



EMPLOYMENT AND
ECONOMIC DEVELOPMENT

Minnesota's Labor Market

Timothy O'Neill – Twin Cities Labor Market Analyst

Labor Market Information Office – <http://mn.gov/deed/data>



WHAT IS DEED?

- The Minnesota Department of Employment and Economic Development is the state's principal economic development agency. DEED programs promote business recruitment, expansion and retention; international trade; workforce development; and community development.



DEED resources for business

mn.gov/deed/business

- [CareerForce](http://careerforcemn.com) – careerforcemn.com
 - [Manufacturing Month](#)
 - [Employer Engagement Specialist](#)
- [Workforce Strategy Consultants](#)
- [Disability Employment Specialists](#)
- [Veteran Employment Representatives](#)
- [Business Development Managers](#)
- [Posting jobs](#)
- [Diversity, Equity, and Inclusion](#)
- [DEED Training Grant Programs](#)
- [Apprenticeships and Dual Training through MN DOLI](#)
- [Small Business Assistance Office](#)
- [Small Business Development Centers](#)

DEED resources for job seekers

mn.gov/deed/job-seekers

- [CareerForce](http://careerforcemn.com) – careerforcemn.com
 - Find a good job now
 - Start your career
 - Advance your career
 - Change your career
 - Tailored resources
 - Job loss resources
 - Virtual and Interactive Services
- [Recently Unemployed](#)
- [Find a Job](#)
- [Blind or Visually Impaired](#)
- [People with Disabilities](#)
- [Veterans Employment Programs](#)
- [Job Search Guide](#)
- [Data for Job Seekers](#)

Job search guide

<https://www.careerforcemn.com/CreativeJobSearch>

Creative Job Search

Jump to: [Updated in 2024!](#) | [Chapter 1: Career Planning](#) | [Chapter 2: Preparing for the Job Search](#) | [Chapter 3: Identifying Your Skills](#) | [Chapter 4: Job Search Tools](#) | [Chapter 5: Applications, References and Portfolios](#) | [Chapter 6: How People Find Work](#) | [Chapter 7: Using the Internet and Social Media](#) | [Chapter 8: Finding Employment After 55](#) | [Chapter 9: The Job Interview](#) | [Chapter 10: Finishing Touches](#)



Updated in 2024!

Check out the Creative Job Search guide, which has helped tens of thousands of people prepare for and launch a successful job search. Updated in 2024, the guide includes the latest tips for online and in-person networking, guidance on how to develop resume content that will get you through applicant tracking software screening, ways to prepare for tough interview questions and much, much more.

[View a flip book of the entire 2024 edition of Creative Job Search.](#)



Chapter 1: Career Planning

This chapter covers career planning strategies that anyone could use – whether actively engaged in a search for a job now or not. It also contains helpful advice for dealing with job loss, from applying for unemployment insurance to finding affordable health care coverage to self care tips to reduce stress and keep yourself in the right frame of mind for a successful job search.

[View a PDF of Chapter 1 Creative Job Search: Career Planning](#) →



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Job Search

Find Local Help

Toolkit

Resources For



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[Unemployment](#)

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Resources for

Find career, training and job search resources just for you.

Career Changer

Military and Veterans

Worker with a
Criminal Conviction

Entry-level Worker

Businesses

55+ workers

Young Adult

Workers with
Disabilities

Para hispanohablantes

Career Advisors

- Each state produces employment and economic statistics in cooperation with the U.S. Department of Labor's Bureau of Labor Statistics
- LMI includes employment statistics, unemployment rates, wages and salaries, job projections and more
- LMI is the foundation for informed, market-responsive planning

m1 EMPLOYMENT AND ECONOMIC DEVELOPMENT

For Job Seekers For Business For Government About Us Data A-Z Index

m1 EMPLOYMENT AND ECONOMIC DEVELOPMENT

Small Business Assistance Playlist

Watch our videos for quick tips on starting your business!

Latest News
Minnesota Adds 14,800 Private Sector Jobs in May

Labor force participation rate increases as more and more Minnesotans head back to work
June 17, 2021

For the fifth straight month, Minnesota gained jobs. Minnesota added 12,300 jobs in May, up 0.4% on a seasonally adjusted basis with the private sector up 14,800 jobs or 0.6%.

DEED Has Called More than 30,000 Unemployed Minnesotans, Connecting Them with Job Resources and Work Opportunities

Meet the LMI Office

mn.gov/deed/data



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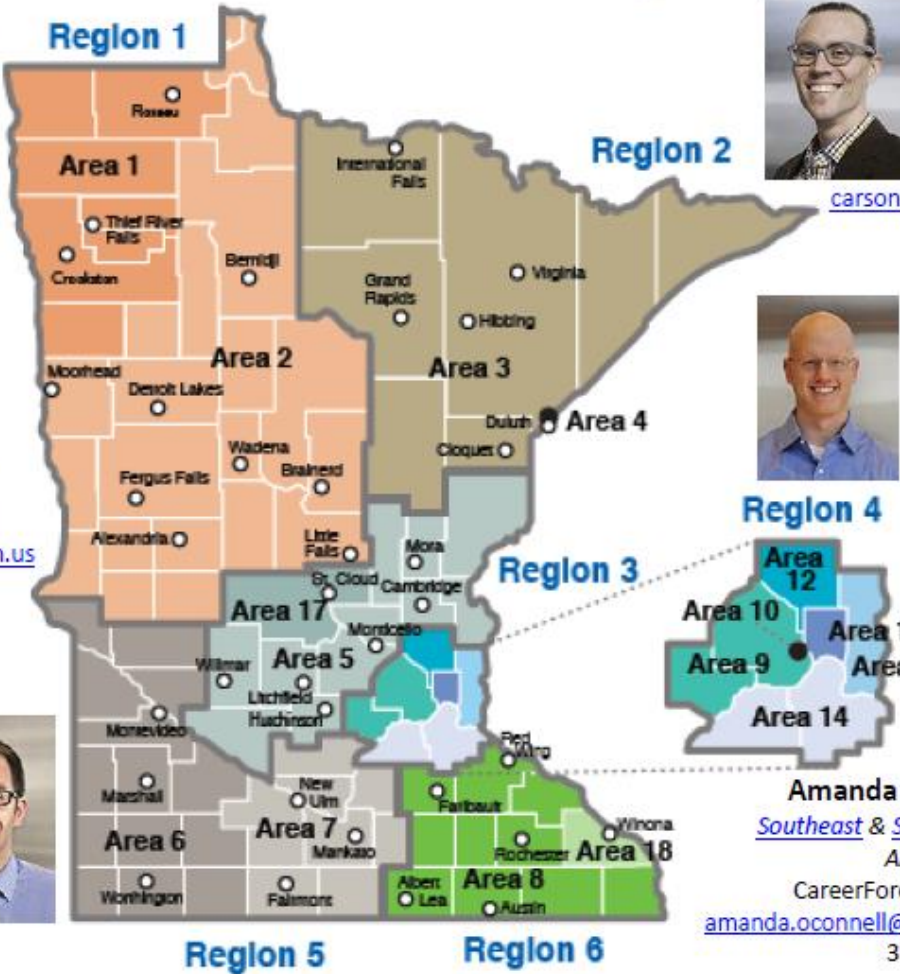
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Data tools for job seekers

<https://mn.gov/deed/data/lmi-job-seekers/>

[Career and Education Explorer](#)

What kinds of jobs can I do? And where can I get the education I need? The Career and Education Explorer lets you explore a wide range of occupations and related education in a single online tool.

[Graduate Employment Outcomes](#)

See how many graduates find jobs in Minnesota, by industry, wage and education.

[Occupational Employment and Wage Statistics](#)

The OEWS data tool shows employment estimates and typical wages by occupation and region in Minnesota. This information can help employers set wages and can help job seekers and students explore careers.

[CareerForce](#)

[Career Pathways](#)

The primary goal of the Career Pathways dashboard is to help students and job seekers understand how their educational path matches employment opportunities.

[Job Vacancy Survey](#)

The Job Vacancy Survey data tool shows the number of job openings, typical wage offers, and typical education requirements by occupation and industry, by region and statewide.

[Occupations in Demand](#)

The OID tool allows you to find out what jobs are in high demand in each region of the state. The typical wage, long-term employment outlook, training (or degree) required and schools that offer training programs for each occupation are also listed.

[LMI Help](#)

[Employment Outlook](#)

The Employment Outlook data tool shows one-year and ten-year projections of employment growth or decline by occupation and industry for Minnesota's regions, statewide, and for the U.S.

[Match Jobs to Experience](#)

Enter the title of a job you've done, and get a list of other jobs you can do with that experience.

[The Path to Career Success](#)

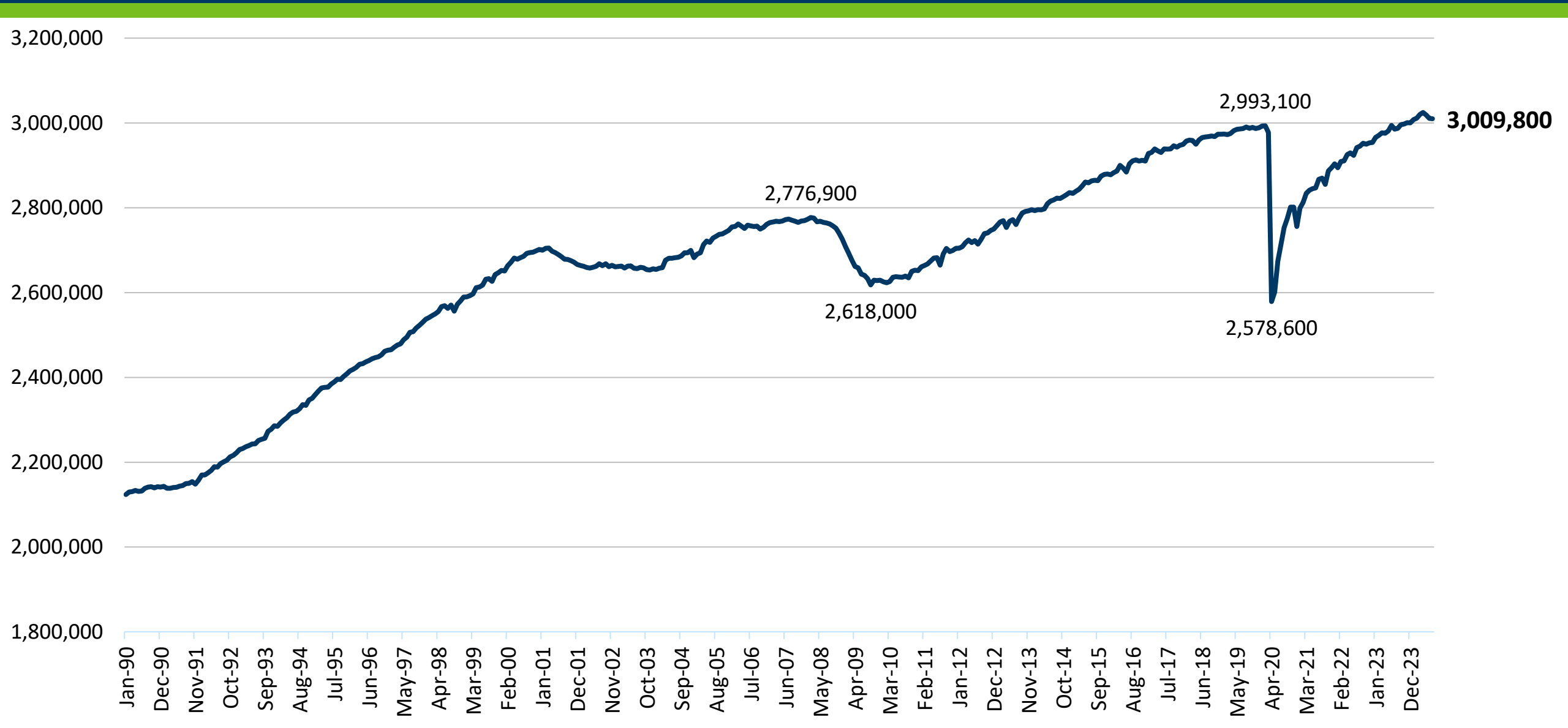
Choosing a career is serious business. These printable PDF handouts provide regional data to help guide students and job seekers through the career exploration process.



