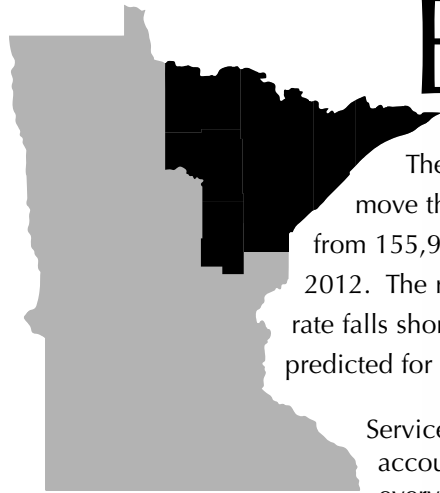


EMPLOYMENT OUTLOOK TO 2012

NORTHEAST MINNESOTA



Employment in Northeast Minnesota is predicted to increase by 11.3 percent between 2002 and 2012.

The addition of 17,500 jobs will move the region's employment base from 155,900 in 2002 to 173,400 by 2012. The region's projected job growth rate falls short of the 14.7 percent growth predicted for the state.

Service-producing industries will account for more than nine out of every ten new jobs in the region.

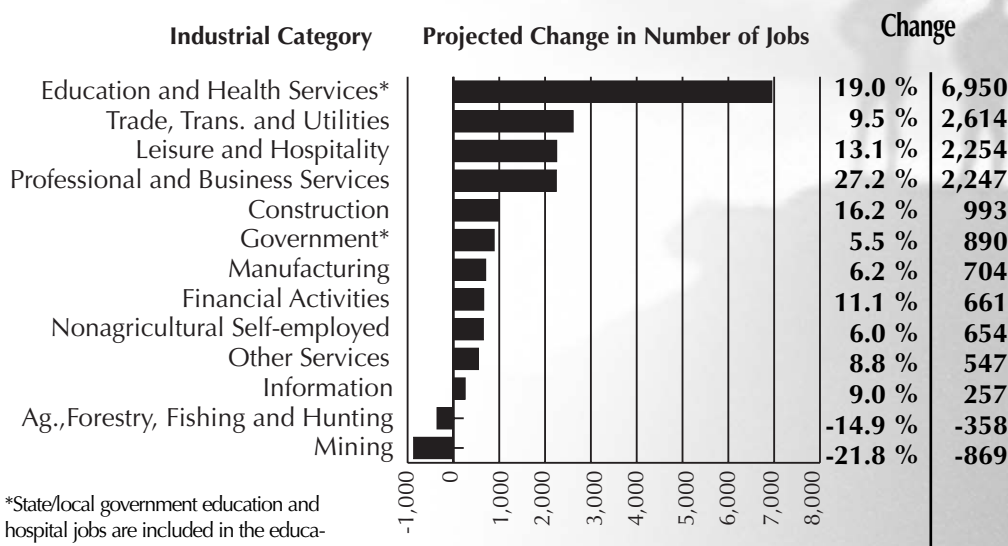
Goods-producing employment is expected to grow by only 3.2 percent while service-producing employment is projected to expand 13.6 percent. Nearly 40 percent of employment growth is expected to be in the health services sector. Most of the projected health services employment expansion will be in the **nursing and residential care facilities (2,700), ambulatory health care**

services (1,900), hospitals (1,200), and social assistance (1,100) industries.

Employment growth in the trade, transportation and utilities sector is expected to add the second-largest number of jobs. Employment in the sector is expected to be boosted most by employment gains at **gasoline stations, building material and garden supply stores, and merchant wholesalers of durable goods.** Each of these industries is projected to add approximately 400 positions.

New jobs in the **food services and drinking places (1,200), accommodation (500), and amusement, gambling, and recreation (400)** industries will drive leisure and hospitality employment growth. Professional and business services jobs are expected to grow the fastest, expanding more than twice as fast as overall job growth. Professional and business services industries expected to add the most jobs are the **accounting and bookkeeping services (400), service to buildings and dwellings (300), and business support services (300)** industries.

EMPLOYMENT OUTLOOK BY INDUSTRY GROUP Northeast Minnesota, 2002 - 2012



*State/local government education and hospital jobs are included in the education and health services industry groups.

