

2004

04 - 0649

Minnesota

SALARY SURVEY

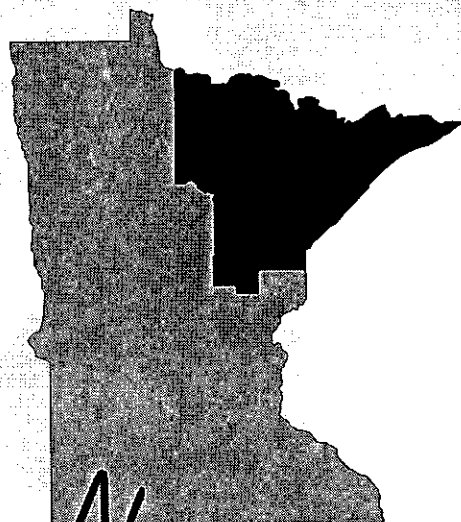


MINNESOTA
DEPARTMENT
OF
EMPLOYMENT
AND
ECONOMIC
DEVELOPMENT

LABOR MARKET
INFORMATION
OFFICE

IN COOPERATION
WITH THE

UNITED STATES
DEPARTMENT
OF LABOR



**NORTHEAST
PLANNING REGION**

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

December 2004

Occupational Title	Median Wage			Occupational Title	Median Wage		
	Northeast	State	US		Northeast	State	US
Architecture & Engineering				Fine Artists, Including Painters, Sculptors, and Illustrators			
All Other Drafters, Engineering, and Mapping Technicians	\$20.55	22.21	- - -	Floral Designers	\$9.83	11.09	9.93
Architects, Except Landscape and Naval	\$22.00	27.22	28.99	Graphic Designers	\$16.49	19.18	18.25
Architectural and Civil Drafters	\$17.85	19.58	18.88	Interior Designers	\$18.48	20.54	19.98
Chemical Engineers	\$18.91	32.98	37.23	Interpreters and Translators	\$19.05	17.60	16.90
Civil Engineering Technicians	\$23.41	21.94	18.90	Media and Communication Workers, All Other	\$14.32	24.62	- - -
Civil Engineers	\$26.47	29.12	31.06	Merchandise Displayers and Window Trimmers	\$10.58	12.09	11.20
Electrical and Electronic Engineering Technicians	\$21.83	22.26	22.44	News Analysts, Reporters and Correspondents	\$14.54	14.26	15.68
Electrical and Electronics Drafters	\$24.44	22.40	21.07	Photographers	\$13.02	14.66	12.82
Electrical Engineers	\$35.03	34.21	35.01	Producers and Directors	\$42,667	48,651	53,333
Electronics Engineers, Except Computer	\$28.00	35.60	36.32	Public Relations Specialists	\$19.75	21.93	21.28
Engineers, All Other	\$31.10	37.16	- - -	Radio Operators	\$20.62	20.76	15.34
Environmental Engineers	\$28.49	30.71	31.66	Technical Writers	\$16.87	26.99	25.79
Health and Safety Engineers, Except Mining Safety Engineers and Inspectors	\$38.61	34.99	30.36	Building & Grounds Cleaning & Maintenance			
Industrial Engineering Technicians	\$20.32	20.97	21.19	All Other Building and Grounds Cleaning and Maintenance Workers	\$12.86	11.42	- - -
Industrial Engineers	\$27.74	32.53	31.66	First-Line Supervisors/Managers of Housekeeping and Janitorial Workers	\$11.37	13.96	14.20
Mechanical Drafters	\$17.67	21.03	20.94	First-Line Supervisors/Managers of Landscaping, Lawn Service, and Groundskeeping Workers	\$16.31	18.33	16.72
Mechanical Engineering Technicians	\$19.95	21.52	21.09	Janitors and Cleaners, Except Maids and Housekeeping Cleaners	\$8.96	10.04	9.09
Mechanical Engineers	\$29.20	30.06	32.23	Landscaping and Groundskeeping Workers	\$11.06	11.36	9.88
Mining and Geological Engineers, Including Mining Safety Engineers	\$31.25	31.52	31.73	Maids and Housekeeping Cleaners	\$7.71	8.78	8.16
Surveying and Mapping Technicians	\$16.49	16.78	14.82	Business & Financial Operations			
Surveyors	\$23.26	22.48	20.73	Accountants and Auditors	\$21.29	24.80	24.26
Arts, Design, Entertainment, Sports, & Media				All Other Business Operations and Human Resources Specialists	\$19.96	22.64	- - -
All Other Art and Design Workers	\$13.97	17.00	- - -	Appraisers and Assessors of Real Estate	\$24.95	- - -	20.92
Announcers	\$8.82	10.66	10.62	Budget Analysts	\$23.14	25.44	26.86
Art Directors	\$25.67	31.80	31.23	Claims Adjusters, Examiners, and Investigators	\$16.96	20.47	21.68
Audio and Video Equipment Technicians	\$14.16	20.82	15.40	Compensation, Benefits, and Job Analysis Specialists	\$21.28	23.37	22.85
Broadcast Technicians	\$16.12	14.20	13.93				
Editors	\$20.22	21.04	20.99				

