 3

Occupations In Demand

Start New Search | Export 3 thru 5 star results | Export 1 thru 5 star results

This is a ranking of occupations in demand in the selected region. Long-term growth rate and projections are included for comparison but may differ from current changes in the labor market. Click Education Requirements for job training information.

To further refine these results use the filters below:

Wage Range (median) Education Category Job Title Keyword Search

Minnesota Show only 3 thru 5 Star Occupations in Results

SOC Code	Job Title	Current Demand Rank	Current Demand Indicator	25th Percentile Wage	Median Wage	MN Projected Growth Rate	MN Projected Openings	Education Requirements	On-the-job Training Requirements
412031	Retail Salespersons	1	★★★★★	\$18,695/yr	\$21,417/yr	5.6%	35,300	Less than high school	Short term on the job training
291141	Registered Nurses	2	★★★★★	\$58,144/yr	\$72,711/yr	11.8%	20,110	Bachelor's degree	None
353021	Combined Food Preparation and Serving Workers, Inc	3	★★★★★	\$17,905/yr	\$18,895/yr	8.3%	25,980	Less than high school	Short term on the job training
399021	Personal Care Aides	4	★★★★★	\$21,460/yr	\$23,419/yr	25.8%	21,700	Less than high school	Short term on the job training
412011	Cashiers	5	★★★★★	\$18,181/yr	\$19,592/yr	1.6%	26,910	Less than high school	Short term on the job training
533032	Heavy and Tractor-Trailer Truck Drivers	6	★★★★★	\$34,972/yr	\$41,878/yr	4%	7,920	Less than high school	Short term on the job training
353031	Waiters and Waitresses	7	★★★★★	\$17,854/yr	\$18,804/yr	0.3%	23,500	Less than high school	Short term on the job training
311014	Nursing Assistants	8	★★★★★	\$23,974/yr	\$28,125/yr	8.2%	9,180	Less than high school	Short term on the job training
537062	Laborers and Freight, Stock, and Material Movers	9	★★★★★	\$23,349/yr	\$29,014/yr	1.9%	10,760	Less than high school	Short term on the job training
435081	Stock Clerks and Order Fillers	10	★★★★★	\$20,033/yr	\$24,898/yr	1.6%	10,890	Less than high school	Short term on the job training
372011	Janitors and Cleaners, Except Maids and Housekeepers	11	★★★★★	\$21,399/yr	\$26,014/yr	4.3%	11,260	Less than high school	Short term on the job training

Step 3: Click on "Start New Search".

Occupations In Demand

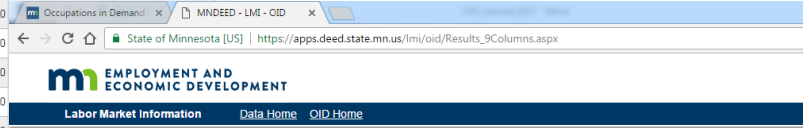
Welcome to the Minnesota Occupations in Demand (OID) homepage. The OID Data Tool allows you to select a region from the box below or click on an area of the map then press the View Data button.

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

2014 Median Annual Salary Data from the 1st Qtr. 2016 Minnesota Salary Survey
Projected Employment Data from the 2014-2024 Minnesota Employment Projections Program

* Hold the cursor over the map to see a list of the counties included in each region.

Step 4: Choose a geographic area, Click on "View Data".



Occupations In Demand

Start New Search | Export 3 thru 5 star results | Export 1 thru 5 star results

This is a ranking of occupations in demand in the selected region. Long-term growth rate and projections are included for comparison but may differ from current changes in the labor market. Click Education Requirements for job training information.

To further refine these results use the filters below:

