

2004

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Minnesota

SALARY SURVEY

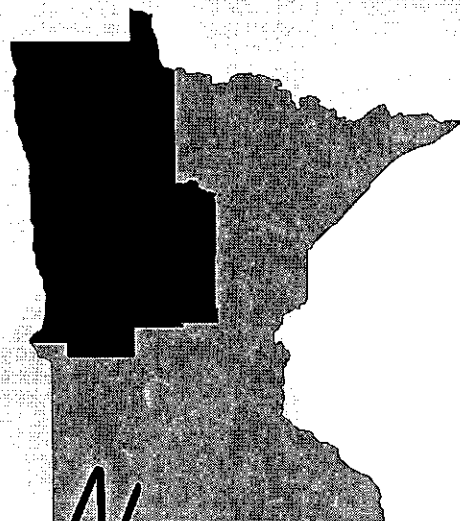


MINNESOTA
DEPARTMENT
OF
EMPLOYMENT
AND
ECONOMIC
DEVELOPMENT

LABOR MARKET
INFORMATION
OFFICE

IN COOPERATION
WITH THE

UNITED STATES
DEPARTMENT
OF LABOR



**NORTHWEST
PLANNING REGION**

A product of the
**Occupational Employment
Statistics (OES) Wage Survey**

December 2004

Occupational Title	Median Wage			Occupational Title	Median Wage		
	Northwest	State	US		Northwest	State	US
Architecture & Engineering				Interior Designers	\$15.77	20.54	19.98
All Other Drafters, Engineering, and Mapping Technicians	\$18.83	22.21	---	Interpreters and Translators	\$14.10	17.60	16.90
Architects, Except Landscape and Naval	\$27.11	27.22	28.99	Media and Communication Equipment Workers, All Other	\$20.28	16.15	---
Architectural and Civil Drafters	\$16.37	19.58	18.88	Media and Communication Workers, All Other	\$14.44	24.62	---
Cartographers and Photogrammetrists	\$20.04	23.39	22.52	Merchandise Displayers and Window Trimmers	\$11.16	12.09	11.20
Civil Engineering Technicians	\$20.79	21.94	18.90	Multi-Media Artists and Animators	\$10.64	21.83	23.11
Civil Engineers	\$27.08	29.12	31.06	News Analysts, Reporters and Correspondents	\$12.20	14.26	15.68
Electrical and Electronic Engineering Technicians	\$18.66	22.26	22.44	Photographers	\$12.28	14.66	12.82
Electrical and Electronics Drafters	\$20.22	22.40	21.07	Producers and Directors	\$38,480	48,651	53,333
Electrical Engineers	\$28.40	34.21	35.01	Public Relations Specialists	\$24.28	21.93	21.28
Electronics Engineers, Except Computer	\$29.68	35.60	36.32	Technical Writers	\$19.30	26.99	25.79
Engineers, All Other	\$29.34	37.16	---	Writers and Authors	\$18.03	20.56	21.43
Environmental Engineering Technicians	\$17.65	20.63	18.87	Building & Grounds Cleaning & Maintenance			
Environmental Engineers	\$22.58	30.71	31.66	First-Line Supervisors/Managers of Housekeeping and Janitorial Workers	\$11.98	13.96	14.20
Health and Safety Engineers, Except Mining Safety Engineers and Inspectors	\$36.92	34.99	30.36	First-Line Supervisors/Managers of Landscaping, Lawn Service, and Groundskeeping Workers	\$16.97	18.33	16.72
Industrial Engineering Technicians	\$17.76	20.97	21.19	Janitors and Cleaners, Except Maids and Housekeeping Cleaners	\$9.45	10.04	9.09
Industrial Engineers	\$27.80	32.53	31.66	Landscaping and Groundskeeping Workers	\$10.33	11.36	9.88
Mechanical Drafters	\$16.58	21.03	20.94	Maids and Housekeeping Cleaners	\$7.45	8.78	8.16
Mechanical Engineering Technicians	\$17.15	21.52	21.09	Business & Financial Operations			
Mechanical Engineers	\$26.18	30.06	32.23	Accountants and Auditors	\$21.78	24.80	24.26
Surveying and Mapping Technicians	\$14.83	16.78	14.82	All Other Business Operations and Human Resources Specialists	\$18.95	22.64	---
Surveyors	\$20.58	22.48	20.73	Appraisers and Assessors of Real Estate	\$21.80	---	20.92
Arts, Design, Entertainment, Sports, & Media				Budget Analysts	\$24.05	25.44	26.86
All Other Art and Design Workers	\$14.19	17.00	---	Claims Adjusters, Examiners, and Investigators	\$16.15	20.47	21.68
Announcers	\$9.84	10.66	10.62	Compensation, Benefits, and Job Analysis Specialists	\$20.00	23.37	22.85
Audio and Video Equipment Technicians	\$17.76	20.82	15.40	Compliance Officers, Except Agriculture, Construction, Health and Safety, and Transportation	\$21.08	25.16	22.63
Broadcast Technicians	\$13.79	14.20	13.93	Cost Estimators	\$19.57	23.51	24.33
Coaches and Scouts	\$31,892	31,179	27,494	Credit Analysts	\$21.19	23.47	22.73
Commercial and Industrial Designers	\$17.77	23.07	25.75	Emergency Management Specialists	\$21.74	28.71	21.99
Editors	\$18.54	21.04	20.99				
Floral Designers	\$9.35	11.09	9.93				
Graphic Designers	\$14.19	19.18	18.25				

Note: For explanation of wage symbols, see the Methodology section on page 11.