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

Occupational Title	Median Wage			Occupational Title	Median Wage					
	Northeast	State	US		Northeast	State	US			
Compliance Officers, Except Agriculture, Construction, Health and Safety, and Transportation	\$21.82	25.16	22.63	Computer & Mathematical	Computer Programmers	\$22.01	30.38	30.52		
Cost Estimators	\$21.25	23.51	24.33		Computer Software Engineers, Applications	\$29.42	36.42	36.30		
Credit Analysts	\$22.74	23.47	22.73		Computer Software Engineers, Systems Software	\$33.26	38.25	38.19		
Employment, Recruitment, and Placement Specialists	\$20.47	21.29	19.97		Computer Specialists, All Other	\$19.57	30.33	---		
Financial Analysts	\$28.59	30.37	29.80		Computer Support Specialists	\$17.66	20.32	19.72		
Financial Examiners	\$28.43	31.60	28.78		Computer Systems Analysts	\$25.84	32.15	32.16		
Financial Specialists, All Other	\$24.97	23.18	---		Database Administrators	\$15.93	32.26	29.24		
Loan Counselors	\$12.32	15.26	16.42		Network and Computer Systems Administrators	\$23.14	28.20	28.20		
Loan Officers	\$20.84	23.42	23.17		Network Systems and Data Communications Analysts	\$26.30	30.42	29.31		
Management Analysts	\$28.98	32.61	30.75		Construction & Extraction	All Other Construction Trades and Related Workers	\$16.30	17.40	---	
Meeting and Convention Planners	\$16.84	19.45	19.04			Brickmasons and Blockmasons	\$17.59	25.91	20.63	
Personal Financial Advisors	\$21.66	22.41	29.36			Carpenters	\$19.93	19.30	17.10	
Purchasing Agents, Except Wholesale, Retail, and Farm Products	\$22.17	23.55	23.04			Carpet Installers	\$13.12	16.75	16.10	
Tax Preparers	\$10.33	19.36	13.44			Cement Masons and Concrete Finishers	\$22.22	21.77	15.17	
Training and Development Specialists	\$21.91	23.18	21.58			Construction and Building Inspectors	\$21.27	25.10	21.01	
Wholesale and Retail Buyers, Except Farm Products	\$24.17	22.39	20.57			Construction Laborers	\$18.07	17.35	12.26	
Community & Social Services	All Other Counselors, Social and Religious Workers	\$17.49	16.52			---	Earth Drillers, Except Oil and Gas	\$19.48	16.66	16.19
	Child, Family, and School Social Workers	\$22.94	21.55			16.96	Electricians	\$24.59	28.27	20.56
	Clergy	\$16.41	19.96			17.27	Explosives Workers, Ordnance Handling Experts, and Blasters	\$20.66	20.66	17.41
	Educational, Vocational, and School Counselors	\$15.00	---			22.24	First-Line Supervisors/Managers of Construction Trades and Extraction Workers	\$23.37	25.96	24.22
	Health Educators	\$20.21	20.55			18.84	Glaziers	\$24.71	16.72	15.80
	Medical and Public Health Social Workers	\$19.38	19.24	19.36		Hazardous Materials Removal Workers	\$14.89	21.28	16.21	
	Mental Health and Substance Abuse Social Workers	\$16.37	19.92	16.64		Helpers, Construction Trades, All Other	\$10.12	13.72	---	
	Mental Health Counselors	\$16.25	16.20	15.84	Helpers--Carpenters	\$10.81	12.53	10.71		
	Probation Officers and Correctional Treatment Specialists	\$22.43	24.87	19.38	Highway Maintenance Workers	\$18.89	18.26	14.28		
	Rehabilitation Counselors	\$13.58	16.35	13.55	Operating Engineers and Other Construction Equipment Operators	\$20.66	22.03	17.20		
	Social and Human Service Assistants	\$10.79	12.19	11.87	Painters, Construction and Maintenance	\$20.38	18.37	14.49		
	Substance Abuse and Behavioral Disorder Counselors	\$15.94	18.35	15.58						

