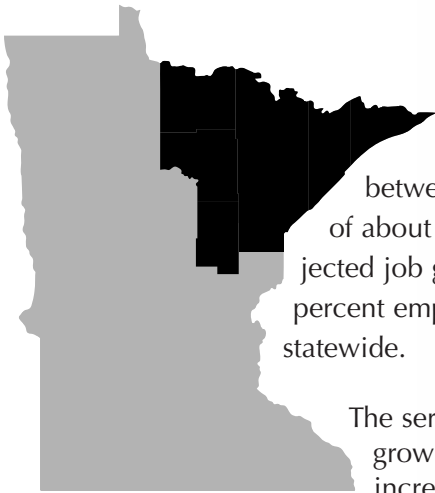


EMPLOYMENT OUTLOOK TO 2010

NORTHEAST MINNESOTA



Employment in Northeast Minnesota is projected to expand by 15,300 jobs between 2000 and 2010, an increase of about 10 percent. The region's projected job growth rate falls short of the 13 percent employment expansion expected statewide.

The services division is expected to grow the fastest of all the divisions, increasing by 20 percent over the projection period and accounting for almost three out of every four new jobs. Most of the projected services division job gain is expected to be in **health services** (4,500), **business services** (2,100) and **social services** (1,700). **Miscellaneous amusement and recreation services** and **hotel and lodging places** are also expected to see sig-

nificant job gains.

The trade division is anticipated to add the second-largest number of jobs, with job growth anticipated to be the strongest at **eating and drinking places, gasoline service stations, and department stores**. **Eating and drinking places** are expected to account for about 40 percent of the 4,900 new trade jobs created by 2010.

Construction employment is anticipated to grow faster than all other employment—with the exception of services and trade employment—over the next 10 years. Construction hiring is expected to increase at **special trade contractors** and **heavy construction** firms. Moderate employment growth is projected for the region's transportation, communications and real estate

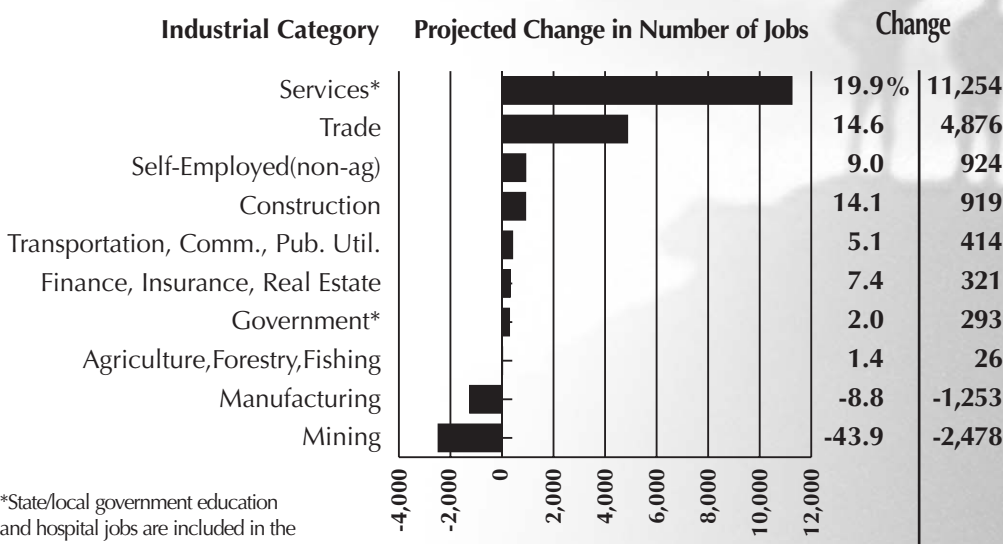
(TCPU) and finance, insurance, and real estate (FIRE) divisions.

Scheduled air transportation and trucking and courier services will add the most TCPU jobs.

Insurance agents and brokers companies and **real estate agents and managers** firms are expected to add the most FIRE jobs.