Occupational Title

Median Wage

Northwest State US

Employment, Recruitment, and Placement Specialists	\$18.21	21.29	19.97
Financial Analysts	\$24.67	30.37	29.80
Financial Examiners	\$29.52	31.60	28.78
Financial Specialists, All Other	\$21.64	23.18	- - -
Loan Officers	\$22.47	23.42	23.17
Management Analysts	\$22.90	32.61	30.75
Meeting and Convention Planners	\$16.27	19.45	19.04
Personal Financial Advisors	\$11.29	22.41	29.36
Purchasing Agents and Buyers, Farm Products	\$17.93	- - -	21.32
Purchasing Agents, Except Wholesale, Retail, and Farm Products	\$20.08	23.55	23.04
Tax Examiners, Collectors, and Revenue Agents	\$24.01	25.37	21.08
Tax Preparers	\$13.07	19.36	13.44
Training and Development Specialists	\$19.97	23.18	21.58
Wholesale and Retail Buyers, Except Farm Products	\$16.92	22.39	20.57

Community & Social Services

All Other Counselors, Social and Religious Workers	\$14.99	16.52	- - -
Child, Family, and School Social Workers	\$18.75	21.55	16.96
Clergy	\$19.51	19.96	17.27
Educational, Vocational, and School Counselors	\$16.53	- - -	22.24
Health Educators	\$12.89	20.55	18.84
Medical and Public Health Social Workers	\$17.78	19.24	19.36
Mental Health and Substance Abuse Social Workers	\$18.07	19.92	16.64
Mental Health Counselors	\$13.24	16.20	15.84
Probation Officers and Correctional Treatment Specialists	\$18.26	24.87	19.38
Rehabilitation Counselors	\$16.15	16.35	13.55
Social and Human Service Assistants	\$12.31	12.19	11.87
Substance Abuse and Behavioral Disorder Counselors	\$17.77	18.35	15.58

Computer & Mathematical

Computer Programmers	\$24.53	30.38	30.52
Computer Software Engineers, Applications	\$35.45	36.42	36.30
Computer Software Engineers, Systems Software	\$23.33	38.25	38.19
Computer Specialists, All Other	\$24.02	30.33	- - -

Occupational Title

Median Wage

Northwest State US

Computer Support Specialists	\$15.93	20.32	19.72
Computer Systems Analysts	\$26.91	32.15	32.16
Database Administrators	\$22.59	32.26	29.24
Network and Computer Systems Administrators	\$23.30	28.20	28.20
Network Systems and Data Communications Analysts	\$21.45	30.42	29.31

Construction & Extraction

All Other Construction Trades and Related Workers	\$19.57	17.40	- - -
Brickmasons and Blockmasons	\$21.85	25.91	20.63
Carpenters	\$15.76	19.30	17.10
Carpet Installers	\$22.99	16.75	16.10
Cement Masons and Concrete Finishers	\$16.23	21.77	15.17
Construction and Building Inspectors	\$19.40	25.10	21.01
Construction Laborers	\$14.23	17.35	12.26
Drywall and Ceiling Tile Installers	\$23.47	25.22	16.69
Earth Drillers, Except Oil and Gas	\$17.55	16.66	16.19
Electricians	\$20.26	28.27	20.56
First-Line Supervisors/Managers of Construction Trades and Extraction Workers	\$22.36	25.96	24.22
Floor Layers, Except Carpet, Wood, and Hard Tiles	\$12.18	20.79	16.12
Glaziers	\$12.75	16.72	15.80
Helpers, Construction Trades, All Other	\$11.39	13.72	- - -
Helpers--Brickmasons, Blockmasons, Stonemasons, and Tile and Marble Setters	\$11.03	16.92	12.07
Helpers--Carpenters	\$11.05	12.53	10.71
Helpers--Electricians	\$10.82	14.35	11.48
Helpers--Pipefitters, Plumbers, Pipefitters, and Steamfitters	\$18.93	12.43	11.07
Highway Maintenance Workers	\$15.77	18.26	14.28
Insulation Workers	\$17.10	14.63	14.86
Operating Engineers and Other Construction Equipment Operators	\$17.03	22.03	17.20
Painters, Construction and Maintenance	\$15.99	18.37	14.49
Paving, Surfacing, and Tamping Equipment Operators	\$17.19	19.01	14.40
Pipelayers	\$16.25	21.68	14.24

Note: For explanation of wage symbols, see the Methodology section on page 11.

