

Labor Market Information

- Labor Market Information is the foundation for informed, market-responsive planning and decision making
- Each state produces employment and economic statistics in cooperation with the U.S. Department of Labor's Bureau of Labor Statistics (BLS)
- LMI includes industry employment statistics, unemployment rates, wages and salaries, job projections and much, much more!
- mn.gov/deed/data/

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Minnesota
DEPARTMENT OF EMPLOYMENT AND ECONOMIC DEVELOPMENT

For JOB SEEKERS For BUSINESS For Local GOVERNMENT About Us Data A-Z Index

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MONTHLY UNEMPLOYMENT FIGURES

	April 2015	March 2015	April 2014
UNEMPLOYMENT RATES			
Minnesota			
Seasonally Adjusted	3.7%	3.8%	4.2%
Not Seasonally Adjusted	3.8%	4.5%	4.3%
U.S.			
Seasonally Adjusted	5.4%	5.5%	6.3%
Not Seasonally Adjusted	5.1%	5.6%	5.9%

Up Close on Unemployment

Minnesota's unemployment rate dropped one-tenth of a percentage point to a seasonally adjusted 3.7 percent in **April** after an upward revision to 3.8 percent in March.

For the fourth consecutive month, the labor force participation rate increased, up by two-tenths of a percentage point to 70.7 percent in April. The labor force rose to 3,030,064.

The national unemployment rate dropped one-tenth of a percentage point to 5.4 percent in April.

1 2 3 4 II

We've Got Your Number

Nothing tells a story like numbers. And here is where we let them do the talking. Our data and data tools provide a comprehensive, nuts-and-bolts look at Minnesota's economy and workforce.

Current Economic Highlights
The freshest available snapshot of Minnesota's economic performance on several job and employment fronts.

Data Tools
Dig deep into data on employment, unemployment, wages and occupations, regional and state comparisons and more.

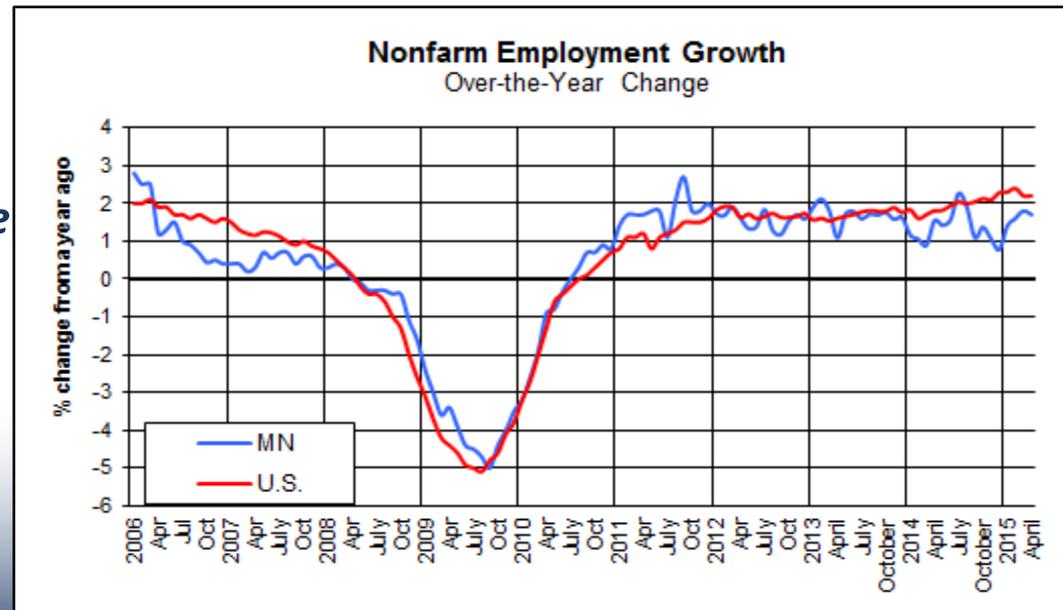
Export and Trade Statistics
Quarterly and annual reports and analysis of the state's top export markets and industries. Includes current and past years.

What is the state of the economy?



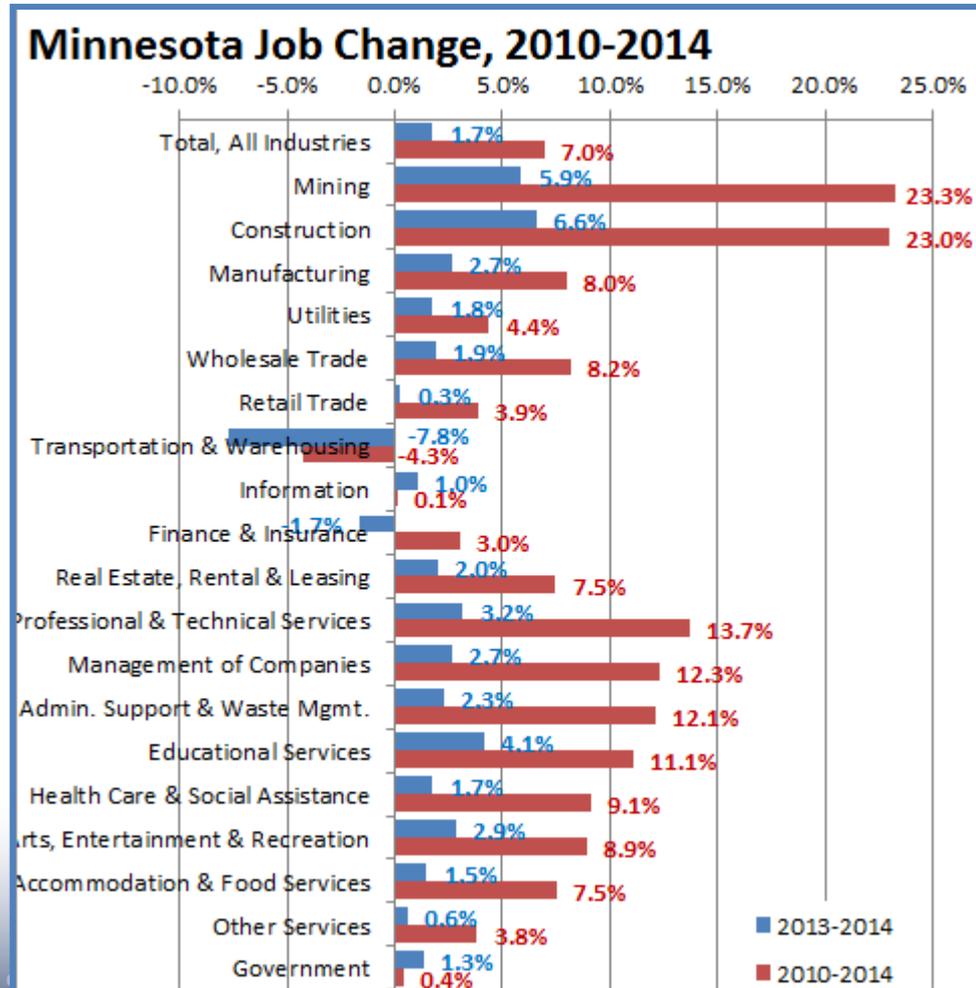
Industry Trends

- Minnesota added **+46,114 jobs (+1.7%)** in April 2015
 - U.S. employment grew **+2.2%** over-the-year in April
- Minnesota's private sector added **+48,944 jobs (+2.1%)** over the year
 - National private sector growth of **+2.6%**
- By sector, job growth was strongest in **Construction (+5.0%)**
- **Professional & Business Services (+3.5%)** and **Leisure & Hospitality (+3.0%)** also showed strong over-the-year job growth
- **Manufacturing grew +1.9%**
 - *This is the only industry in Minnesota with a positive growth rate higher than the nation's, which was +1.6%*
- **Logging & Mining, Information and Government** all had negative over-the-year rates of growth



Industry Trends

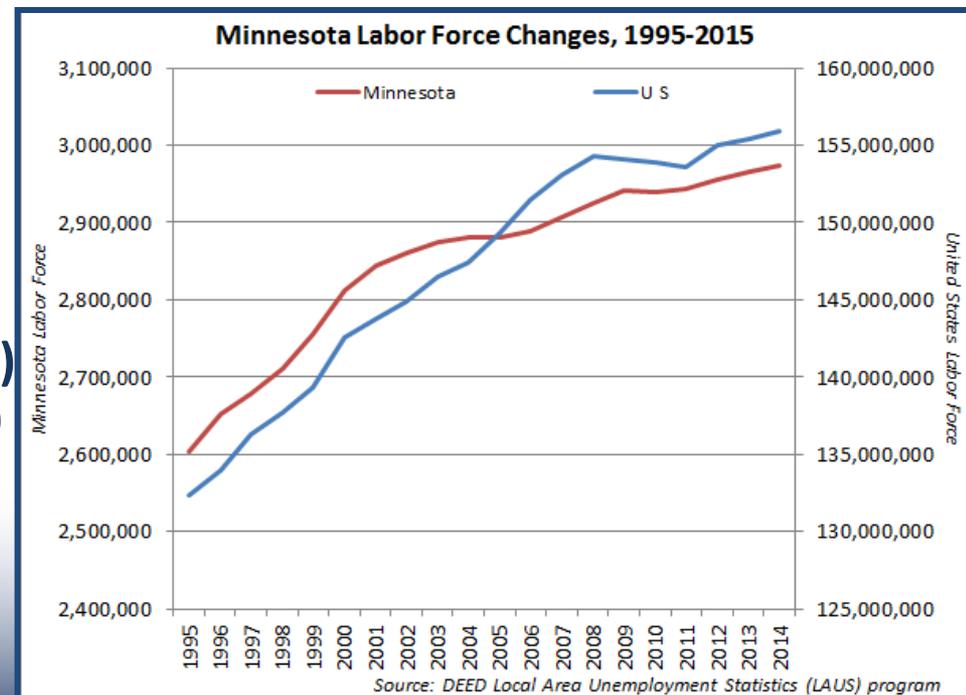
- Minnesota had **2,825,500 jobs** in 2014 (up **+7.0%** from 2010)
 - 17 of 19 sectors gained jobs in the last year
 - Manufacturing added the most new jobs (**+8,205 jobs**)
 - Followed by Health Care, Construction, Government, Professional & Technical Svcs.
 - 18 of 19 sectors gained jobs from 2010 to 2014
 - Health Care added the most new jobs (**+36,087 jobs**)
 - Followed by Manufacturing, Construction, Professional & Technical Svcs., Accom. & Food Svcs., Admin. Support, Retail and Wholesale Trade
 - Mining & Construction grew the fastest since 2010