Employment in the construction and financial activities sectors are the only other sectors projected to expand at or faster than overall employment. **Insurance agencies (200)** are projected to add the most jobs among the financial activities industries. Expanding payrolls among **special trade contractors (800)** will account for most construction job creation.

Manufacturing in Northeast Minnesota will add jobs over the projection period but not enough to recover all of the manufacturing jobs lost between 2000 and 2002. Hiring is expected to be strongest at **transportation equipment manufacturers (400).** Mining and agricultural-related employment is expected to continue to decline over the next ten years.

BY INDUSTRY

This is a summary of industry and occupational employment projections for 2002-2012. Detailed state and substate projections data are on the Internet at www.deed.state.mn.us/lmi/proj. To order brochures, please specify the area and report you want and fax your name, address and phone number to 651.282.5429 or e-mail deed.pubs@state.mn.us

BY OCCUPATION

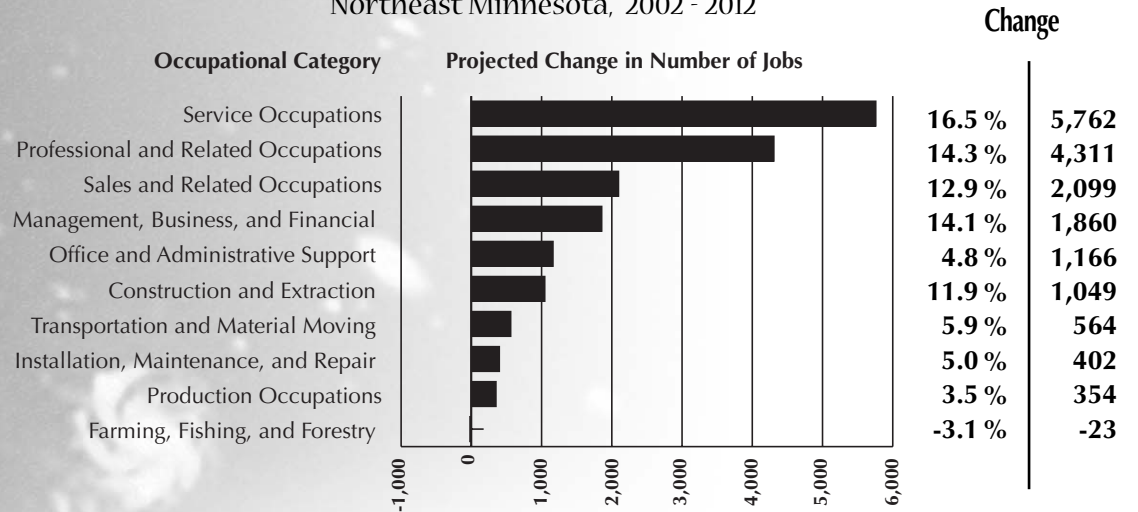
One-third of the projected 17,500 new jobs in Northeast Minnesota will be in service occupations. Service occupations, which accounted for 22 percent of total regional employment in 2002, are expected to expand by 16.5 percent over the ten-year period, well above the projected 11.3 percent gain for total employment.

The fastest-growing services jobs will be **personal and home care aides, home health aides, and medical assistants. Home health aides, combined food preparation and serving workers, and nursing aides, orderlies, and attendants** will add the highest number of workers among services occupations.

Professional and related occupations are projected to increase 14.3 percent, adding 4,300 jobs. **Social and human service assistants, registered nurses, and postsecondary teachers** are expected to expand the most among professional occupations. **Social and human service assistants, electronics engineers (except computer), veterinary technologists and technicians, and rehabilitation counselors** are anticipated to be among the fastest-growing professional occupations.

Sales and related jobs are expected to add the third most jobs, expanding at a rate just above overall job growth. Positions for **insurance sales agents, supervisors of non-retail sales workers, and counter and rental clerks** will increase the fastest among sales jobs but as usual most of the growth in sales and

EMPLOYMENT OUTLOOK BY OCCUPATIONAL GROUP Northeast Minnesota, 2002 - 2012



related fields will be created by expanding **retail salespersons and cashiers.**

Employment growth for management, business, and financial workers is expected to exceed overall employment growth with **business operations specialist, general and operations manager, and accountant and auditor** jobs increasing the most. The fastest growing occupations within this occupational group will be **tax preparers, computer and information systems managers, and claims adjusters, examiners, and investigators.**

Office and administrative support jobs will expand by roughly 1,200 jobs. Construction and extraction employment will be right behind with job creation projected around 1,000. **Customer service representative and general office clerk** positions are expected to be the leading job gainers in offices. **Carpenters and supervisors/managers of construction trades workers** will top job expansion at construction sites.