Occupational Title	Median Wage			Occupational Title	Median Wage		
	Northwest	State	US		Northwest	State	US
Plumbers, Pipefitters, and Steamfitters	\$14.19	27.10	20.09	Secondary School Teachers, Except Special and Vocational Education	\$41,604	44,205	46,454
Roofers	\$15.58	19.73	14.92	Self-Enrichment Education Teachers	\$15.65	19.24	15.10
Septic Tank Servicers and Sewer Pipe Cleaners	\$11.96	16.53	14.08	Sociology Teachers, Postsecondary	\$47,646	55,669	55,389
Sheet Metal Workers	\$16.70	22.11	17.36	Special Education Teachers, Middle School	\$39,532	44,088	44,480
Structural Iron and Steel Workers	\$21.63	30.42	20.50	Special Education Teachers, Preschool, Kindergarten, and Elementary School	\$43,498	44,524	43,832
Tapers	\$20.36	23.63	19.33	Special Education Teachers, Secondary School	\$41,433	44,981	46,187
Education, Training, & Library				Teacher Assistants	\$20,120	20,119	19,541
Adult Literacy, Remedial Education, and GED Teachers and Instructors	\$19.32	21.30	18.74	Vocational Education Teachers, Middle School	\$40,009	43,446	44,860
All Other Teachers, Primary, Secondary, and Adult	\$29,596	44,657	- - -	Vocational Education Teachers, Postsecondary	\$22.19	22.95	19.79
Archivists, Curators, and Museum Technicians	\$15.60	18.02	17.88	Vocational Education Teachers, Secondary School	\$40,155	45,544	46,413
Art, Drama, and Music Teachers, Postsecondary	\$44,140	46,707	49,508	Farming, Fishing, & Forestry			
Audio-Visual Collections Specialists	\$20.98	23.94	16.83	Agricultural Equipment Operators	\$9.87	11.73	8.98
Biological Science Teachers, Postsecondary	\$49,179	53,109	62,566	Agricultural Inspectors	\$20.87	18.46	14.43
Business Teachers, Postsecondary	\$60,107	55,682	58,155	Farming, Fishing, and Forestry Workers, All Other	\$10.89	9.63	- - -
Education, Training, and Library Workers, All Other	\$10.74	15.88	- - -	Farmworkers and Laborers, Crop, Nursery, and Greenhouse	\$9.52	10.42	7.69
Elementary School Teachers, Except Special Education	\$42,996	43,826	43,791	Farmworkers, Farm and Ranch Animals	\$9.18	10.01	8.42
English Language and Literature Teachers, Postsecondary	\$50,448	53,177	48,901	First-Line Supervisors/Managers of Farming, Fishing, and Forestry Workers	\$19.07	19.40	17.41
Farm and Home Management Advisors	\$18.10	24.56	19.74	Graders and Sorters, Agricultural Products	\$8.52	9.86	8.19
History Teachers, Postsecondary	\$54,818	54,981	54,628	Food Preparation & Serving-Related			
Instructional Coordinators	\$21.47	25.86	23.50	Bartenders	\$7.36	7.57	7.38
Kindergarten Teachers, Except Special Education	\$39,938	42,941	42,136	Chefs and Head Cooks	\$10.01	15.86	14.37
Librarians	\$20.99	22.40	22.11	Combined Food Preparation and Serving Workers, Including Fast Food	\$6.90	7.33	7.14
Library Technicians	\$10.57	14.92	12.29	Cooks, Fast Food	\$7.96	7.79	7.10
Mathematical Science Teachers, Postsecondary	\$57,841	57,677	53,281	Cooks, Institution and Cafeteria	\$10.49	11.16	9.04
Middle School Teachers, Except Special and Vocational Education	\$40,798	40,126	44,171	Cooks, Restaurant	\$8.99	10.01	9.45
Nursing Instructors and Teachers, Postsecondary	\$43,759	54,285	52,757	Cooks, Short Order	\$8.49	8.98	8.10
Philosophy and Religion Teachers, Postsecondary	\$51,903	51,798	51,523	Counter Attendants, Cafeteria, Food Concession, and Coffee Shop	\$6.92	7.61	7.56
Preschool Teachers, Except Special Education	\$12.44	12.43	10.11				
Psychology Teachers, Postsecondary	\$55,191	53,940	56,068				
Recreation and Fitness Studies Teachers, Postsecondary	\$40,410	48,830	45,426				

Note: For explanation of wage symbols, see the Methodology section on page 11.

Occupational Title	Median Wage		
	Northwest	State	US
Dining Room and Cafeteria Attendants and Bartender Helpers	\$6.62	6.98	7.15
Dishwashers	\$6.85	7.72	7.36
First-Line Supervisors/Managers of Food Preparation and Serving Workers	\$10.80	12.22	12.16
Food Preparation and Serving Related Workers, All Other	\$8.13	7.72	---
Food Preparation Workers	\$8.48	9.24	8.08
Food Servers, Nonrestaurant	\$8.52	8.85	7.92
Hosts and Hostesses, Restaurant, Lounge, and Coffee Shop	\$7.58	8.10	7.54
Waiters and Waitresses	\$6.41	6.57	6.88
Healthcare Practitioners & Technical			
All Other Health Diagnosing and Treating Practitioners	>\$70.00	27.81	---
All Other Health Professionals and Technicians	\$11.22	19.75	---
Anesthesiologists	\$65.72	66.95	>70.00
Athletic Trainers	\$34,040	34,826	33,920
Cardiovascular Technologists and Technicians	\$25.41	18.66	18.68
Dental Hygienists	\$25.56	30.06	28.02
Dentists	\$38.77	>70.00	59.53
Diagnostic Medical Sonographers	\$26.31	27.19	25.20
Dietetic Technicians	\$13.04	15.29	11.30
Dietitians and Nutritionists	\$22.48	22.12	21.08
Emergency Medical Technicians and Paramedics	\$11.08	13.58	12.24
Family and General Practitioners	>\$70.00	>70.00	68.06
Internists, General	>\$70.00	>70.00	>70.00
Licensed Practical and Licensed Vocational Nurses	\$14.60	16.36	16.37
Medical and Clinical Laboratory Technicians	\$16.30	17.37	14.90
Medical and Clinical Laboratory Technologists	\$21.37	22.70	21.97
Medical Records and Health Information Technicians	\$13.02	13.45	12.32
Obstetricians and Gynecologists	>\$70.00	>70.00	>70.00
Occupational Health and Safety Specialists and Technicians	\$23.01	26.16	23.90
Occupational Therapists	\$23.48	23.76	26.35
Opticians, Dispensing	\$12.56	14.85	13.52