How is the job market doing?

Minnesota employment trends

Current Employment Statistics (CES): January 1990 – July 2024



Minnesota employment trends

CES July 2023 – July 2024

July 2024 Over the Year (OTY) Employment Growth by Industry Sector Not Seasonally Adjusted

	OTY Job Change	MN OTY Growth Rate (%)	US OTY Growth Rate (%)
Total	+29,218	+1.0	+1.6
Private	+9,571	+0.4	+1.4
Mining & Logging	-53	-0.8	-1.8
Construction	-2,394	-1.6	+3.0
Manufacturing	-6,096	-1.8	+0.1
Trade, Transport. & Utilities	-2,209	-0.4	+0.8
Information	-2,164	-4.8	-0.8
Financial Activities	-5,048	-2.6	+0.2
Prof. & Business Services	-16,473	-4.2	+0.6
Education & Health Services	+38,926	+7.0	+3.9
Leisure & Hospitality	+2,624	+0.9	+1.5
Other Services	+2,458	+2.1	+1.4
Government	+19,647	+4.9	+2.4

- **Average hourly wages** for all private sector workers increased 14 cents to \$37.51 in July 2024 over the month. Over the year average hourly earnings increased \$1.42, up 3.9%.
 - Nationally private sector wages decreased 6 cents over the month and rose 4.6% over the year.
 - The CPI inflation index for all urban consumers rose 2.9% over the year in July.

Minnesota industry employment

Quarterly Census of Employment and Wages (QCEW): annual 2023

Industry	Number of Jobs	Share of Total Jobs	Number of Establishments	Total Payroll (\$1,000s)	Avg. Annual Wage
Total, All Industries	2,904,873	100.0%	208,123	\$207,757,411	\$71,552
Health Care and Social Assistance	511,313	17.6%	24,566	\$33,212,983	\$64,896
Manufacturing	325,881	11.2%	8,639	\$25,736,032	\$78,936
Retail Trade	283,896	9.8%	17,754	\$10,883,238	\$38,324
Educational Services	229,976	7.9%	5,259	\$13,603,281	\$59,072
Accommodation and Food Services	226,309	7.8%	12,799	\$5,977,589	\$26,364
Professional, Scientific, and Technical Services	168,146	5.8%	29,387	\$19,679,541	\$117,052
Construction	143,054	4.9%	18,357	\$11,959,842	\$83,564
Finance and Insurance	140,816	4.8%	10,951	\$18,162,656	\$128,960
Public Administration	137,305	4.7%	3,394	\$9,778,788	\$71,188
Wholesale Trade	133,507	4.6%	15,422	\$13,806,719	\$103,428
Administrative and Support Services	130,395	4.5%	10,176	\$7,183,075	\$55,068
Transportation and Warehousing	114,785	4.0%	6,370	\$7,730,404	\$67,340
Other Services	90,425	3.1%	20,756	\$4,130,125	\$45,656
Management of Companies	89,435	3.1%	2,272	\$12,365,947	\$138,320
Arts, Entertainment, and Recreation	51,957	1.8%	3,965	\$2,368,045	\$45,812
Information	48,289	1.7%	6,964	\$5,161,918	\$106,860
Real Estate and Rental and Leasing	35,845	1.2%	7,048	\$2,409,168	\$67,236
Agriculture	23,355	0.8%	3,253	\$1,158,821	\$49,504
Utilities	14,443	0.5%	541	\$1,817,106	\$125,944
Mining	5,737	0.2%	253	\$632,133	\$110,864

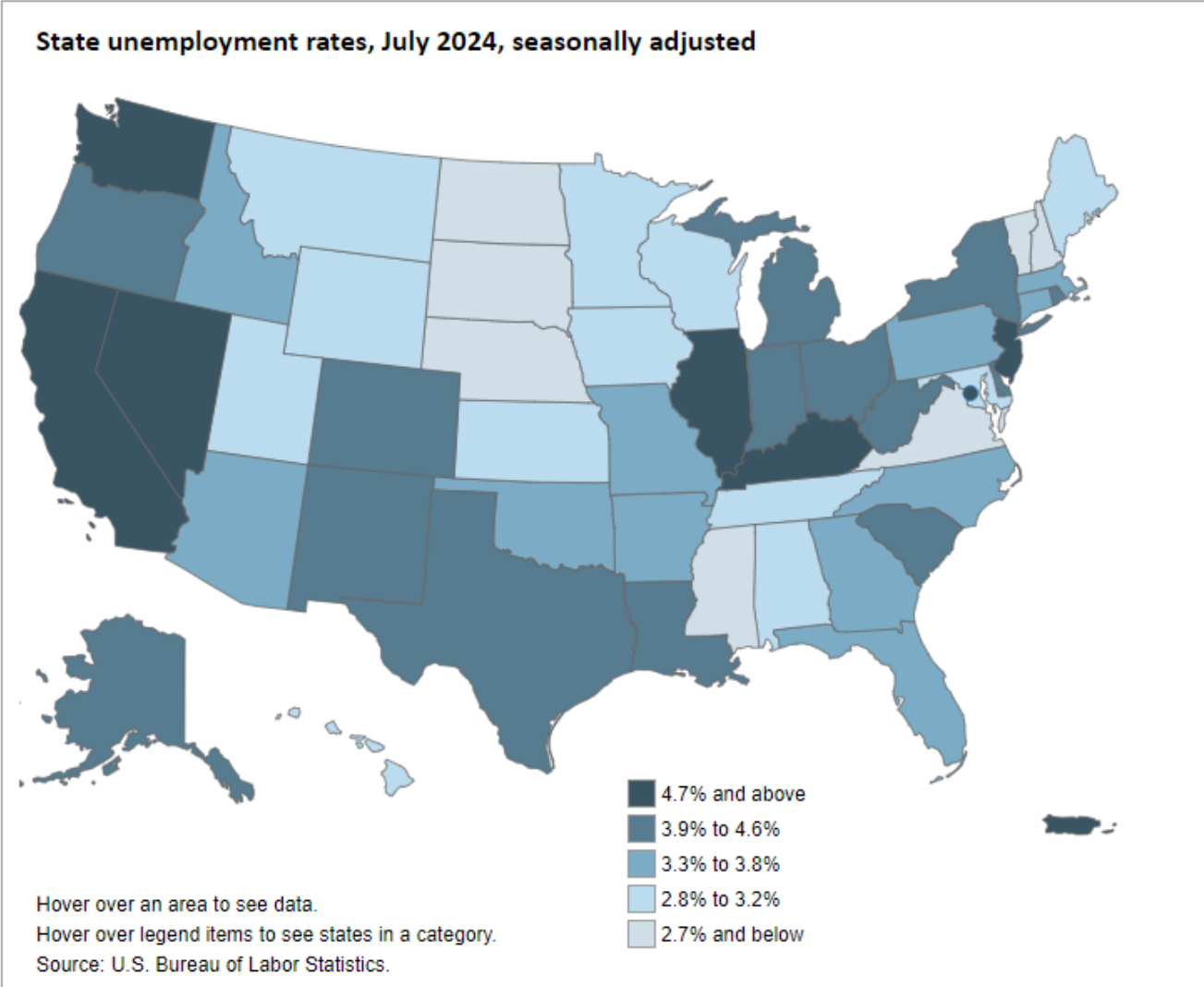
Minnesota industry trends

QCEW: annual 2013 – 2023

Industry	2023 Number of Jobs	2022 2023 Job Change		2019 2023 Job Change		2013 2023 Job Change	
		Numeric	Percent	Numeric	Percent	Numeric	Percent
Total, All Industries	2,904,873	+48,741	+1.7%	+3,241	+0.1%	+212,703	+7.9%
Health Care and Social Assistance	511,313	+17,227	+3.5%	+10,317	+2.1%	+64,540	+14.4%
Manufacturing	325,881	+2,011	+0.6%	+1,940	+0.6%	+18,657	+6.1%
Retail Trade	283,896	+2,034	+0.7%	-9,501	-3.2%	-3,046	-1.1%
Educational Services	229,976	+4,248	+1.9%	-995	-0.4%	+11,582	+5.3%
Accommodation and Food Services	226,309	+8,987	+4.1%	-9,260	-3.9%	+9,326	+4.3%
Professional, Scientific, and Technical Services	168,146	+864	+0.5%	+7,678	+4.8%	+31,391	+23.0%
Construction	143,054	+3,051	+2.2%	+8,745	+6.5%	+35,690	+33.2%
Finance and Insurance	140,816	-1,898	-1.3%	-7,659	-5.2%	+909	+0.6%
Public Administration	137,305	+1,185	+0.9%	+1,404	+1.0%	+13,483	+10.9%
Wholesale Trade	133,507	+1,941	+1.5%	+5,087	+4.0%	+2,947	+2.3%
Administrative and Support Services	130,395	-4,408	-3.3%	-5,616	-4.1%	-4,301	-3.2%
Transportation and Warehousing	114,785	+1,193	+1.1%	+3,903	+3.5%	+21,452	+23.0%
Other Services	90,425	+3,437	+4.0%	-1,025	-1.1%	+4,992	+5.8%
Management of Companies	89,435	+2,194	+2.5%	+288	+0.3%	+12,487	+16.2%
Arts, Entertainment, and Recreation	51,957	+2,612	+5.3%	-1,678	-3.1%	+2,949	+6.0%
Information	48,289	-1,039	-2.1%	-2,279	-4.5%	-8,744	-15.3%
Real Estate and Rental and Leasing	35,845	+503	+1.4%	+221	+0.6%	-3,913	-9.8%
Agriculture	23,355	+255	+1.1%	+889	+4.0%	+2,751	+13.4%
Utilities	14,443	+718	+5.2%	+880	+6.5%	+40	+0.3%
Mining	5,737	+93	+1.6%	-97	-1.7%	-486	-7.8%