Wage Range (median) Education Category Job Title Keyword Search

EDR 9 - South Central Show only 3 thru 5 Star Occupations in Results

SOC Code	Job Title	Current Demand Rank	Current Demand Indicator	25th Percentile Wage	Median Wage	Planning Area Projected Growth Rate	Planning Area Projected Openings	Education Requirements	On-the-job Training Requirements
399021	Personal Care Aides	4	★★★★★	\$21,990/yr	\$25,098/yr	23.2%	1,300	Less than high school	Short term on the job training
311014	Nursing Assistants	8	★★★★★	\$22,238/yr	\$25,136/yr	-0.6%	700	Postsecondary non-degree award	None
533032	Heavy and Tractor-Trailer Truck Drivers	3	★★★★★	\$30,984/yr	\$37,196/yr	7.7%	1,070	Postsecondary non-degree award	Short term on the job training
291141	Registered Nurses	4	★★★★★	\$47,991/yr	\$55,837/yr	5%	2,000	Bachelor's degree	Short term on the job training
353021	Combined Food Preparation and Serving Workers, Inc	5	★★★★★	\$17,998/yr	\$19,000/yr	1.9%	1,430	Less than high school	Short term on the job training
311011	Home Health Aides	6	★★★★★	\$19,038/yr	\$22,896/yr	20.5%	1,140	Less than high school	Short term on the job training
8		8	★★★★★	\$18,428/yr	\$19,930/yr	5.6%	460	Less than high school	Moderate term on the job training
9		9	★★★★★	\$20,261/yr	\$24,723/yr	2.1%	760	Less than high school	Short term on the job training
10		10	★★★★★	\$23,597/yr	\$28,992/yr	0.3%	680	Less than high school	Short term on the job training

Step 5: Click on the occupational title to see detailed employment and wage information from DEED's [Occupational Employment Statistics \(OES\) tool](#).

DETAILED OCCUPATION DATA

399021 Personal and Home Care Aides

Occupational Description: Assist the elderly, convalescents, or persons with disabilities with daily living activities at the person's home or in a care facility. Duties perform laundry, washing dishes and preparing meals. May provide assistance at non-residential care facilities. May advise families, the visitor as nutrition, cleanliness, and household activities.

Occupational Employment Statistics (OES) Wage Data
Wages Updated to First Quarter, 2016

Geography	Employment	Emp SE	Mean	Mean SE	10th	25th	Median	75th	90th
EDR 9 - South Central	3,890	210	\$12,388/yr	\$6.57/hr	\$9,877/yr	\$10,577/yr	\$12,877/yr	\$13,978/yr	\$15,548/yr
Minnesota	69,740	2,367	\$11,628/yr	\$6.12/hr	\$9,739/yr	\$10,329/yr	\$11,269/yr	\$12,499/yr	\$14,409/yr
U.S.	1,369,230	10,954	\$10,589/yr	\$6.03/hr	\$8,218/yr	\$9,029/yr	\$10,199/yr	\$11,039/yr	\$13,809/yr

Step 6: Click on the "Education Requirements" link to see a list of schools in the region offering programs related to the selected occupation.

Occupations In Demand

OID Home | Return To OID Results | What's CIP

Training Program Information
EDR 9 - South Central

You selected: (29-1141) Registered Nurses

Below are schools offering programs related to Registered Nurses for EDR 9 - South Central

CIP Code and Title	School Name	Location	Program Title	Award Level	Program Length
513801 Registered Nursing/Registered Nurse	Minnesota State University - Marquette	Marquette - MN	Nursing	BS	At least 2 but less than 4 years
513801 Registered Nursing/Registered Nurse	Minnesota State University - Marquette	Marquette - MN	RN Baccalaureate Cooperative	BS	At least 2 but less than 4 years
513801 Registered Nursing/Registered Nurse	Presentation College	Farmport - MN	Nursing RN to BSN	BS	At least 1 but less than 2 years
513801 Registered Nursing/Registered Nurse	Presentation College	Farmport - MN	Nursing LPN to BSN	BS	At least 2 but less than 4 years
513801 Registered Nursing/Registered Nurse	Presentation College	Farmport - MN	Nursing	BSN	At least 4 or more years
513801 Registered Nursing/Registered Nurse	Ramapolet College - Marquette	Marquette - MN	RN to BSN Program/Nursing	BS	At least 1 but less than 2 years
513801 Registered Nursing/Registered Nurse	Ramapolet College - Marquette	Marquette - MN	Professional Nursing	Associate	At least 2 but less than 4 years
513801 Registered Nursing/Registered Nurse	South Central College - North Marquette	North Marquette - MN	Nursing	AS	At least 2 but less than 4 years

Step 7: To further refine these results, use the filters:
 Select a "Wage Range (median)" from the dropdown menu
 and/or select an "Education Category" from the dropdown menu.

Step 8: Type in a "Job Title Keyword Search", then
 click on "Get Filtered Results".