Employment growth will be small in government and in the agriculture, forestry, and fishing division. Opportunities in manufacturing are expected to be minimal because manufacturing employment is expected to decrease between 2000 and 2010. Taconite mining employment has been cut back drastically over the last few years and is not likely to rebound.

EMPLOYMENT OUTLOOK BY INDUSTRY GROUP Northeast Minnesota, 2000 - 2010



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

BY INDUSTRY

This is a summary of industry and occupational employment projections for 2000-2010. Detailed state and substate projections data are on the Internet at www.mnwf.org/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 write to:

positively Minnesota Department of Employment and Economic Development
DEED, Labor Market Information Office,
390 N. Robert Street, St. Paul, MN 55101

BY OCCUPATION

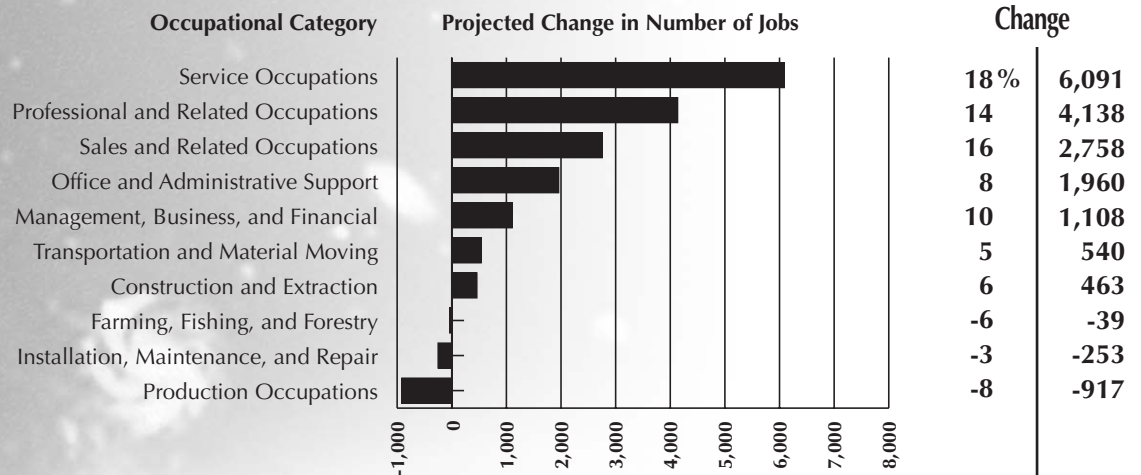
Of the 15,300 new jobs projected in Northeast Minnesota, almost 40 percent are expected to be in the fastest-growing occupational group, services. Employment in services occupations is projected to grow nearly twice as fast as total employment, increasing by 18 percent and adding 6,100 jobs. Professional and related occupations will add the second-highest number of jobs, while sales and related occupations will expand by the second-greatest amount.

Jobs in office and administrative support occupations and in management, business, and financial occupations will expand at about the same rate as overall job growth. The pace of employment growth in transportation and material moving jobs and construction and extraction jobs will lag behind overall job growth, but opportunities in these occupations will still be on the upswing.

Employment in three occupational groups is expected to drop modestly over the next 10 years. Production occupations are expected to decline by 8.0 percent as a group. Jobs in farming, fishing, and forestry are projected to decline by 6.0 percent, and installation, maintenance, and repair occupations are anticipated to slip by 3.0 percent. The region is projected to have fewer manufacturing and mining jobs in 2010 than in 2000; this translates into less employment in production occupations and in installation, maintenance, and repair occupations.

The services occupation projected to add the

EMPLOYMENT OUTLOOK BY OCCUPATIONAL GROUP Northeast Minnesota, 2000 - 2010



most employment is **combined food preparation and serving workers**, while **home care aides** are projected to be the fastest-growing of the services occupations. The professional occupation expected to add the most workers is **registered nurse**. The ranks of **computer support specialists** are projected to swell the fastest when compared to all other professional occupations. Construction companies will have strong demand for **carpenters** and **construction laborers**.