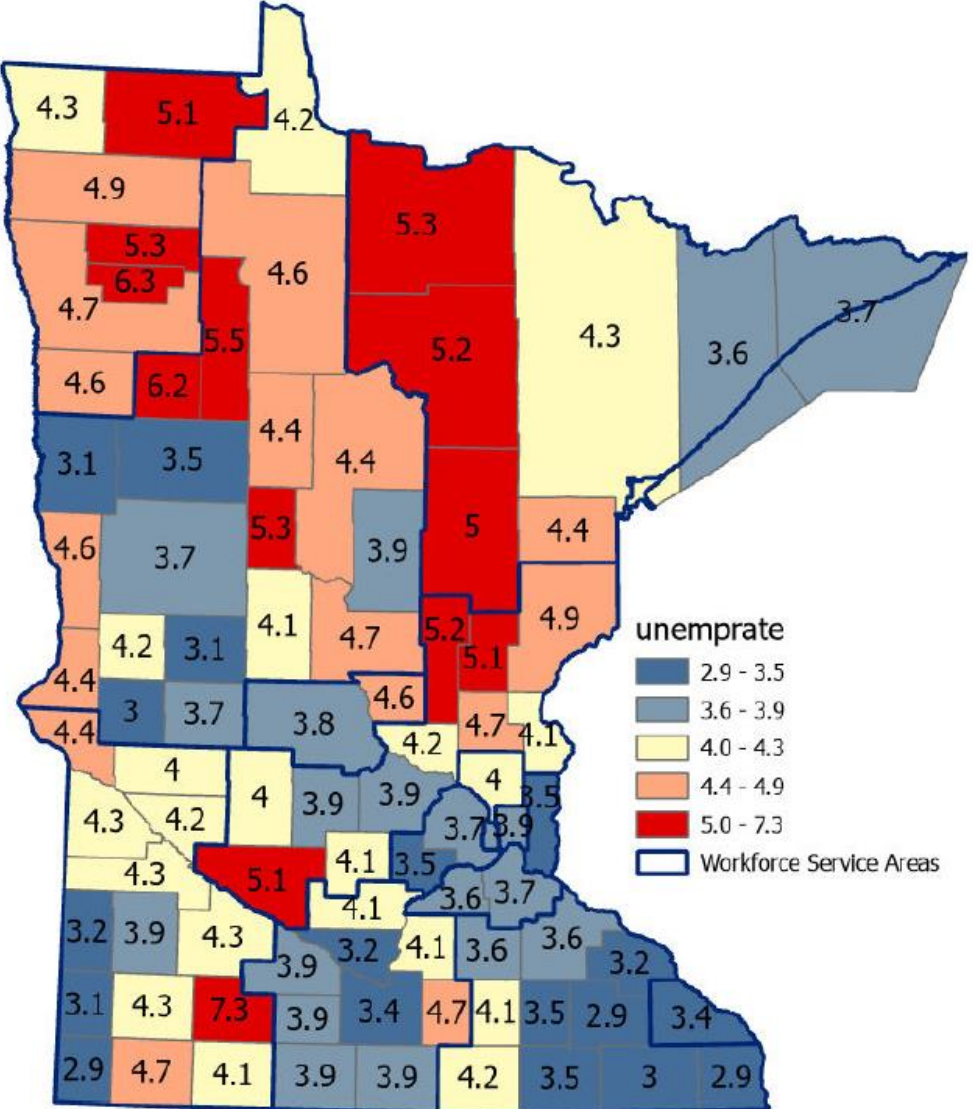
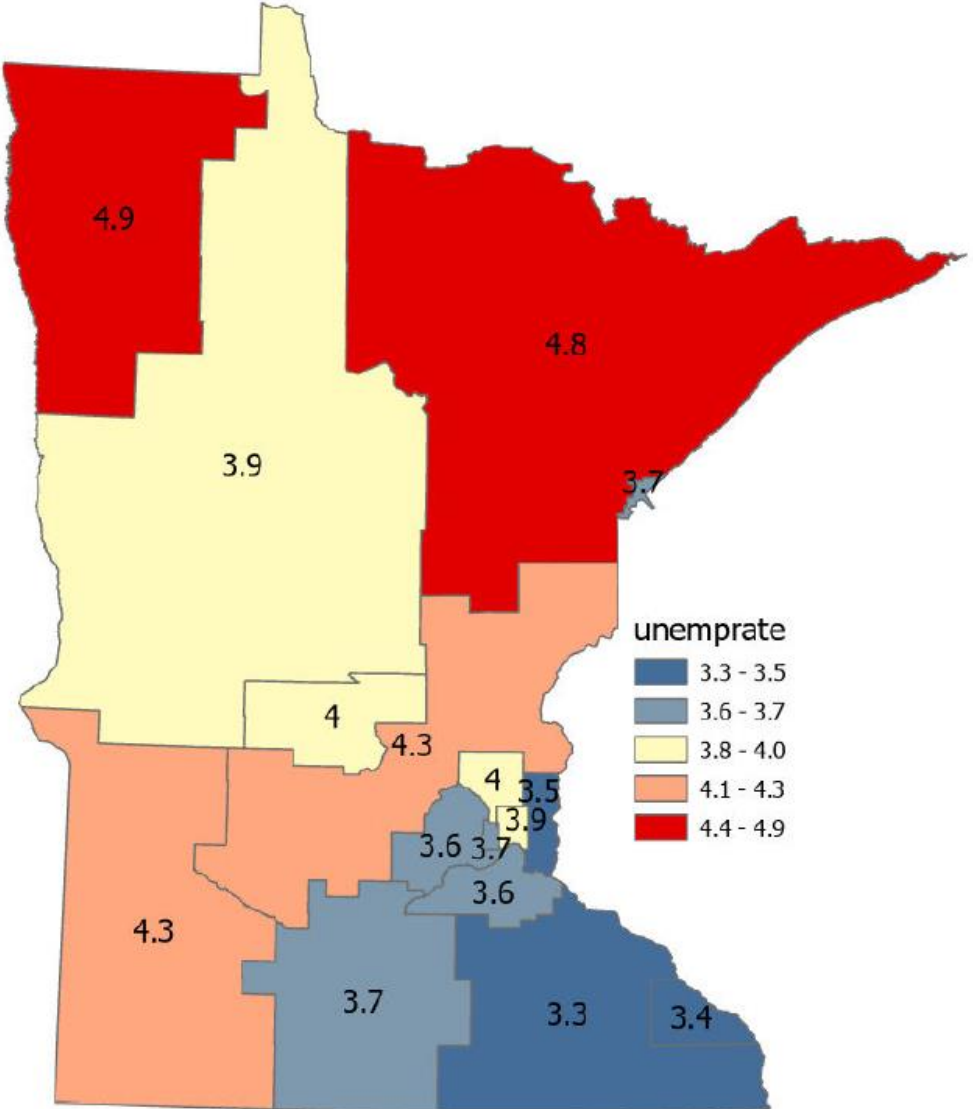
Minnesota labor market situation