Source: DEED Current Employment Statistics (CES) program

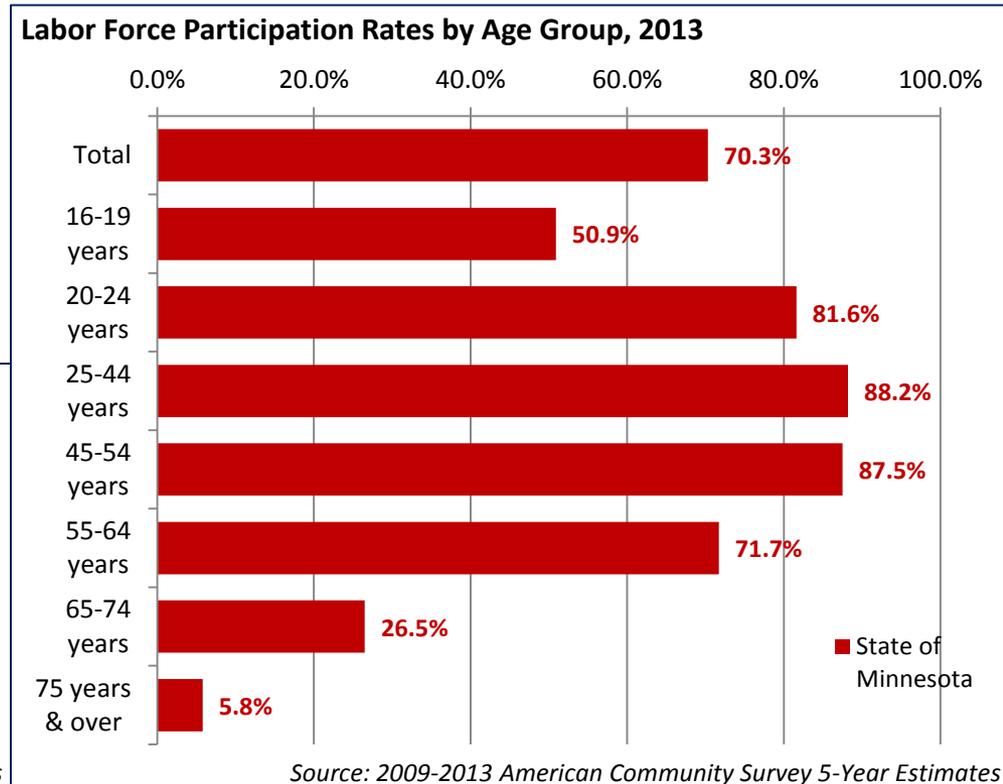
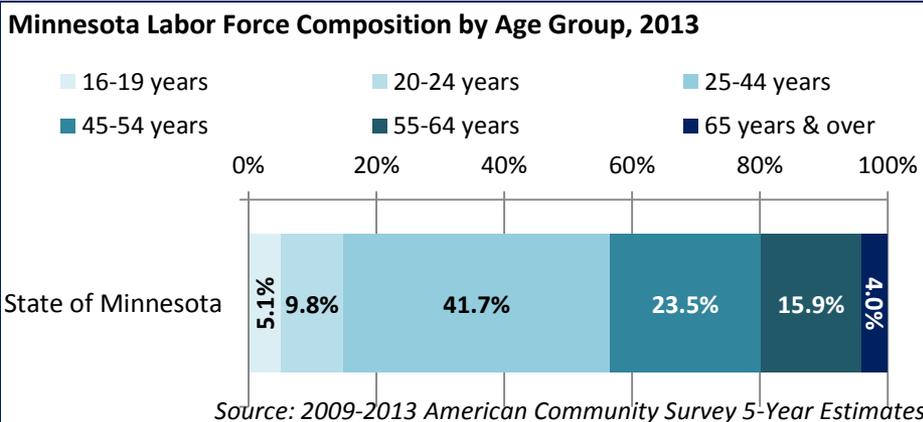
Labor Force Trends

- **Minnesota's labor force is still growing**
 - Minnesota has **3,014,775 workers** through April 2015
 - *Highest number ever recorded!*
 - Minnesota added almost **370,000 new workers** over the last 20 years
 - **+14.2%** increase from 1995 to 2014 (U.S. = **+17.9%**)
 - Minnesota's labor force grew faster than the U.S. labor force in 9 of the last 20 years (*4 of last 6 years*)
 - **Twin Cities added +177,500 workers (+12.1%)**
 - **55.1%** of total labor force
 - **Central = +95,000 (+33.3%)**
 - **12.8%** of labor force
 - but **25.7%** of growth
 - **Northwest = +43,350 (+17.1%)**
 - **Southeast = +37,600 (+15.7%)**
 - **Southwest = +9,939 (+4.8%)**
 - **Northeast = +6,604 (+4.2%)**



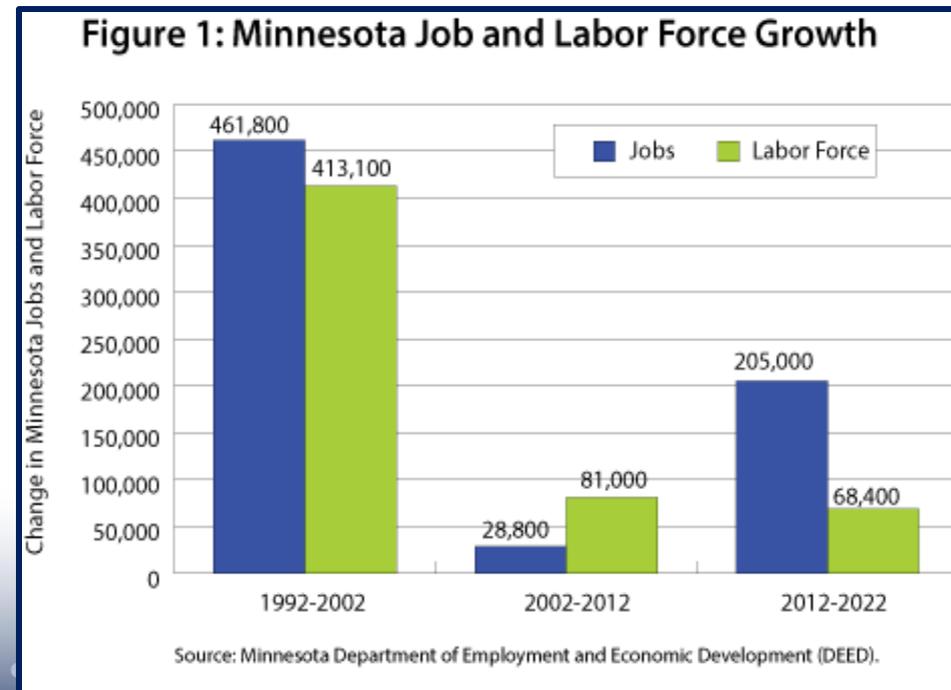
Labor Force Demographics

- **Minnesota has a middle-aged labor force**
 - **14.9%** of labor force is 16-24 years of age
 - **41.7%** of labor force is 25-44 years of age
 - **39.4%** of labor force is 45-64 years of age (Baby Boomers)
 - **4.0%** of workers are 65 years and over
- Labor force participation rates are high in Minnesota (3rd highest in the U.S.)
- Highest rates for people in the prime working years (25-54 years)
- *Dropping for teens, increasing for seniors*