Transportation and material moving; installation, maintenance, and repair; and production occupations are projected to expand, but employment growth in these occupations will fall significantly below overall job growth. Roughly 60 percent of the 200 occupations

making up these three major occupational groups are projected to increase, but the other 40 percent are expected to show no change or decrease by 2012. Farming, fishing, and forestry occupations as a group are also expected to shrink.

In addition to the projected 17,500 job openings expected to be generated through employment growth between 2002 and 2012, another 37,900 replacement job openings are expected to be available to new workforce entrants and people reentering the workforce as other workers retire or leave the labor force for other reasons. There will be demand for workers for replacement openings even in occupations that are decreasing in size.

EMPLOYMENT OUTLOOK TO 2012



NORTHEAST MINNESOTA

TOP 50 OCCUPATIONS

RANK	OCCUPATION	2002 ESTIMATED EMPLOYMENT	2012 PROJECTED EMPLOYMENT	2002-2012 PERCENT CHANGE	2002-2012 NUMERIC CHANGE	2005 MEDIAN ANNUAL WAGE
JOBS REQUIRING WORK EXPERIENCE PLUS BACHELOR'S DEGREE OR HIGHER						
33	Computer and Information Systems Managers	156	207	32.7%	51	\$ 79,093
31	General and Operations Managers	1,844	2,164	17.4	320	57,473
14	Medical and Health Services Managers	297	386	30	89	58,862
JOBS REQUIRING PROFESSIONAL, MASTER'S OR BACHELOR'S DEGREE:						
13	Accountants and Auditors	996	1,217	22.2	221	44,875
32	All other counselors, social and religious workers	379	461	21.6	82	36,768
40	All other teachers, primary, secondary, and adult	470	560	19.1	90	48,507
8	Business Operations Specialists, All Other	1,757	2,196	25	439	42,080
37	Child, Family, and School Social Workers	538	638	18.6	100	48,239
20	Clinical, Counseling, and School Psychologists	198	264	33.3	66	47,498
39	Computer Software Engineers, Applications	156	205	31.4	49	61,848
50	Computer Systems Analysts	159	202	27	43	54,327
34	Educational, Vocational, and School Counselors	278	343	23.4	65	31,544
15	Medical and Public Health Social Workers	218	292	33.9	74	40,739
44	Occupational Therapists	115	155	34.8	40	53,930
26	Pharmacists	265	334	26	69	84,613
25	Physical Therapists	181	242	33.7	61	56,623
21	Physicians and Surgeons	532	647	21.6	115	146,000
16	Postsecondary Teachers	1,918	2,301	20	383	*52,690
JOBS REQUIRING AN ASSOCIATE DEGREE OR POST-SECONDARY VOCATIONAL TRAINING:						
38	Computer Specialists, All Other	224	281	25.4	57	41,138
29	Computer Support Specialists	322	398	23.6	76	37,139
49	Emergency Medical Technicians and Paramedics	322	387	20.2	65	24,818
12	Medical Records and Health Information Technicians	204	291	42.6	87	27,955
19	Police and Sheriff's Patrol Officers	560	681	21.6	121	44,299
7	Registered Nurses	3,110	3,844	23.6	734	47,066
JOBS REQUIRING LONG-TERM ON-THE-JOB TRAINING OR WORK EXPERIENCE IN A RELATED OCCUPATION:						
10	Aircraft Structure, Surfaces, Rigging, and Systems	149	242	62.4	93	*37,000
22	Claims Adjusters, Examiners, and Investigators	206	271	31.6	65	35,745
43	First-Line Super./Managers, Personal Service Workers	231	287	24.2	56	29,337
48	First-Line Super./Managers, Protective Service Workers, All Other	150	192	28	42	30,735
30	Managers, All Other	608	727	19.6	119	72,451
11	Welders, Cutters, Solderers, and Brazers	545	695	27.5	150	39,116
JOBS REQUIRING MODERATE-TERM ON-THE-JOB TRAINING:						
18	All other construction trades and related workers	211	282	33.6	71	34,127
23	Correctional Officers and Jailers	400	492	23	92	38,878
4	Customer Service Representatives	1,876	2,372	26.4	496	24,036
45	Dental Assistants	233	289	24	56	26,553
5	Medical Assistants	288	434	50.7	146	23,206
42	Paving, Surfacing, & Tamping Equipment Operators	140	183	30.7	43	31,690
28	Sales and Related Workers, All Other	491	590	20.2	99	37,919
1	Social and Human Service Assistants	1,268	2,039	60.8	771	22,677
JOBS REQUIRING SHORT-TERM ON-THE-JOB TRAINING:						
41	Amusement and Recreation Attendants	428	511	19.4	83	14,175
6	Combined Food Prep. and Serving Workers, Including Fast Food	2,914	3,620	24.2	706	13,713
46	Counter and Rental Clerks	487	576	18.3	89	15,215
2	Home Health Aides	1,978	2,989	51.1	1,011	19,806
47	Hotel, Motel, and Resort Desk Clerks	426	506	18.8	80	15,994
36	Interviewers, Except Eligibility and Loan	117	159	35.9	42	22,663
27	Landscaping and Groundskeeping Workers	622	744	19.6	122	23,297
24	Nursing Aides, Orderlies, and Attendants	2,685	3,171	18.1	486	23,055
3	Personal and Home Care Aides	819	1,241	51.5	422	20,762
17	Receptionists and Information Clerks	1,105	1,341	21.4	236	20,583
35	Retail Salespersons	4,809	5,526	14.9	717	16,978
9	Truck Drivers, Light or Delivery Services	995	1,264	27	269	26,277