Occupational Title	Median Wage		
	Northwest	State	US
Optometrists	\$48.59	44.57	43.17
Pediatricians, General	>\$70.00	>70.00	67.47
Pharmacists	\$41.36	42.08	40.79
Pharmacy Technicians	\$11.43	14.14	11.58
Physical Therapists	\$27.61	26.94	29.02
Physician Assistants	\$33.80	34.72	33.71
Physicians and Surgeons, All Other	>\$70.00	>70.00	---
Psychiatrists	>\$70.00	>70.00	66.96
Radiologic Technologists and Technicians	\$21.11	22.76	20.69
Registered Nurses	\$23.92	27.10	25.22
Respiratory Therapists	\$21.24	23.76	20.79
Respiratory Therapy Technicians	\$18.23	18.28	17.78
Speech-Language Pathologists	\$22.47	23.74	25.16
Surgeons	>\$70.00	>70.00	>70.00
Surgical Technologists	\$16.52	19.39	16.39
Veterinarians	\$30.47	29.83	32.28
Veterinary Technologists and Technicians	\$11.98	13.25	11.96
Healthcare Support			
Dental Assistants	\$13.26	16.45	13.58
Healthcare Support Workers, All Other	\$10.07	13.07	---
Home Health Aides	\$9.16	10.11	8.86
Massage Therapists	\$15.88	23.82	14.58
Medical Assistants	\$11.39	13.00	11.84
Medical Equipment Preparers	\$10.89	13.48	11.66
Medical Transcriptionists	\$12.65	14.56	13.68
Nursing Aides, Orderlies, and Attendants	\$10.32	11.44	10.11
Occupational Therapist Assistants	\$16.18	---	18.56
Pharmacy Aides	\$9.61	9.83	9.00
Physical Therapist Aides	\$10.07	11.68	10.26
Physical Therapist Assistants	\$17.00	16.23	18.16
Veterinary Assistants and Laboratory Animal Caretakers	\$7.84	8.59	8.94
Installation, Maintenance, & Repair			

Note: For explanation of wage symbols, see the Methodology section on page 11.

Occupational Title	Median Wage			Occupational Title	Median Wage		
	Northwest	State	US		Northwest	State	US
Aircraft Mechanics and Service Technicians	\$18.74	- - -	21.57	Telecommunications Line Installers and Repairers	\$18.38	19.09	20.11
Automotive Body and Related Repairers	\$16.78	18.31	16.36	Tire Repairers and Changers	\$11.12	10.30	10.21
Automotive Service Technicians and Mechanics	\$13.59	15.28	15.48	Legal			
Bus and Truck Mechanics and Diesel Engine Specialists	\$15.39	17.94	17.23	All Other Legal and Related Workers	\$14.32	20.98	- - -
Coin, Vending, and Amusement Machine Servicers and Repairers	\$16.66	14.70	13.58	Court Reporters	\$29.68	29.67	20.78
Computer, Automated Teller, and Office Machine Repairers	\$13.75	16.85	16.64	Judges, Magistrate Judges, and Magistrates	\$51.02	50.39	45.10
Control and Valve Installers and Repairers, Except Mechanical Door	\$23.15	22.86	21.22	Law Clerks	\$19.23	- - -	16.19
Electric Motor, Power Tool, and Related Repairers	\$13.42	14.50	16.09	Lawyers	\$30.91	40.09	45.84
Electrical and Electronics Repairers, Commercial and Industrial Equipment	\$24.82	21.22	20.44	Paralegals and Legal Assistants	\$16.80	20.71	19.00
Electrical Power-Line Installers and Repairers	\$24.81	25.79	24.09	Title Examiners, Abstractors, and Searchers	\$12.30	14.68	16.76
Farm Equipment Mechanics	\$13.64	13.98	13.56	Life, Physical, & Social Science			
First-Line Supervisors/Managers of Mechanics, Installers, and Repairers	\$21.72	24.72	24.17	Agricultural and Food Scientists	\$30.22	26.03	24.52
Heating, Air Conditioning, and Refrigeration Mechanics and Installers	\$17.35	19.81	17.49	All Other Life, Physical, and Social Science Technicians	\$16.84	19.85	- - -
Helpers--Installation, Maintenance, and Repair Workers	\$9.25	11.40	10.42	Biological Technicians	\$18.00	16.30	16.49
Home Appliance Repairers	\$17.22	16.04	14.85	Chemists	\$22.02	31.66	27.17
Industrial Machinery Mechanics	\$17.63	19.98	19.00	Clinical, Counseling, and School Psychologists	\$26.08	26.20	26.31
Installation, Maintenance, and Repair Workers, All Other	\$11.88	15.63	- - -	Conservation Scientists	\$26.34	26.05	25.29
Maintenance and Repair Workers, General	\$14.19	16.33	14.78	Environmental Science and Protection Technicians, Including Health	\$16.16	16.91	17.70
Maintenance Workers, Machinery	\$14.28	16.12	16.04	Environmental Scientists and Specialists, Including Health	\$20.70	24.78	24.75
Manufactured Building and Mobile Home Installers	\$11.46	12.06	11.21	Forest and Conservation Technicians	\$16.03	16.57	15.81
Millwrights	\$17.06	24.42	21.17	Foresters	\$24.13	25.35	23.27
Mobile Heavy Equipment Mechanics, Except Engines	\$17.83	20.51	18.22	Hydrologists	\$28.08	30.85	29.17
Motorboat Mechanics	\$16.14	15.92	14.58	Life Scientists, All Other	\$24.04	23.34	- - -
Motorcycle Mechanics	\$14.46	14.75	13.66	Market Research Analysts	\$25.35	27.81	27.10
Outdoor Power Equipment and Other Small Engine Mechanics	\$11.58	13.40	12.13	Medical Scientists, Except Epidemiologists	\$28.07	24.55	29.76
Recreational Vehicle Service Technicians	\$13.08	14.59	13.90	Physical Scientists, All Other	\$26.45	38.76	- - -
Telecommunications Equipment Installers and Repairers, Except Line Installers	\$24.54	25.55	23.89	Social Scientists and Related Workers, All Other	\$28.31	29.99	- - -
				Urban and Regional Planners	\$25.55	28.49	26.04
				Zoologists and Wildlife Biologists	\$25.14	24.52	24.38
				Management			
				Administrative Services Managers	\$27.62	34.36	28.34