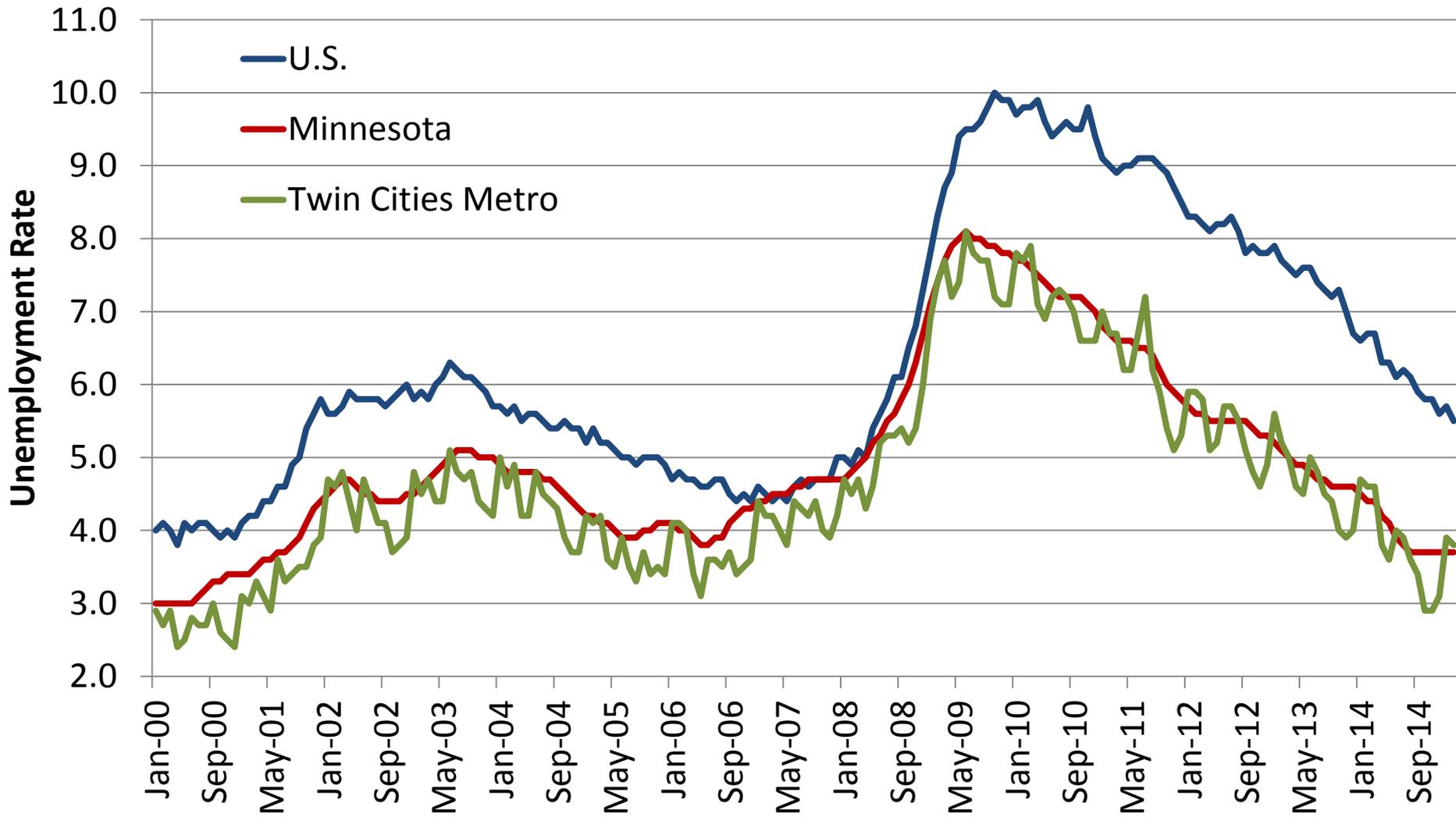


Labor Force Demographics

- Minnesota's labor force is projected to grow **+2.3%** and gain **+68,400 new workers** in the next decade
 - After enjoying strong growth from 1992-2002; Minnesota's economy and labor force struggled with the Great Recession from 2002-2012
 - Job growth should be much improved from 2012-2022; but will be constrained by the labor force
- Stagnant or shrinking labor forces in Greater Minnesota can be partially attributed to a weaker economic rebound than in the Twin Cities metro
- Retirement levels will be higher in Greater Minnesota due to older workers
- Minnesota's working age population is projected to peak out in the next decade, as is the working age population in the Central, Southeast and Twin Cities regions
- Working age population will peak in the next 5 years in the Northwest and Southwest
- The Northeast region will start experiencing a declining working age population soon



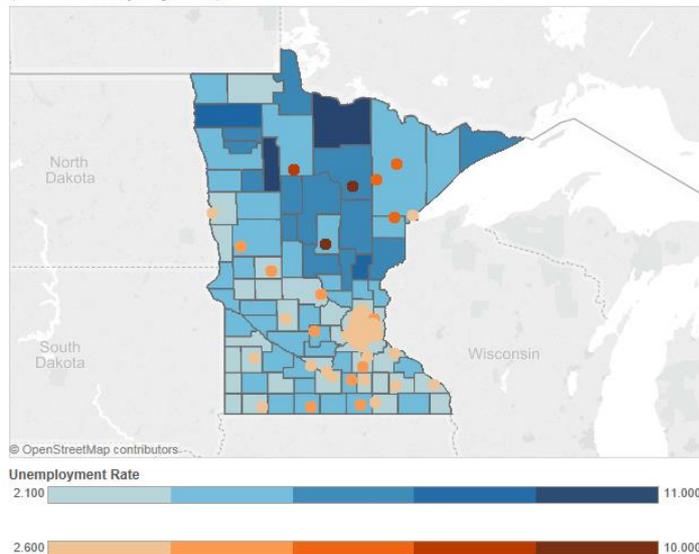
Unemployment rates



Unemployment Rates

- Minnesota's unemployment rate stayed at **3.7%** in April 2015
 - Fifth lowest state unemployment rate in the U.S.
 - Down to **4.1%** in 2014 from **5.0%** in 2013; *Peaked at 7.8% in 2009*
 - Lowest rates: Rock (**2.7%**), Stevens (**2.9%**), Clay (**3.1%**), Nicollet (**3.2%**), Wilkin (**3.2%**), Pipestone (**3.4%**), and Blue Earth (**3.5%**)
 - Highest rates in Clearwater (**11.2%**), Koochiching (**8.8%**), Kanabec (**8.6%**), and Mille Lacs (**7.4%**)
- *All 87 counties have lower rates now than in 2010*

County Unemployment Rates, April 2015
(Not seasonally adjusted)



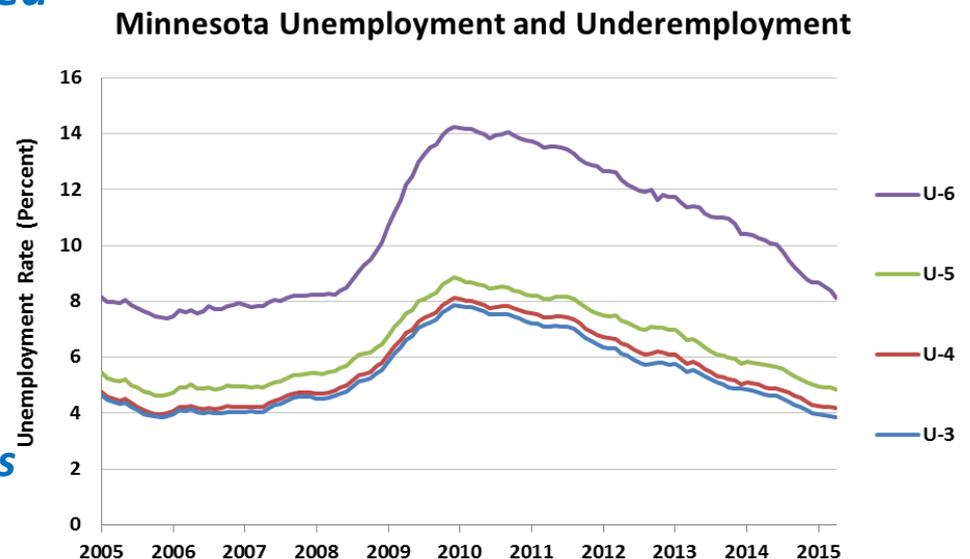
Source: DEED, Labor Market Information Office, Local Area Unemployment Statistics

Local Unemployment Statistics for 2014				
Area	Labor Force	Employed Workers	Unemp. Workers	Unemp. Rate
Central Minnesota	379,655	362,320	17,335	4.6%
Northeast Minnesota	163,225	154,380	8,845	5.4%
Northwest Minnesota	297,374	282,843	14,531	4.9%
Southeast Minnesota	276,798	266,364	10,434	3.8%
Southwest Minnesota	218,900	209,995	8,905	4.1%
Twin Cities Metro Area	1,638,153	1,576,576	61,577	3.8%
State of Minnesota	2,974,102	2,852,476	121,626	4.1%

Source: DEED Local Area Unemployment Statistics (LAUS) program

Alternative Measures of Unemployment

- Some groups are still struggling...
- Seasonally adjusted unemp. rate was **3.7%** in April 2015
 - Down from **4.2%** in April 2014
 - Black or African American = **12.9%** (up from **11.0%** in 2014)
 - Hispanic or Latino = **4.7%** (down from **8.4%**)
 - Teenagers (16-19) = **10.5%** (down from **13.8%**)
 - **28,100 Long-term unemployed**
- peaked at **75,100 people**
in Aug. 2011
 - Discouraged Workers (U4) = **16,100 workers**
 - Marginally Attached workers (U5) = **27,200 workers**
 - Part-time under-employed (U6) = **77,900 workers**

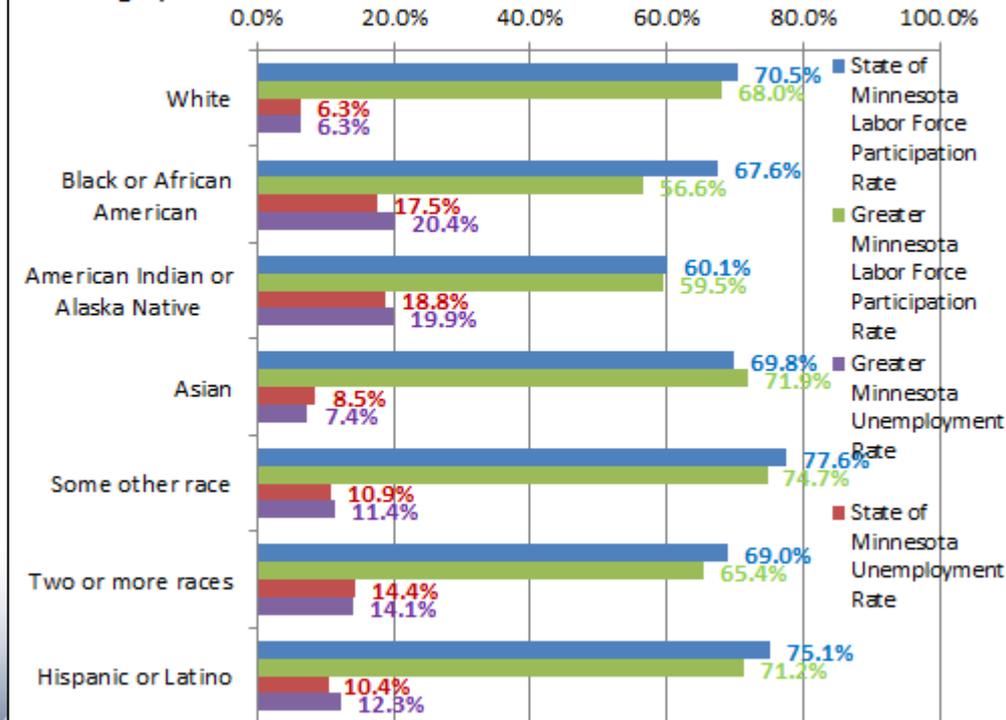


Source: Minnesota DEED, Labor Market Information, Current Population Survey

Labor Force Trends

- Greater Minnesota's workforce was both older *and* younger
 - 16.2% of workers are 16-24 years (state = 14.9%)
 - 21.4% of workers are 55 years & over (state = 19.9%)
- Greater Minnesota = 67.8%
- Labor force participation rates are highest for 25-54 year old workers
 - Much higher participation rates for teenagers
- Greater Minnesota has lower labor force part. rates for other races; and higher unemp. rates
 - Except for Asian residents

