

Annual Employment REPORT 2000



Division of Student Affairs
NORTH DAKOTA STATE UNIVERSITY

Companies That Employed NDSU Graduates

Abbott Northwestern Hospital
Aldevron
Allen Medical
Alliance of Architects & Engineers
Altru Health System
Amity Technology
Andersen Consulting
Anderson Window Corp.
Apple Valley School District
Applied Engineering
APW McLean
Archer Daniels Midland
Arthur Andersen LLP
Badlands Headstart
Bailey Nurseries
Ban-Koe Systems
Barnard Construction Co.
BDH & Young, Inc.
Be At Home
Bemis Co.
Bergseth Brothers
Bernardin Lochmueller & Assoc.
Betker & Assoc.
Bi-County CAP Headstart
Black & Veatch
Black Hawk Middle School
Black Hills Power and Light
Bobcat/Ingersoll-Rand
Boeing Co., The
Bonestroo, Rosene, Anderlik & Assoc.
Border States Electric Supply
Borg Pioneer Memorial Home
Bor-Son Construction
Bossardt Corp.
Braun Intertec Corp.
Breckenridge, City of
Bruce Hella Architectural
BRW, Inc.
Cannon Technologies
Cannon Veterinary Services
Cargill
Case Corp.
Case IH Concord
Cass County Electric Cooperative
Cass County Historical Society
Cass County Sheriff Department
Caterpillar Tractor Co.
Cellular One
Cenex Harvest States
Cenex Land O'Lakes
Cessna Aircraft Co.
Charles Schwab & Co., Inc.
Clarica
CoEv, Inc.
Community First Bankshares
Community First National Bank
Community First Service Corp.
Community Violence Intervention Center
Computer Network Technology
Concrete, Inc.
Congressman Earl Pomeroy
Consolidated Telcom
Construction Engineers, Ltd.
Corning, Inc.
Critical Path, Inc.
Crookston Valley Cooperatives, Inc.
Crow Goebel Veterinary Clinic
Cummings Keegan & Co.
Cybercrop.com
D & M Industries
Dakota Boys Ranch Youth Home
Dakota Gasification Co.
Dakota Growers Pasta Co.
Dakota Heartland Health System
Decision Systems
Deere & Co.
Dell Computer Corp.
Deloitte & Touche
Devils Lake Daily Journal
Digi-Key Corp.
Douglas County Hospital
Drayton Foods LLC
Earth Tech of MN, Inc.
Eide Bailly LLP
Ellerbe Becket
Eventide Nursing Home
Fairview University Medical Center
Faithful & Gould
Fargo Assembly Co.
Fargo Automation
Fargo Freightliner
Fargo Public School District
Fargo, City of
Farm Credit Services
Farm Power, Inc.
Farmers Insurance Group
Financial Business Systems
Finley Hospital
First International Bank & Trust
Flasher Public School District
Flint Communications, Inc.
Fort Berthold Community College
Fortis Companies
Foster Klima & Co.
Frazee Care Center
Gate City Federal Savings Bank
GE Industrial Systems
General Mills
Genex CRI
Georgia Pacific Corp.
Gold Mine Software Corp.
Graco, Inc.
Grant Thornton
Great Lakes Hybrids
Great Plains
Great Plains Zoo
Gremada Industries
Griggs County Hospital
Gross-Given Manufacturing Co.
Guidant/Cardiac Pacemakers
Gull Harbor
Hammel Green & Abrahamson
Hanna's Inc.
Head Start - SENDCAA
Hennepin County Medical Center
Hormel Foods Corp.
Houston Engineering
Howard R. Green Co.
IBM Corp.
Idaho Department of Transportation
Illinois Office of the Auditor General
Industrial Builders

