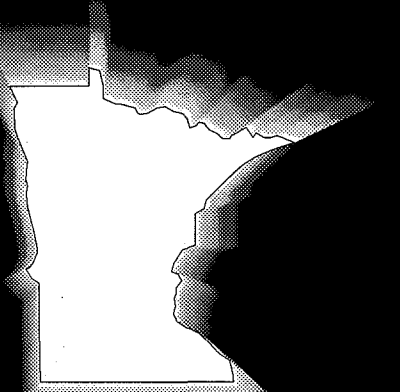


MINNESOTA

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JOB OUTLOOK TO 2010

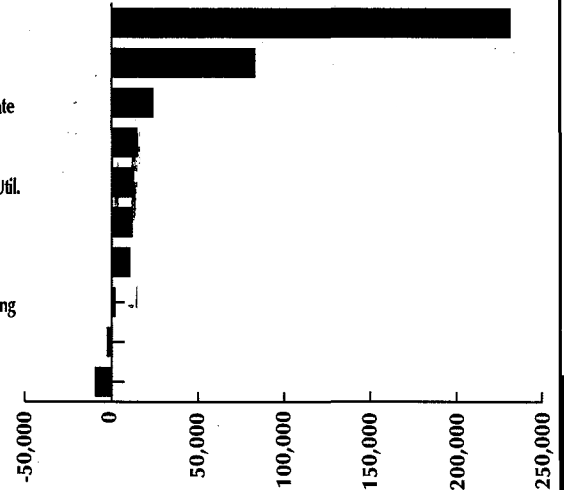
This is a summary of industry and occupational employment projections for 2000-2010 done by the Minnesota Department of Employment and Economic Development Labor Market Information Office. Detailed state and substate projections data are on the Internet at www.mnwfc.org/lmi/proj/index.htm. To order brochures, please specify the area and report you want and fax your name, address and phone number to (651) 282-5429 or write to:

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

EMPLOYMENT OUTLOOK BY INDUSTRY DIVISION Minnesota, 2000 - 2010

2000 - 2010 Percent Change	2000 - 2010 Numeric Change	Industrial Division
24%	231,677	Services
13	83,008	Trade
15	24,025	Finance, Insurance, Real Estate
12	14,666	Construction
9	12,754	Transportation, Comm., Pub. Util.
7	12,020	Self-Employed (non-ag)
6	10,492	Government
3	2,152	Agriculture, Forestry and Fishing
-34	-2,485	Mining
-2	-9,308	Manufacturing

Projected Change in Number of Jobs



The total number of jobs in Minnesota is projected to increase to 3.2 million by

2010, growing by 379,000 jobs between 2000 and 2010. The projected 13.2 percent growth in jobs over the 10-year period is down substantially from the 23 percent job growth experienced during the previous 10 years when employment expanded by 540,000 jobs (from 1990 to 2000). The services division, the state's largest in terms of employees, is expected to continue to drive job growth by adding 232,000 jobs, or roughly 60 percent of all job growth. Job growth in the services division will be concentrated in **business services, health services, social services, education services, and engineering and management services** industries.

The trade division is expected to add the second-largest number of jobs, 83,000, with a large share of the new jobs continuing to be created at **eating and drinking places**. Finance, insurance and real estate (FIRE) is projected to create 24,000 jobs, with employment gains spread across **real estate, insurance carriers, banking institutions, security and commodity brokers, and nondepository financial institutions**. Construction employment is expected to increase by over 14,000 jobs with most of the growth created by **special trade contractor** firms. The transportation, communications and public utilities (TCPU) division will

BY INDUSTRY

add almost 13,000 jobs during the next 10 years with most of the growth occurring in the

trucking and warehousing and air transportation industries.

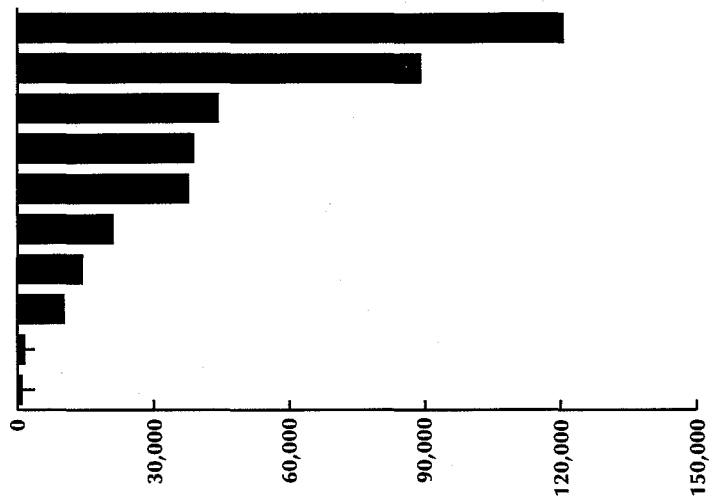
Government jobs—excluding public sector jobs in education or hospitals—will expand by 10,500. The majority of new government jobs will be in local government. Self-employment outside of agriculture is projected to increase by 12,000 jobs by 2010. Agriculture employment, which has historically been a declining industry in terms of job opportunities, is projected to increase slightly in the coming decade—adding 2,100 jobs.