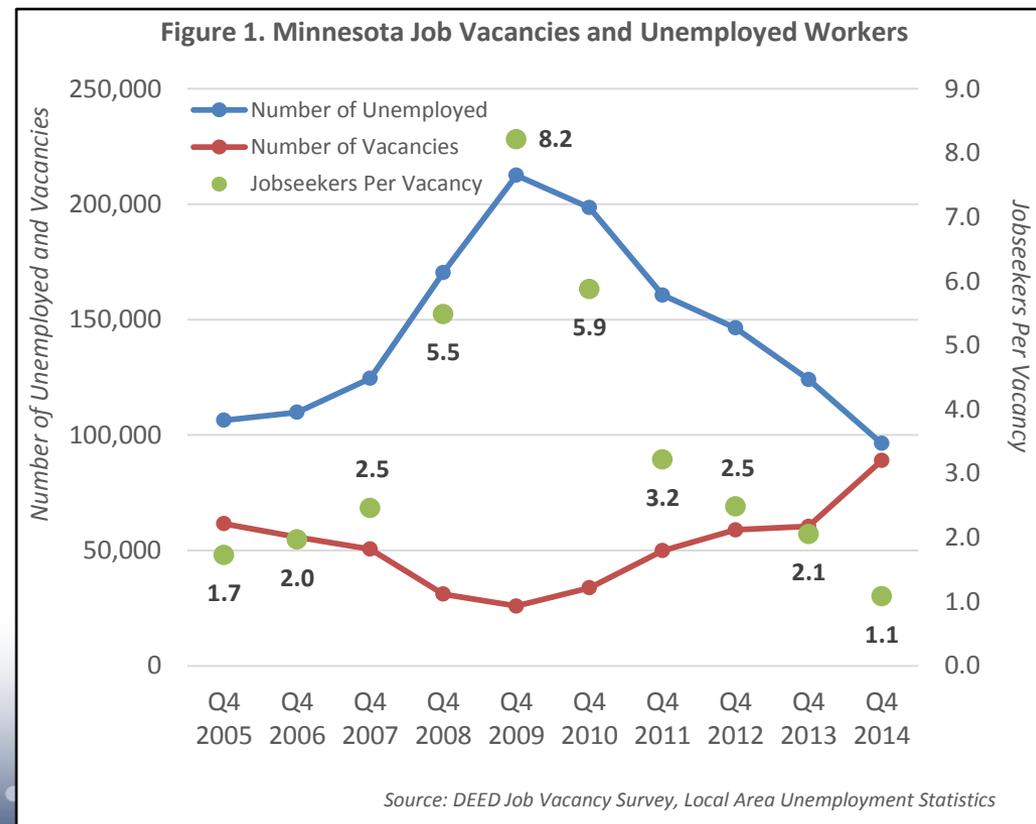
Labor Force Participation and Unemployment Rate by Race and Origin, 2013



Source: American Community Survey, 2009-2013

Labor Market Trends

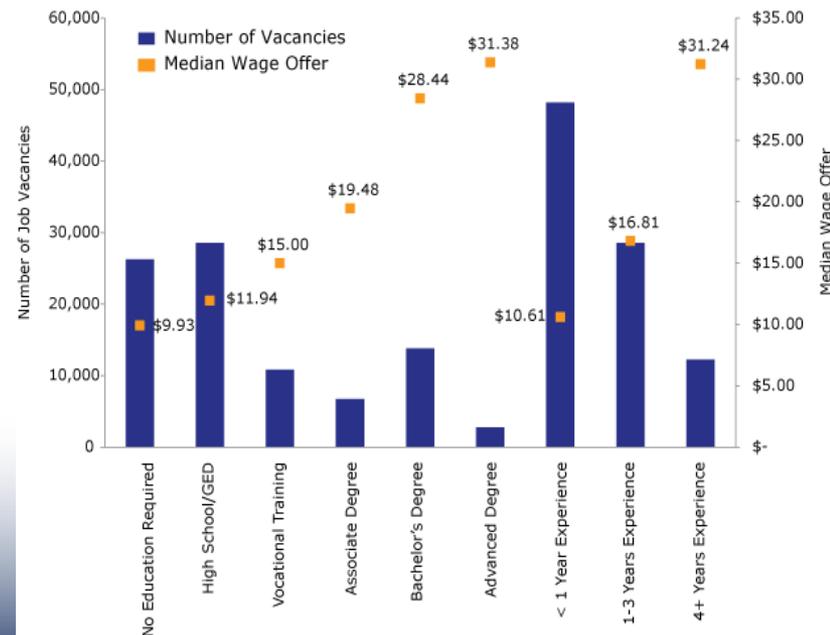
- Minnesota had **1.1 jobseekers per vacancy** in Q4 2014
 - Down from a high of **8.2 jobseekers per vacancy** in Q4 2009
 - **2.0** and **2.7** jobseekers per vacancy in Q4 2006 and Q4 2007
- Regionally, **49,300 (55.4%) job vacancies** were located in the Twin Cities metro area, while the remaining **39,600 vacancies** were in Greater Minnesota
- Compared to Q4 2013, job vacancies increased **48.6%** in the Twin Cities and **45.6%** in Greater MN



Job Vacancy Survey

- Highest number of job vacancies ever reported in the 4th quarter of 2014
 - Three times higher than pre-recession hiring levels
 - 40% are part-time (*pretty consistent over time*)
 - 39% require postsecondary education (*pretty consistent over time*)
 - 30% require no education; 32% require a HS diploma
 - 20% req. some college or assoc. degree
 - 19% req. a bachelor's degree or higher
 - 54% require less than 1 year of exp.
 - 32% require 1-3 years
 - 14% require 4 years or more
 - **\$13.29** median wage offer
 - 25th percentile = **\$10.00**
 - 75th percentile = **\$20.30**
 - 21% increase (+**\$2.29**) from Q4 2007 to Q4 2014
 - 52% offer health care insurance

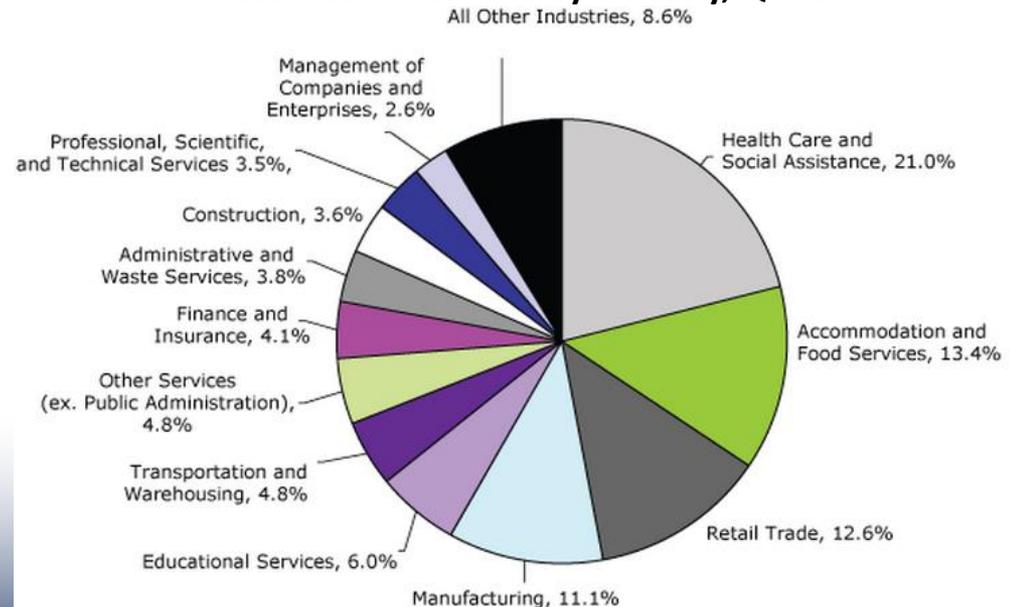
Education and Experience Required, With Median Wage Offer, 4th Quarter 2014



Job Vacancy Survey

- Health Care and Social Assistance (**18,691 vacancies**), Accommodation & Food Services (**11,943 vacancies**), Retail Trade (**11,218 vacancies**), and Manufacturing (**9,905 vacancies**) offered well over half (**58.2%**) of the jobs
 - Highest number of manufacturing vacancies ever reported in Minnesota
 - 3% are part-time; \$16.75 median wage offer
 - 46% require HS diploma or less
 - Third highest number of Health Care & Social Assistance openings ever
 - 50% are part-time; \$14.36 median wage offer
 - 57% require postsecondary education
 - Accommodation & Food Services doubled compared to last year
 - 69% are part-time; \$9.39 wage offer
 - 92% require HS diploma or less
 - Retail Trade also recovered
 - 67% are part-time; \$9.20 wage offer
 - Educational Services had **5,307 vacancies**
 - 57% are part-time; \$15.52 wage offer
 - 63% require postsecondary education
 - Transportation & Warehousing (**4,281**) – 2nd highest number ever
 - Doubled since Q4 2013

Minnesota Job Vacancies by Industry, Q4 2014



Skills Gaps? Or Hiring Difficulties?

- Skills gaps are caused by a mismatch between job requirements and the *training, skills, and experience of applicants (skills mismatches)*
- Hiring difficulties are caused by problems that are unrelated to candidates' qualifications, such as *unattractive work hours, uncompetitive wages, geographic location, and other demand-side factors*

- Separate report for manufacturing, healthcare, IT sectors



- www.mn.gov/deed/newscenter/publications/reports/hiring-difficulties/index.jsp

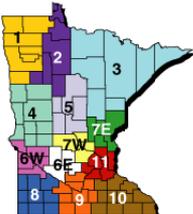
Occupations in Demand (OID)

- Occupations in Demand (OID) are currently available career opportunities in a region as determined by regularly updated local labor market data
- The OID list for a region is the group of occupations that rank highest on a Current Demand Indicator which measures local short-term demand conditions
 - Job Vacancy Survey
 - Occ. Emp. & Wage Statistics
 - Unemp. Insurance Claims
- Available for all Economic Development Regions
 - Updated through 2014

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OID (OCCUPATIONS IN DEMAND)
Welcome to the Minnesota Occupations in Demand (OID) homepage. The OID Data Tool allows you to select, view and download high-demand occupation data. 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. 2014 [Minnesota Salary Survey](#)
- Projected Employment Data from the 2012-2022 [Minnesota Employment Projections Program](#)

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Occupations in Demand (OID)

- **Current Demand Rank is a relative ranking among jobs**
 - Top ranked jobs are the best, but there are **534 jobs** with demand data...
- **Current Demand Indicator equals quintiles of demand**
 - **5 stars** is highest; **1 star** is lowest
- **25th %, Median Annual Wage**
 - Specific to the Region selected
- **Planning Region growth rates**
 - Below, Average, Above
- **Education & Training**
 - Bureau of Labor Statistics
- **Get Filtered Results**

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OID (OCCUPATIONS IN DEMAND)

OID Home | Change Area | Glossary | Export 3 thru 5 star results | Export 1 thru 5 star results

This is a ranking of occupations currently in demand in the selected region. Measures of long-term demand (Growth Rate and Total Openings) are included to provide a broader picture of demand. Long-term and current demand may not always coincide due to the fast pace at which market conditions can change.