Local Area Unemployment Statistics (LAUS) – July 2024



Minnesota labor market situation

LAUS: July 2024



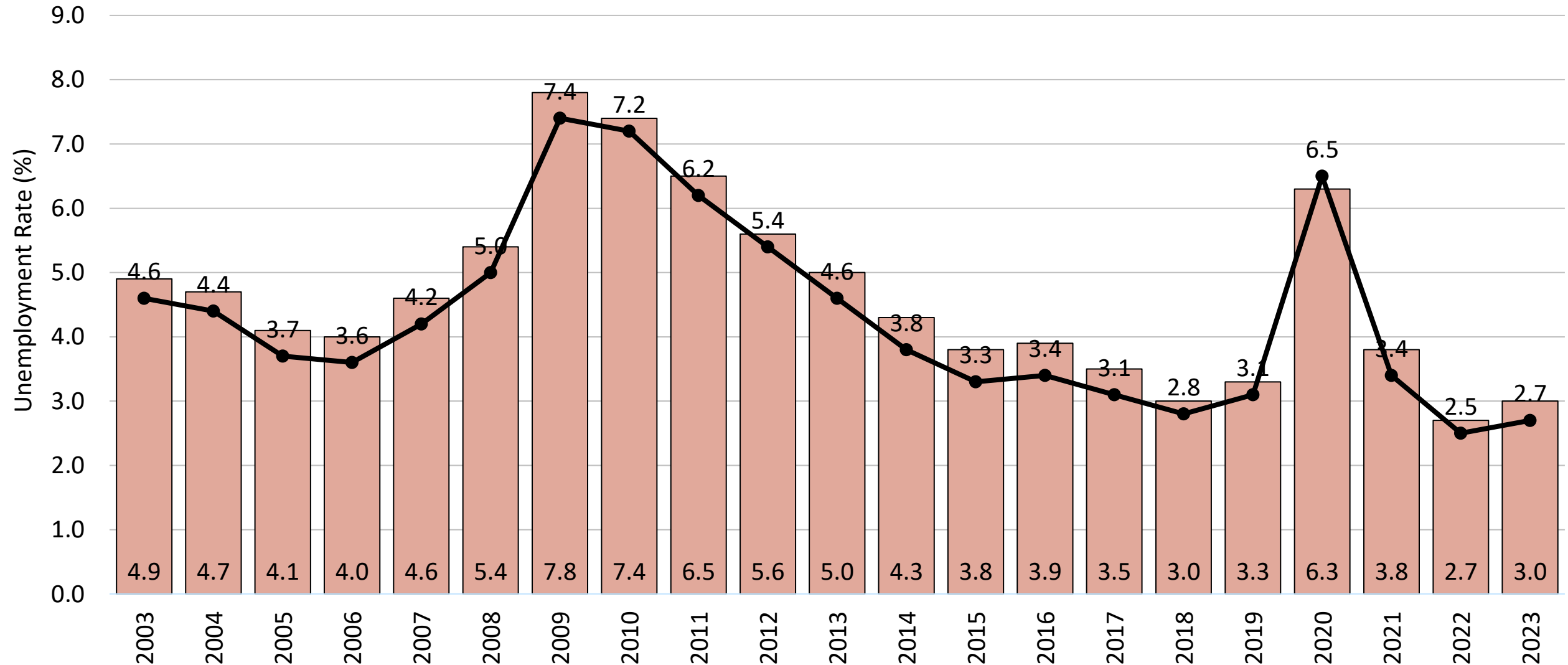
Minnesota's labor market situation

LAUS

Unemployment Rates, 2003-2023

Minnesota

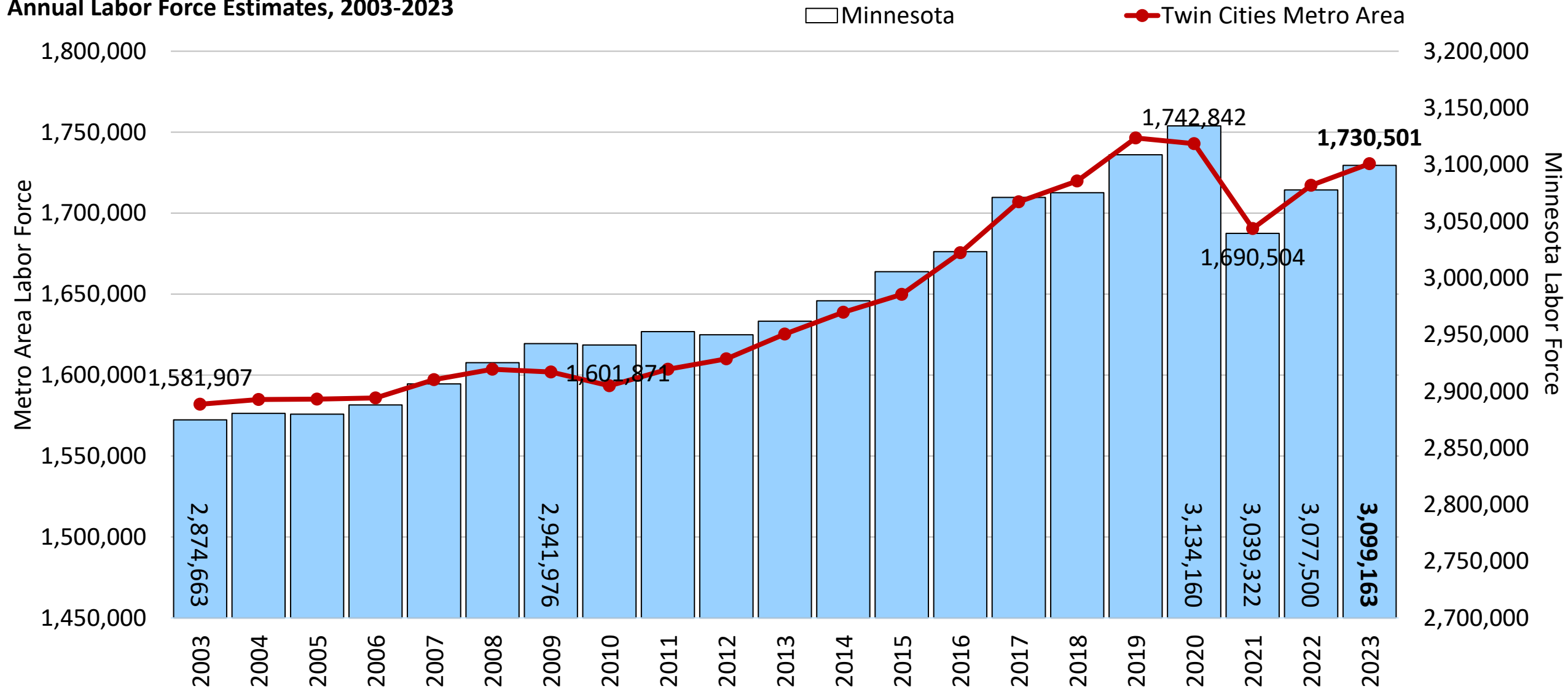
Twin Cities Metro Area



Minnesota's labor market situation

LAUS

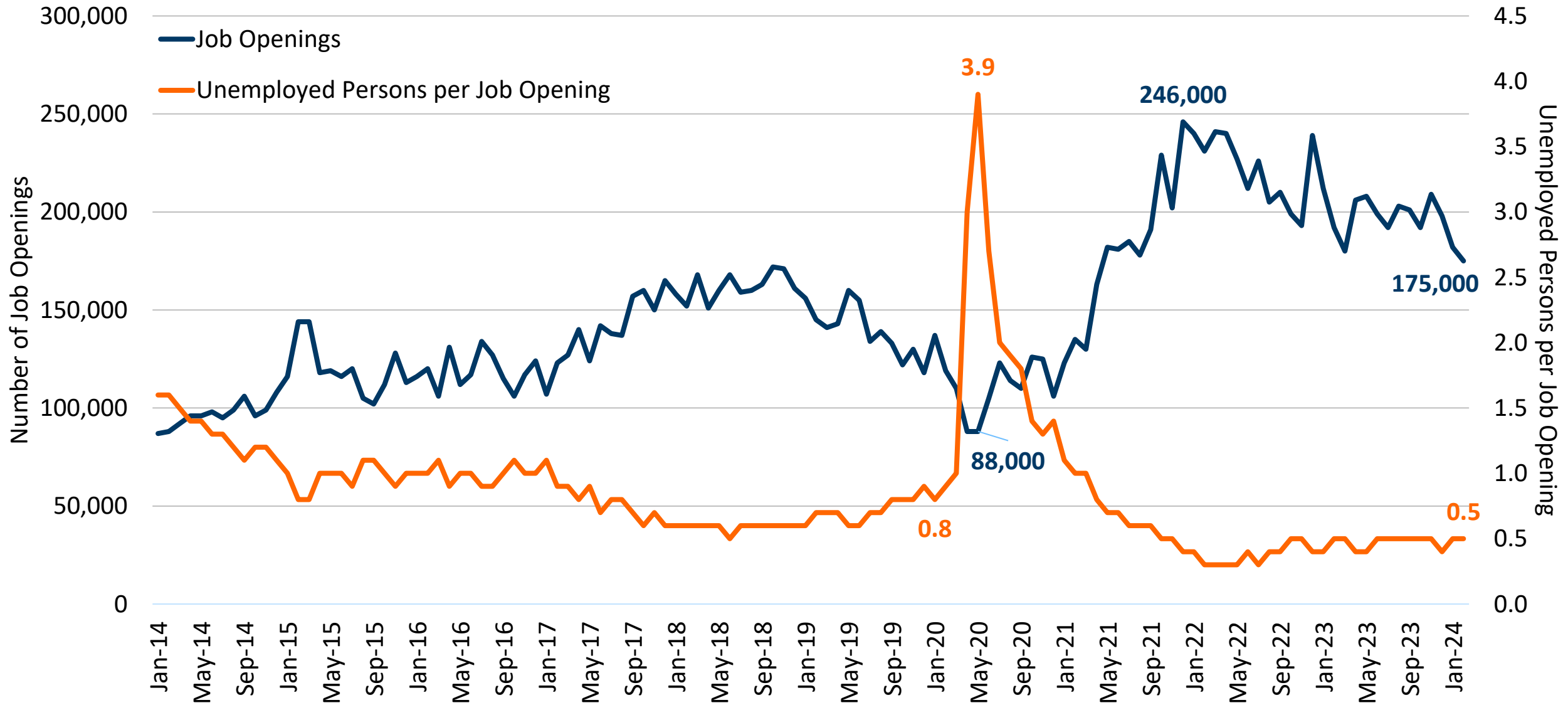
Annual Labor Force Estimates, 2003-2023



2022 ACS 5-Year Estimates	Minnesota			
	In Labor Force	Labor Force Partic. Rate	Unemployment Rate	Percent of Total Labor Force
Total Labor Force	3,117,089	68.7%	4.0%	-
16 to 19 years	157,675	53.0%	9.8%	5.1%
20 to 24 years	303,610	83.1%	6.7%	9.7%
25 to 44 years	1,334,407	88.8%	3.5%	42.8%
45 to 54 years	593,383	87.8%	2.9%	19.0%
55 to 64 years	550,018	72.8%	3.1%	17.6%
65 to 74 years	152,031	27.6%	3.3%	4.9%
75 years & over	25,645	6.6%	3.2%	0.8%
Employment Characteristics by Race & Hispanic Origin				
White alone	2,534,671	67.8%	3.4%	81.3%
Black or African American	190,964	71.5%	8.7%	6.1%
American Indian & Alaska Native	21,921	57.6%	11.9%	0.7%
Asian or Other Pac. Islanders	161,515	73.9%	3.6%	5.2%
Some Other Race	73,025	76.1%	6.1%	2.3%
Two or More Races	133,160	74.3%	6.6%	4.3%
Hispanic or Latino	168,599	77.0%	6.3%	5.4%
Employment Characteristics by Disability				
With Any Disability, 20 to 64 years	163,808	54.4%	10.2%	5.9%
Employment Characteristics by Educational Attainment				
Population, 25 to 64 years	2,477,137	84.4%	3.3%	79.5%
Less than H.S. Diploma	116,822	67.2%	4.6%	4.7%
H.S. Diploma or Equivalent	471,871	76.8%	2.5%	19.0%
Some College or Assoc. Degree	813,532	85.1%	3.6%	32.8%
Bachelor's Degree or Higher	1,075,262	90.3%	2.0%	43.4%