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Occupational Title	Median Wage			Occupational Title	Median Wage		
	Northwest	State	US		Northwest	State	US
Advertising and Promotions Managers	\$23.93	40.43	29.93	Bill and Account Collectors	\$13.71	15.16	13.40
Chief Executives	\$42.28	>70.00	66.49	Billing and Posting Clerks and Machine Operators	\$12.33	14.29	13.07
Computer and Information Systems Managers	\$33.07	46.64	44.12	Bookkeeping, Accounting, and Auditing Clerks	\$12.17	14.81	13.77
Construction Managers	\$28.26	34.74	32.96	Brokerage Clerks	\$15.34	15.39	16.98
Education Administrators, Elementary and Secondary School	\$72,410	80,100	74,989	Cargo and Freight Agents	\$17.78	16.82	16.67
Education Administrators, Postsecondary	\$29.27	35.44	33.03	Computer Operators	\$14.15	15.68	14.94
Education Administrators, Preschool and Child Care Center/Program	\$17.16	17.10	17.18	Couriers and Messengers	\$10.43	12.28	9.79
Engineering Managers	\$42.34	47.90	46.62	Court, Municipal, and License Clerks	\$15.72	16.23	13.73
Financial Managers	\$36.70	44.37	38.55	Credit Authorizers, Checkers, and Clerks	\$11.42	17.96	13.61
Food Service Managers	\$16.43	17.98	18.49	Customer Service Representatives	\$11.91	14.55	13.10
Funeral Directors	\$17.95	26.72	22.48	Data Entry Keyers	\$9.98	12.26	11.19
General and Operations Managers	\$28.76	38.36	36.36	Desktop Publishers	\$15.07	16.15	15.46
Human Resources Managers	\$32.76	41.41	34.29	Dispatchers, Except Police, Fire, and Ambulance	\$15.27	18.10	15.08
Industrial Production Managers	\$30.36	35.90	34.93	Eligibility Interviewers, Government Programs	\$16.03	17.00	16.07
Legislators	\$6.60	6.73	8.07	Executive Secretaries and Administrative Assistants	\$14.69	17.62	16.91
Lodging Managers	\$14.42	17.72	17.72	File Clerks	\$9.93	11.04	10.15
Managers, All Other	\$31.32	41.12	---	First-Line Supervisors/Managers of Office and Administrative Support Workers	\$17.24	20.56	19.65
Marketing Managers	\$32.25	50.24	41.54	Hotel, Motel, and Resort Desk Clerks	\$8.04	8.64	8.63
Medical and Health Services Managers	\$31.01	33.83	32.34	Human Resources Assistants, Except Payroll and Timekeeping	\$15.51	16.25	15.42
Natural Sciences Managers	\$37.59	40.47	42.36	Insurance Claims and Policy Processing Clerks	\$15.52	14.63	14.19
Postmasters and Mail Superintendents	\$23.47	24.40	24.72	Interviewers, Except Eligibility and Loan	\$10.54	12.18	11.29
Property, Real Estate, and Community Association Managers	\$14.52	21.33	18.89	Legal Secretaries	\$13.32	20.43	17.58
Public Relations Managers	\$35.39	36.73	33.05	Library Assistants, Clerical	\$8.50	10.26	9.84
Purchasing Managers	\$29.15	37.39	33.06	Loan Interviewers and Clerks	\$12.33	14.95	14.03
Sales Managers	\$31.03	46.57	39.96	Mail Clerks and Mail Machine Operators, Except Postal Service	\$13.40	12.11	10.79
Social and Community Service Managers	\$23.09	24.45	22.52	Medical Secretaries	\$11.45	14.42	12.83
Transportation, Storage, and Distribution Managers	\$22.98	33.35	31.62	Meter Readers, Utilities	\$19.65	---	14.60
Office & Administrative Support				New Accounts Clerks	\$11.16	13.86	12.89
All Other Financial, Information, and Record Clerks	\$13.76	13.47	---	Office Clerks, General	\$10.55	12.37	11.05
All Other Secretaries, Administrative Assistants, and Other Office Support Workers	\$11.95	12.44	---	Office Machine Operators, Except Computer	\$12.70	12.16	11.30

Note: For explanation of wage symbols, see the Methodology section on page 11.