Growth in sales and related occupations will once again be paced by **cashiers** and **retail salespersons**. **General office clerk** and **customer service representative** jobs are the top occupations among office and administrative support jobs when projected employment growth is considered. The transportation-related field with the most promise is truck driving. Both **light or delivery truck drivers** and **tractor-trailer drivers** are projected to add the most jobs among transportation-related occupations.

The top management, business, and financial positions over the next 10 years are **general and operations manager** and **business operations specialist** positions. Even though production occupations and installation, maintenance,

and repair occupations are collectively anticipated to shrink, there are occupations within these groups that are projected to increase in size. Jobs for **automotive service technicians and mechanics; welders, cutters, solderers, and brazers; and bakers** are projected to increase the most.

In addition to the projected 15,300 job openings expected to be generated through employment growth between 2000 and 2010, another 56,800 replacement job openings are expected to be available to new workforce entrants and people reentering the workforce as some workers retire or leave the labor force for other reasons. For example, the number of millwrights employed in the region is projected to decline by 260 over the 10-year period. But during the same decade, roughly 250 millwright positions will open as some of the millwrights still employed retire or quit working for other reasons.

EMPLOYMENT OUTLOOK TO 2010



NORTHEAST MINNESOTA

TOP 50 OCCUPATIONS

RANK	OCCUPATION	2000 ESTIMATED EMPLOYMENT	2010 PROJECTED EMPLOYMENT	2000-2010 PERCENT CHANGE	2000-2010 NUMERIC CHANGE	2003 MEDIAN ANNUAL WAGE
JOBS REQUIRING A PROFESSIONAL, MASTER'S OR BACHELOR'S DEGREE:						
32	Computer and Information Systems Managers	107	158	47.7	51	\$77,875
18	Medical and Health Services Managers	239	322	34.7	83	60,029
JOBS REQUIRING A PROFESSIONAL, MASTER'S OR BACHELOR'S DEGREE:						
40	All Other Business Operations Specialists	1,443	1,664	15.3	221	41,662
14	All Other Counselors, Social and Religious Workers	619	804	29.9	185	38,584
23	Computer Programmers	175	237	35.4	62	35,152
11	Computer Software Engineers, Applications	144	238	65.3	94	61,152
24	Computer Systems Analysts	186	249	33.9	63	53,810
42	Insurance Sales Agents	695	811	16.7	116	43,451
48	Medical and Public Health Social Workers	187	237	26.7	50	36,192
43	Pharmacists	348	419	20.4	71	78,790
46	Physical Therapists	131	174	32.8	43	54,142
30	Public Relations Specialists	188	249	32.4	61	41,496
31	Recreation Workers	514	623	21.2	109	17,992
JOBS REQUIRING AN ASSOCIATE DEGREE OR POST-SECONDARY VOCATIONAL TRAINING:						
27	All Other Computer Specialists	143	198	38.5	55	42,598
6	Computer Support Specialists	197	340	72.6	143	34,819
12	Fitness Trainers and Aerobics Instructors	379	511	34.8	132	22,963
4	Home Health Aides	1,553	2,130	37.2	577	18,886
20	Licensed Practical and Licensed Vocational Nurses	1,492	1,789	19.9	297	31,699
19	Medical Records and Health Information Technicians	163	234	43.6	71	27,352
45	Medical Transcriptionists	154	200	29.9	46	28,018
7	Registered Nurses	3,317	4,177	25.9	860	45,386
28	Surgical Technologists	102	154	51.0	52	37,170
JOBS REQUIRING LONG-TERM ON-THE-JOB TRAINING OR WORK EXPERIENCE ON A RELATED OCCUPATION:						
38	First-Line Supervisors/Managers of Retail Sales Work	2,047	2,338	14.2	291	27,102
34	Restaurant Cooks	865	1,022	18.2	157	17,680
JOBS REQUIRING MODERATE-TERM ON-THE-JOB TRAINING:						
35	All Other Sales and Related Workers	392	476	21.4	84	28,101
29	Correctional Officers and Jailers	371	458	23.5	87	36,442
1	Customer Service Representatives	1,457	2,132	46.3	675	22,360
25	Pharmacy Technicians	269	345	28.3	76	22,194
2	Social and Human Service Assistants	1,199	1,762	47.0	563	20,176
JOBS REQUIRING SHORT-TERM ON-THE-JOB TRAINING:						
16	Amusement and Recreation Attendants	637	825	29.5	188	14,226
49	Bartenders	995	1,145	15.1	150	15,642
22	Billing and Posting Clerks and Machine Operators	705	856	21.4	151	24,939
33	Cashiers	4,839	5,579	15.3	740	15,038
39	Child Care Workers	1,903	2,180	14.6	277	*16,806
44	Cleaners of Vehicles and Equipment	321	387	20.6	66	15,808
5	Combined Food Preparation and Serving Workers, Including Fast Food	3,960	5,207	31.5	1,247	13,624
41	Dental Assistants	242	299	23.6	57	26,416
17	Driver/Sales Workers	282	379	34.4	97	16,744
10	Hand Packers and Packagers	526	706	34.2	180	14,664
15	Hotel, Motel, and Resort Desk Clerks	329	438	33.1	109	15,413
9	Landscaping and Groundskeeping Workers	781	1,031	32.0	250	20,072
21	Maids and Housekeeping Cleaners	1,894	2,241	18.3	347	15,413
8	Medical Assistants	235	372	58.3	137	21,798
13	Nursing Aides, Orderlies, and Attendants	2,440	2,998	22.9	558	23,067
3	Personal and Home Care Aides	635	1,042	64.1	407	18,720
36	Postal Service Mail Carriers	388	468	20.6	80	40,414
26	Receptionists and Information Clerks	1,086	1,293	19.1	207	19,947
37	Service Station Attendants	192	246	28.1	54	17,555
47	Truck Drivers, Light or Delivery Services	1,424	1,622	13.9	198	18,866
50	Waiters and Waitresses	2,213	2,496	12.8	283	13,000