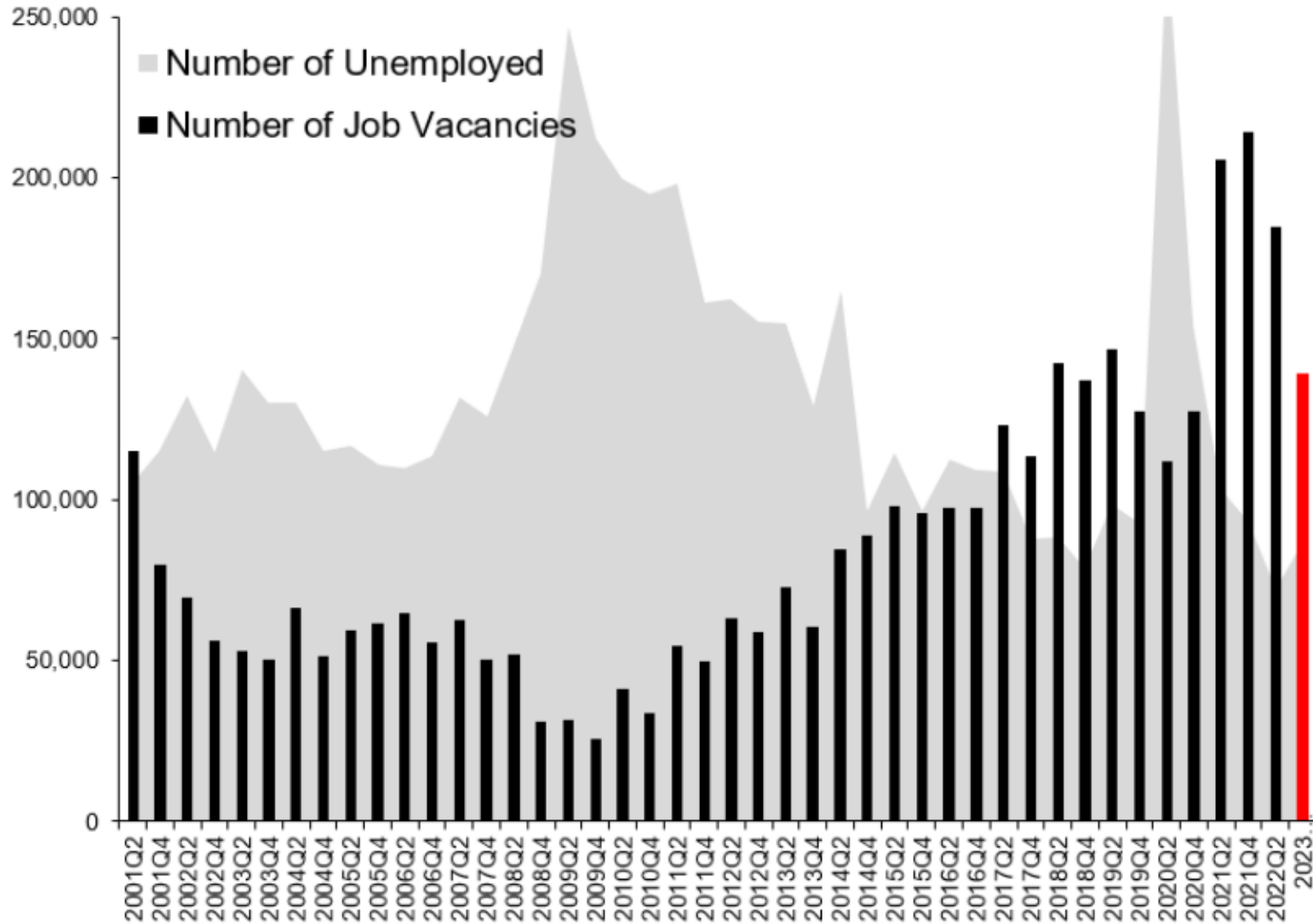
Minnesota's tight labor market

Bureau of Labor Statistics (BLS) Job Openings & Labor Turnover Survey (JOLTS)



Minnesota's tight labor market

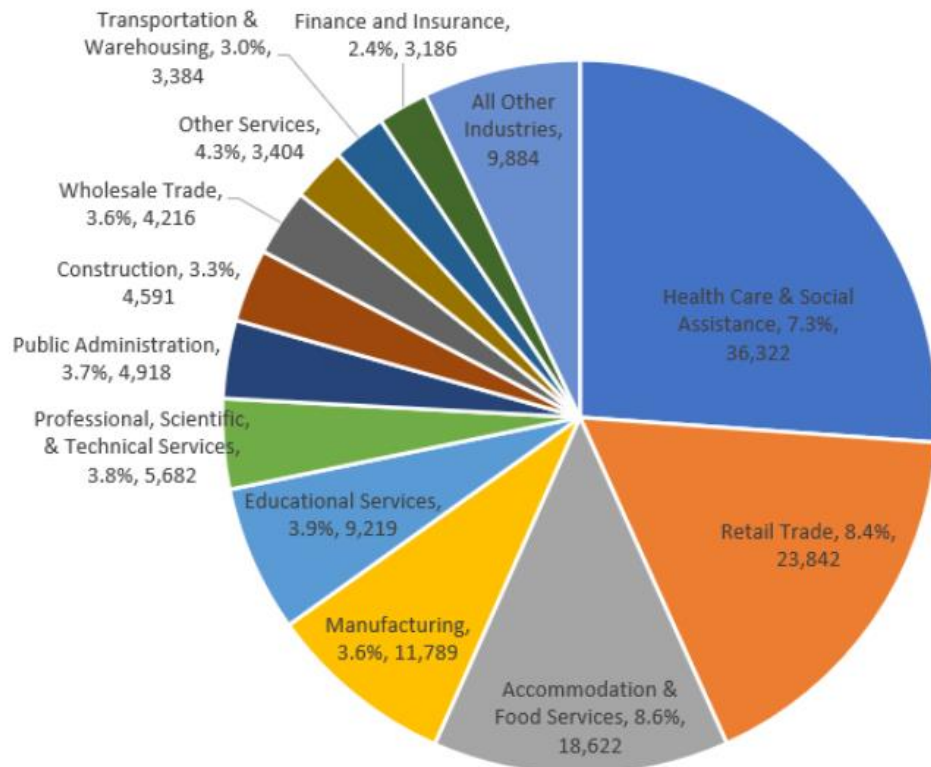
Job Vacancy Survey (JVS)



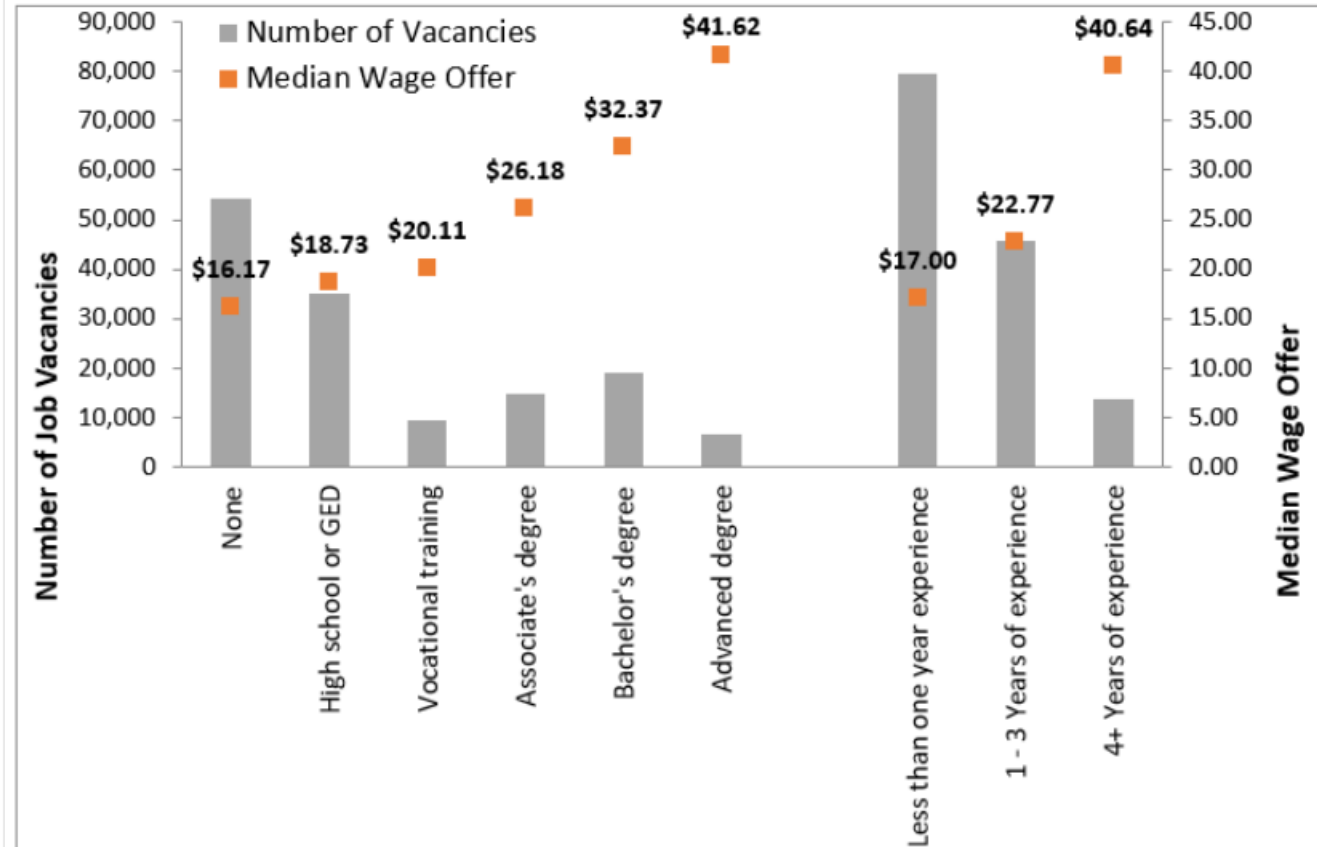
	Number of Job Vacancies	Number of Vacancies per 100 Jobs	Number of Unemployed Workers	Number of Unemployed per Vacancy
2023 Year	139,059	5.1%	87,215	0.6
2 nd Quarter 2022	184,588	6.9%	72,526	0.4
4 th Quarter 2021	214,071	8.2%	92,924	0.4
2 nd Quarter 2021	205,714	8.0%	123,617	0.6
4 th Quarter 2020	127,314	4.5%	139,978	1.1
2 nd Quarter 2020	111,753	4.0%	299,579	2.7
4 th Quarter 2019	127,550	4.6%	92,692	0.7
2 nd Quarter 2019	146,513	5.3%	93,037	0.6
4 th Quarter 2018	136,917	4.9%	78,905	0.6
2 nd Quarter 2018	142,282	5.2%	88,517	0.6
4 th Quarter 2017	113,774	4.2%	87,578	0.8
2 nd Quarter 2017	122,929	4.5%	108,623	0.9
4 th Quarter 2016	97,374	3.6%	109,090	1.1
2 nd Quarter 2016	97,580	3.6%	112,725	1.2
4 th Quarter 2015	96,114	3.6%	96,263	1.0
2 nd Quarter 2015	97,997	3.7%	114,619	1.2
4 th Quarter 2014	88,927	3.4%	96,358	1.1
2 nd Quarter 2014	84,696	3.3%	165,184	2.0
4 th Quarter 2013	60,397	2.3%	129,253	2.1
2 nd Quarter 2013	72,569	2.8%	154,701	2.1