Manufacturing in Minnesota is projected to recover only partially from the dramatic slump that started in 2000. Deep job losses are expected to be permanent in the **computer and office equipment, electronic and electrical equipment, measuring and controlling devices, and paper and applied products** industries. Some of the employment decline will be offset by job growth in the **medical instruments and supplies, lumber and wood, and stone, clay and glass** industries. The number of workers employed in manufacturing is projected to drop by 9,300 between 2000 and 2010.

Employment in mining, after having stabilized for much of the 1990s, will shrink by 34 percent between 2000 and 2010 as Iron Range jobs are cut.

EMPLOYMENT OUTLOOK BY OCCUPATIONAL DIVISION Minnesota, 2000 - 2010

2000 - 2010 Percent Change	2000 - 2010 Numeric Change	Occupational Category
22%	120,733	Professional and Related Occupations
18	89,093	Services Occupations
13	44,383	Sales and Related Occupations
8	38,879	Office and Administrative Support
12	37,661	Management, Business, and Financial
11	21,055	Transportation and Material Moving
12	14,297	Construction and Extraction
9	10,228	Installation, Maintenance, and Repair
1	1,651	Production Occupations
5	1,020	Farming, Fishing, and Forestry



The 2000-2010 occupational employment projections are the first round of biennial projections released using the new Standard Occupational Classification (SOC) system, which provides a more detailed and up-to-date picture of tomorrow's occupations. All 10 major SOC occupational groups are projected to add jobs over the next decade, but employment growth will vary widely across major groups and within major groups.

Production occupations, which are found predominantly in manufacturing, are projected to barely increase (1,700 new jobs) due to the expected decline in manufacturing employment. However, job opportunities won't be bad for all production workers—employment is anticipated to increase for 60 production occupations while it shrinks in 50 other production occupations. Farming, fishing, and forestry occupations are also expected to grow slowly during the next 10 years, increasing by just 1,000 jobs.

Professional and related occupations, now the state's largest

BY OCCUPATION

major occupational group, are expected to continue to grow the fastest and add the most jobs (120,700 jobs). Information technology (IT) occupations are still expected to be among the leaders within this group once the economy fully recovers from the 2001 recession. IT workers are or soon will be employed in virtually every industry, and demand is expected to be strong for those with the right skills.

Services-related occupations are also expected to increase faster than overall job growth as Minnesotans continue to spend a higher proportion of their income on services such as dining out, healthcare, and recreation. An additional 90,000 workers are expected to be employed in services jobs by 2010. Sales and related jobs are projected to grow at about the same rate as overall job growth but will add the third-highest number of new jobs, 44,400. Office and administrative support occupations, which are spread across most industries, will grow by only 8.0 percent

but will still add 38,900 workers.

Management, business and financial occupations, the highest-paying group of occupations, are expected to grow at about the same rate as overall employment, adding roughly 37,700 workers. Transportation and material moving jobs and construction and extraction employment are also expected to keep pace with average job growth, adding 21,100 and 14,300 employees, respectively, over the next 10 years. Employment growth for installation, maintenance and repair occupations (10,200 jobs) is expected to lag overall job growth slightly.

In addition to the 379,000 job openings projected to result from employment growth between 2000 and 2010 and due primarily to the retirement of older workers, another 672,000 job openings are projected to be available to new workforce entrants and reentrants. Half of these projected job openings for new workforce entrants and reentrants are expected to require at least post-secondary education and training.

MINNESOTA TOP 100 OCCUPATIONS

Below are the top 100 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 wages are state wages from the 2003 Salary Survey.