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 Planning Region 2003 Salary Survey unless asterisked. Single asterisked salaries are 2003 median annual salaries. More information on job availability can be found in the *Minnesota Careers* publication, also produced by the Minnesota Department of Employment and Economic Development.

REGIONAL EMPLOYMENT

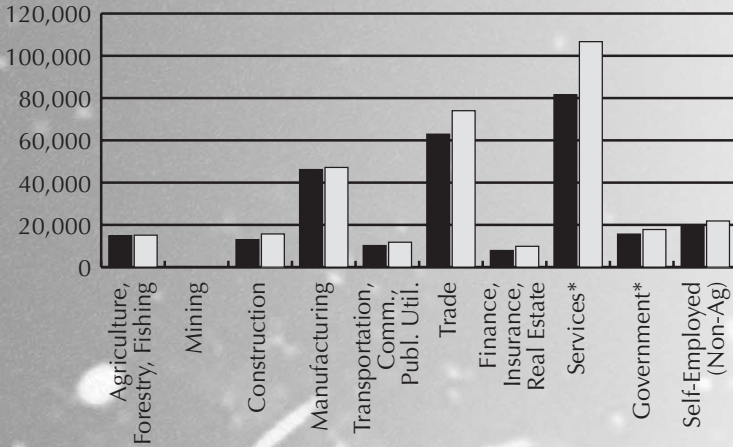
Brochures are available for each of these six regions; detailed industry and occupational projections numbers are on the Internet at www.mnwf.org/lmi/proj

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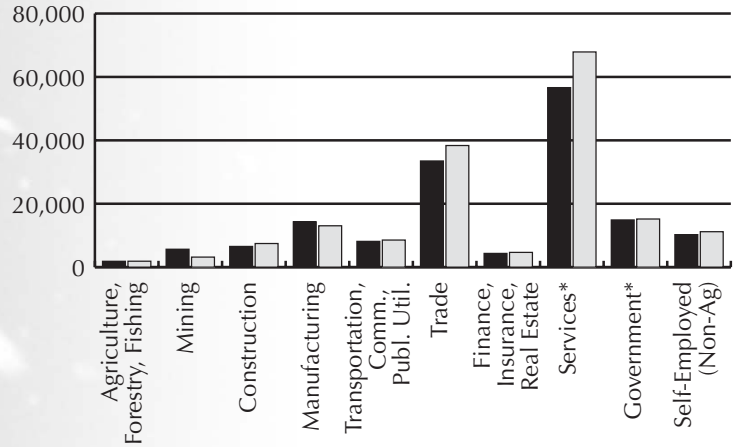
BY INDUSTRY GROUP 2000 and 2010

