

2003

Minnesota

SALARY SURVEY

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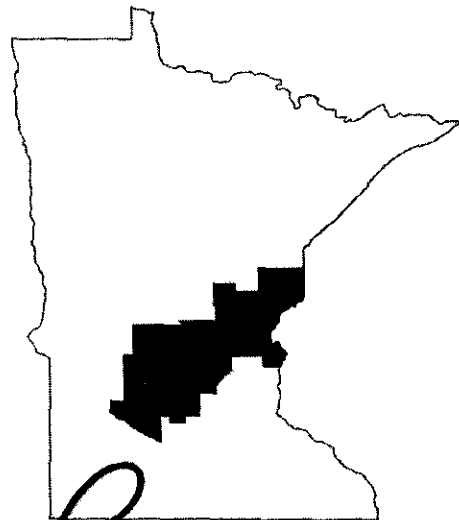


MINNESOTA
DEPARTMENT
OF
EMPLOYMENT
AND
ECONOMIC
DEVELOPMENT

LABOR MARKET
INFORMATION
OFFICE

IN COOPERATION
WITH THE

UNITED STATES
DEPARTMENT
OF LABOR



**CENTRAL
PLANNING REGION**

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

February 2004

Occupational Title	Median Wage			Occupational Title	Median Wage		
	Central	State	US		Central	State	US
Architecture & Engineering				Interior Designers	\$13.75	20.59	19.41
All Other Drafters, Engineering, and Mapping Technicians	\$18.51	21.15	---	Interpreters and Translators	\$16.75	16.29	16.15
Architects, Except Landscape and Naval	\$25.97	27.85	28.05	Media and Communication Equipment Workers, All Other	\$10.40	15.91	---
Architectural and Civil Drafters	\$19.42	18.87	18.50	Media and Communication Workers, All Other	\$62.24	23.24	---
Biomedical Engineers	\$36.48	30.79	29.93	Merchandise Displayers and Window Trimmers	\$11.43	11.65	11.17
Chemical Engineers	\$32.09	32.04	35.91	Multi-Media Artists and Animators	\$10.79	21.28	21.78
Civil Engineering Technicians	\$20.36	21.38	18.68	News Analysts, Reporters and Correspondents	\$13.89	13.57	15.12
Civil Engineers	\$27.25	27.85	29.76	Photographers	\$15.06	14.99	11.91
Electrical and Electronic Engineering Technicians	\$17.03	20.81	21.28	Public Relations Specialists	\$19.66	21.84	20.66
Electrical and Electronics Drafters	\$17.32	20.40	20.36	Technical Writers	\$19.30	25.78	25.06
Electrical Engineers	\$29.57	33.44	33.78	Writers and Authors	\$27.83	21.10	21.20
Electronics Engineers, Except Computer Engineers, All Other	\$27.86	34.61	34.64	Building & Grounds Cleaning & Maintenance			
Environmental Engineering Technicians	\$20.87	20.30	18.26	All Other Building and Grounds Cleaning and Maintenance Workers	\$10.09	9.85	---
Environmental Engineers	\$31.10	30.10	30.42	First-Line Supervisors/Managers of Housekeeping and Janitorial Workers	\$14.43	14.22	13.94
Health and Safety Engineers, Except Mining Safety Engineers and Inspectors	\$36.12	33.18	28.74	First-Line Supervisors/Managers of Landscaping, Lawn Service, and Groundskeeping Workers	\$16.93	17.79	16.37
Industrial Engineering Technicians	\$21.81	20.31	20.76	Grounds Maintenance Workers, All Other	\$11.22	11.80	---
Industrial Engineers	\$24.24	30.09	30.79	Janitors and Cleaners, Except Maids and Housekeeping Cleaners	\$9.90	9.92	9.04
Materials Engineers	\$30.43	29.87	31.01	Landscaping and Groundskeeping Workers	\$9.86	11.31	9.80
Mechanical Drafters	\$19.04	19.84	20.18	Maids and Housekeeping Cleaners	\$8.34	8.74	8.14
Mechanical Engineers	\$28.08	29.57	31.15	Pesticide Handlers, Sprayers, and Applicators, Vegetation	\$11.22	12.12	12.30
Surveying and Mapping Technicians	\$10.86	16.07	14.48	Business & Financial Operations			
Surveyors	\$22.83	21.35	19.81	Accountants and Auditors	\$22.41	24.23	23.29
Arts, Design, Entertainment, Sports, & Media				All Other Business Operations and Human Resources Specialists	\$19.63	22.67	---
All Other Art and Design Workers	\$12.31	16.73	---	Appraisers and Assessors of Real Estate	\$39.38	25.94	20.69
Announcers	\$8.97	10.03	10.21	Budget Analysts	\$23.15	25.33	26.00
Art Directors	\$25.80	30.19	30.65	Claims Adjusters, Examiners, and Investigators	\$21.13	20.31	21.31
Audio and Video Equipment Technicians	\$17.85	19.78	15.42	Compensation, Benefits, and Job Analysis Specialists	\$21.22	21.21	22.34
Coaches and Scouts	\$20,024	30,465	28,730	Compliance Officers, Except Agriculture, Construction, Health and Safety, and Transportation	\$18.84	25.09	22.20
Editors	\$14.40	20.16	20.39	Cost Estimators	\$22.66	22.73	23.56
Entertainers and Performers, Sports and Related Workers, All Other	\$18,798	22,390	---	Credit Analysts	\$18.98	22.55	21.26
Fine Artists, Including Painters, Sculptors, and Illustrators	\$14.97	19.39	17.47				
Floral Designers	\$8.25	9.89	9.66				
Graphic Designers	\$13.82	18.07	18.18				