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

Occupational Title	Median Wage			Occupational Title	Median Wage		
	Northeast	State	US		Northeast	State	US
Paving, Surfacing, and Tamping Equipment Operators	\$15.13	19.01	14.40	Mathematical Science Teachers, Postsecondary	\$54,175	57,677	53,281
Pipelayers	\$20.78	21.68	14.24	Middle School Teachers, Except Special and Vocational Education	\$47,009	40,126	44,171
Plumbers, Pipefitters, and Steamfitters	\$24.04	27.10	20.09	Nursing Instructors and Teachers, Postsecondary	\$53,863	54,285	52,757
Reinforcing Iron and Rebar Workers	\$25.29	27.21	17.51	Philosophy and Religion Teachers, Postsecondary	\$46,906	51,798	51,523
Roofers	\$18.06	19.73	14.92	Physics Teachers, Postsecondary	\$59,141	66,429	65,589
Septic Tank Servicers and Sewer Pipe Cleaners	\$13.63	16.53	14.08	Preschool Teachers, Except Special Education	\$12.92	12.43	10.11
Sheet Metal Workers	\$22.61	22.11	17.36	Psychology Teachers, Postsecondary	\$48,491	53,940	56,068
Structural Iron and Steel Workers	\$26.39	30.42	20.50	Recreation and Fitness Studies Teachers, Postsecondary	\$59,278	48,830	45,426
Tapers	\$25.95	23.63	19.33	Secondary School Teachers, Except Special and Vocational Education	\$46,632	44,205	46,454
Education, Training, & Library				Sociology Teachers, Postsecondary	\$52,508	55,669	55,389
All Other Teachers, Primary, Secondary, and Adult	\$47,989	44,657	- - -	Special Education Teachers, Middle School	\$51,394	44,088	44,480
Archivists, Curators, and Museum Technicians	\$16.26	18.02	17.88	Special Education Teachers, Preschool, Kindergarten, and Elementary School	\$47,253	44,524	43,832
Area, Ethnic, and Cultural Studies Teachers, Postsecondary	\$54,847	55,447	57,332	Special Education Teachers, Secondary School	\$49,004	44,981	46,187
Art, Drama, and Music Teachers, Postsecondary	\$48,234	46,707	49,508	Teacher Assistants	\$18,932	20,119	19,541
Atmospheric, Earth, Marine, and Space Sciences Teachers, Postsecondary	\$44,145	65,554	65,887	Vocational Education Teachers, Postsecondary	\$26.68	22.95	19.79
Audio-Visual Collections Specialists	\$24.03	23.94	16.83	Vocational Education Teachers, Secondary School	\$50,949	45,544	46,413
Biological Science Teachers, Postsecondary	\$50,207	53,109	62,566	Farming, Fishing, & Forestry			
Business Teachers, Postsecondary	\$54,723	55,682	58,155	Agricultural Inspectors	\$21.91	18.46	14.43
Chemistry Teachers, Postsecondary	\$53,252	56,933	57,775	Farmworkers and Laborers, Crop, Nursery, and Greenhouse	\$6.92	10.42	7.69
Communications Teachers, Postsecondary	\$45,297	49,763	50,814	First-Line Supervisors/Managers of Farming, Fishing, and Forestry Workers	\$17.26	19.40	17.41
Computer Science Teachers, Postsecondary	\$56,324	58,747	53,508	Logging Equipment Operators	\$15.99	15.79	13.65
Elementary School Teachers, Except Special Education	\$48,176	43,826	43,791	Food Preparation & Serving-Related			
Engineering Teachers, Postsecondary	\$71,783	- - -	73,074	Bartenders	\$7.37	7.57	7.38
English Language and Literature Teachers, Postsecondary	\$55,373	53,177	48,901	Chefs and Head Cooks	\$14.79	15.86	14.37
Foreign Language and Literature Teachers, Postsecondary	\$46,493	50,228	48,387	Combined Food Preparation and Serving Workers, Including Fast Food	\$6.53	7.33	7.14
Health Specialties Teachers, Postsecondary	\$57,591	- - -	65,034	Cooks, Fast Food	\$6.60	7.79	7.10
History Teachers, Postsecondary	\$53,181	54,981	54,628	Cooks, Institution and Cafeteria	\$10.40	11.16	9.04
Instructional Coordinators	\$24.55	25.86	23.50				
Kindergarten Teachers, Except Special Education	\$35,753	42,941	42,136				
Librarians	\$22.32	22.40	22.11				
Library Technicians	\$15.81	14.92	12.29				