Innovis Health Center
Inside 515
Integrity Windows & Doors
Interstate Payco Seed Co.
JTH Lighting Alliance
Jamestown, City of
Jennie-O Foods
Johnson & Co. Ltd.
KVLV TV 11
Kadmas, Lee & Jackson, PC
Kane & Johnson Architects, Inc.
Kansas Department of Transportation
KFGO
Kiewit Western Co.
Kinder Care Learning Center
Koch Hazzard Baltzer Ltd.
Krech O'Brien Mueller & Sass
L & M Associates
Lake Region Veterinary Center Ltd.
Lapierre & Co.
Larson Allen Weishair & Co. LLP
Lisbon Medical Center
Lockheed Martin
LS Engineers
LSS Data Systems
Lund Boat Co.
Lundell Manufacturing Corp.
Luther Hall
Lutheran Social Services of ND
M Tron Industries, Inc.
M A Mortenson Co.
Madison Gas and Electric Co.
Magnum Logistics
Mayo Medical Center
McClusky School District
Medtox Laboratories
Medcenter One Health System
Medtronic, Inc.
Menards
Merchant & Gould
Mercury Marine
Mercy Hospital
MeritCare Medical Center
Merrill Lynch & Co.
Midcom
Mid-Valley Grain Cooperative
Midwest Testing Laboratory
Miller Publishing Co.
Minnesota Department of Transportation
Minnesota Thoracic Associates
Mirro Co.
Moorhead Park District
Motorola
Mulvanny Partnership Architects
Munroe Regional Medical Center
Nash Finch Co.
National Agri-Services, Inc.
National Credit Union Administration
Navigation Technologies
Neuropsychiatric Research Institute
New Holland North America
Nokomis Daycare
Noridian Mutual Insurance Co.
Nor-Son, Inc.
Nortel Networks
North Dakota Air National Guard
North Dakota Army National Guard
North Dakota Concrete Products
North Dakota Department of Agriculture
North Dakota Department of Transportation
North Dakota Extension Service
North Dakota Job Service
North Dakota State University
Northern States Power Co.
Northland Group
Northwest Airlines
Oertel Architects
Ogden Regional Medical Center
Olsen Thielen & Co.
Open Door Center
Ottertail Power Co.
Pace Analytical Service
Park Inn & Suites
Park Nicollet Health System
Park Rapids School District
Pau Seeds, Inc.
Pella Corp.
Pepsi Co.
Phoenix International Corp.
Pillsbury Co.
Pine Medical Center
Pioneer Hybred International
PKG Contracting
Pope Associates, Inc.
Pracs Institute Ltd.
Prairie Psychiatric Center
Preferred Resource Group
Pricewaterhouse Coopers
Purdue University
Rapat Corp.
Red River Valley Potato Growers Assoc.
Red River Zoological Society
RedHawks Baseball Club
Regent Public School District
RESTORE
Rice Memorial Hospital
Rich Products Corp.
RLK Kuusisto Ltd.
Rockwell Collins
Rogers Pet Clinic
Rollouts, Inc.
Rosemount, Inc.
RSP Architects Ltd.
St. Alexius Medical Center
St. Cloud Hospital
St. Joseph's Hospital
St. Mary's High School
St. Paul Police Department
Scherping Industries
Schlumberger
Seagate Technology
Sencore Corp.
Senger, Mahlum & Goodhart PC
Sherwin Williams Co.
Silliker Laboratories
Smurfit-Stone Container
South Heart Public School District
Sparak Financial Systems
SRF Consulting Group
Stapek Ltd.
State Bank of Fargo
Steelox Systems, Inc.

Straight River Engineering
Success Health & Fitness Center
Superior Industries
Swenson Hagen & Co.
Target Corp.
Tecton Products
Tharaldson Enterprises Property Management
The Toro Co.
3M Corp.
Thurston Design Group LLP
TIC - The Industrial Co.
Toltz, King, Duval, Anderson & Assoc.
Towner Public School District
Tractor Supply Co.
Trane Co., The
TRK Architecture & Facilities Management
US Bank Systems
Ulteig Engineers
Unisys Corp.
United Agra Products
United Defense LP
United Parcel Service
United Savings Credit Union
University of Iowa Hospitals & Clinics
University of North Dakota
US Air Force
US Army
US Army Corp of Engineers
US Government - National Parks Service
US Navy
US Peace Corps
USDA - Natl. Ag Statistics Service
USDA - Natural Resources Conservation Service
Utility Equipment Inc.
Valley Veterinary Hospital
Veit & Company, Inc.
Vermeer Manufacturing Co.
Village Family Service Center
Wahpeton, City of
WalMart Corporate Office
Wanzek Construction
Wausau Financial Systems, Inc.
Weber Ag Service
Wells Fargo & Co.
West Central Regional Juvenile Center
West Fargo Park District
Whirlpool Corp.
Widseth Smith Nolting & Assoc.
Wirth Design Assoc.
World Architects & Engineers
Wylie EW Corp.
YHR Partners
Zimmerman Hemann & Co.