■ 2000 □ 2010

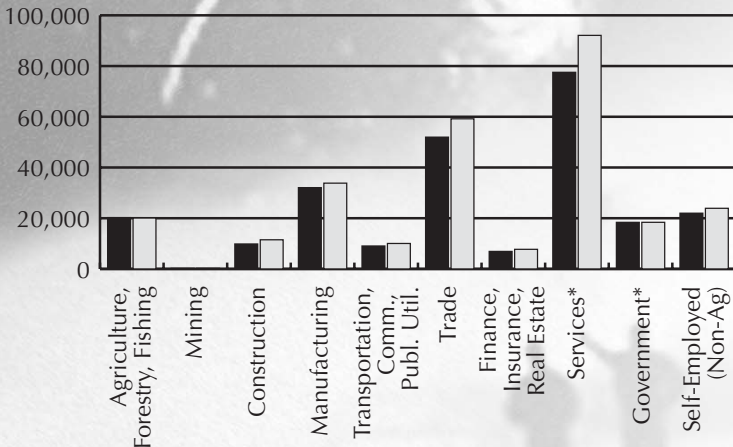
Central Minnesota



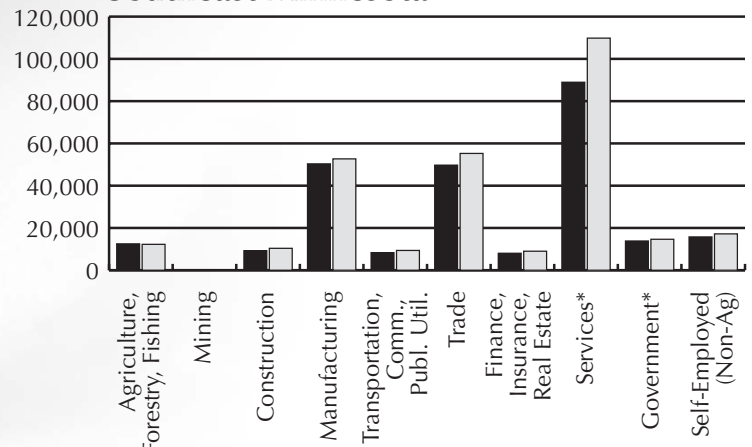
Northeast Minnesota



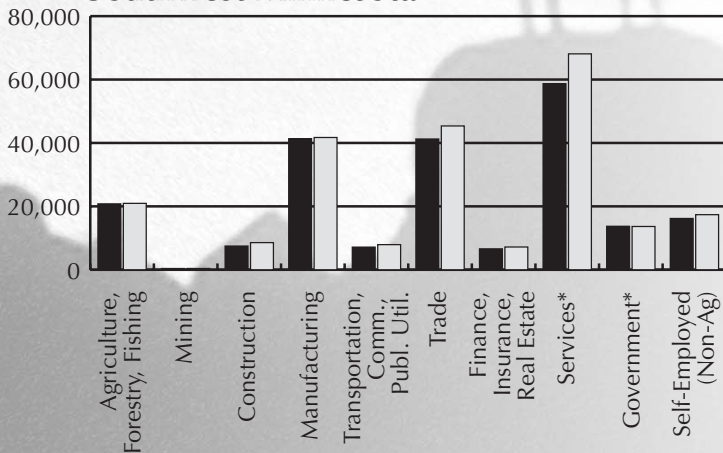
Northwest Minnesota



Southeast Minnesota



Southwest Minnesota



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