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

Occupational Title	Median Wage			Occupational Title	Median Wage		
	Northeast	State	US		Northeast	State	US
Cooks, Restaurant	\$8.42	10.01	9.45	Occupational Therapists	\$25.65	23.76	26.35
Cooks, Short Order	\$7.65	8.98	8.10	Opticians, Dispensing	\$10.30	14.85	13.52
Counter Attendants, Cafeteria, Food Concession, and Coffee Shop	\$7.54	7.61	7.56	Pediatricians, General	\$54.02	>70.00	67.47
Dining Room and Cafeteria Attendants and Bartender Helpers	\$6.44	6.98	7.15	Pharmacists	\$40.24	42.08	40.79
Dishwashers	\$6.51	7.72	7.36	Pharmacy Technicians	\$11.09	14.14	11.58
First-Line Supervisors/Managers of Food Preparation and Serving Workers	\$10.43	12.22	12.16	Physical Therapists	\$26.93	26.94	29.02
Food Preparation and Serving Related Workers, All Other	\$6.72	7.72	- - -	Physician Assistants	\$34.68	34.72	33.71
Food Preparation Workers	\$9.24	9.24	8.08	Physicians and Surgeons, All Other	>\$70.00	>70.00	- - -
Food Servers, Nonrestaurant	\$9.91	8.85	7.92	Psychiatrists	\$66.84	>70.00	66.96
Hosts and Hostesses, Restaurant, Lounge, and Coffee Shop	\$6.49	8.10	7.54	Radiologic Technologists and Technicians	\$20.00	22.76	20.69
Waiters and Waitresses	\$6.44	6.57	6.88	Recreational Therapists	\$17.95	18.14	16.08
Healthcare Practitioners & Technical				Registered Nurses	\$22.38	27.10	25.22
All Other Health Diagnosing and Treating Practitioners	\$22.92	27.81	- - -	Respiratory Therapists	\$22.80	23.76	20.79
All Other Health Professionals and Technicians	\$16.70	19.75	- - -	Speech-Language Pathologists	\$25.04	23.74	25.16
Anesthesiologists	\$62.68	66.95	>70.00	Surgical Technologists	\$19.77	19.39	16.39
Cardiovascular Technologists and Technicians	\$20.72	18.66	18.68	Veterinary Technologists and Technicians	\$12.60	13.25	11.96
Chiropractors	\$36.82	27.66	32.92	Healthcare Support			
Dental Hygienists	\$20.73	30.06	28.02	Dental Assistants	\$12.64	16.45	13.58
Dentists	>\$70.00	>70.00	59.53	Healthcare Support Workers, All Other	\$12.54	13.07	- - -
Diagnostic Medical Sonographers	\$26.99	27.19	25.20	Home Health Aides	\$9.43	10.11	8.86
Dietetic Technicians	\$15.15	15.29	11.30	Massage Therapists	\$11.52	23.82	14.58
Dietitians and Nutritionists	\$21.38	22.12	21.08	Medical Assistants	\$11.05	13.00	11.84
Emergency Medical Technicians and Paramedics	\$11.80	13.58	12.24	Medical Equipment Preparers	\$14.14	13.48	11.66
Family and General Practitioners	\$67.22	>70.00	68.06	Medical Transcriptionists	\$13.30	14.56	13.68
Internists, General	>\$70.00	>70.00	>70.00	Nursing Aides, Orderlies, and Attendants	\$10.98	11.44	10.11
Licensed Practical and Licensed Vocational Nurses	\$15.70	16.36	16.37	Occupational Therapist Assistants	\$15.74	- - -	18.56
Medical and Clinical Laboratory Technicians	\$14.47	17.37	14.90	Pharmacy Aides	\$10.62	9.83	9.00
Medical and Clinical Laboratory Technologists	\$20.07	22.70	21.97	Physical Therapist Aides	\$13.15	11.68	10.26
Medical Records and Health Information Technicians	\$13.29	13.45	12.32	Physical Therapist Assistants	\$17.11	16.23	18.16
Occupational Health and Safety Specialists and Technicians	\$26.89	26.16	23.90	Veterinary Assistants and Laboratory Animal Caretakers	\$9.49	8.59	8.94