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

Occupational Title	Median Wage			Occupational Title	Median Wage		
	Central	State	US		Central	State	US
Emergency Management Specialists	\$27.23	23.26	21.58	Network and Computer Systems Administrators	\$25.34	26.89	27.15
Employment, Recruitment, and Placement Specialists	\$17.26	22.13	19.53	Network Systems and Data Communications Analysts	\$25.12	28.39	28.95
Financial Analysts	\$26.53	30.31	28.29	Operations Research Analysts	\$18.83	22.59	28.19
Financial Specialists, All Other	\$19.59	23.24	---	Construction & Extraction			
Insurance Underwriters	\$21.11	24.14	22.59	All Other Construction Trades and Related Workers	\$15.18	18.77	---
Loan Counselors	\$18.84	15.66	15.86	Brickmasons and Blockmasons	\$27.38	26.35	20.72
Loan Officers	\$25.62	22.41	21.79	Carpenters	\$16.82	19.18	16.94
Management Analysts	\$30.42	31.95	29.89	Carpet Installers	\$17.38	23.93	16.15
Meeting and Convention Planners	\$16.36	19.10	18.54	Cement Masons and Concrete Finishers	\$22.34	20.95	15.19
Personal Financial Advisors	\$18.95	25.02	28.08	Construction and Building Inspectors	\$22.22	24.66	20.62
Purchasing Agents and Buyers, Farm Products	\$18.79	22.94	20.26	Construction Laborers	\$15.38	18.31	12.26
Purchasing Agents, Except Wholesale, Retail, and Farm Products	\$20.15	23.19	22.34	Drywall and Ceiling Tile Installers	\$19.70	23.12	16.70
Tax Examiners, Collectors, and Revenue Agents	\$25.35	26.03	20.93	Earth Drillers, Except Oil and Gas	\$17.25	16.71	16.10
Training and Development Specialists	\$18.63	22.23	21.21	Electricians	\$24.77	27.34	20.51
Wholesale and Retail Buyers, Except Farm Products	\$19.76	21.91	20.20	First-Line Supervisors/Managers of Construction Trades and Extraction Workers	\$24.72	26.49	23.62
Community & Social Services				Glaziers	\$23.64	18.94	15.66
All Other Counselors, Social and Religious Workers	\$17.17	16.45	---	Hazardous Materials Removal Workers	\$22.05	20.58	16.09
Child, Family, and School Social Workers	\$16.86	18.27	16.43	Helpers, Construction Trades, All Other	\$12.78	16.80	---
Clergy	\$19.62	18.95	16.41	Helpers--Brickmasons, Blockmasons, Stonemasons, and Tile and Marble Setters	\$15.90	20.62	12.09
Educational, Vocational, and School Counselors	\$18.88	17.46	21.85	Helpers--Carpenters	\$13.01	12.65	10.66
Health Educators	\$16.18	19.47	17.96	Helpers--Electricians	\$16.58	13.60	11.44
Medical and Public Health Social Workers	\$18.17	17.41	18.52	Helpers--Extraction Workers	\$11.88	11.55	12.49
Mental Health and Substance Abuse Social Workers	\$19.98	19.45	16.27	Helpers--Painters, Paperhangers, Plasterers, and Stucco Masons	\$13.04	13.98	9.95
Mental Health Counselors	\$16.45	16.33	14.83	Helpers--Roofers	\$10.78	12.50	10.15
Probation Officers and Correctional Treatment Specialists	\$22.00	24.22	19.00	Highway Maintenance Workers	\$14.64	17.46	14.07
Rehabilitation Counselors	\$11.11	14.49	12.81	Insulation Workers	\$13.12	17.72	14.33
Social and Human Service Assistants	\$10.87	11.90	11.58	Operating Engineers and Other Construction Equipment Operators	\$16.84	20.67	17.46
Substance Abuse and Behavioral Disorder Counselors	\$17.64	17.09	14.95	Painters, Construction and Maintenance	\$17.12	18.53	14.41
Computer & Mathematical				Paving, Surfacing, and Tamping Equipment Operators	\$16.06	19.61	14.29
Computer Programmers	\$20.52	28.28	29.86	Pipelayers	\$23.16	21.08	14.12
Computer Software Engineers, Applications	\$25.14	34.77	35.13	Plumbers, Pipefitters, and Steamfitters	\$23.93	26.08	19.90
Computer Specialists, All Other	\$24.78	30.54	---	Roofers	\$14.52	17.35	14.95
Computer Support Specialists	\$16.36	19.39	19.37	Sheet Metal Workers	\$20.86	21.44	17.13
Computer Systems Analysts	\$27.53	30.92	31.16	Structural Iron and Steel Workers	\$26.04	29.28	20.15
Database Administrators	\$21.72	28.12	27.49	Tapers	\$20.14	24.05	19.32