Occupational Title	Median Wage			Occupational Title	Median Wage		
	Northwest	State	US		Northwest	State	US
Order Clerks	\$11.56	13.95	12.38	Personal and Home Care Aides	\$10.10	9.86	8.15
Payroll and Timekeeping Clerks	\$13.75	16.23	14.63	Personal Care and Service Workers, All Other	\$6.50	9.95	---
Police, Fire, and Ambulance Dispatchers	\$15.02	17.39	14.04	Recreation Workers	\$7.83	10.21	9.37
Postal Service Clerks	\$20.38	20.08	20.07	Tour Guides and Escorts	\$11.62	11.30	9.29
Postal Service Mail Carriers	\$19.72	21.84	21.93	Ushers, Lobby Attendants, and Ticket Takers	\$6.59	6.67	7.26
Postal Service Mail Sorters, Processors, and Processing Machine Operators	\$16.67	19.43	19.38	Production			
Procurement Clerks	\$10.91	13.82	14.91	All Other Printing Workers	\$13.36	13.97	---
Production, Planning, and Expediting Clerks	\$14.93	18.11	17.36	Assemblers and Fabricators, All Other	\$11.77	11.76	---
Receptionists and Information Clerks	\$10.12	11.42	10.56	Bakers	\$9.23	11.16	10.33
Reservation and Transportation Ticket Agents and Travel Clerks	\$10.16	---	13.02	Butchers and Meat Cutters	\$11.68	15.89	12.76
Secretaries, Except Legal, Medical, and Executive	\$12.93	15.75	12.59	Cabinetmakers and Bench Carpenters	\$14.49	15.35	12.22
Shipping, Receiving, and Traffic Clerks	\$11.95	13.13	11.81	Chemical Equipment Operators and Tenders	\$13.34	15.67	19.20
Stock Clerks and Order Fillers	\$8.44	10.31	9.78	Cleaning, Washing, and Metal Pickling Equipment Operators and Tenders	\$11.72	10.99	11.80
Switchboard Operators, Including Answering Service	\$10.33	11.54	10.59	Coating, Painting, and Spraying Machine Setters, Operators, and Tenders	\$13.28	15.41	12.83
Tellers	\$8.68	10.36	10.25	Computer-Controlled Machine Tool Operators, Metal and Plastic	\$12.38	16.39	14.86
Weighers, Measurers, Checkers, and Samplers, Recordkeeping	\$14.50	13.23	12.14	Crushing, Grinding, and Polishing Machine Setters, Operators, and Tenders	\$16.38	15.67	13.06
Word Processors and Typists	\$13.63	13.80	13.53	Cutting, Punching, and Press Machine Setters, Operators, and Tenders, Metal and Plastic	\$12.83	12.88	12.60
Personal Care & Service				Drilling and Boring Machine Tool Setters, Operators, and Tenders, Metal and Plastic	\$13.93	16.23	13.86
Amusement and Recreation Attendants	\$7.94	7.85	7.44	Engine and Other Machine Assemblers	\$12.21	14.24	16.62
Baggage Porters and Bellhops	\$6.95	8.15	8.78	Etchers and Engravers	\$13.41	12.70	11.08
Child Care Workers	\$8.35	7.99	8.06	Extruding, Forming, Pressing, and Compacting Machine Setters, Operators, and Tenders	\$10.06	---	13.46
First-Line Supervisors/Managers of Personal Service Workers	\$13.12	14.76	14.54	First-Line Supervisors/Managers of Production and Operating Workers	\$17.69	21.65	21.65
Fitness Trainers and Aerobics Instructors	\$7.98	11.23	11.98	Food and Tobacco Roasting, Baking, and Drying Machine Operators and Tenders	\$13.13	12.62	12.02
Funeral Attendants	\$6.47	9.48	9.27	Food Batchmakers	\$11.53	11.98	10.88
Gaming and Sports Book Writers and Runners	\$7.30	9.59	9.25	Food Cooking Machine Operators and Tenders	\$10.89	11.40	10.35
Gaming Supervisors	\$13.32	12.36	19.79	Furnace, Kiln, Oven, Drier, and Kettle Operators and Tenders	\$18.90	19.50	14.67
Gaming Workers, All Other	\$10.02	9.55	---				
Hairdressers, Hairstylists, and Cosmetologists	\$8.24	11.85	9.40				
Manicurists and Pedicurists	\$8.17	8.76	8.52				
Nonfarm Animal Caretakers	\$6.98	8.32	8.56				

Note: For explanation of wage symbols, see the Methodology section on page 11.