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

Occupational Title	Median Wage			Occupational Title	Median Wage		
	Northeast	State	US		Northeast	State	US
Installation, Maintenance, & Repair				Tire Repairers and Changers	\$10.60	10.30	10.21
Aircraft Mechanics and Service Technicians	\$22.79	- - -	21.57	Legal			
Automotive Body and Related Repairers	\$13.61	18.31	16.36	All Other Legal and Related Workers	\$21.51	20.98	- - -
Automotive Service Technicians and Mechanics	\$15.00	15.28	15.48	Lawyers	\$36.46	40.09	45.84
Bus and Truck Mechanics and Diesel Engine Specialists	\$20.47	17.94	17.23	Paralegals and Legal Assistants	\$17.50	20.71	19.00
Coin, Vending, and Amusement Machine Servicers and Repairers	\$12.12	14.70	13.58	Title Examiners, Abstractors, and Searchers	\$12.84	14.68	16.76
Computer, Automated Teller, and Office Machine Repairers	\$13.66	16.85	16.64	Life, Physical, & Social Science			
Control and Valve Installers and Repairers, Except Mechanical Door	\$21.54	22.86	21.22	Agricultural and Food Scientists	\$25.28	26.03	24.52
Electric Motor, Power Tool, and Related Repairers	\$21.62	14.50	16.09	All Other Life, Physical, and Social Science Technicians	\$18.53	19.85	- - -
Electrical and Electronics Repairers, Commercial and Industrial Equipment	\$24.21	21.22	20.44	Atmospheric and Space Scientists	\$32.52	31.28	32.33
Electrical Power-Line Installers and Repairers	\$26.18	25.79	24.09	Biological Technicians	\$16.72	16.30	16.49
Electronic Home Entertainment Equipment Installers and Repairers	\$6.99	15.21	13.62	Chemical Technicians	\$17.15	17.96	18.60
First-Line Supervisors/Managers of Mechanics, Installers, and Repairers	\$25.09	24.72	24.17	Chemists	\$26.39	31.66	27.17
Heating, Air Conditioning, and Refrigeration Mechanics and Installers	\$17.92	19.81	17.49	Clinical, Counseling, and School Psychologists	\$22.59	26.20	26.31
Helpers--Installation, Maintenance, and Repair Workers	\$6.95	11.40	10.42	Conservation Scientists	\$26.08	26.05	25.29
Home Appliance Repairers	\$20.20	16.04	14.85	Environmental Science and Protection Technicians, Including Health	\$16.57	16.91	17.70
Industrial Machinery Mechanics	\$23.41	19.98	19.00	Environmental Scientists and Specialists, Including Health	\$24.08	24.78	24.75
Installation, Maintenance, and Repair Workers, All Other	\$17.75	15.63	- - -	Forest and Conservation Technicians	\$18.95	16.57	15.81
Maintenance and Repair Workers, General	\$17.42	16.33	14.78	Foresters	\$25.00	25.35	23.27
Maintenance Workers, Machinery	\$14.90	16.12	16.04	Geoscientists, Except Hydrologists and Geographers	\$21.54	- - -	33.90
Medical Equipment Repairers	\$16.21	18.93	18.75	Hydrologists	\$28.25	30.85	29.17
Millwrights	\$23.67	24.42	21.17	Life Scientists, All Other	\$25.79	23.34	- - -
Mobile Heavy Equipment Mechanics, Except Engines	\$21.94	20.51	18.22	Market Research Analysts	\$24.43	27.81	27.10
Motorboat Mechanics	\$14.35	15.92	14.58	Social Scientists and Related Workers, All Other	\$27.76	29.99	- - -
Motorcycle Mechanics	\$13.07	14.75	13.66	Urban and Regional Planners	\$26.18	28.49	26.04
Outdoor Power Equipment and Other Small Engine Mechanics	\$13.43	13.40	12.13	Zoologists and Wildlife Biologists	\$25.60	24.52	24.38
Recreational Vehicle Service Technicians	\$14.26	14.59	13.90	Management			
Telecommunications Line Installers and Repairers	\$22.86	19.09	20.11	Administrative Services Managers	\$33.32	34.36	28.34