To further refine these results use the filters below:

Wage Range (median)
 Education Category
 Job Title Keyword Search

Click the underlined Education Requirements for information about training for that job.

EDR 3 - Arrowhead Results: 412

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
291141	Registered Nurses	1	★★★★★	\$54,557/yr	\$65,127/yr	NA	1,400	Associate's degree	None
412031	Retail Salespersons	2	★★★★★	\$18,575/yr	\$21,143/yr	Above Average	1,670	Less than high school	Short term on the job training
211093	Social and Human Service Assistants	3	★★★★★	\$23,575/yr	\$30,158/yr	Well Above Average	820	High school diploma or equivalent	Short term on the job training
353021	Combined Food Preparation and Serving Workers, Inc	4	★★★★★	\$16,900/yr	\$18,109/yr	Average	1,440	Less than high school	Short term on the job training
412011	Cashiers	5	★★★★★	\$17,810/yr	\$19,384/yr	Below Average	1,740	Less than high school	Short term on the job training
311014	Nursing Assistants	6	★★★★★	\$22,909/yr	\$26,610/yr	NA	740	Postsecondary non-degree award	None
311011	Home Health Aides	7	★★★★★	\$20,616/yr	\$22,755/yr	Well Above Average	1,300	Less than high school	Short term on the job training

Filtered Occupations in Demand

- Sort the list by education requirements
 - Sort the list by projected growth rate
 - Sort the list by total number of openings
 - *Sort the list by net new jobs created; or by replacement openings*
 - Sort the list by educational requirements
 - *On-the-job training; work experience; postsecondary training; associate's degrees; bachelor's or higher degrees*
 - Sort the list by wage levels
 - *Any combination of those categories is also helpful...*
- For example, jobseekers might find value in knowing the fastest growing jobs requiring short-term on-the-job training paying at least \$25,000 per year...

To further refine these results use the filters below:

Wage Range (median)
 Education Category
 Job Title Keyword Search

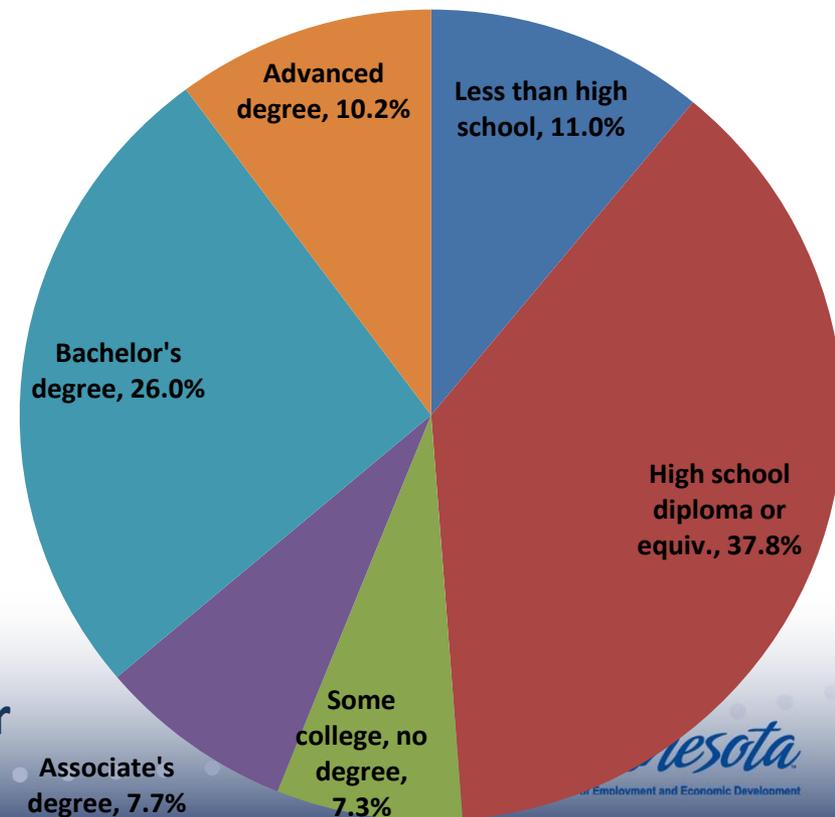
Click the underlined Education Requirements for information about training for that job.

EDR 3 - Arrowhead Results: 45

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
412031	Retail Salespersons	2	*****	\$18,575/yr	\$21,143/yr	Above Average	1,670	Less than high school	Short term on the job training
353021	Combined Food Preparation and Serving Workers, Inc	4	*****	\$16,900/yr	\$18,109/yr	Average	1,440	Less than high school	Short term on the job training
412011	Cashiers	5	*****	\$17,810/yr	\$19,384/yr	Below Average	1,740	Less than high school	Short term on the job training
311011	Home Health Aides	7	*****	\$20,616/yr	\$22,755/yr	Well Above Average	1,300	Less than high school	Short term on the job training
399021	Personal Care Aides	8	*****	\$20,488/yr	\$22,166/yr	Well Above Average	920	Less than high school	Short term on the job training
537062	Laborers and Freight, Stock and Material Movers	9	*****	\$18,574/yr	\$22,728/yr	Above Average	350	Less than high school	Short term on the job training
435081	Stock Clerks and Order Fillers	14	*****	\$18,379/yr	\$21,715/yr	Well Below Average	550	Less than high school	Short term on the job training
372011	Janitors and Cleaners, Except Maids and Housekeep	16	*****	\$18,844/yr	\$24,214/yr	Average	590	Less than high school	Short term on the job training

Northeast Occupations in Demand

- 246 occupations in relatively high demand
 - 120 require a high school diploma or less
 - 37 require some college, postsecondary vocational award, or associate's degree
 - 64 require a bachelor's degree
 - 25 require an advanced degree
- 38 are healthcare practitioners
 - 25 office & admin. support occs.
 - 24 are production occupations
 - 18 are business & finance
 - 18 are management
 - 14 are architecture & engineering
 - 12 are computer & mathematical
 - 11 are health care support
 - 10 are installation, maint. & repair



Jobs in Demand by Educational Level

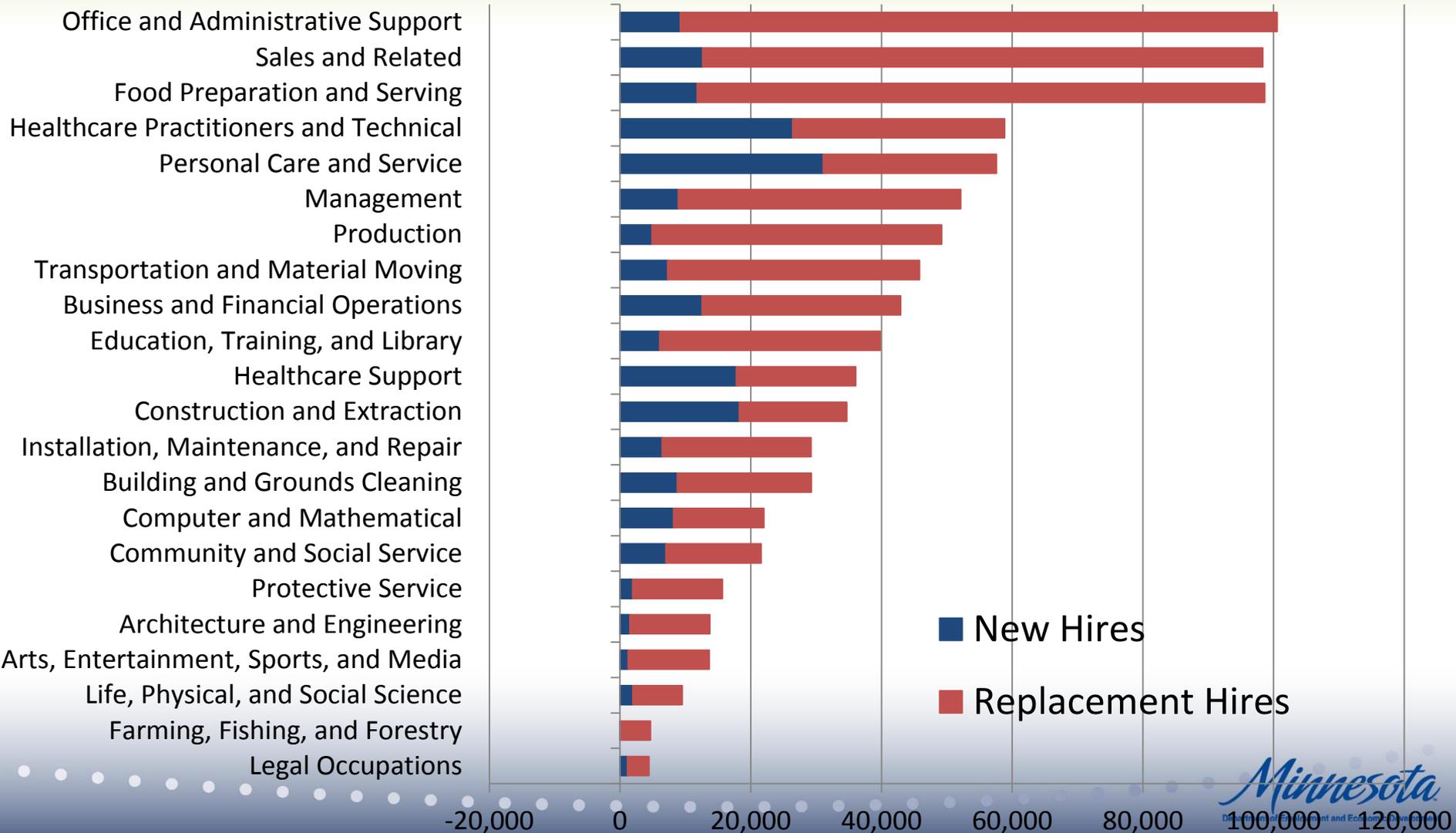
High School Diploma or Less	Postsecondary Award & Associate's Degree	Bachelor's Degree or Higher
Retail Salespersons \$21,143	Registered Nurses \$65,127	Mechanical Engineers \$71,248
Combined Food Prep & Serving Workers \$18,109	Nursing Assistants \$26,610	Network & Computer Systems Admins. \$64,674
Social & Human Service Assistants \$23,575	Heavy & Tractor Trailer Truck Drivers \$38,115	Accountants & Auditors \$57,362
Cashiers \$19,384	Computer User Support Specialists \$43,026	Financial Managers \$96,113
Home Health Aides \$22,755	Heavy & Tractor Trailer Truck Drivers \$38,115	Secondary School Teachers \$54,299
Personal Care Aides \$22,166	Hairdressers, Stylists & Cosmetologists \$21,753	Marketing Managers \$77,673
Laborers & Freight, Stock & Mat'l Movers \$22,728	Licensed Practical Nurses \$39,186	Social & Community Service Managers \$58,678
Customer Service Representatives \$30,584	Computer Network Support Specialists \$50,932	Nurse Practitioners \$104,383
Office Clerks, General \$28,971	Civil Engineering Technicians \$55,595	Mental Health Counselors \$40,947