MN job vacancy characteristics

JVS: 2023

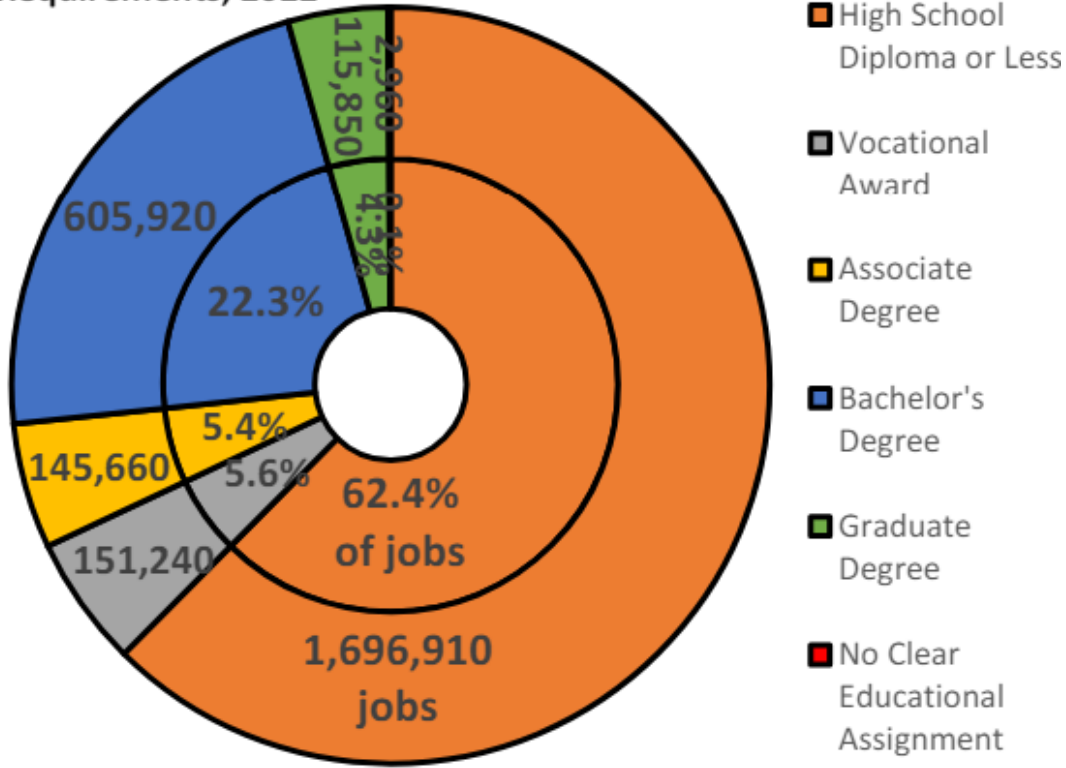


Numbers on chart are vacancy rate and number of vacancies by industry group

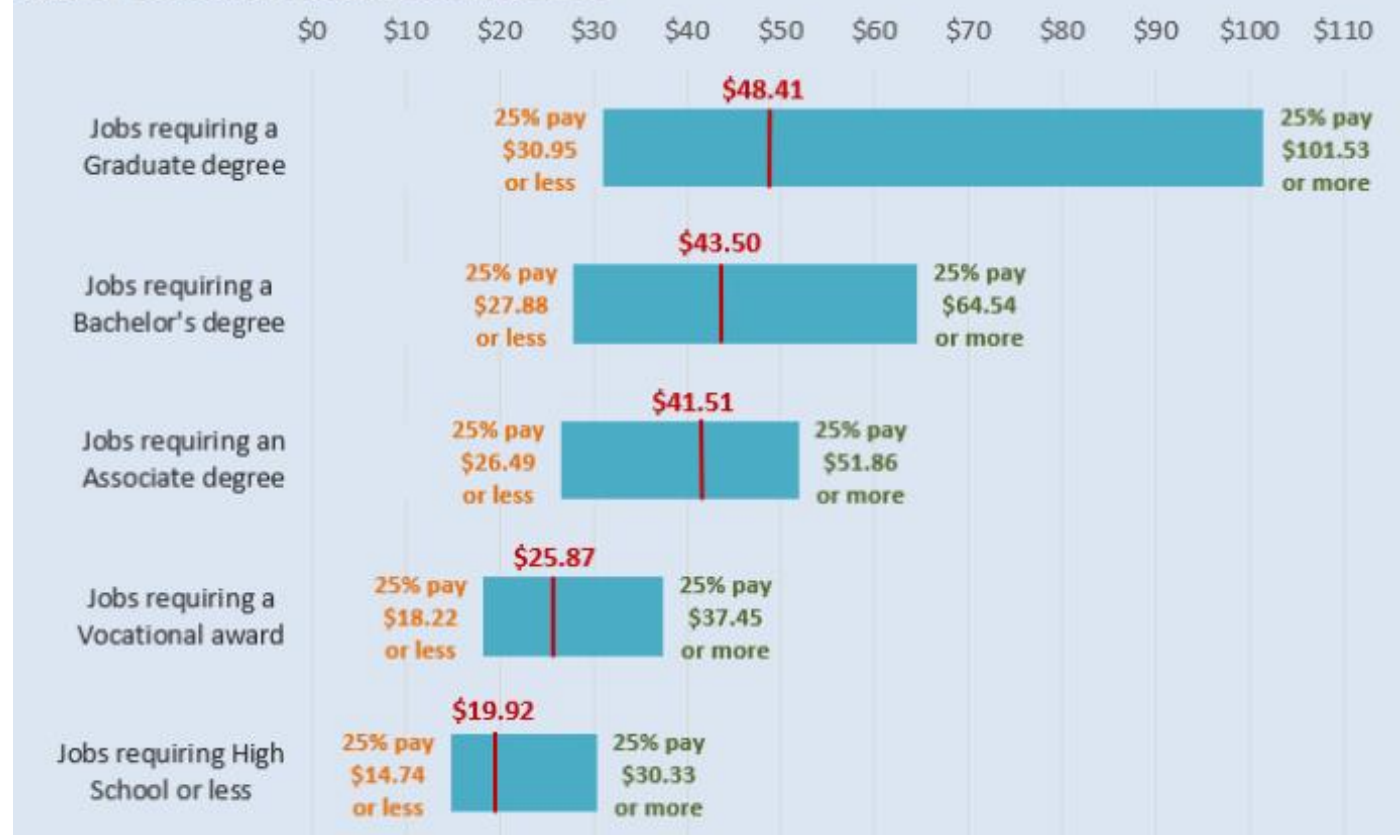


Jobs & wages by educational attainment

Minnesota Share of Jobs by Educational Requirements, 2022



Hourly Wage Ranges for Jobs in Minnesota by Typical Education Requirements, 2023



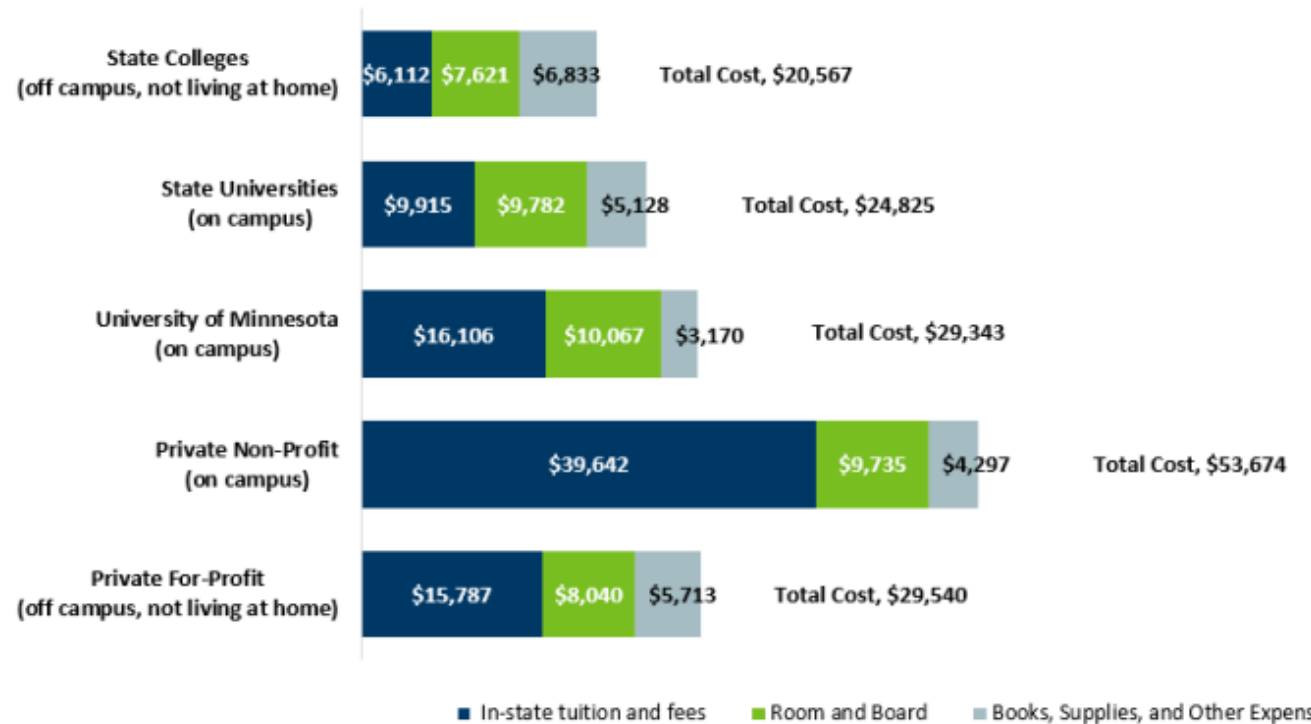
Cost of college and living

Minnesota Office of Higher Education; Cost of Living Calculator

State of Minnesota Basic Needs Cost of Living, 2022



Average Annual Expense for a Resident Undergraduate Attending Full-Time at a Minnesota College, 2021-2022



Source: Minnesota Office of Higher Education for tuition data; U.S. Department of Education, IPEDS Institutional Characteristics survey data for 2021-2022