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

Occupational Title	Median Wage			Occupational Title	Median Wage		
	Northeast	State	US		Northeast	State	US
Chief Executives	\$55.05	>70.00	66.49	Billing and Posting Clerks and Machine Operators	\$12.63	14.29	13.07
Computer and Information Systems Managers	\$37.54	46.64	44.12	Bookkeeping, Accounting, and Auditing Clerks	\$12.97	14.81	13.77
Construction Managers	\$31.95	34.74	32.96	Brokerage Clerks	\$14.12	15.39	16.98
Education Administrators, Elementary and Secondary School	\$86,063	80,100	74,989	Cargo and Freight Agents	\$20.43	16.82	16.67
Education Administrators, Postsecondary	\$30.67	35.44	33.03	Computer Operators	\$14.12	15.68	14.94
Education Administrators, Preschool and Child Care Center/Program	\$19.83	17.10	17.18	Couriers and Messengers	\$9.66	12.28	9.79
Engineering Managers	\$39.73	47.90	46.62	Court, Municipal, and License Clerks	\$18.44	16.23	13.73
Financial Managers	\$41.07	44.37	38.55	Credit Authorizers, Checkers, and Clerks	\$10.99	17.96	13.61
Food Service Managers	\$16.44	17.98	18.49	Customer Service Representatives	\$11.40	14.55	13.10
General and Operations Managers	\$27.27	38.36	36.36	Data Entry Keyers	\$11.73	12.26	11.19
Human Resources Managers	\$35.87	41.41	34.29	Desktop Publishers	\$11.50	16.15	15.46
Industrial Production Managers	\$35.13	35.90	34.93	Dispatchers, Except Police, Fire, and Ambulance	\$20.54	18.10	15.08
Legislators	\$6.58	6.73	8.07	Eligibility Interviewers, Government Programs	\$19.39	17.00	16.07
Lodging Managers	\$18.54	17.72	17.72	Executive Secretaries and Administrative Assistants	\$16.89	17.62	16.91
Managers, All Other	\$34.38	41.12	- - -	File Clerks	\$10.02	11.04	10.15
Marketing Managers	\$43.35	50.24	41.54	First-Line Supervisors/Managers of Office and Administrative Support Workers	\$17.76	20.56	19.65
Medical and Health Services Managers	\$27.93	33.83	32.34	Hotel, Motel, and Resort Desk Clerks	\$7.59	8.64	8.63
Natural Sciences Managers	\$33.10	40.47	42.36	Human Resources Assistants, Except Payroll and Timekeeping	\$14.12	16.25	15.42
Postmasters and Mail Superintendents	\$23.53	24.40	24.72	Interviewers, Except Eligibility and Loan	\$10.75	12.18	11.29
Property, Real Estate, and Community Association Managers	\$17.05	21.33	18.89	Legal Secretaries	\$13.84	20.43	17.58
Public Relations Managers	\$30.14	36.73	33.05	Library Assistants, Clerical	\$8.95	10.26	9.84
Purchasing Managers	\$30.77	37.39	33.06	Loan Interviewers and Clerks	\$13.05	14.95	14.03
Sales Managers	\$41.85	46.57	39.96	Mail Clerks and Mail Machine Operators, Except Postal Service	\$13.81	12.11	10.79
Social and Community Service Managers	\$24.28	24.45	22.52	Medical Secretaries	\$11.54	14.42	12.83
Transportation, Storage, and Distribution Managers	\$34.57	33.35	31.62	Meter Readers, Utilities	\$20.27	- - -	14.60
				New Accounts Clerks	\$13.46	13.86	12.89
Office & Administrative Support				Office Clerks, General	\$11.18	12.37	11.05
All Other Financial, Information, and Record Clerks	\$12.92	13.47	- - -	Office Machine Operators, Except Computer	\$12.22	12.16	11.30
All Other Material Recording, Scheduling, Dispatching, and Distributing Workers	\$13.89	14.18	- - -	Order Clerks	\$11.32	13.95	12.38
All Other Secretaries, Administrative Assistants, and Other Office Support Workers	\$7.96	12.44	- - -	Payroll and Timekeeping Clerks	\$14.65	16.23	14.63
Bill and Account Collectors	\$11.94	15.16	13.40	Police, Fire, and Ambulance Dispatchers	\$19.64	17.39	14.04
				Postal Service Clerks	\$20.63	20.08	20.07