Occupational Title	Median Wage		
	Northwest	State	US
Gas Plant Operators	\$25.76	23.46	24.33
Grinding and Polishing Workers, Hand	\$12.88	14.67	11.49
Grinding, Lapping, Polishing, & Buffing Machine Tool Setters, Operators, & Tenders, Metal & Plastic	\$11.45	13.97	13.38
Helpers--Production Workers	\$10.32	10.80	9.76
Inspectors, Testers, Sorters, Samplers, and Weighers	\$12.61	15.45	13.83
Job Printers	\$16.78	17.96	15.36
Lathe and Turning Machine Tool Setters, Operators, and Tenders, Metal and Plastic	\$13.99	16.67	14.91
Laundry and Dry-Cleaning Workers	\$9.02	10.59	8.40
Machinists	\$14.96	18.61	16.47
Meat, Poultry, and Fish Cutters and Trimmers	\$10.96	9.65	9.17
Milling and Planing Machine Setters, Operators, and Tenders, Metal and Plastic	\$13.46	17.94	14.92
Mixing and Blending Machine Setters, Operators, and Tenders	\$12.38	16.42	13.81
Molding, Coremaking, and Casting Machine Setters, Operators, and Tenders, Metal and Plastic	\$12.15	14.16	11.92
Multiple Machine Tool Setters, Operators, and Tenders, Metal and Plastic	\$12.75	15.49	14.26
Numerical Tool and Process Control Programmers	\$16.09	20.33	19.31
Packaging and Filling Machine Operators and Tenders	\$11.49	11.77	10.88
Painters, Transportation Equipment	\$14.32	16.71	17.02
Painting, Coating, and Decorating Workers	\$10.16	10.48	11.05
Paper Goods Machine Setters, Operators, and Tenders	\$10.49	15.06	14.53
Patternmakers, Wood	\$10.85	11.31	15.14
Petroleum Pump System Operators, Refinery Operators, and Gaugers	\$16.81	20.97	24.54
Photographic Process Workers	\$13.45	14.11	10.03
Photographic Processing Machine Operators	\$8.98	11.07	9.42
Power Distributors and Dispatchers	\$27.62	26.17	27.90
Prepress Technicians and Workers	\$16.75	17.10	15.63
Pressers, Textile, Garment, and Related Materials	\$9.96	10.53	8.45
Printing Machine Operators	\$12.16	16.35	14.73
Production Workers, All Other	\$10.93	13.06	---

Occupational Title	Median Wage		
	Northwest	State	US
Sawing Machine Setters, Operators, and Tenders, Wood	\$12.68	13.53	11.13
Separating, Filtering, Clarifying, Precipitating, and Still Machine Setters, Operators, and Tenders	\$10.95	14.30	16.00
Sewing Machine Operators	\$10.62	11.27	8.79
Stationary Engineers and Boiler Operators	\$19.80	21.69	21.51
Structural Metal Fabricators and Fitters	\$14.78	15.85	14.31
Tailors, Dressmakers, and Custom Sewers	\$9.48	13.15	10.64
Team Assemblers	\$12.77	12.93	11.60
Tool and Die Makers	\$18.91	22.64	21.00
Tool Grinders, Filers, and Sharpeners	\$17.19	15.78	14.70
Upholsterers	\$10.13	12.55	12.34
Water and Liquid Waste Treatment Plant and System Operators	\$13.99	18.08	16.76
Welders, Cutters, Solderers, and Brazers	\$14.39	16.47	14.82
Welding, Soldering, and Brazing Machine Setters, Operators, and Tenders	\$14.64	15.22	14.45
Woodworking Machine Setters, Operators, and Tenders, Except Sawing	\$12.72	12.92	11.10
Protective Service			
Animal Control Workers	\$13.34	15.71	12.60
Bailiffs	\$11.54	11.92	16.69
Correctional Officers and Jailers	\$15.84	18.19	16.18
Detectives and Criminal Investigators	\$25.56	27.79	25.98
Fire Fighters	\$13.55	13.38	18.22
First-Line Supervisors/Managers of Correctional Officers	\$20.68	26.96	21.56
First-Line Supervisors/Managers of Fire Fighting and Prevention Workers	\$16.25	27.79	27.91
First-Line Supervisors/Managers of Police and Detectives	\$24.20	30.24	30.77
First-Line Supervisors/Managers of Protective Service Workers, Except Police, Fire and Corrections	\$8.53	16.91	---
Fish and Game Wardens	\$27.76	28.14	20.66
Police and Sheriff's Patrol Officers	\$18.38	22.60	21.68
Private Detectives and Investigators	\$15.45	14.16	14.84
Protective Service Workers, All Other	\$8.50	11.56	---

Note: For explanation of wage symbols, see the Methodology section on page 11.