Source: DEED Occupations in Demand (OID) tool

Employment Outlook

- Projections show a more balanced outlook through 2022
 - Job growth over the next decade will average **+0.7%** a year, a slower pace than previous projections
 - *National projections at **+1.0%** a year*
- Minnesota's economy is expected to grow by **+7.0%**, or **+204,999 new jobs**, between 2012 and 2022
 - Over **+673,500 new workers** will be needed to take jobs left vacant through retirements and replacements
- Employment changes depend on the demand for goods and services, productivity advances, technological innovations, and shifts in business practices
 - Demographic changes drive demand for healthcare & related services
 - Labor force growth will slow below **+0.5%** annually (baby-boomers leaving)

Occupational Projections, 2012-2022



Employment Outlook

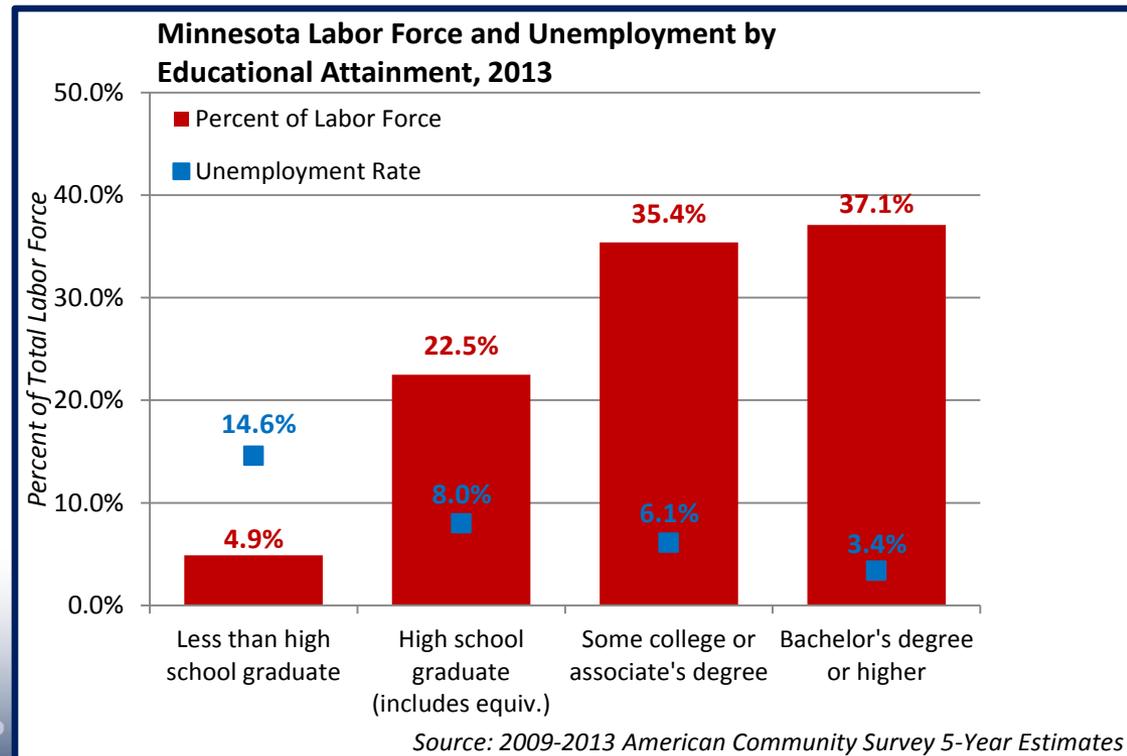
- According to DEED's 2012-2022 Employment Projections data, about **34%** of jobs required postsecondary education
 - The largest number of jobs added will require a high school diploma or less, but the fastest growing jobs will require some postsecondary education, led by those requiring associate's degrees

Minnesota Employment Outlook by Educational Requirements, 2012-2022						
	Estimated Jobs, 2012	Projected Jobs, 2022	Percent Change, 2012-2022	Numeric Change, 2012-2022	Replacement Openings, 2012-2022	Total Openings, 2012-2022
Less than high school	752,518	818,378	8.8%	65,860	223,195	294,041
High school diploma or equiv.	1,170,664	1,229,550	5.0%	58,886	245,894	320,110
Some college, postsec. award	219,318	237,393	8.2%	18,075	44,006	62,504
Associate degree	121,871	137,329	12.7%	15,458	24,714	40,986
Bachelor's degree	540,870	576,677	6.6%	35,807	112,897	150,240
Graduate degree	110,160	121,073	9.9%	10,913	22,810	33,732
Total, All Occupations	2,915,401	3,120,400	7.0%	204,999	673,516	901,613

Source: DEED 2012-2022 Employment Outlook

Labor Force Educational Attainment

- **Minnesota has a well-educated labor force**
 - **95%** of the labor force has at least a H.S. diploma
 - **Three-fourths (72.5%)** of workers have at least some college experience
 - A very high percentage have Bachelor's degrees or higher (**37.1%**)
- **Unemployment rates are significantly higher for workers with lower educational attainment**
- *Less than H.S. = 14.6%*
- *H.S. diploma = 8.0%*
- *Some college or associate's degree = 6.1%*
- *Bachelor's degree or higher = 3.4%*



Graduate Employment Outcomes tool

- <https://apps.deed.state.mn.us/lmi/etd/Results.aspx>
- Go to: <http://www.mn.gov/deed/data/data-tools/>
- Click on: Graduate Employment Outcomes
- Click on: Data Tool

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GRADUATE EMPLOYMENT OUTCOMES IN MINNESOTA

Graduation Year:

School Location:

Award Type: Certificates (less than Bachelor's Degrees) Associate Degree Bachelor's Degree Graduate (Certificates and Degrees)

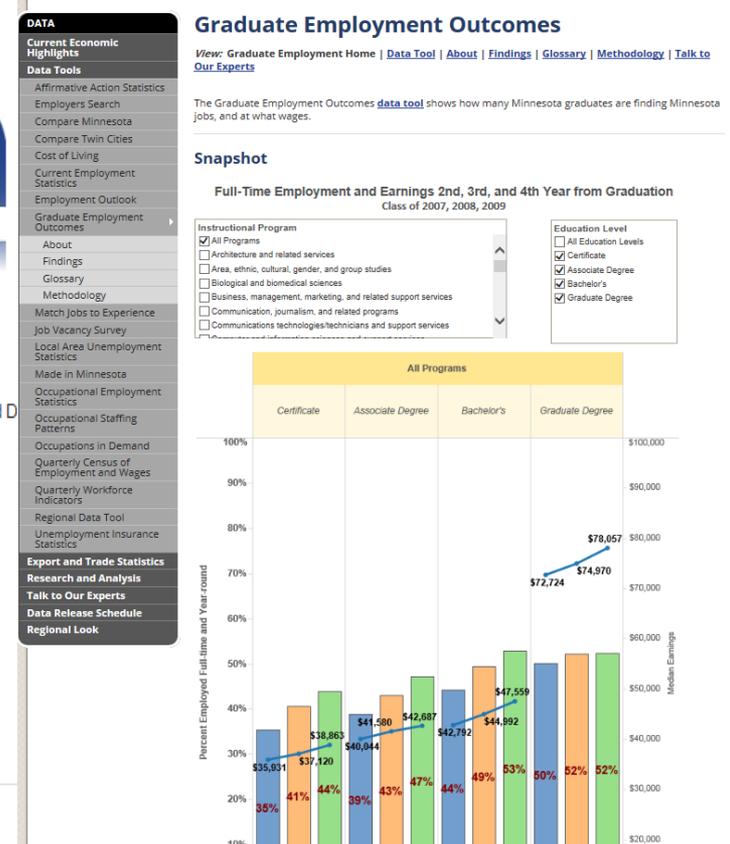
Institution Type:

Instructional Program:
(Multiple selections: Ctrl+Click)

- All Programs, Subtotals
- Agriculture, agriculture operations, and related sciences
- Architecture and related services
- Area, ethnic, cultural, gender, and group studies
- Biological and biomedical sciences

OR Program Keyword Search:

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Who will use the tool?

- **Prospective students**, to set realistic expectations for employment and wages following graduation
- **Parents and career counselors**, to help prospective students plan their education
- **Education program planners** interested in aligning program offerings to market demand
- **Policy makers** interested in evaluating the state's returns on investments in higher education

Key aspects of employment

- **Wages:** What hourly pay can a graduate expect 1, 2 or 4 years after graduation?
- **Wage growth trends:** How fast did wages grow over time?
- **Industries of employment:** What types of businesses employed recent graduates?
- **Employment prospects:** What share of graduates found jobs in the state? How many are continuing their education?
- **Full-time year-round employment:** What share of graduates were employed full-time, year-round during the 2nd, 3rd or 4th year after graduation? What were their wages?