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

Occupational Title	Median Wage			Occupational Title	Median Wage		
	Northeast	State	US		Northeast	State	US
Postal Service Mail Carriers	\$22.06	21.84	21.93	Bindery Workers	\$7.55	13.86	11.36
Postal Service Mail Sorters, Processors, and Processing Machine Operators	\$18.82	19.43	19.38	Butchers and Meat Cutters	\$16.35	15.89	12.76
Procurement Clerks	\$11.69	13.82	14.91	Chemical Equipment Operators and Tenders	\$19.28	15.67	19.20
Production, Planning, and Expediting Clerks	\$17.53	18.11	17.36	Coating, Painting, and Spraying Machine Setters, Operators, and Tenders	\$19.13	15.41	12.83
Proofreaders and Copy Markers	\$14.62	13.81	12.08	Crushing, Grinding, and Polishing Machine Setters, Operators, and Tenders	\$19.79	15.67	13.06
Receptionists and Information Clerks	\$9.76	11.42	10.56	Cutting and Slicing Machine Setters, Operators, and Tenders	\$19.47	14.80	13.12
Secretaries, Except Legal, Medical, and Executive	\$15.35	15.75	12.59	Cutting, Punching, and Press Machine Setters, Operators, and Tenders, Metal and Plastic	\$13.36	12.88	12.60
Shipping, Receiving, and Traffic Clerks	\$10.38	13.13	11.81	Dental Laboratory Technicians	\$15.67	17.16	14.91
Stock Clerks and Order Fillers	\$9.00	10.31	9.78	Drilling and Boring Machine Tool Setters, Operators, and Tenders, Metal and Plastic	\$13.51	16.23	13.86
Switchboard Operators, Including Answering Service	\$11.52	11.54	10.59	Extruding, Forming, Pressing, and Compacting Machine Setters, Operators, and Tenders	\$16.23	- - -	13.46
Tellers	\$9.47	10.36	10.25	First-Line Supervisors/Managers of Production and Operating Workers	\$22.23	21.65	21.65
Weighers, Measurers, Checkers, and Samplers, Recordkeeping	\$8.63	13.23	12.14	Food Batchmakers	\$8.02	11.98	10.88
Word Processors and Typists	\$15.55	13.80	13.53	Furnace, Kiln, Oven, Drier, and Kettle Operators and Tenders	\$21.23	19.50	14.67
Personal Care & Service				Grinding, Lapping, Polishing, & Buffing Machine Tool Setters, Operators, &Tenders, Metal & Plastic	\$13.31	13.97	13.38
Amusement and Recreation Attendants	\$6.74	7.85	7.44	Helpers--Production Workers	\$13.00	10.80	9.76
Baggage Porters and Bellhops	\$7.60	8.15	8.78	Inspectors, Testers, Sorters, Samplers, and Weighers	\$15.55	15.45	13.83
First-Line Supervisors/Managers of Personal Service Workers	\$13.96	14.76	14.54	Laundry and Dry-Cleaning Workers	\$11.66	10.59	8.40