Occupational Title	Median Wage			Occupational Title	Median Wage		
	Northwest	State	US		Northwest	State	US
Security Guards	\$10.26	10.73	9.72	First-Line Supervisors/Managers of Transportation and Material-Moving Machine and Vehicle Operators	\$16.50	20.22	21.76
Sales & Related				Industrial Truck and Tractor Operators	\$12.90	14.74	12.98
Advertising Sales Agents	\$13.47	17.57	19.41	Laborers and Freight, Stock, and Material Movers, Hand	\$10.17	11.61	9.79
Cashiers	\$7.33	8.33	7.91	Machine Feeders and Offbearers	\$12.65	13.11	10.79
Counter and Rental Clerks	\$7.27	8.22	8.80	Material Moving Workers, All Other	\$11.14	12.82	---
Demonstrators and Product Promoters	\$8.71	9.32	10.04	Motor Vehicle Operators, All Other	\$8.72	9.00	---
First-Line Supervisors/Managers of Non-Retail Sales Workers	\$25.58	33.90	28.07	Packers and Packagers, Hand	\$8.40	9.16	8.32
First-Line Supervisors/Managers of Retail Sales Workers	\$14.32	15.33	15.63	Refuse and Recyclable Material Collectors	\$11.55	14.97	12.29
Insurance Sales Agents	\$17.83	21.68	19.99	Service Station Attendants	\$7.53	9.01	8.37
Parts Salespersons	\$11.21	13.06	12.29	Taxi Drivers and Chauffeurs	\$11.19	9.75	9.44
Real Estate Sales Agents	\$24.06	20.05	16.75	Transportation Workers, All Other	\$6.83	11.96	---
Retail Salespersons	\$8.35	9.28	9.08	Truck Drivers, Heavy and Tractor-Trailer	\$14.09	17.23	16.31
Sales and Related Workers, All Other	\$15.95	20.17	---	Truck Drivers, Light or Delivery Services	\$10.42	13.21	11.89
Sales Engineers	\$29.26	32.42	33.92				
Sales Representatives, Wholesale and Manufacturing, Except Technical and Scientific Products	\$19.50	26.07	22.05				
Sales Representatives, Wholesale and Manufacturing, Technical and Scientific Products	\$27.76	30.95	28.63				
Securities, Commodities, and Financial Services Sales Agents	\$27.98	35.36	31.04				
Telemarketers	\$8.46	10.42	10.04				
Transportation & Material Moving							
Bus Drivers, School	\$13.21	12.89	11.15				
Bus Drivers, Transit and Intercity	\$13.60	15.43	14.25				
Cleaners of Vehicles and Equipment	\$9.19	9.29	8.50				
Commercial Pilots	\$54,041	---	52,438				
Conveyor Operators and Tenders	\$13.22	13.76	12.42				
Crane and Tower Operators	\$14.26	20.05	18.02				
Driver/Sales Workers	\$13.23	11.92	9.99				
Excavating and Loading Machine and Dragline Operators	\$15.74	21.44	15.61				
First-Line Supervisors/Managers of Helpers, Laborers, and Material Movers, Hand	\$16.83	19.22	18.71				

Note: For explanation of wage symbols, see the Methodology section on page 11.

2004 Minnesota Occupational Wage Survey Methodology

Data in this brochure come from the bi-annual Occupational Employment Statistics (OES) Wage Survey, which measures employment and wage rates for workers in non-farm establishments statewide. This brochure contains the publishable median wages from the Northwest Planning Region, Minnesota, and the U.S. from the 2000, 2001, 2002, 2003 second quarter (wages from 2000, 2001, 2002, and 2003 second quarter are updated to 2003 fourth quarter), and 2003 fourth quarter survey rounds combined.

Counties within the Northwest Planning Region include Becker, Beltrami, Cass, Clay, Clearwater, Crow Wing, Douglas, Grant, Hubbard, Kittson, Lake of the Woods, Mahnommen, Marshall, Morrison, Norman, Otter Tail, Pennington, Polk, Pope, Red Lake, Roseau, Stevens, Todd, Traverse, Wadena, and Wilkin. The statewide response rate for the four years combined was 77.1 percent (20,300 responses out of 26,326 establishments surveyed). In the Northwest Planning Region alone, 3,037 firms were surveyed about their employment and wages.

The semi-annual OES survey is mailed to selected establishments to obtain data from every Metropolitan Statistical Area (MSA) and the rest (balance) of the state, across all surveyed industries. The wages were then escalated to the third quarter of 2004 using ECI factors as published by the Bureau of Labor Statistics (BLS). This escalating procedure is intended to provide a more current representation of the wage.

The survey is conducted by the Minnesota Department of Employment and Economic Development's (DEED) Labor Market Information office in cooperation with the U.S. Department of Labor's Bureau of Labor Statistics (BLS). In addition to preparing and mailing the surveys, DEED staff makes follow-up phone calls to request data from non-respondents or to clarify data. Collected data are then used to calculate national, statewide, MSA, balance of state, and planning region estimates.

Data Notes:

Dash (- - -) indicates data did not meet confidentiality and/or reliability requirements.

>70.00 indicates a median wage greater than \$70.00 an hour.
>145,600 indicates a median wage greater than \$145,600 annually.

Occupations that do not report hourly wages (e.g. Teachers) have annual wages presented.

How to Obtain the Complete 2004 Minnesota Salary Survey

The 2004 Minnesota Salary Survey includes data for the State, its Metropolitan Statistical Areas (MSAs), the Balance of State and the United States. Occupational employment and six wage estimates (a mean wage and the 10th, 25th, 50th, 75th and 90th percentiles) are included for each occupation.

Visit <http://www.deed.state.mn.us/lmi/tools/oes/> to obtain the full data set.

For further information or analyst assistance, call our Labor Market Information Helpline:

Northwest Regional Analyst: 218.333.8234
Twin Cities Metropolitan Area Helpline: 651.282.2714
Toll-free Greater Minnesota: 1.888.234.1114

These data are also available in alternative formats such as large print, Braille, computer diskette or audio tape upon request.

MINNESOTA DEPARTMENT
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LABOR MARKET INFORMATION OFFICE

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