RANK	OCCUPATION	2000 ESTIMATED EMPLOYMENT	2010 PROJECTED EMPLOYMENT	2000-2010 PERCENT CHANGE	2000-2010 NUMERIC CHANGE	2003 MEDIAN ANNUAL WAGE
JOBS REQUIRING WORK EXPERIENCE PLUS BACHELOR'S OR HIGHER DEGREE:						
10	Computer and Information Systems Managers	6,682	9,643	44.3%	2,961	\$92,914
53	Financial Managers	9,484	11,334	19.5	1,850	85,700
17	Management Analysts	9,347	12,142	29.9	2,795	67,566
70	Marketing Managers	3,886	4,708	21.2	822	94,294
30	Medical and Health Services Managers	4,386	5,628	28.3	1,242	63,610
87	Public Relations Managers	1,216	1,586	30.4	370	66,349
25	Sales Managers	6,744	8,610	27.7	1,866	88,847
JOBS REQUIRING A PROFESSIONAL, MASTER'S OR BACHELOR'S DEGREE:						
59	Accountants and Auditors	23,310	27,293	17.1	3,983	49,218
45	All Other Business Operations Specialists	34,806	40,963	17.7	6,157	45,388
49	All Other Counselors, Social, and Religious Workers	6,888	8,305	20.6	1,417	32,339
37	All Other Financial Specialists	5,525	6,914	25.1	1,389	48,167
100	All Other Health Diagnosing and Treating Practitioners	3,619	4,332	19.7	713	43,033
61	All Other Teachers, Primary, Secondary, and Adult	8,575	10,229	19.3	1,654	30,927
38	Child, Family, and School Social Workers	6,524	8,102	24.2	1,578	36,098
2	Computer Software Engineers, Applications	11,061	19,736	78.4	8,675	68,369
6	Computer Systems Analysts	9,637	14,488	50.3	4,851	62,247
19	Database Administrators	2,240	3,433	53.3	1,193	57,112
60	Educational, Vocational, and School Counselors	2,670	3,363	26.0	693	35,924
77	Financial Analysts	3,148	3,843	22.1	695	60,568
47	Graphic Designers	3,619	4,486	24.0	867	37,473
90	Lawyers	12,399	14,366	15.9	1,967	73,859
83	Medical and Public Health Social Workers	2,640	3,258	23.4	618	35,964
99	Mental Health and Substance Abuse Social Workers	1,155	1,492	29.2	337	37,886
5	Network and Computer Systems Administrators	4,939	8,648	75.1	3,709	53,515
11	Network Systems and Data Communications Analysts	3,554	5,952	67.5	2,398	54,731
55	Occupational Therapists	1,822	2,395	31.4	573	47,699
84	Personal Financial Advisors	785	1,106	40.9	321	56,925
76	Pharmacists	4,132	4,980	20.5	848	76,903
34	Physical Therapists	2,507	3,343	33.3	836	54,487
56	Physician Assistants	919	1,364	48.4	445	68,622
26	Public Relations Specialists	4,442	5,824	31.1	1,382	44,177
51	Securities, Commodities, and Financial Services Sales Agents	6,399	7,723	20.7	1,324	76,129
21	Special Education Teachers, Preschool, Kindergarten, and Elementary School	5,021	6,651	32.5	1,630	43,638
46	Speech-Language Pathologists	1,761	2,373	34.8	612	46,801
62	Veterinarians	1,362	1,869	37.2	507	67,138
JOBS REQUIRING AN ASSOCIATE DEGREE OR POST-SECONDARY VOCATIONAL TRAINING:						
4	All Other Computer Specialists	9,433	14,556	54.3	5,123	62,673
95	All Other Healthcare Practitioners and Technical Workers	3,460	4,160	20.2	700	37,537
80	Automotive Service Technicians and Mechanics	14,035	16,397	16.8	2,362	31,580
1	Computer Support Specialists	13,287	25,318	90.5	12,031	39,800
32	Dental Hygienists	4,156	5,346	28.6	1,190	58,595
28	Desktop Publishers	1,303	2,107	61.7	804	35,235
39	Emergency Medical Technicians and Paramedics	3,855	4,880	26.6	1,025	24,912
23	Fitness Trainers and Aerobics Instructors	3,287	4,520	37.5	1,233	21,982
29	Gaming Dealers	2,348	3,274	39.4	926	25,449
78	Medical and Clinical Laboratory Technicians	3,458	4,196	21.3	738	33,192
16	Medical Records and Health Information Technicians	2,982	4,495	50.7	1,513	25,207
50	Medical Transcriptionists	2,482	3,175	27.9	693	29,021
96	Paralegals and Legal Assistants	3,612	4,336	20.0	724	40,700
69	Physical Therapist Assistants	925	1,305	41.1	380	33,853
72	Police and Sheriff's Patrol Officers	6,511	7,752	19.1	1,241	44,077