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

Occupational Title	Median Wage			Occupational Title	Median Wage		
	Central	State	US		Central	State	US
Tile and Marble Setters	\$15.18	20.83	17.72	Fallers	\$13.37	11.09	13.95
Education, Training, & Library				Farming, Fishing, and Forestry Workers, All Other	\$9.49	11.12	---
Adult Literacy, Remedial Education, and GED Teachers and Instructors	\$17.17	19.62	18.03	Farmworkers and Laborers, Crop, Nursery, and Greenhouse	\$8.38	9.67	7.46
All Other Teachers, Primary, Secondary, and Adult	\$23,866	31,427	---	Farmworkers, Farm and Ranch Animals	\$10.69	10.04	8.47
Archivists, Curators, and Museum Technicians	\$25.03	19.07	17.48	First-Line Supervisors/Managers of Farming, Fishing, and Forestry Workers	\$18.96	19.25	16.93
Art, Drama, and Music Teachers, Postsecondary	\$49,702	45,527	49,009	Graders and Sorters, Agricultural Products	\$10.54	9.95	7.90
Audio-Visual Collections Specialists	\$23.49	23.24	16.03	Logging Equipment Operators	\$13.25	12.47	13.27
Business Teachers, Postsecondary	\$53,014	57,336	56,625	Food Preparation & Serving-Related			
Chemistry Teachers, Postsecondary	\$44,755	57,063	56,635	Bartenders	\$6.78	7.46	7.43
Elementary School Teachers, Except Special Education	\$45,529	43,246	43,053	Chefs and Head Cooks	\$11.55	14.31	13.84
Foreign Language and Literature Teachers, Postsecondary	\$50,565	49,675	47,587	Combined Food Preparation and Serving Workers, Including Fast Food	\$7.05	7.51	7.18
History Teachers, Postsecondary	\$46,152	54,107	53,368	Cooks, Fast Food	\$7.24	7.74	7.11
Instructional Coordinators	\$26.01	25.86	23.46	Cooks, Institution and Cafeteria	\$11.37	10.67	8.99
Kindergarten Teachers, Except Special Education	\$43,192	41,874	41,023	Cooks, Restaurant	\$8.70	9.98	9.44
Librarians	\$19.36	21.46	21.35	Cooks, Short Order	\$6.88	9.03	8.06
Library Technicians	\$11.71	13.41	11.93	Counter Attendants, Cafeteria, Food Concession, and Coffee Shop	\$7.02	7.49	7.54
Middle School Teachers, Except Special and Vocational Education	\$44,847	40,867	43,095	Dining Room and Cafeteria Attendants and Bartender Helpers	\$7.71	7.20	7.20
Nursing Instructors and Teachers, Postsecondary	\$48,493	51,969	51,936	Dishwashers	\$6.72	7.42	7.37
Philosophy and Religion Teachers, Postsecondary	\$47,075	46,940	50,504	First-Line Supervisors/Managers of Food Preparation and Serving Workers	\$9.23	12.07	12.09
Political Science Teachers, Postsecondary	\$50,531	61,663	58,974	Food Preparation and Serving Related Workers, All Other	\$8.44	7.97	---
Postsecondary Teachers, All Other	\$46,738	51,017	---	Food Preparation Workers	\$8.44	9.00	8.09
Preschool Teachers, Except Special Education	\$8.94	11.52	9.54	Food Servers, Nonrestaurant	\$6.81	8.32	7.75
Secondary School Teachers, Except Special and Vocational Education	\$43,081	43,350	45,289	Hosts and Hostesses, Restaurant, Lounge, and Coffee Shop	\$6.90	8.23	7.58
Self-Enrichment Education Teachers	\$14.63	17.46	14.52	Waiters and Waitresses	\$6.43	6.62	7.01
Special Education Teachers, Middle School	\$39,296	41,085	42,610	Healthcare Practitioners & Technical			
Special Education Teachers, Preschool, Kindergarten, and Elementary School	\$45,902	44,488	43,991	All Other Health Diagnosing and Treating Practitioners	\$22.31	20.92	---
Special Education Teachers, Secondary School	\$42,678	42,763	45,475	All Other Health Professionals and Technicians	\$17.32	18.84	---
Teacher Assistants	\$21,410	21,634	19,229	Anesthesiologists	>\$70.00	65.40	>70.00
Vocational Education Teachers, Middle School	\$51,335	42,141	43,888	Audiologists	\$19.86	22.07	23.98
Vocational Education Teachers, Secondary School	\$46,599	44,707	45,691	Chiropractors	\$34.13	26.65	32.37
Farming, Fishing, & Forestry							
Agricultural Equipment Operators	\$12.71	11.67	8.56				
Agricultural Inspectors	\$19.59	18.23	14.18				