Position Titles

Accountant
Activity Coordinator
Actuarial Technician
Agricultural Statistician
Agricultural Engineer
Agronomist
Analog Design Engineer
Analyst/Programmer
Animal Care Supervisor
Application Engineer
Assistant Activity Director
Assistant Manager
Assistant Project Manager
Associate Market Analyst
Associate Software Engineer
Assurance and Business Advisor
Automation Engineer
Biological Scientist
Botanist
Business Loan Banker
Business Operations Analyst
CAD Engineer
Cardiac Registered Nurse
Catering Director
Center Coordinator
Chemist
City Forester
Civil Engineer
Claims Representative
Clinical Dietitian
Clinical Lab Scientist
Clinical Lab Technologist
Commercial Banking Analyst
Communication Director
Community Planner
Component Engineer
Computer Programmer
Construction Consultant
Construction Foreman
Construction Manager
Consultation Specialist
Control Systems Engineer
Copy Editor
Corporate Analyst
Corrections Officer
Credit Manager
Crop Consultant
Customer Service Representative
Design Engineer
Designer
Direct Care Professional
Disk Jockey
Distribution Engineer
E-Commerce Consultant
Electrical Engineer
Elevator Manager Trainee
Employment Counselor
Employment Specialist
Engineer
Engineering Associate
English Teacher
Environmental Technician
Escrow Officer
Estimator
Examiner
Facilities Analyst
Family Advocate
Farm Loan Officer
Feed Consultant
Field Engineer
Fitness Specialist
Flight Test Engineer
Food Technologist
Geologist
Graduate Architect
Grain Merchandiser
Grain Terminal Operations Manager
Hardware Design Engineer
Harvest Coordinator
Herds Person
History Teacher

Human Resources Specialist
Hydraulic Engineer
Improvement Engineer
Industrial Engineer
Information Architect
Inspector
Integration Engineer
Interior Designer
Intern Architect
Internal Auditor
Interventionist
Juvenile Counselor
Landscape Architect
Leasing Agent
Life Insurance Underwriter
Linguist
Livestock Production Specialist
Logic Designer
Machine Design Engineer
Manufacturing Engineer
Market Analyst
Marketing Director
Meat Inspector
Mechanical Engineer
Microbiologist
Microwave Engineer
Multimedia Engineer
Municipal Engineer
Network Solutions Engineer
Nuclear Propulsion Officer
Nutritionist
Office Engineer
Park Ranger
PC/LAN Analyst
Performance Engineer
Personal Trainer
Piping Engineer
Plant Operator
Pre-school Teacher
Process Engineer
Product Development Engineer
Project Manager
Quality Engineer
Regional Service Coordinator
Registered Dietitian
Registered Nurse
Registered Representative
Reporter
Research and Information Specialist
Research Specialist
Respiratory Therapist
Restaurant Manager
Rotation Engineer
Science Teacher
Servo Engineer
Simulation Engineer
Software Design Engineer
Special Education Paraprofessional
Staff Accountant
Staff Engineer
Staff Tax Accountant
Structural Engineer
Systems Analyst
Systems Engineer
Teacher/Home Visitor
Technical Consultant
Technical Support Specialist
Technology and Safety Engineer
Test Engineer
Training Developer
Transmission Planning Engineer
Transportation Engineer
Veterinary Technician
Web Designer/Developer
Youth Director
Zookeeper

Dakota, of which 304 reported accepting employment in North Dakota (60.7% retention).

- Of this year's graduates from the College of Agriculture, 13.4% have chosen to farm or ranch.

POINTS OF INTEREST

Recruitment
NDSU graduates remain in high demand. Recruiters representing 151 companies came to campus to conduct 1,354 senior and alumni employment interviews. Companies expressed confidence in the economy by creating an intense hiring climate for college graduates.

Salaries
Starting salary offers to new graduates increased an average of 5.6 percent over last year. Computer and engineering graduates commanded the highest salaries.

Career Fairs
The Tri-College Career Fair, sponsored by the career centers from North Dakota State University, Minnesota State University Moorhead and Concordia College, attracted 160 employers who visited with 1,485 students and alumni. All four-year colleges and universities in North Dakota and western Minnesota were invited to participate in this event.