Major Matters

Figure 4: Majors with the highest median wages during the second year after graduation by degree level, class of 2011

UNDERGRADUATE CERTIFICATES

Heavy/Industrial Equipment Maintenance Technologies	\$49,320
Plumbing and Related Water Supply Services	\$41,229
Electromech. Instr. & Maint. Technologies/Technicians	\$36,697
Building Maintenance and Inspection	\$36,218
Surgical Technologist/ EMT paramedic	\$35,716

ASSOCIATE DEGREE

RN, Nursing Administration, and Clinical Nursing	\$45,790
Electromech. Instr. & Maint. Technologies/Technicians	\$44,196
Precision Metal Working	\$40,669
Industrial Production Technologies/Technicians	\$40,347
Electrical Engineering Technologies/Technicians	\$38,636

BACHELOR'S DEGREE

Electrical, Electronics and Communications Engineering	\$57,722
Business/Commerce, General	\$57,227
RN, Nursing Administration, and Clinical Nursing	\$56,952
Chemical Engineering	\$56,900
Mechanical Engineering	\$55,384

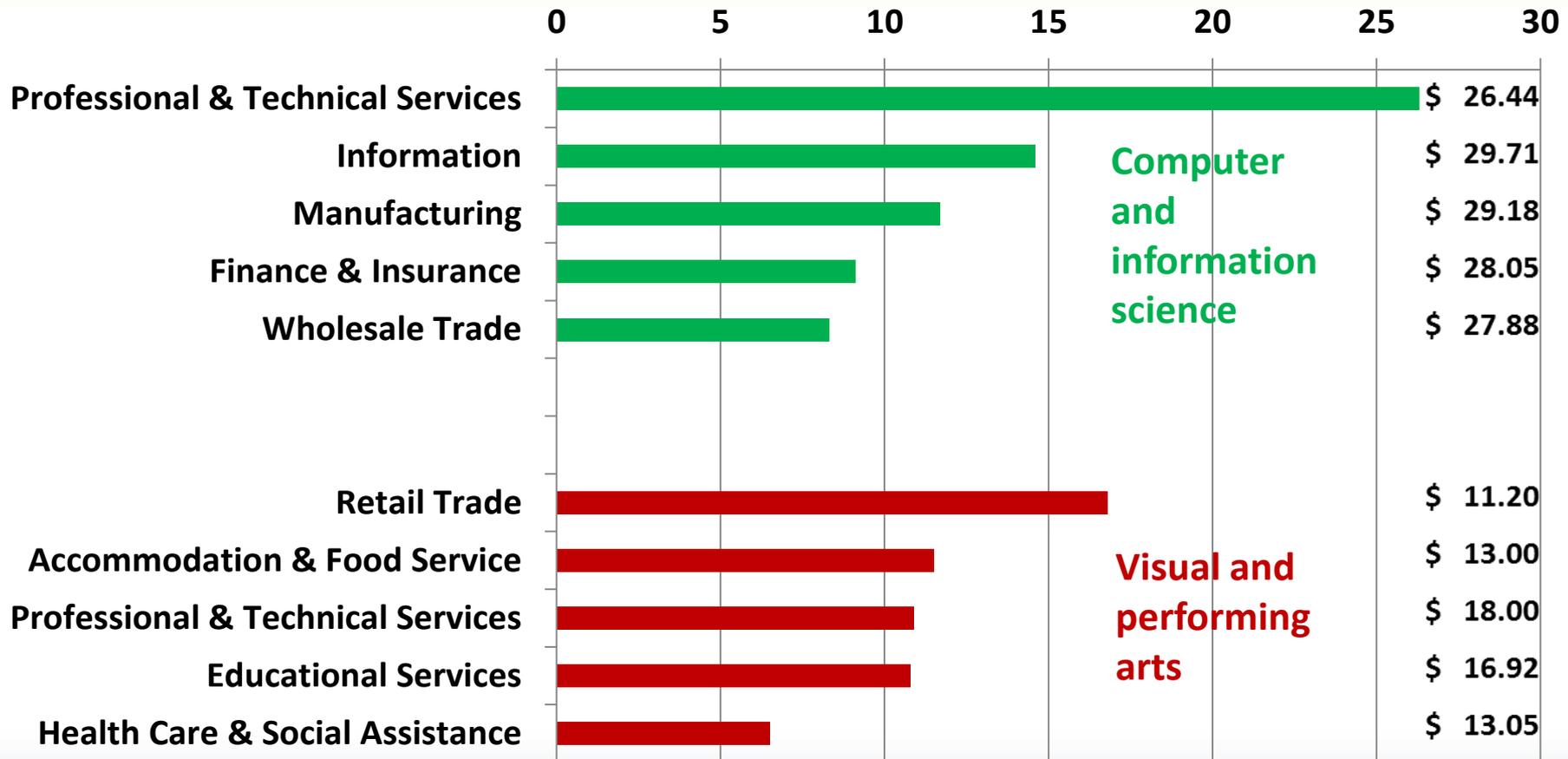
POST-BACCALAUREATE DEGREES AND CERTIFICATES

Pharmacy, Pharmaceutical Sciences, and Administration	\$101,741
Engineering-Related Fields	\$82,057
RN, Nursing Administration, Research, and Clinical Nursing	\$79,254
Computer Science	\$77,565
Applied Mathematics	\$76,607

A GEO analysis...

	Instructional Program Bachelors Degree Award	Number of Bachelor Degree Graduates	Annual Median Earnings of All Employed Graduates in 2 nd year after graduation	Percent working full- time and year-round in 2nd Year	Median Earnings of Full-time Employed in 2nd Year
Well Aligned	Engineering	1,217	\$55,489	69%	\$59,124
	Construction trades	25	\$53,675	76%	\$55,472
	Computer and information science	647	\$51,990	68%	\$56,277
	Health profession	2,577	\$50,021	40%	\$59,646
	Engineering technologies	165	\$47,688	68%	\$51,960
	Business, management, and marketing	6,272	\$38,667	64%	\$45,289
Poorly Aligned	Visual and performing arts	1,562	\$17,833	29%	\$31,039
	Transportation and materials moving	51	\$17,731	35%	\$26,447
	Communications technologies/technician	21	\$17,629	N/A*	N/A*
	Area, ethnic, cultural, gender, and group studies	168	\$17,540	28%	\$30,300
	History	443	\$16,513	29%	\$34,154
	Theology and religious vocations	337	\$15,741	30%	\$33,185

A step further...



- Comparison of any other pair of majors from previous chart would reveal the same discrepancies in employment outcome

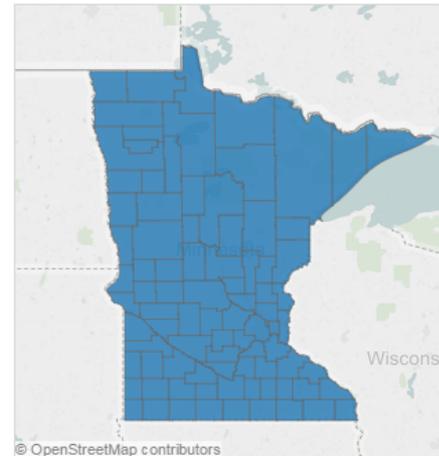
Cost of Living Calculator

- Basic needs budget for individuals and families living in Minnesota
 - Full-time worker: 2,080 hours
- The majority of households – 65% - are family households
 - 79% of family households have two parents, and the average number of hours worked/week is 33.9
 - **\$50,988 for 2015 (\$16.34)**
- Can be broken down by child care, food, healthcare, housing, transportation, other necessities, and taxes

Cost of Living in Minnesota

View: [Cost of Living Home](#) | [About](#) | [Methodology](#) | [Download Spreadsheet](#) | [Talk to Our Experts](#)

The Cost of Living Tool below provides a yearly estimate of the basic-needs cost of living in Minnesota by county, region, and statewide.



Region type:

State

I am:

- Single
- Partnered - 1 full-time worker
- Partnered - 1 full-time, 1 part-time worker
- Partnered - 2 full-time workers

How many children?

1

Average family size in Minnesota:
3 persons

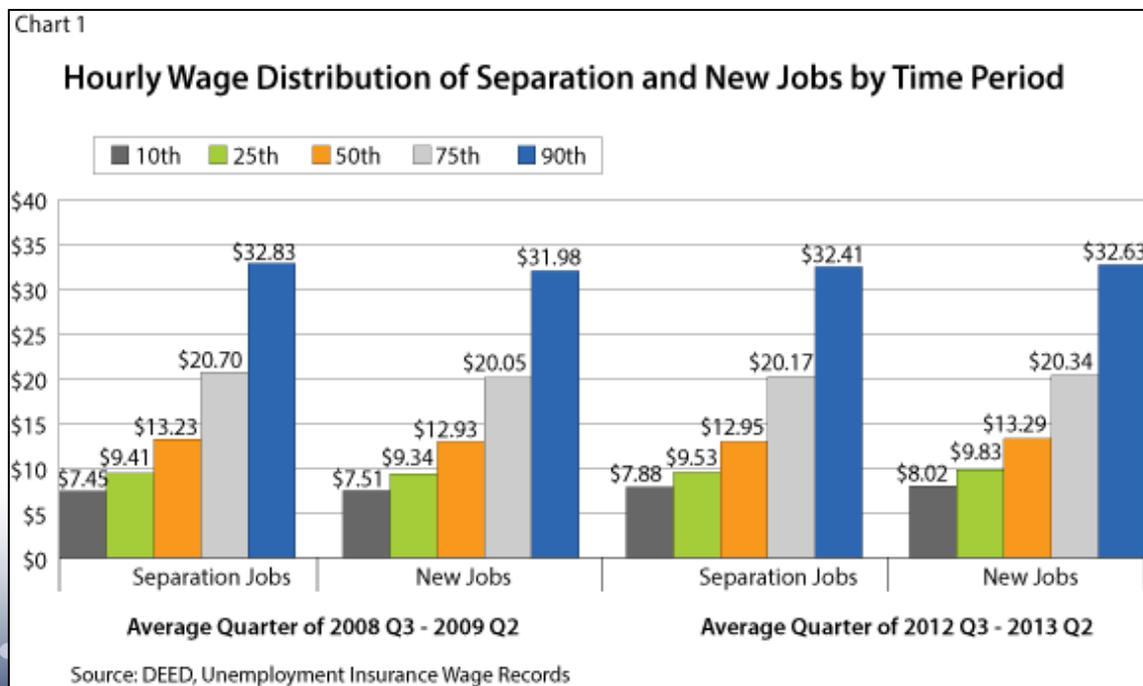
Family Yearly Cost, Worker Hourly Wage, and Family Monthly Costs

Cost of Living, Minnesota DEED, Labor Market Information, 2015

	Yearly Cost	Hourly Wage	Child Care	Food	Health Care	Housing	Transport	Other	Taxes
*	\$50,988	\$16.34	443	772	405	907	1,039	235	448