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

Occupational Title	Median Wage			Occupational Title	Median Wage		
	Central	State	US		Central	State	US
Dental Hygienists	\$25.67	28.75	27.40	Massage Therapists	\$16.49	21.67	14.17
Dentists	>\$70.00	65.14	61.05	Medical Assistants	\$12.64	12.95	11.86
Diagnostic Medical Sonographers	\$26.14	25.89	24.11	Medical Equipment Preparers	\$12.63	11.65	11.38
Dietitians and Nutritionists	\$20.33	21.41	20.39	Medical Transcriptionists	\$12.98	14.37	13.45
Emergency Medical Technicians and Paramedics	\$11.35	12.61	11.90	Nursing Aides, Orderlies, and Attendants	\$10.48	11.29	9.88
Family and General Practitioners	>\$70.00	>70.00	64.70	Occupational Therapist Assistants	\$14.04	16.27	18.16
Internists, General	\$64.07	68.56	>70.00	Pharmacy Aides	\$8.10	9.83	9.13
Licensed Practical and Licensed Vocational Nurses	\$15.26	15.54	15.58	Physical Therapist Aides	\$10.98	10.97	10.24
Medical and Clinical Laboratory Technicians	\$16.68	16.53	14.39	Physical Therapist Assistants	\$15.86	16.45	17.87
Medical and Clinical Laboratory Technologists	\$23.28	21.02	21.26	Veterinary Assistants and Laboratory Animal Caretakers	\$8.76	8.39	8.81
Medical Records and Health Information Technicians	\$12.27	12.62	11.84	Installation, Maintenance, & Repair			
Nuclear Medicine Technologists	\$23.42	25.48	24.15	Aircraft Mechanics and Service Technicians	\$16.41	- - -	21.34
Occupational Health and Safety Specialists and Technicians	\$23.91	24.88	22.79	All Other Vehicle and Mobile Equipment Mechanics, Installers, and Repairers	\$12.44	19.34	- - -
Occupational Therapists	\$23.46	23.82	25.75	Automotive Body and Related Repairers	\$16.32	18.29	16.19
Opticians, Dispensing	\$12.34	12.95	12.69	Automotive Service Technicians and Mechanics	\$14.33	15.28	15.16
Optometrists	>\$70.00	41.44	42.65	Bus and Truck Mechanics and Diesel Engine Specialists	\$16.16	18.00	17.03
Pediatricians, General	\$69.04	67.70	66.06	Coin, Vending, and Amusement Machine Servicers and Repairers	\$13.71	13.05	13.56
Pharmacists	\$39.51	38.71	38.17	Computer, Automated Teller, and Office Machine Repairers	\$17.92	17.32	16.47
Pharmacy Technicians	\$11.62	13.48	11.03	Electric Motor, Power Tool, and Related Repairers	\$12.61	19.45	15.96
Physical Therapists	\$26.83	26.87	28.40	Electrical and Electronics Repairers, Commercial and Industrial Equipment	\$18.03	21.54	20.37
Physician Assistants	\$32.66	33.61	32.04	Electrical Power-Line Installers and Repairers	\$26.56	26.39	24.04
Physicians and Surgeons, All Other	>\$70.00	>70.00	- - -	Electronic Home Entertainment Equipment Installers and Repairers	\$10.19	10.41	13.48
Podiatrists	\$69.36	62.46	47.00	Farm Equipment Mechanics	\$13.70	14.06	13.43
Psychiatrists	\$35.80	53.62	64.87	First-Line Supervisors/Managers of Mechanics, Installers, and Repairers	\$21.94	23.62	23.57
Radiologic Technologists and Technicians	\$19.59	20.86	19.31	Heating, Air Conditioning, and Refrigeration Mechanics and Installers	\$20.82	18.91	17.29
Recreational Therapists	\$16.37	16.63	15.13	Helpers--Installation, Maintenance, and Repair Workers	\$11.40	11.12	10.62
Registered Nurses	\$24.76	25.63	23.82	Home Appliance Repairers	\$16.88	17.98	15.06
Respiratory Therapists	\$22.61	22.46	19.93	Industrial Machinery Mechanics	\$17.47	19.95	18.82
Speech-Language Pathologists	\$20.93	23.11	24.49	Installation, Maintenance, and Repair Workers, All Other	\$16.49	16.29	- - -
Surgeons	>\$70.00	>70.00	>70.00	Maintenance and Repair Workers, General	\$15.45	16.14	14.55
Surgical Technologists	\$17.88	18.92	15.46	Maintenance Workers, Machinery	\$15.64	15.93	16.11
Veterinarians	\$27.38	32.34	31.25	Manufactured Building and Mobile Home Installers	\$14.18	12.14	11.48
Veterinary Technologists and Technicians	\$11.00	12.41	11.37				
Healthcare Support							
Dental Assistants	\$14.13	15.98	13.50				
Healthcare Support Workers, All Other	\$11.84	12.36	- - -				
Home Health Aides	\$9.81	9.86	8.97				