To further refine these results use the filters below:

Wage Range (median) All Wage Ranges
 Education Category All Education Categories
 Job Title Keyword Search accountants

Step 8 → Get Filtered Results

EDR 9 - South Central Show only 3 thru 5 Star Occupations in Results

SOC Code	Job Title	Current Demand Rank	Current Demand Indicator	25th Percentile Wage	Median Wage	Planning Area Projected Growth Rate	Planning Area Projected Openings	Education Requirements	On-the-job Training Requirements
132011	Accountants and Auditors	41	★★★★★	\$52,321/yr	\$60,471/yr	5.6%	440	Bachelor's degree	None

Last Updated: June 2016 Next Update: June 2017

Occupations In Demand

Start New Search Export 3 thru 5 star results Export 1 thru 5 star results

To further refine these results use the filters below:
 Wage Range (median) \$37,001 to \$57,000
 Education Category All Education Categories
 Job Title Keyword Search \$37,001 to \$57,000

Step 7 →

To further refine these results use the filters below:
 Wage Range (median) \$37,001 to \$57,000
 Education Category Associate's degree
 Job Title Keyword Search

EDR 9 - South Central Show only 3 thru 5 Star Occupations in Results

SOC Code	Job Title	Current Demand Rank	Current Demand Indicator	25th Percentile Wage	Median Wage	Planning Area Projected Growth Rate	Planning Area Projected Openings	Education Requirements	On-the-job Training Requirements
399021	Personal Care Aides	1	★★★★★	\$22,230/yr	\$25,136/yr	-0.6%	700	None	None
311014	Nursing Assistants	2	★★★★★	\$30,984/yr	\$37,196/yr	7.7%	1,070	Postsecondary non-degree award	Short term on the job training
533032	Heavy and Tractor-Trailer Truck Drivers	3	★★★★★	\$47,991/yr	\$55,837/yr	5%	960	Bachelor's degree	None
291141	Registered Nurses	4	★★★★★	\$17,998/yr	\$19,090/yr	1.9%	1,430	Less than high school	Short term on the job training
353021	Combined Food Preparation and Serving Workers, Inc	5	★★★★★	\$21,038/yr	\$22,896/yr	20.5%	1,140	Less than high school	Short term on the job training
311011	Home Health Aides	6	★★★★★	\$18,428/yr	\$19,930/yr	5.6%	460	Less than high school	Moderate term on the job training
352014	Cooks, Restaurant	7	★★★★★	\$19,011/yr	\$21,830/yr	-2.7%	700	Less than high school	Short term on the job training
435081	Stock Clerks and Order Fillers	8	★★★★★	\$20,261/yr	\$24,723/yr	2.1%	760	Less than high school	Short term on the job training
372011	Janitors and Cleaners, Except Maids and Housekeepers	9	★★★★★	\$23,597/yr	\$28,922/yr	0.30%	680	Less than high school	Short term on the job training

Step 9: To see the entire dataset, click on "Export 3 through 5 star results" or "Export 1 through 5 star results" button.

Occupations In Demand

Export 3 thru 5 star results Export 1 thru 5 star results

To further refine these results use the filters below:
 Wage Range (median) All Wage Ranges
 Education Category All Education Categories
 Job Title Keyword Search