The NDSU Career Center also participates in the Tri-College Graduate/Professional School Information Day and the North Dakota Education Connection. The Career Center hosted the first Engineering Expo which attracted 65 companies that interacted with 776 engineering students for full-time and cooperative education employment opportunities.

Resume Referral
The Career Center received 296 requests from employers for electronic transfer of 7,959 student resumes.

Labor Market Information
Employers in this strong labor market have expectations of core competencies for college graduates. Computer ability is now perceived by employers as a given core skill on par with reading, writing and mathematics. Emerging as a key personal trait is an individual's ability to provide quality customer service. Honed presentation skills, leadership, teamwork and critical thinking/problem solving abilities continue to be attributes employers demand.

NDSU Career Center
The Career Center is a comprehensive employment information and resource center that connects students and alumni with employers. The NDSU Career Center is operated in cooperation with Job Service North Dakota and fully supports and implements state and federal laws in the matter of Equal Employment Opportunity and nondiscriminatory practices. Services are available only to employers who submit assurance that they are equal opportunity employers.

NDSU is an equal opportunity institution. This publication is available in alternative formats.

2000 Annual Employment Report Highlights

The data for this report were collected through mail surveys, follow-up telephone calls and inquiries to academic departments. The Career Center surveyed undergraduate students who received degrees from NDSU for terms ending in December 1999, May 2000 and August 2000. This report is based on responses from 1,221 graduates (88.4% of the reported 1,381 undergraduate degrees granted).

Of the 1,221 respondents

- 955 (78.2%) reported "Employed."
- 216 (17.7%) reported "Post Baccalaureate & Professional."
- 50 (4.1%) reported still "Active in Job Search."

Of the 955 employed respondents

- 887 (92.9%) reported "Employed in Major/Minor" or "Employed Related to Major/Minor."
- 24 (2.5%) reported employed in part-time positions.
- The average annual reported salary of respondents was \$32,288, the highest reported salary was \$68,000.
- Graduates reported accepting employment in 38 states and two foreign countries.
- 423 respondents (44.3%) reported accepting employment in North Dakota.
- 321 respondents (33.6%) reported accepting employment in Minnesota.
- 501 employed respondents reported their original home state as North