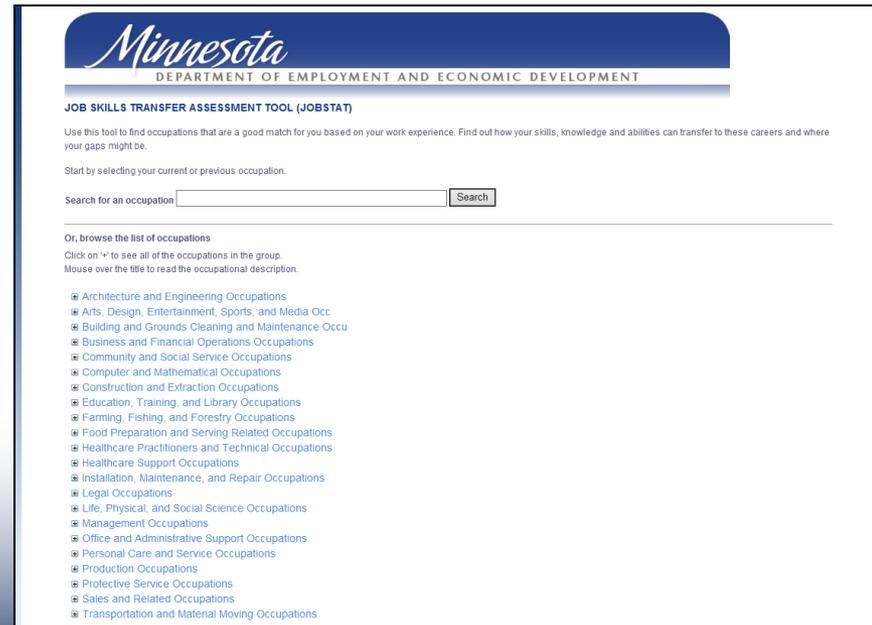
Improving Job Mobility

- Fewer people are suffering job separations, more workers are finding new jobs, and less workers are left without a job long-term
 - During the recession, an average worker who lost a job found a lower-paying job
 - During the recovery, wages for new jobs were higher than wages for separation jobs
 - Workers in higher-paying jobs were more likely to take pay cuts during the recession
 - The recovery is lifting most workers regardless of job type



Job Skills Transfer Assessment Tool

- <http://mn.gov/deed/jobstat>
- “Match Jobs to Experience”
- Help job seekers explore occupations that are a good match with their previous work experience
- JobSTAT identifies where gaps exist, offers a career profile, training programs, and provides links to current job postings on MinnesotaWorks.net



The screenshot shows the Minnesota Department of Employment and Economic Development's Job Skills Transfer Assessment Tool (JOBSTAT) interface. The header features the Minnesota state logo and the department name. Below the header, the title "JOB SKILLS TRANSFER ASSESSMENT TOOL (JOBSTAT)" is displayed. A brief description states: "Use this tool to find occupations that are a good match for you based on your work experience. Find out how your skills, knowledge and abilities can transfer to these careers and where your gaps might be." The main section prompts the user to "Start by selecting your current or previous occupation." and provides a search box with a "Search" button. Below the search box, there is a section titled "Or, browse the list of occupations" with instructions: "Click on '+' to see all of the occupations in the group. Mouse over the title to read the occupational description." A list of 20 occupation categories is shown, each preceded by a plus sign icon. The categories are: Architecture and Engineering Occupations; Arts, Design, Entertainment, Sports, and Media Occ; Building and Grounds Cleaning and Maintenance Occu; Business and Financial Operations Occupations; Community and Social Service Occupations; Computer and Mathematical Occupations; Construction and Extraction Occupations; Education, Training, and Library Occupations; Farming, Fishing, and Forestry Occupations; Food Preparation and Serving Related Occupations; Healthcare Practitioners and Technical Occupations; Healthcare Support Occupations; Installation, Maintenance, and Repair Occupations; Legal Occupations; Life, Physical, and Social Science Occupations; Management Occupations; Office and Administrative Support Occupations; Personal Care and Service Occupations; Production Occupations; Protective Service Occupations; Sales and Related Occupations; and Transportation and Material Moving Occupations.

Job Skills Transfer Assessment Tool (JobSTAT)

- <https://apps.deed.state.mn.us/lmi/ota/OccupationSelectA.aspx>
- Go to: <http://www.mn.gov/deed/data/data-tools/>
- Click on: Match Jobs to Experience (JobSTAT)
- Click on: Data Tool
- Type in: Accountant
- Click on: Search
- Select: Accountants
- Select: Change region
- Type in: 55801, click “Continue”
- Click on: Skills Gap
 - Click on: Areas where you...
- Click on: Career Profile (OES)
- Click on: Jobs (MinnesotaWorks)
- Click on: Training (OiD list)
- Click on: Add occupation

Minnesota
DEPARTMENT OF EMPLOYMENT AND ECONOMIC DEVELOPMENT

RESULTS: MATCHING JOBS

These results show the occupations that most closely match Accountants. From this page you may view a description of the occupation, see the gaps between your knowledge, skills, and abilities and the occupation, and get a list of the jobs currently open for that occupation.

Click a column title to sort information in that column.

Occupation(s): Accountants
 Region: EDR 6E- Southwest Central

[< Back](#) [Start over](#)

	You have selected	Green	Level of Demand	Wage
	Accountants See: Skills Gap Career Profile Jobs Training		★★★★★	\$56,820
Your Skills Match	Comparable Occupation	Green	Level of Demand	Wage
94% ██████████	Budget Analysts See: Skills Gap Career Profile Jobs Training			N/A
90% ██████████	Tax Preparers See: Skills Gap Career Profile Jobs Training			N/A
90% ██████████	Tax Examiners and Collectors, and Revenue Agents See: Skills Gap Career Profile Jobs Training			N/A
90% ██████████	Financial Analysts See: Skills Gap Career Profile Jobs Training			N/A
90% ██████████	Bookkeeping, Accounting, and Auditing Clerks See: Skills Gap Career Profile Jobs Training		★★	\$34,140
90% ██████████	Credit Analysts See: Skills Gap Career Profile Jobs Training		★★★	\$102,897

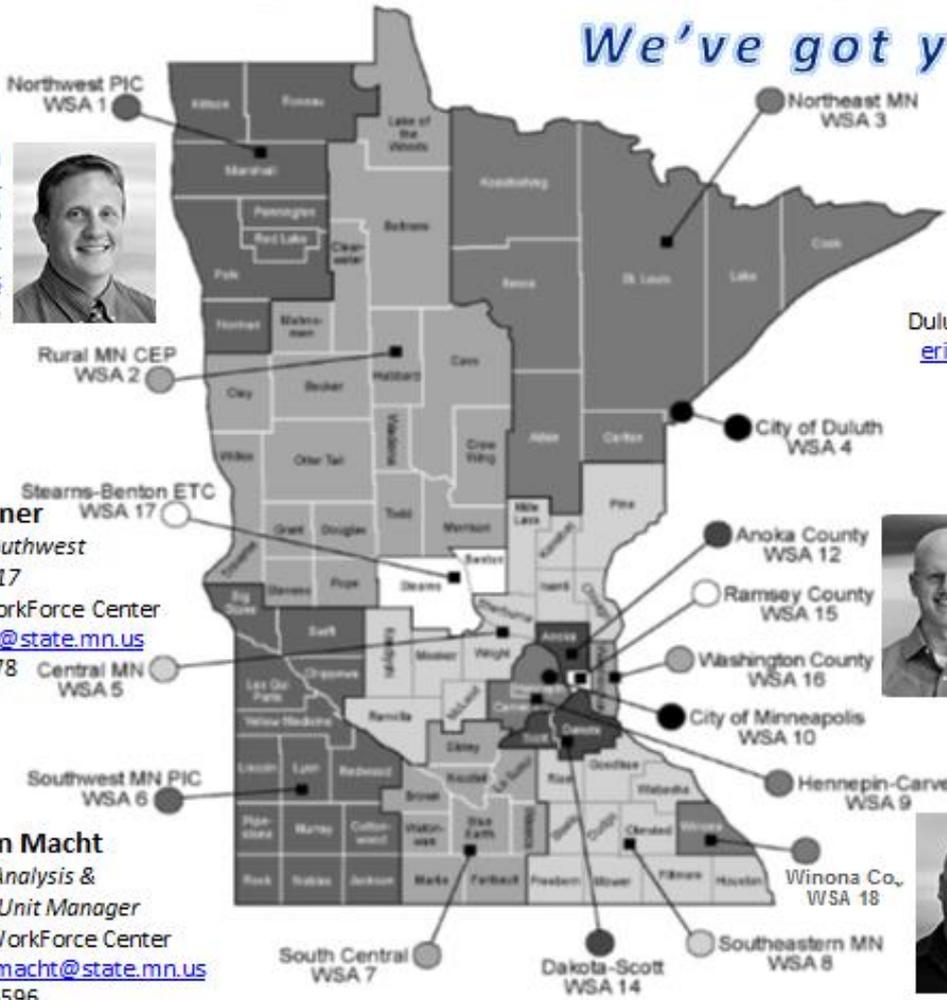
Career Profile Tool

- <https://apps.deed.state.mn.us/lmi/cpt/Search>
- Overview
- Wages
 - Cost of Living
- Demand
- Education
- On the Job

The screenshot shows a web browser window displaying the Minnesota Career Profile Tool. The browser's address bar shows the URL <https://apps.deed.state.mn.us/lmi/cpt/OnTheJob>. The page header features the Minnesota Department of Employment and Economic Development logo and a search bar labeled "Occupation Quick Search" with a "GO" button. Below the header, there are navigation tabs for "Home", "Overview", "Wages", "Demand", "Education", "On the Job", "Print", and "Start New Search". The "On The Job" section is active, showing a map of Minnesota with a green square highlighting the "6E" region. To the right of the map, it lists the counties included: Kandiyohi County, McLeod County, Mower County, and Renville County. Below the map, the "Your Region" is identified as "EDR 6E- Southwest Central" and the "Your Selected Occupation" is "Accountants and Auditors - SOC Code 13-2011". The "Typical tasks" section lists several duties, such as supervising auditing, examining records, and preparing reports. The "Working Conditions" section provides statistics on various work conditions, such as "Telephone - 96% responded 'Every day'" and "Time Pressure - 49% responded 'Once a month or more but not every week'". The "Abilities" section is partially visible at the bottom of the page.

DEED's Regional Analysts

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