Step 9 →

EDR 9 - South Central Show only 3 thru 5 Star Occupations in Results

Results: 406

SOC Code	Job Title	Current Demand Rank	Current Demand Indicator	25th Percentile Wage	Median Wage	Planning Area Projected Growth Rate	Planning Area Projected Openings	Education Requirements	Training Requirement
399021	Personal Care Aides	1	★★★★★	\$22,230/yr	\$25,136/yr	-0.6%	700	None	None
311014	Nursing Assistants	2	★★★★★	\$30,984/yr	\$37,196/yr	7.7%	1,070	Postsecondary non-degree award	Short term on the job training
533032	Heavy and Tractor-Trailer Truck Drivers	3	★★★★★	\$47,991/yr	\$55,837/yr	5%	960	Bachelor's degree	None
291141	Registered Nurses	4	★★★★★	\$17,998/yr	\$19,090/yr	1.9%	1,430	Less than high school	Short term on the job training
353021	Combined Food Preparation and Serving Workers, Inc	5	★★★★★	\$21,038/yr	\$22,896/yr	20.5%	1,140	Less than high school	Short term on the job training
311011	Home Health Aides	6	★★★★★	\$18,428/yr	\$19,930/yr	5.6%	460	Less than high school	Moderate term on the job training
352014	Cooks, Restaurant	7	★★★★★	\$19,011/yr	\$21,830/yr	-2.7%	700	Less than high school	Short term on the job training
435081	Stock Clerks and Order Fillers	8	★★★★★	\$20,261/yr	\$24,723/yr	2.1%	760	Less than high school	Short term on the job training
372011	Janitors and Cleaners, Except Maids and Housekeepers	9	★★★★★	\$23,597/yr	\$28,922/yr	0.30%	680	Less than high school	Short term on the job training
353031	Walters and Waitresses	11	★★★★★	\$24,278/yr	\$33,533/yr	0.50%	210	High school diploma or equivalent	Short term on the job training
411011	First-Line Supervisors of Retail Sales Workers	12	★★★★★	\$29,965/yr	\$30,567/yr	0.90%	290	High school diploma or equivalent	Moderate term on the job training
412031	Retail Salespersons	13	★★★★★	\$18,379/yr	\$20,298/yr	-3.10%	1,750	Less than high school	Short term on the job training
412011	Cashiers	14	★★★★★	\$18,034/yr	\$19,248/yr	-1.70%	2,390	Less than high school	Short term on the job training
514121	Welders, Cutters, Solderers, and Brazers	15	★★★★★	\$32,070/yr	\$37,964/yr	15.60%	430	High school diploma or equivalent	Moderate term on the job training
513023	Slaughterers and Meat Packers	16	★★★★★	\$23,914/yr	\$28,389/yr	6.90%	770	Less than high school	Short term on the job training
292061	Licensed Practical and Licensed Vocational Nurses	17	★★★★★	\$36,337/yr	\$41,577/yr	1.70%	420	Postsecondary non-degree award	None
436014	Secretaries and Administrative Assistants, Except	18	★★★★★	\$30,294/yr	\$35,541/yr	-0.60%	250	High school diploma or equivalent	Short term on the job training
439061	Office Clerks, General	19	★★★★★	\$23,309/yr	\$30,173/yr	1.50%	980	High school diploma or equivalent	Short term on the job training
434051	Customer Service Representatives	20	★★★★★	\$26,335/yr	\$31,269/yr	2.40%	570	High school diploma or equivalent	Short term on the job training
533022	Bus Drivers, School or Special Client	21	★★★★★	\$24,580/yr	\$27,018/yr	-0.10%	160	High school diploma or equivalent	Short term on the job training
533033	Light Truck or Delivery Services Drivers	22	★★★★★	\$24,278/yr	\$33,533/yr	0.50%	210	High school diploma or equivalent	Short term on the job training
512092	Team Assemblers	23	★★★★★	\$29,965/yr	\$30,567/yr	0.90%	290	High school diploma or equivalent	Moderate term on the job training
251193	Social and Human Service Assistants	24	★★★★★	\$31,486/yr	\$40,679/yr	6.10%	430	High school diploma or equivalent	Short term on the job training
499071	Maintenance and Repair Workers, General	25	★★★★★	\$31,682/yr	\$38,534/yr	1.20%	450	High school diploma or equivalent	Long term on the job training
493023	Automotive Service Technicians and Mechanics	26	★★★★★	\$32,748/yr	\$37,407/yr	0.10%	340	Postsecondary non-degree award	Short term on the job training
435071	Shipping, Receiving, and Traffic Clerks	27	★★★★★	\$24,748/yr	\$32,052/yr	-5.10%	180	High school diploma or equivalent	Short term on the job training
537064	Packers and Packagers, Hand	28	★★★★★	\$18,622/yr	\$20,238/yr	-6.80%	220	Less than high school	Short term on the job training
414012	Sales Representatives, Wholesale and Manufacturing	29	★★★★★	\$39,244/yr	\$51,287/yr	1.40%	410	High school diploma or equivalent	Moderate term on the job training
511511	Computer User Support Specialists	30	★★★★★	\$34,144/yr	\$42,052/yr	1.40%	70	Some college, no degree	None
472152	Plumbers, Pipefitters, and Steamfitters	31	★★★★★	\$48,988/yr	\$56,983/yr	2.10%	70	High school diploma or equivalent	Apprenticeship

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