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

Occupational Title	Median Wage			Occupational Title	Median Wage		
	Central	State	US		Central	State	US
Medical Equipment Repairers	\$20.49	18.29	18.02	Zoologists and Wildlife Biologists	\$25.31	23.96	23.65
Millwrights	\$25.54	23.27	20.81				
Mobile Heavy Equipment Mechanics, Except Engines	\$18.38	19.92	17.82	Management			
Motorboat Mechanics	\$14.67	15.72	14.40	Administrative Services Managers	\$29.50	33.52	26.01
Motorcycle Mechanics	\$13.69	13.73	13.43	Advertising and Promotions Managers	\$28.64	36.72	28.31
Outdoor Power Equipment and Other Small Engine Mechanics	\$9.61	12.88	12.29	Chief Executives	\$59.86	>70.00	62.55
Recreational Vehicle Service Technicians	\$14.26	13.75	13.42	Computer and Information Systems Managers	\$36.74	45.19	42.23
Riggers	\$25.12	19.82	16.75	Construction Managers	\$32.42	34.64	31.46
Telecommunications Equipment Installers and Repairers, Except Line Installers	\$26.53	25.50	23.47	Education Administrators, Elementary and Secondary School	\$80,911	79,720	73,669
Telecommunications Line Installers and Repairers	\$13.64	16.63	19.64	Education Administrators, Postsecondary	\$36.95	35.05	32.03
Tire Repairers and Changers	\$8.84	9.91	9.99	Education Administrators, Preschool and Child Care Center/Program	\$14.96	16.12	16.52
				Engineering Managers	\$37.70	45.27	45.04
Legal				Financial Managers	\$37.04	42.58	36.33
All Other Legal and Related Workers	\$16.44	20.67	- - -	Food Service Managers	\$13.13	19.19	17.73
Court Reporters	\$27.25	28.12	20.59	Funeral Directors	\$26.52	24.21	21.49
Law Clerks	\$19.87	19.65	15.10	General and Operations Managers	\$29.90	36.16	33.80
Lawyers	\$28.64	41.26	44.73	Human Resources Managers	\$32.99	39.18	32.06
Paralegals and Legal Assistants	\$15.75	19.72	18.81	Industrial Production Managers	\$29.55	35.65	33.36
Title Examiners, Abstractors, and Searchers	\$15.24	16.33	16.16	Legislators	\$19,254	14,435	7.54
				Lodging Managers	\$13.17	16.57	16.83
Life, Physical, & Social Science				Managers, All Other	\$28.69	37.57	- - -
Agricultural and Food Science Technicians	\$13.87	14.59	14.16	Marketing Managers	\$37.79	47.46	38.77
Agricultural and Food Scientists	\$21.84	23.63	24.11	Medical and Health Services Managers	\$32.29	32.23	30.40
All Other Life, Physical, and Social Science Technicians	\$16.71	19.33	- - -	Natural Sciences Managers	\$31.63	38.02	40.75
Biological Technicians	\$17.03	15.73	16.21	Postmasters and Mail Superintendents	\$25.45	24.15	24.05
Chemical Technicians	\$21.26	17.20	18.55	Property, Real Estate, and Community Association Managers	\$22.26	20.15	18.27
Chemists	\$25.04	28.17	26.21	Public Relations Managers	\$30.15	34.22	30.04
Clinical, Counseling, and School Psychologists	\$25.68	23.21	25.35	Purchasing Managers	\$30.97	35.30	29.67
Conservation Scientists	\$25.03	25.83	24.94	Sales Managers	\$44.18	44.29	37.18
Environmental Scientists and Specialists, Including Health	\$19.50	24.05	23.58	Social and Community Service Managers	\$24.97	23.52	21.34
Forest and Conservation Technicians	\$12.97	15.21	15.35	Transportation, Storage, and Distribution Managers	\$29.26	31.92	29.55
Foresters	\$21.73	24.85	23.15				
Hydrologists	\$23.97	29.89	28.01	Office & Administrative Support			
Life Scientists, All Other	\$20.51	22.70	- - -	All Other Financial, Information, and Record Clerks	\$13.10	13.67	- - -
Market Research Analysts	\$22.94	27.33	26.66	All Other Material Recording, Scheduling, Dispatching, and Distributing Workers	\$12.16	13.29	- - -
Social Scientists and Related Workers, All Other	\$26.36	28.27	- - -				
Urban and Regional Planners	\$31.86	27.28	24.71				