These are the top 50 occupations, ranked by a combination of projected percent growth and numeric change. They are presented alphabetically by level of training required. This ranking does not account for supply of qualified workers or competition for openings, which are other important factors to consider when using these numbers. Median annual salaries are Northeast 2005 Salary Survey unless asterisked. Single asterisked salaries are 2005 state median annual salaries. More information on job availability can be found in the *MN Careers* publication, produced by the Minnesota Department of State Colleges and Universities.

REGIONAL EMPLOYMENT

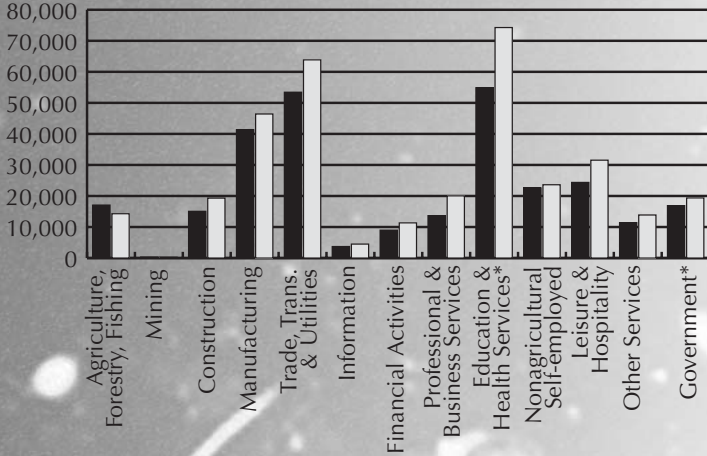
Brochures are available for each of these six regions; detailed industry and occupational projections numbers are on the Internet at www.deed.state.mn.us/lmi/proj