2000

EMPLOYMENT SUMMARY

Undergraduate Degrees

	Issued Degrees	Male	Female	Minority	Unable to Survey	Post Baccalaureate & Professional	Entering Job Market ⁽¹⁾	Employed in Major/Minor	Employed Related to Major/Minor	Employed Unrelated to Major/Minor	Active in Job Search ⁽²⁾	Percent Employed	Salary Range $K=\$1,000$ Low - Average - High ⁽³⁾
College of Agriculture													
Agricultural Economics	37	29	8	0	0	3	34	24	9	1	0	100%	17-27-37K
Agricultural Extension	1	0	1	0	0	0	1	0	1	0	0	100%	N/A
Agricultural Systems Management	25	24	1	0	1	1	23	16	3	2	2	91%	25-32-45K
Animal and Range Sciences	28	18	10	0	1	5	22	14	5	3	0	100%	12-24-32K
Biotechnology	5	4	1	0	0	2	3	3	0	0	0	100%	28-33-38K
Crop and Weed Sciences	30	27	3	0	1	9	20	19	1	0	0	100%	24-28-31K
Food Science	4	3	1	0	0	2	2	2	0	0	0	100%	33K
General Agriculture	10	9	1	1	1	1	8	6	2	0	0	100%	24-30-39K
Horticulture	9	4	5	0	2	1	6	3	2	1	0	100%	25K
Microbiology	11	5	6	0	0	5	6	3	0	2	1	83%	23K
Natural Resources Management	9	5	4	0	0	1	8	4	0	2	2	75%	17-23-28K
Plant Protection	2	1	1	0	0	1	1	1	0	0	0	100%	N/A
Soil Science	2	1	1	0	0	0	2	1	0	1	0	100%	N/A
Veterinary Technology	13	0	13	0	0	2	11	9	0	2	0	100%	17-18-23K
College Totals	186	130	56	1	6	33	147	105	23	14	5	97%	12-27-45K
College of Arts, Humanities and Social Sciences													
Art	2	1	1	0	1	0	1	0	0	0	1	0%	N/A
Economics	6	3	3	0	1	1	4	4	0	0	0	100%	20-26-32K
English, Languages	12	4	8	1	1	5	6	1	3	1	1	83%	17-21-25K
History	9	6	3	0	1	1	7	0	1	5	1	86%	N/A
Humanities/Philosophy	3	2	1	0	0	3	0	0	0	0	0	N/A	N/A
Mass Communication	33	10	23	1	8	4	21	14	4	2	1	95%	13-22-28K
Music	1	1	0	0	0	0	1	1	0	0	0	100%	N/A
Political Science	16	10	6	0	4	4	8	1	4	3	0	100%	39K
Social Science	2	2	0	0	1	0	1	0	1	0	0	100%	N/A
Sociology	47	25	22	0	7	11	29	12	7	6	4	86%	16-23-35K
Speech Communication	14	5	9	0	4	5	5	2	1	0	2	60%	24-29-32K
Theatre Arts	3	1	2	0	1	1	1	1	0	0	0	100%	N/A
College Totals	148	70	78	2	29	35	84	36	21	17	10	88%	13-25-35K
College of Business Administration													
Accountancy	4	1	3	0	1	0	3	3	0	0	0	100%	35K
Accounting	36	20	16	1	4	2	30	25	2	1	2	93%	17-30-40K
Business Administration	100	53	47	3	6	2	92	67	19	2	4	96%	16-27-60K
Management Information Systems	50	28	22	2	2	1	47	41	1	0	5	89%	21-38-49K
College Totals	190	102	88	6	13	5	172	136	22	3	11	94%	16-31-60K
College of Engineering and Architecture													
Aero Manufacturing Engineering Technology	11	11	0	0	0	0	11	9	1	0	1	91%	36-40-44K
Agricultural and Biosystems Engineering	15	13	2	0	0	1	14	11	2	1	0	100%	34-43-50K
Architecture (5-year program, prof. degree)	41	33	8	1	2	0	39	36	2	1	0	100%	24-30-38K
Civil Engineering	52	47	5	1	4	2	46	43	2	0	1	98%	23-34-43K
Construction Engineering	6	5	1	1	2	0	4	4	0	0	0	100%	40K
Construction Management	31	29	2	0	0	0	31	28	1	0	2	94%	30-37-42K
Electrical Engineering	62	58	4	0	5	1	56	54	1	0	1	98%	35-46-56K
Environmental Design (pre-architectural degree)	2	2	0	0	0	0	2	2	0	0	0	100%	28K
Industrial Engineering and Management	33	28	5	0	4	0	29	28	1	0	0	100%	37-41-49K
Landscape Architecture (5-year program, prof. degree)	15	12	3	0	2	0	13	10	2	0	1	92%	21-30-34K
Manufacturing Engineering	2	1	1	0	1	0	1	1	0	0	0	100%	N/A
Mechanical Engineering	77	72	5	1	5	1	71	60	7	1	3	96%	26-42-55K
College Totals	347	311	36	4	25	5	317	286	19	3	9	97%	21-39-56K
College of Human Development and Education													
Apparel and Textiles	10	0	10	2	4	1	5	3	2	0	0	100%	26-31-34K
Athletic Training	5	3	2	0	1	3	1	1	0	0	0	100%	N/A
Child Development and Family Science	33	2	31	0	10	4	19	16	3	0	0	100%	11-19-30K
Corporate and Community Fitness	11	4	7	1	2	0	9	6	2	1	0	100%	17-26-36K
Facility Management	17	4	13	0	1	0	16	11	3	1	1	94%	24-31-48K
Food and Nutrition	25	0	25	0	6	2	17	10	3	3	1	94%	27-33-40K
Food Science	6	2	4	2	1	0	5	4	1	0	0	100%	24-30-38K
Hotel, Motel, Restaurant Management	6	1	5	0	2	0	4	2	1	0	1	75%	25-30-35K
Interior Design	12	1	11	0	3	0	9	8	1	0	0	100%	18-24-30K
Leisure Studies and Community Recreational Services	12	5	7	0	3	1	8	4	3	1	0	100%	12-20-37K
Physical Education (non-education)	4	1	3	1	0	2	2	0	1	1	0	100%	N/A
Education	48	29	19	0	19	4	25	21	0	3	1	96%	15-25-40K
College Totals	189	52	137	6	52	17	120	86	20	10	4	97%	11-26-48K
College of Pharmacy													
Nursing	25	4	21	0	0	0	25	24	1	0	0	100%	24-35-47K
Pharmaceutical Sciences	64	22	42	4	0	64	0	0	0	0	0	N/A	N/A
College Totals	89	26	63	4	0	64	25	24	1	0	0	100%	24-35-47K
College of Science and Mathematics ⁽⁴⁾													
Biological Sciences	14	7	7	0	1	5	8	3	1	4	0	100%	28-31-35K
Biotechnology	6	3	3	1	1	1	4	3	0	1	0	100%	25-32-38K
Botany	1	0	1	0	1	0	0	0	0	0	0	N/A	N/A
Chemistry	13	7	6	1	1	8	4	3	1	0	0	100%	22-30-38K
Clinical Laboratory Science	5	2	3	0	0	0	5	5	0	0	0	100%	25-32-36K
Computer Science	24	20	4	2	2	0	22	19	0	3	0	100%	18-42-68K
Mathematics	3	2	1	0	0	1	2	1	1	0	0	100%	40K
Microbiology	20	9	11	3	5	7	8	4	0	2	2	75%	28-31-36K
Physics	1	1	0	0	0	0	1	0	1	0	0	100%	N/A
Psychology	57	14	43	3	11	16	30	11	10	5	4	87%	12-21-32K
Respiratory Care	14	5	9	1	4	0	10	9	0	1	0	100%	32-37-44K
Soils (Earth Science)	12	8	4	0	1	3	8	8	0	0	0	100%	19-29-50K
Statistics	1	0	1	0	0	0	1	0	1	0	0	100%	N/A
Zoology	33	16	17	0	4	13	16	8	2	2	4	75%	16-19-23K
College Totals	204	94	110	11	31	54	119	74	17	18	10	92%	12-30-68K
College of University Studies													
College Totals	28	17	11	4	4	3	21	7	10	3	1	95%	15-27-49K
North Dakota State University													
Totals	1,381	802	579	38	160	216	1,005	754	133	68	50	95%	11-32-68K