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

Occupational Title	Median Wage			Occupational Title	Median Wage		
	Central	State	US		Central	State	US
All Other Secretaries, Administrative Assistants, and Other Office Support Workers	\$12.84	12.50	---	Postal Service Mail Sorters, Processors, and Processing Machine Operators	\$18.85	18.96	18.90
Billing and Posting Clerks and Machine Operators	\$12.79	13.80	12.93	Procurement Clerks	\$12.70	13.81	14.66
Bookkeeping, Accounting, and Auditing Clerks	\$13.81	14.53	13.56	Production, Planning, and Expediting Clerks	\$15.82	17.87	16.67
Brokerage Clerks	\$13.15	14.84	16.46	Proofreaders and Copy Markers	\$12.91	12.34	12.04
Cargo and Freight Agents	\$14.17	16.65	15.56	Receptionists and Information Clerks	\$10.46	11.39	10.48
Communications Equipment Operators, All Other	\$12.82	---	---	Reservation and Transportation Ticket Agents and Travel Clerks	\$8.83	---	12.56
Computer Operators	\$12.15	15.45	14.69	Secretaries, Except Legal, Medical, and Executive	\$13.33	14.94	12.53
Correspondence Clerks	\$10.91	13.76	12.86	Shipping, Receiving, and Traffic Clerks	\$11.96	12.94	11.60
Couriers and Messengers	\$10.11	---	9.60	Statistical Assistants	\$17.47	15.40	14.60
Court, Municipal, and License Clerks	\$13.60	14.90	13.52	Stock Clerks and Order Fillers	\$8.60	10.00	9.54
Customer Service Representatives	\$11.73	14.02	13.00	Switchboard Operators, Including Answering Service	\$9.97	11.44	10.50
Data Entry Keyers	\$10.94	11.68	11.10	Telephone Operators	\$15.13	11.71	14.17
Desktop Publishers	\$15.54	16.87	15.66	Tellers	\$9.73	10.15	10.11
Dispatchers, Except Police, Fire, and Ambulance	\$14.31	18.11	15.00	Weighers, Measurers, Checkers, and Samplers, Recordkeeping	\$10.58	11.53	11.97
Eligibility Interviewers, Government Programs	\$15.65	17.83	15.36	Word Processors and Typists	\$10.75	12.96	13.24
Executive Secretaries and Administrative Assistants	\$15.78	17.14	16.55	Personal Care & Service			
File Clerks	\$10.45	10.74	9.92	Amusement and Recreation Attendants	\$6.68	7.81	7.40
First-Line Supervisors/Managers of Office and Administrative Support Workers	\$17.74	20.04	19.23	Animal Trainers	\$8.11	11.11	11.37
Hotel, Motel, and Resort Desk Clerks	\$7.90	8.62	8.60	Baggage Porters and Bellhops	\$8.01	8.47	8.84
Human Resources Assistants, Except Payroll and Timekeeping	\$13.28	15.93	15.07	Child Care Workers	\$7.17	8.12	8.10
Insurance Claims and Policy Processing Clerks	\$13.71	14.35	14.30	Entertainment Attendants and Related Workers, All Other	\$9.14	9.02	---
Interviewers, Except Eligibility and Loan	\$11.30	11.70	10.75	First-Line Supervisors/Managers of Personal Service Workers	\$13.55	14.52	14.34
Legal Secretaries	\$13.80	20.38	17.35	Fitness Trainers and Aerobics Instructors	\$8.83	10.80	11.86
Library Assistants, Clerical	\$10.19	10.62	9.63	Gaming Supervisors	\$10.20	12.58	19.47
Loan Interviewers and Clerks	\$12.06	13.77	13.79	Gaming Workers, All Other	\$9.14	9.13	---
Mail Clerks and Mail Machine Operators, Except Postal Service	\$11.18	11.35	10.50	Hairdressers, Hairstylists, and Cosmetologists	\$10.19	10.82	9.40
Medical Secretaries	\$12.71	13.57	12.60	Manicurists and Pedicurists	\$9.03	8.87	8.58
Meter Readers, Utilities	\$19.12	19.89	14.28	Nonfarm Animal Caretakers	\$7.44	8.62	8.46
New Accounts Clerks	\$11.25	13.09	12.48	Personal and Home Care Aides	\$9.97	9.79	8.05
Office Clerks, General	\$10.52	12.02	11.04	Personal Care and Service Workers, All Other	\$8.75	8.76	---
Order Clerks	\$11.18	13.25	12.29	Recreation Workers	\$8.98	9.91	8.95
Payroll and Timekeeping Clerks	\$13.94	15.56	14.36	Skin Care Specialists	\$12.13	12.65	11.13
Police, Fire, and Ambulance Dispatchers	\$15.75	16.97	13.71	Tour Guides and Escorts	\$10.24	9.70	9.17
Postal Service Clerks	\$19.67	19.73	19.66				
Postal Service Mail Carriers	\$18.00	19.46	19.58				