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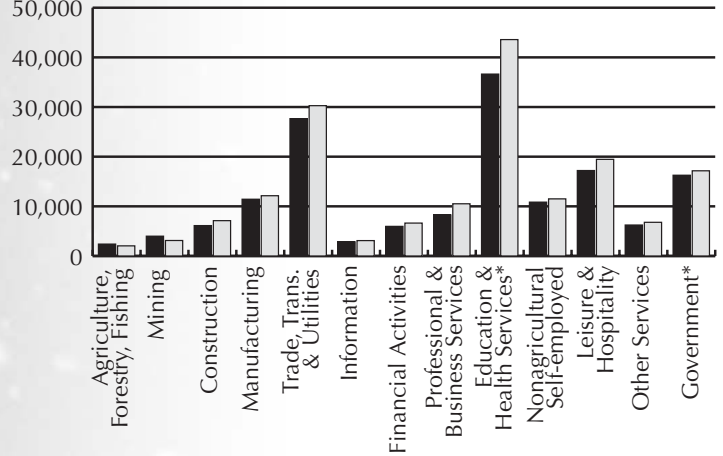
BY INDUSTRY GROUP 2002 and 2012

■ 2002 □ 2012

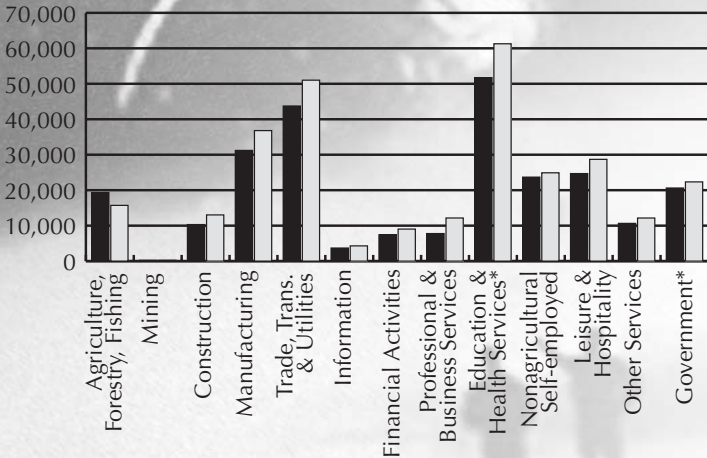
Central Minnesota



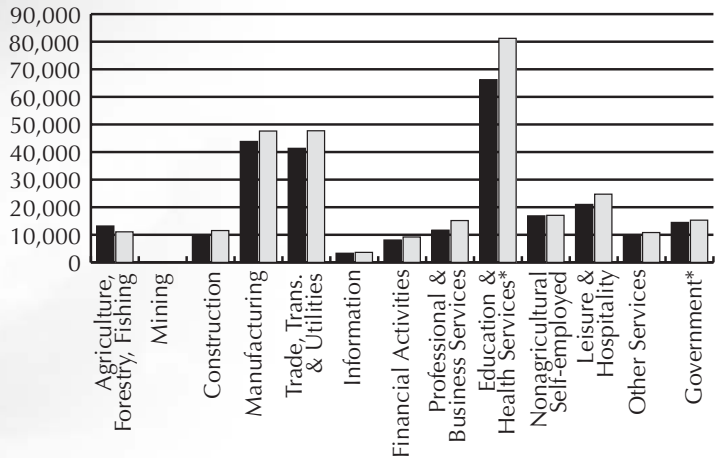
Northeast Minnesota



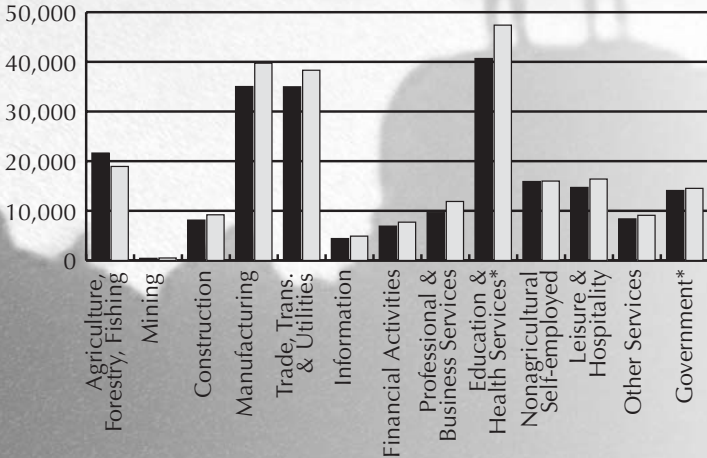
Northwest Minnesota



Southeast Minnesota



Southwest Minnesota



Twin Cities Area (7-county Minneapolis - St. Paul Area)