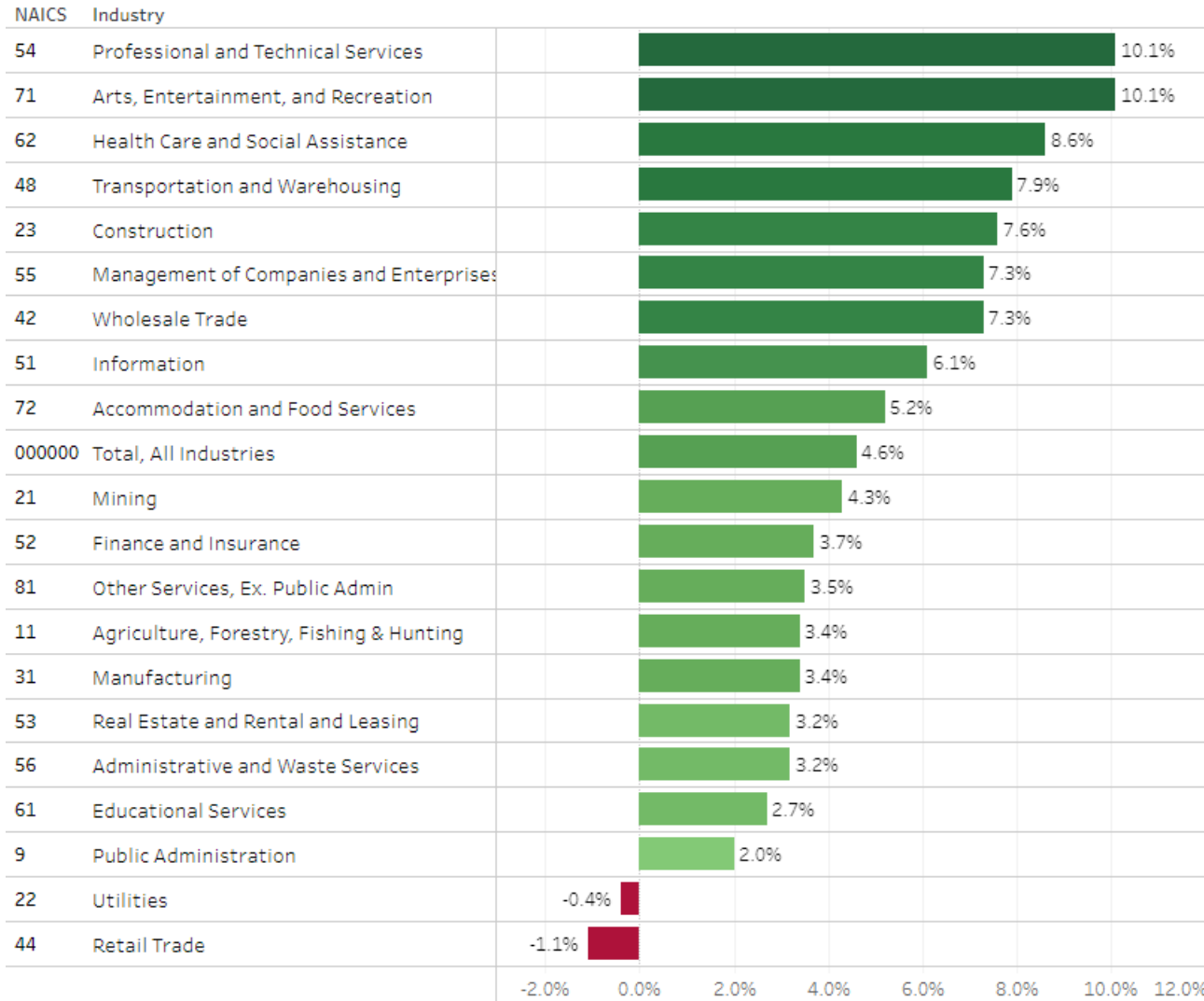
Hiring demand in Minnesota

Occupations in Demand (OID)

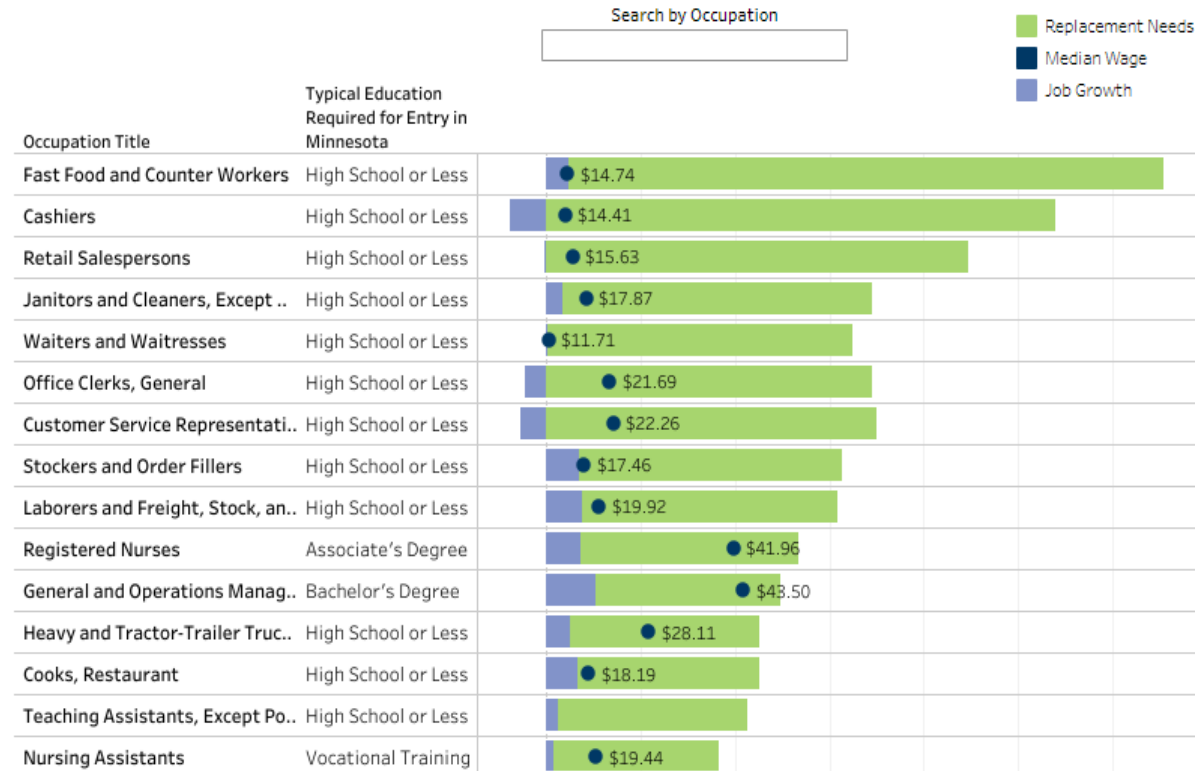
High School or Less	Vocational Training	Associate Degree	Bachelor's Degree or Higher
Home Health & Personal Care Aides \$33,029	Nursing Assistants \$40,439	Registered Nurses \$87,291	Software Developers & Software Quality Assurance Analysts & Testers \$102,672
Agricultural Equipment Operators \$44,075	Licensed Practical & Licensed Vocational Nurses \$56,356	Radiologic Technologists & Technicians \$78,454	Computer Systems Analysts \$109,669
Phlebotomists \$41,662	Medical Assistants \$49,836	Agricultural and Food Science Technicians \$46,521	Information Security Analysts \$113,979
Farmworkers and Laborers, Crop, Nursery, and Greenhouse \$36,812	Machinists \$53,440	Surgical Technologists \$67,457	Database Administrators & Architects \$113,980
Medical Equipment Preparers \$47,891	Emergency Medical Technicians & Paramedics \$50,049	Veterinary Technologists & Technicians \$41,517	Environmental Scientists and Specialists \$83,469
Assemblers & Fabricators \$40,914	Tool and Die Makers \$64,299	Computer Network Support Specialists \$73,179	Pharmacists \$142,463
Butchers & Meat Cutters \$40,091	CNC Tool Programmers \$67,655	Forest and Conservation Technicians \$51,299	Occupational Therapists \$84,498
Welders, Cutters, Solderers, & Brazers \$52,075	Computer User Support Specialists \$63,282	Web Developers & Digital Interface Designers \$82,455	Veterinarians \$106,315

Employment outlook in Minnesota 2022-2032

Employment Outlook tool



2022-2032 Projected Occupational Openings in Minnesota



National employment projections, 2023 – 2033

Chart 1. No formal educational credential to enter: Occupations projected to have the most openings each year, on average, 2023–33

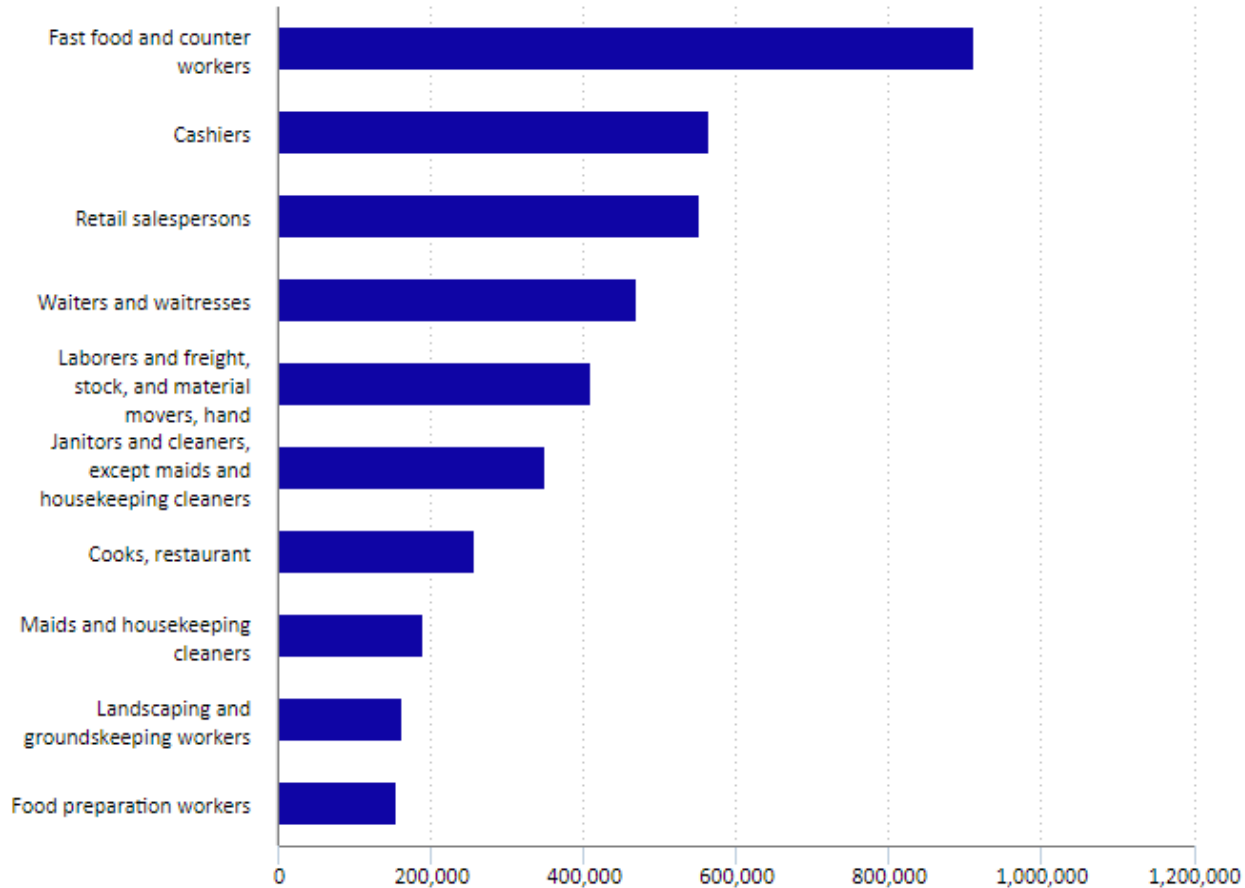
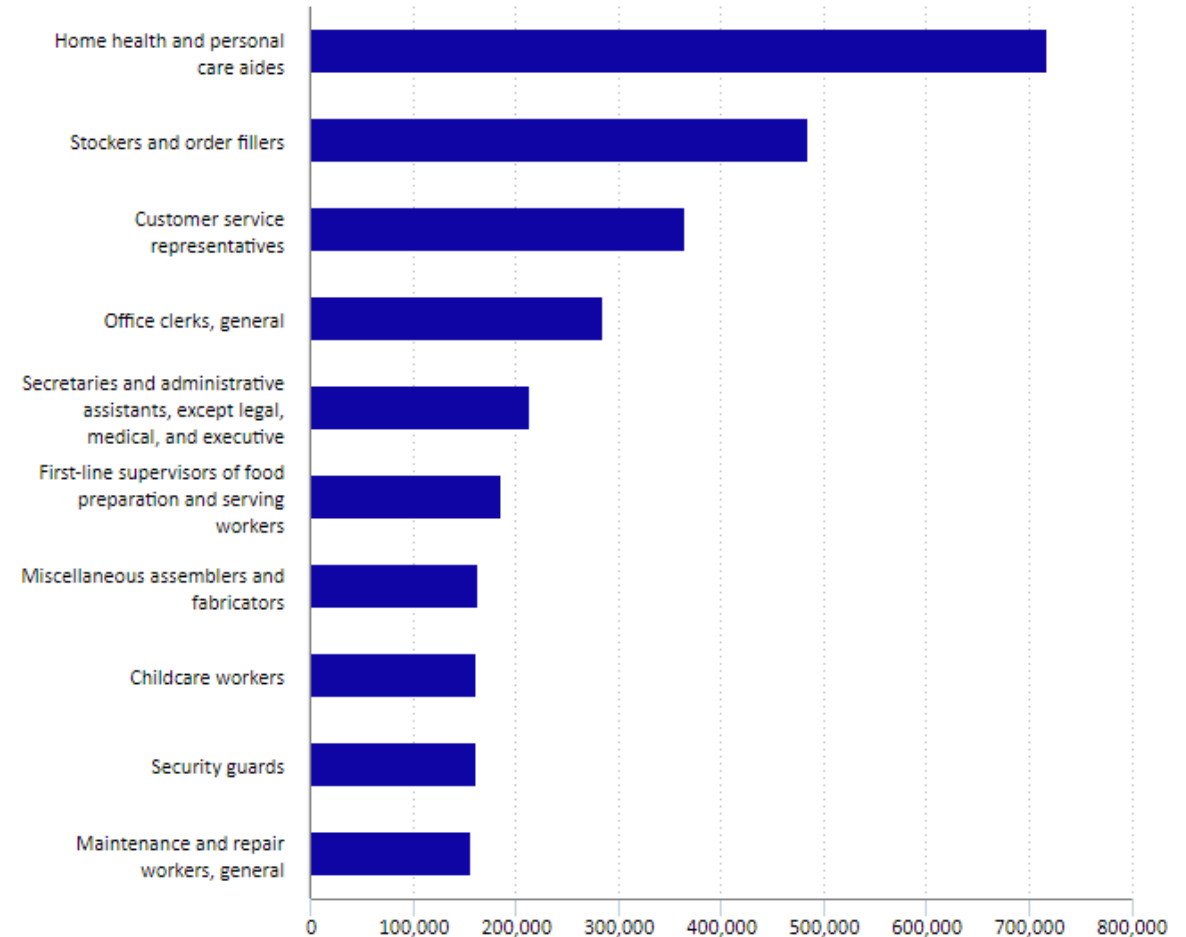