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

Occupational Title	Median Wage			Occupational Title	Median Wage		
	Central	State	US		Central	State	US
Production				Helpers--Production Workers	\$11.47	10.75	9.53
All Other Food Processing Workers	\$9.90	10.06	---	Inspectors, Testers, Sorters, Samplers, and Weighers	\$12.90	14.94	13.41
Assemblers and Fabricators, All Other	\$14.02	12.28	---	Jewelers and Precious Stone and Metal Workers	\$13.10	14.44	13.01
Bakers	\$11.02	10.59	10.19	Lathe and Turning Machine Tool Setters, Operators, and Tenders, Metal and Plastic	\$19.15	15.94	14.99
Bindery Workers	\$14.44	12.82	10.83	Laundry and Dry-Cleaning Workers	\$8.96	9.73	8.32
Butchers and Meat Cutters	\$15.32	14.38	12.63	Machinists	\$17.35	17.51	16.14
Cabinetmakers and Bench Carpenters	\$14.41	14.27	11.89	Meat, Poultry, and Fish Cutters and Trimmers	\$9.79	9.04	8.83
Chemical Equipment Operators and Tenders	\$15.61	16.16	18.55	Metal Workers and Plastic Workers, All Other	\$15.71	13.43	---
Cleaning, Washing, and Metal Pickling Equipment Operators and Tenders	\$12.63	10.55	11.32	Mixing and Blending Machine Setters, Operators, and Tenders	\$15.01	15.77	13.63
Coating, Painting, and Spraying Machine Setters, Operators, and Tenders	\$14.17	15.02	12.53	Model Makers, Metal and Plastic	\$18.19	20.05	18.83
Computer-Controlled Machine Tool Operators, Metal and Plastic	\$13.91	16.54	14.40	Molding, Coremaking, and Casting Machine Setters, Operators, and Tenders, Metal and Plastic	\$13.83	13.55	11.51
Cutters and Trimmers, Hand	\$15.68	15.27	10.91	Multiple Machine Tool Setters, Operators, and Tenders, Metal and Plastic	\$14.25	16.61	14.21
Cutting and Slicing Machine Setters, Operators, and Tenders	\$12.85	14.02	12.73	Numerical Tool and Process Control Programmers	\$20.77	20.56	18.59
Dental Laboratory Technicians	\$15.54	15.44	14.12	Ophthalmic Laboratory Technicians	\$10.33	10.83	10.78
Drilling and Boring Machine Tool Setters, Operators, and Tenders, Metal and Plastic	\$12.94	15.03	13.63	Packaging and Filling Machine Operators and Tenders	\$10.97	11.96	10.51
Electromechanical Equipment Assemblers	\$14.55	13.94	12.52	Painters, Transportation Equipment	\$15.10	14.44	16.62
Engine and Other Machine Assemblers	\$18.39	15.21	14.45	Painting, Coating, and Decorating Workers	\$9.21	10.55	10.50
Extruding and Drawing Machine Setters, Operators, and Tenders, Metal and Plastic	\$13.79	13.76	12.82	Paper Goods Machine Setters, Operators, and Tenders	\$16.30	15.08	14.00
Extruding, Forming, Pressing, and Compacting Machine Setters, Operators, and Tenders	\$16.73	12.78	13.15	Photographic Processing Machine Operators	\$8.87	10.58	9.33
Fabric and Apparel Patternmakers	\$10.14	10.88	13.06	Plant and System Operators, All Other	\$19.09	19.04	---
Fiberglass Laminators and Fabricators	\$10.78	12.47	12.19	Plating and Coating Machine Setters, Operators, and Tenders, Metal and Plastic	\$11.99	14.52	12.59
First-Line Supervisors/Managers of Production and Operating Workers	\$20.44	21.40	21.27	Prepress Technicians and Workers	\$12.39	17.39	15.44
Food and Tobacco Roasting, Baking, and Drying Machine Operators and Tenders	\$14.77	13.88	11.52	Printing Machine Operators	\$14.85	17.07	14.38
Food Batchmakers	\$14.27	12.47	10.86	Production Workers, All Other	\$13.90	13.52	---
Food Cooking Machine Operators and Tenders	\$10.17	12.41	10.83	Rolling Machine Setters, Operators, and Tenders, Metal and Plastic	\$12.01	14.56	14.04
Furnace, Kiln, Oven, Drier, and Kettle Operators and Tenders	\$22.56	19.75	13.97	Sawing Machine Setters, Operators, and Tenders, Wood	\$12.97	12.37	10.94
Gas Plant Operators	\$23.92	23.37	23.95	Separating, Filtering, Clarifying, Precipitating, and Still Machine Setters, Operators, and Tenders	\$13.45	13.53	15.03
Grinding and Polishing Workers, Hand	\$12.08	12.96	11.38	Sewing Machine Operators	\$9.69	10.51	8.65
Grinding, Lapping, Polishing, & Buffing Machine Tool Setters, Operators, &Tenders, Metal & Plastic	\$13.70	14.14	12.94	Slaughterers and Meat Packers	\$10.07	10.18	10.09
				Stationary Engineers and Boiler Operators	\$20.56	20.71	21.42
				Structural Metal Fabricators and Fitters	\$16.26	15.40	14.18
				Tailors, Dressmakers, and Custom Sewers	\$6.86	12.60	11.01
				Team Assemblers	\$11.83	12.40	11.23