Key and footnotes:

- (1) Includes graduates who have entered or are ready to enter job market.
 - (2) Includes graduates who are unemployed and actively seeking employment.
 - (3) Includes reported base salaries from full-time positions "Employed in Major/Minor" or "Employed Related to Major/Minor." For privacy reasons, some salary amounts are not shown.
 - (4) Undergraduate degree programs not listed had no graduates during the time period of this report.
- N/A = Not Available

Employment Summary Column Explanations

Data for the 2000 NDSU Annual Employment Report covering semesters ending December 1999, May 2000 and August 2000 were retrieved from the NDSU student database, mail surveys, follow-up telephone calls and inquiries to academic departments. The data include only baccalaureate degrees.

Issued Degrees

Total degrees derived from the student database.

Male, Female

Information reported by student.

Minority

Information reported by student.

Unable to Survey

Graduates not responding to surveys and were unable to be located or contacted.

Post Baccalaureate & Professional

Graduates who pursue post baccalaureate and/or professional education, internships or additional undergraduate majors.

Entering Job Market

Includes:

- "Employed in Major/Minor"
- "Employed Related to Major/Minor"
- "Employed Unrelated to Major/Minor"
- "Active in Job Search"

Does not include:

- "Post Baccalaureate & Professional"
- "Unable to Survey"
- Graduates not seeking employment
- Graduates not willing to participate

Employed in Major/Minor

Information collected from graduating student survey.

Employed Related to Major/Minor

Information collected from graduating student survey.

Employed Unrelated to Major/Minor

Information collected from graduating student survey.

Active in Job Search

Information collected from graduating student survey. Graduates in this category indicated they were unemployed and seeking employment.

Percent Employed

Number of graduates employed ("Employed in Major/Minor," "Employed Related to Major/Minor," and "Employed Unrelated to Major/Minor") divided by "Entering Job Market."

Salary Range (Low - Average - High)

Only base salaries of full-time positions reported as "Employed in Major/Minor" or "Employed Related to Major/Minor" were used. Commissions, bonuses, incentives and fringe benefits were not included. For privacy reasons, some salary amounts are not shown.