Chart 2. High school diploma or the equivalent to enter: Occupations projected to have the most openings each year, on average, 2023–33



National employment projections, 2023 – 2033

Chart 3. Postsecondary education, but not a bachelor's degree to enter: Occupations projected to have the most openings each year, on average, 2023–33

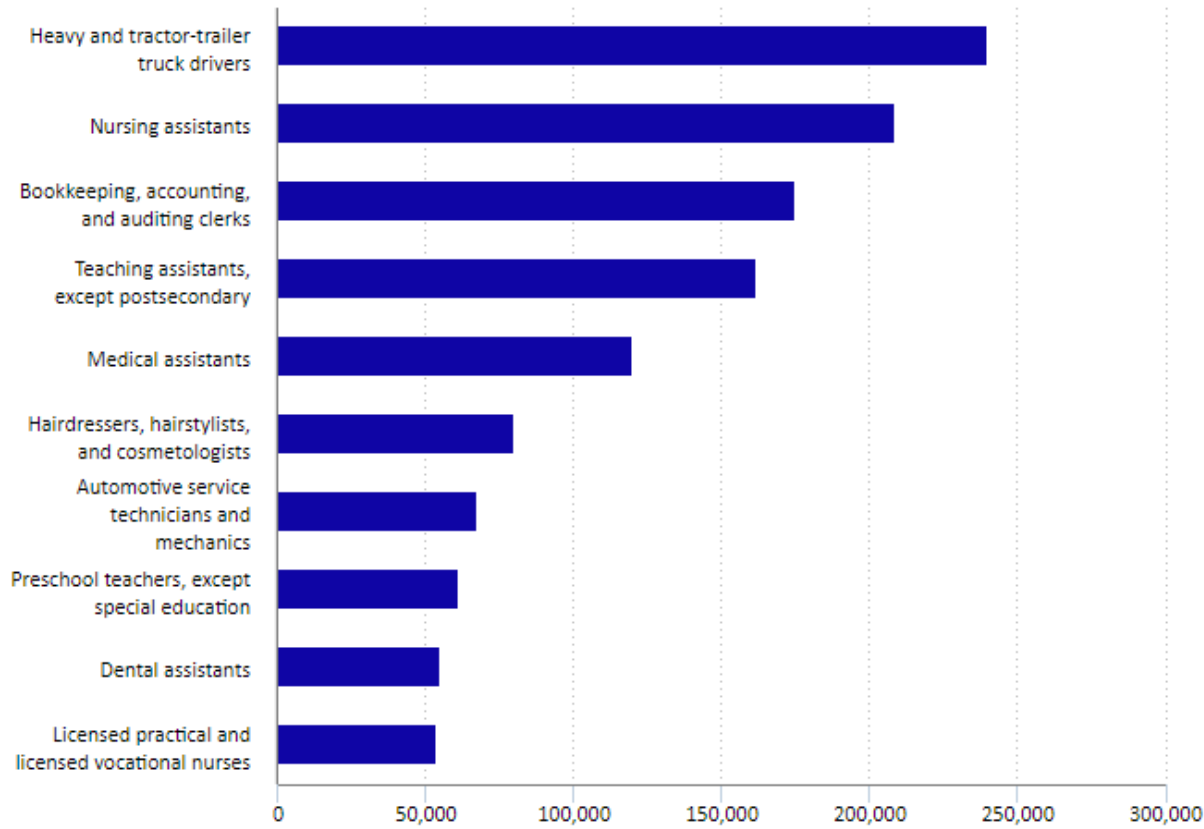
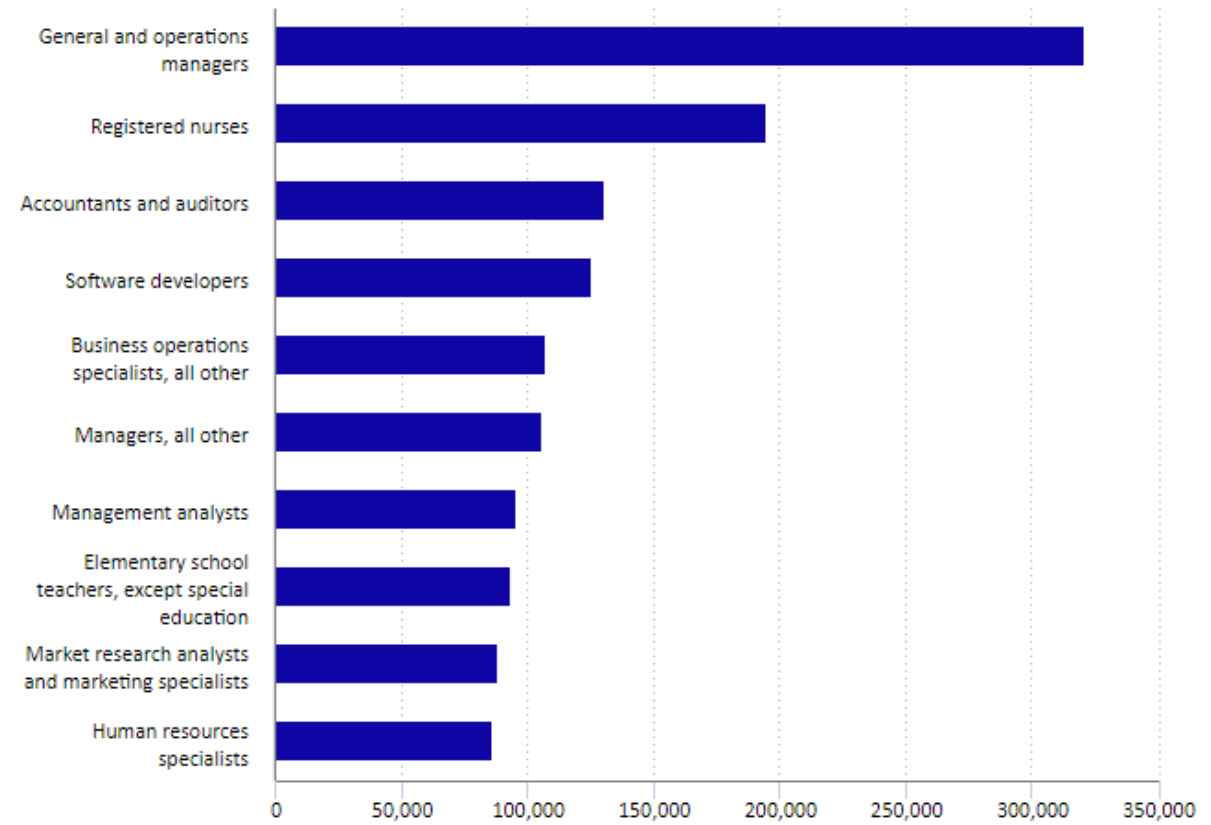


Chart 4. Bachelor's degree to enter: Occupations projected to have the most openings each year, on average, 2023–33



Labor market publications and assistance

- **Main DEED website:** mn.gov/deed
- **DEED Labor Market Information Office:** mn.gov/deed/data
 - Data tools
 - Reports and publications
 - Monthly highlights
- **LMI Help:** mn.gov/deed/data/lmi-help
 - Send questions by email to deed.lmi@state.mn.us
- Regional Labor Market Analysts – Metro Area: Tim O’Neill (timothy.oneill@state.mn.us)