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

Occupational Title	Median Wage			Occupational Title	Median Wage		
	Central	State	US		Central	State	US
Textile, Apparel, and Furnishings Workers, All Other	\$11.26	9.68	---	Insurance Sales Agents	\$14.75	22.37	20.19
Tool and Die Makers	\$23.27	22.58	21.17	Models	\$9.76	7.12	10.60
Tool Grinders, Filers, and Sharpeners	\$15.79	15.30	14.57	Parts Salespersons	\$12.64	13.66	11.86
Upholsterers	\$12.96	13.55	12.22	Real Estate Brokers	\$17.43	18.16	24.94
Water and Liquid Waste Treatment Plant and System Operators	\$18.63	19.12	16.54	Real Estate Sales Agents	\$14.18	35.88	15.32
Welders, Cutters, Solderers, and Brazers	\$14.65	15.74	14.45	Retail Salespersons	\$8.97	9.00	8.77
Welding, Soldering, and Brazing Machine Setters, Operators, and Tenders	\$14.45	14.82	14.32	Sales and Related Workers, All Other	\$15.90	18.47	---
Woodworkers, All Other	\$9.79	11.85	---	Sales Engineers	\$29.59	35.82	31.54
Woodworking Machine Setters, Operators, and Tenders, Except Sawing	\$13.16	13.02	10.91	Sales Representatives, Services, All Other	\$21.52	23.81	---
				Sales Representatives, Wholesale and Manufacturing, Except Technical and Scientific Products	\$22.61	25.06	21.17
				Sales Representatives, Wholesale and Manufacturing, Technical and Scientific Products	\$28.23	31.03	27.62
				Securities, Commodities, and Financial Services Sales Agents	\$24.26	---	30.21
				Travel Agents	\$11.16	12.58	13.19
Protective Service				Transportation & Material Moving			
Bailiffs	\$11.81	12.44	16.21	Aircraft Cargo Handling Supervisors	\$18.44	19.47	18.45
Correctional Officers and Jailers	\$17.53	17.74	16.19	Bus Drivers, School	\$12.32	12.77	11.10
Crossing Guards	\$8.23	8.83	9.25	Bus Drivers, Transit and Intercity	\$11.08	16.38	14.65
Detectives and Criminal Investigators	\$25.06	27.26	25.46	Cleaners of Vehicles and Equipment	\$8.40	9.02	8.45
Fire Fighters	\$7.27	12.23	17.95	Conveyor Operators and Tenders	\$6.95	12.05	12.02
First-Line Supervisors/Managers of Correctional Officers	\$23.17	25.65	22.26	Crane and Tower Operators	\$16.92	17.37	18.00
First-Line Supervisors/Managers of Fire Fighting and Prevention Workers	\$26.76	27.45	27.47	Driver/Sales Workers	\$7.31	13.78	10.22
First-Line Supervisors/Managers of Police and Detectives	\$25.33	29.60	30.22	Excavating and Loading Machine and Dragline Operators	\$16.65	19.25	16.05
First-Line Supervisors/Managers of Protective Service Workers, Except Police, Fire and Corrections	\$18.29	15.10	---	First-Line Supervisors/Managers of Helpers, Laborers, and Material Movers, Hand	\$16.64	18.90	18.41
Police and Sheriff's Patrol Officers	\$19.32	21.93	20.94	First-Line Supervisors/Managers of Transportation and Material-Moving Machine and Vehicle Operators	\$19.52	20.07	21.26
Private Detectives and Investigators	\$11.10	13.04	14.52	Hoist and Winch Operators	\$24.44	18.66	15.55
Protective Service Workers, All Other	\$10.45	11.30	---	Industrial Truck and Tractor Operators	\$13.54	14.46	12.92
Security Guards	\$9.61	10.54	9.48	Laborers and Freight, Stock, and Material Movers, Hand	\$11.20	11.34	9.77
				Machine Feeders and Offbearers	\$11.69	12.29	10.82
Sales & Related				Material Moving Workers, All Other	\$9.59	13.11	---
Advertising Sales Agents	\$13.60	16.72	18.66	Motor Vehicle Operators, All Other	\$10.85	9.02	---
Cashiers	\$7.63	8.06	7.64	Packers and Packagers, Hand	\$8.90	9.22	8.27
Counter and Rental Clerks	\$7.40	8.14	8.56	Parking Lot Attendants	\$6.71	9.12	8.08
Demonstrators and Product Promoters	\$8.36	9.17	10.10	Refuse and Recyclable Material Collectors	\$14.71	15.72	11.95
First-Line Supervisors/Managers of Non-Retail Sales Workers	\$22.63	32.33	26.27				
First-Line Supervisors/Managers of Retail Sales Workers	\$15.34	15.01	14.72				
Gaming Change Persons and Booth Cashiers	\$8.01	9.68	9.71				

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

Occupational Title	Median Wage			Occupational Title	Median Wage		
	Central	State	US		Central	State	US
Service Station Attendants	\$7.25	8.94	8.21				
Taxi Drivers and Chauffeurs	\$9.83	9.64	9.18				
Truck Drivers, Heavy and Tractor-Trailer	\$16.39	17.85	16.46				
Truck Drivers, Light or Delivery Services	\$11.30	12.56	11.83				

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

2003 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 Central Planning Region, Minnesota, and the U.S. from the 1999, 2000, 2001 (wages from 1999, 2000, and 2001 are updated to 2002), and 2002 survey rounds combined. Counties within the Central Planning Region include Benton, Chisago, Isanti, Kandiyohi, Kanabec, McLeod, Meeker, Mille Lacs, Pine, Renville, Sherburne, Stearns, and Wright. The statewide response rate for the three and a half years combined was 77.4 percent (20,227 responses out of 26,149 establishments surveyed).

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 fourth quarter of 2003 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.

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

How to Obtain the Complete 2003 Minnesota Salary Survey

The 2003 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.mnwfc.org/lmi/oes/index.htm> to obtain the full data set.

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

Central Regional Analyst: 320.231.5174 (ext. 7535)
Twin Cities Metropolitan Area: 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
OF EMPLOYMENT AND ECONOMIC
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made available in alternative formats.*

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