

2009 BEST PAYING INDUSTRIES

INDUSTRY	ANNUAL AVERAGE WAGE	ANNUAL JOB GROWTH	2018 PROJECTED EMPLOYMENT
Utilities	\$77K	-32	3,681
Mining	\$73K	162	9,249
Mgmt. of Companies & Enterprises	\$60K	12	5,703
Wholesale Trade	\$49K	309	21,836
Information	\$48K	57	7,730
Professional & Technical Services	\$47K	-479	15,324
Construction	\$45K	-24	24,048

2009 ANNUAL JOB GROWTH

INDUSTRY	ANNUAL AVERAGE WAGE	ANNUAL JOB GROWTH	2018 PROJECTED EMPLOYMENT
Government	\$37K	1,499	37,065
Healthcare & Social Assist.	\$38K	1,033	56,981
Accommodation & Food Services	\$12K	396	33,747
Wholesale Trade	\$49K	309	21,836
Ag., Forestry, Fishing & Hunting	\$35K	205	32,421
Transportation & Warehousing	\$40K	195	15,206
Mining	\$73K	162	9,249

2018 TOP EMPLOYING INDUSTRIES

INDUSTRY	ANNUAL AVERAGE WAGE	ANNUAL JOB GROWTH	2018 PROJECTED EMPLOYMENT
Healthcare & Social Assist.	\$38K	1,033	56,981
Retail Trade	\$23K	-363	45,379
Edu. Services	\$28K	73	39,060
Government	\$37K	1,499	37,065
Accommodation & Food Services	\$12K	396	33,747
Ag., Forestry, Fishing & Hunting	\$35K	205	32,421
Manufacturing	\$42K	-2,813	27,037

TRAINING PROVIDER RESOURCES

ND Eligible Training Providers	jobsnd.com
ND Dept. of Public Instruction	dpi.state.nd.us
ND University System	ndus.edu
ND Internship Program	teamnd.org
ND Career & Technical Edu.	www.nd.gov/cte/

CAREER PLANNING ASSISTANCE

Job Service North Dakota	jobsnd.com
ND Career & Technical Edu.	www.nd.gov/cte/
O*NET OnLine	online.onetcenter.org
States' Career Clusters	careerclusters.org
Today's Military	todaysmilitary.com
U.S. Department of Education	ed.gov
America's Career InfoNet	acinet.org

SEARCH FOR OCCUPATIONS

Job Service North Dakota	jobsnd.com
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JSND CONTACT INFORMATION

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FAX

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jobsnd.com

2010 EDITION

Job Service can help you with your skill and training needs. Find the Job Service office near you and get started today!

Job Service North Dakota is an equal opportunity employer/program provider. Auxiliary aids and services are available upon request to individuals with disabilities.



Computations are based on the o*net 12 database.



OCCUPATIONAL PROFILES

INFORMATION TECHNOLOGY GROUP SUMMARY

The jobs in this group have been among the state's fastest growing occupational group year after year. Education is needed for most of the jobs in this group and for the top paying occupations it is a must. The technology field changes constantly so you have to be able learn on the job or through continued education. Each year technology expands into new areas. Farms, oil fields and other work environments are tracked, managed, and enhanced by technological innovations.

FAST GROWING JOBS IN INFORMATION TECHNOLOGY

JOB TITLE	ENTRY TO TYPICAL ANNUAL SALARY	2008-2018 PERCENT GROWTH	2018 PROJECTED EMPLOYMENT
Network Analysts	\$40-\$55K	49.52%	465
Computer Software Engineers	\$45-\$60K	29.48%	874
Comp. Sys. Analysts	\$43-\$60K	21.74%	1,075
Network/Computer Systems Admin.	\$39-\$49K	20.17%	566
Computer/Info. Systems Managers	\$54-\$75K	19.30%	581
Comp. Support Spec.	\$24-\$33K	17.56%	1,781

OCCUPATIONAL GROUP COMPARISON

OCCUPATIONAL GROUP	ENTRY TO TYPICAL ANNUAL SALARY	2008-2010 TOTAL OPENINGS
Architecture & Construction	\$28-\$38K	8,165
Arts, A/V Technology & Comm.	\$23-\$32K	2,485
Business Mgmt., Admin. & Finance	\$26-\$36K	24,579
Education & Training	\$29-\$40K	7,502
Healthcare & Human Services	\$29-\$35K	16,206
Information Technology	\$36-\$49K	2,258
Law, Public Safety, Corrections & Security	\$29-\$39K	2,746
Manufacturing	\$25-\$33K	7,724
Marketing, Sales, Service, Tourism	\$18-\$23K	39,893
Natural Resources & Mining	\$33-\$43K	9,333
Science, Engineering & Math	\$42-\$59K	2,066
Transportation, Distrib. & Logistics	\$25-\$35K	11,528

COMPUTER/INFO. SYSTEMS MGRS.

2009 Entry to Typical Annual Salary	\$54-\$75K
Training Requirements	 ⌚
2008-2018 Total Openings	173
Current Employment	487
2018 Projected Employment	581

DESCRIPTION:

Plan, direct, or coordinate activities in such fields as electronic data processing, information systems, systems analysis, and computer programming.

COMPUTER SOFTWARE ENGINEER

2009 Entry to Typical Annual Salary	\$45-\$60K
Training Requirements	
2008-2018 Total Openings	256
Current Employment	675
2018 Projected Employment	874

DESCRIPTION:

Develop, create, and modify general computer applications software or specialized utility programs. Analyze user needs and develop software solutions. Design software or customize software for client use with the aim of optimizing operational efficiency.

COMPUTER SYSTEMS ANALYSTS

2009 Entry to Typical Annual Salary	\$43-\$60K
Training Requirements	
2008-2018 Total Openings	382
Current Employment	883
2018 Projected Employment	1,075

DESCRIPTION:

Analyze science, engineering, business, and other data processing problems for application to electronic data processing systems. Analyze user requirements, procedures, and problems to automate/improve existing systems and review computer system capabilities.

TRAINING REQUIREMENTS LEGEND

-  Professional Degree: 7-8 years of college
-  Doctorate Degree: 7-8 years of college
-  Master's Degree: 5-6 years of college
-  Bachelor's Degree: 4-5 years of college

COMPUTER SUPPORT SPECIALISTS

2009 Entry to Typical Annual Salary	\$24-\$33K
Training Requirements	
2008-2018 Total Openings	685
Current Employment	1,515
2018 Projected Employment	1,781

DESCRIPTION:

Provide technical assistance to computer system users. Answer questions or resolve computer problems for clients in person, via telephone or from remote location.

NETWORK/COMPUTER SYS. ADMIN.

2009 Entry to Typical Annual Salary	\$39-\$49K
Training Requirements	
2008-2018 Total Openings	174
Current Employment	471
2018 Projected Employment	566

DESCRIPTION:

Install, configure, and support an organization's local area network (LAN), wide area network (WAN), and Internet system or a segment of a network system. Maintain network hardware and software. Monitor and maintain network to ensure network availability.

COMPUTER PROGRAMMERS

2009 Entry to Typical Annual Salary	\$34-\$48K
Training Requirements	
2008-2018 Total Openings	102
Current Employment	540
2018 Projected Employment	483

DESCRIPTION:

Convert project specifications and statements of problems and procedures to detailed logical flow charts for coding into computer language. Develop and write computer programs to store, locate, and retrieve specific documents, data, and information.

-  Associate's Degree: 2 years of college
-  Vocational Training: 2 weeks to 1 year of college
-  Job Training: 1-60 months of informal training
-  Work Experience: Experience in a related position