MINNESOTA TOP 100 OCCUPATIONS *continued*

RANK	OCCUPATION	2000 ESTIMATED EMPLOYMENT	2010 PROJECTED EMPLOYMENT	2000-2010 PERCENT CHANGE	2000-2010 NUMERIC CHANGE	2003 MEDIAN ANNUAL WAGE
JOBS REQUIRING AN ASSOCIATE DEGREE OR POST-SECONDARY VOCATIONAL TRAINING (continued):						
67	Radiologic Technologists and Technicians	2,717	3,393	24.9%	676	\$40,366
20	Registered Nurses	48,616	59,599	22.6	10,983	50,848
97	Respiratory Therapists	1,031	1,362	32.1	331	44,615
92	Respiratory Therapy Technicians	967	1,292	33.6	325	32,546
88	Surgical Technologists	1,391	1,786	28.4	395	37,179
65	Veterinary Technologists and Technicians	1,112	1,551	39.5	439	25,282
JOBS REQUIRING LONG-TERM ON-THE-JOB TRAINING OR WORK EXPERIENCE IN A RELATED OCCUPATION:						
82	All Other Construction Trades and Related Workers	1,562	2,009	28.6	447	35,689
93	First-Line Supervisors/Managers of Mechanics, Installers, and Repairers	10,694	12,410	16.0	1,716	47,795
68	First-Line Supervisors/Managers of Personal Service Workers	3,984	4,830	21.2	846	29,346
91	First-Line Supervisors/Managers of Retail Sales Workers	34,281	39,014	13.8	4,733	30,489
35	Restaurant Cooks	14,912	18,080	21.2	3,168	20,698
75	Self-Enrichment Education Teachers	3,013	3,696	22.7	683	30,509
24	Telecommunications Line Installers and Repairers	3,231	4,423	36.9	1,192	33,942
JOBS REQUIRING MODERATE-TERM ON-THE-JOB TRAINING:						
63	All Other Personal Care and Service Workers	3,452	4,247	23.0	795	19,523
18	All Other Sales and Related Workers	21,057	26,610	26.4	5,553	37,473
58	Correctional Officers and Jailers	4,599	5,585	21.4	986	36,543
12	Customer Service Representatives	38,136	49,199	29.0	11,063	27,761
31	Dental Assistants	4,104	5,283	28.7	1,179	32,884
13	Medical Assistants	4,832	7,239	49.8	2,407	27,067
41	Merchandise Displayers and Window Trimmers	2,663	3,443	29.3	780	22,293
15	Pharmacy Technicians	5,590	7,621	36.3	2,031	27,360
54	Sheet Metal Workers	4,787	5,811	21.4	1,024	45,488
7	Social and Human Service Assistants	10,569	15,260	44.4	4,691	25,643
89	Truck Drivers, Heavy and Tractor-Trailer	33,592	38,320	14.1	4,728	36,550
JOBS REQUIRING SHORT-TERM ON-THE-JOB TRAINING:						
98	All Other Building and Grounds Cleaning and Maintenance Workers	3,347	4,031	20.4	684	21,940
79	All Other Healthcare Support Workers	3,350	4,067	21.4	717	24,675
86	All Other Protective Service Workers	5,574	6,586	18.2	1,012	22,655
27	Amusement and Recreation Attendants	10,497	13,104	24.8	2,607	16,689
33	Bill and Account Collectors	6,251	7,862	25.8	1,611	29,785
64	Cashiers	64,778	75,082	15.9	10,304	16,602
9	Combined Food Preparation and Serving Workers, Including Fast Food	38,510	50,362	30.8	11,852	15,128
81	Counter and Rental Clerks	8,846	10,377	17.3	1,531	16,089
43	Gaming Change Persons and Booth Cashiers	1,570	2,206	40.5	636	19,795
74	General Office Clerks	76,930	88,466	15.0	11,536	24,337
48	Hand Packers and Packers	15,915	18,820	18.3	2,905	18,581
8	Home Health Aides	19,386	26,128	34.8	6,742	20,766
40	Hotel, Motel, and Resort Desk Clerks	3,473	4,411	27.0	938	17,620
44	Interviewers, Except Eligibility and Loan	2,769	3,561	28.6	792	23,743
22	Landscaping and Groundskeeping Workers	12,772	16,035	25.5	3,263	23,039
57	Nursing Aides, Orderlies, and Attendants	31,663	36,984	16.8	5,321	23,158
85	Parking Lot Attendants	1,393	1,794	28.8	401	18,719
3	Personal and Home Care Aides	12,335	18,583	50.7	6,248	20,023
36	Receptionists and Information Clerks	22,760	27,443	20.6	4,683	23,278
73	Retail Salespersons	85,662	98,366	14.8	12,704	18,272
14	Security Guards	14,216	18,902	33.0	4,686	22,515
66	Taxi Drivers and Chauffeurs	2,793	3,484	24.7	691	20,097
42	Teacher Assistants	27,312	32,395	18.6	5,083	22,020
94	Truck Drivers, Light or Delivery Services	22,924	26,211	14.3	3,287	26,822
71	Veterinary Assistants and Laboratory Animal Caretakers	1,198	1,616	34.9	418	19,671
52	Waiters and Waitresses	43,112	50,379	16.9	7,267	13,642