Fitness Trainers and Aerobics Instructors	\$9.36	11.23	11.98	Machinists	\$19.92	18.61	16.47
Gaming and Sports Book Writers and Runners	\$6.51	9.59	9.25	Mixing and Blending Machine Setters, Operators, and Tenders	\$18.98	16.42	13.81
Gaming Supervisors	\$12.26	12.36	19.79	Molding, Coremaking, and Casting Machine Setters, Operators, and Tenders, Metal and Plastic	\$13.74	14.16	11.92
Hairdressers, Hairstylists, and Cosmetologists	\$8.95	11.85	9.40	Packaging and Filling Machine Operators and Tenders	\$12.68	11.77	10.88
Nonfarm Animal Caretakers	\$11.04	8.32	8.56	Painting, Coating, and Decorating Workers	\$12.26	10.48	11.05
Personal and Home Care Aides	\$9.88	9.86	8.15	Plant and System Operators, All Other	\$10.77	19.00	- - -
Personal Care and Service Workers, All Other	\$6.64	9.95	- - -	Plating and Coating Machine Setters, Operators, and Tenders, Metal and Plastic	\$15.59	13.62	13.00
Recreation Workers	\$9.94	10.21	9.37	Pourers and Casters, Metal	\$12.47	16.02	14.10
Tour Guides and Escorts	\$7.96	11.30	9.29	Power Plant Operators	\$24.50	26.33	25.27
Ushers, Lobby Attendants, and Ticket Takers	\$6.28	6.67	7.26	Prepress Technicians and Workers	\$15.21	17.10	15.63
Production				Printing Machine Operators	\$15.47	16.35	14.73
Assemblers and Fabricators, All Other	\$10.86	11.76	- - -				
Bakers	\$11.45	11.16	10.33				

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

Occupational Title	Median Wage			Occupational Title	Median Wage		
	Northeast	State	US		Northeast	State	US
Production Workers, All Other	\$12.45	13.06	---	Advertising Sales Agents	\$11.80	17.57	19.41
Sawing Machine Setters, Operators, and Tenders, Wood	\$13.06	13.53	11.13	Cashiers	\$7.52	8.33	7.91
Separating, Filtering, Clarifying, Precipitating, and Still Machine Setters, Operators, and Tenders	\$20.73	14.30	16.00	Counter and Rental Clerks	\$7.36	8.22	8.80
Sewing Machine Operators	\$9.02	11.27	8.79	Demonstrators and Product Promoters	\$10.00	9.32	10.04
Stationary Engineers and Boiler Operators	\$20.78	21.69	21.51	First-Line Supervisors/Managers of Non-Retail Sales Workers	\$25.67	33.90	28.07
Tailors, Dressmakers, and Custom Sewers	\$9.95	13.15	10.64	First-Line Supervisors/Managers of Retail Sales Workers	\$13.68	15.33	15.63
Team Assemblers	\$10.56	12.93	11.60	Insurance Sales Agents	\$21.00	21.68	19.99
Tool Grinders, Filers, and Sharpeners	\$16.48	15.78	14.70	Parts Salespersons	\$11.83	13.06	12.29
Water and Liquid Waste Treatment Plant and System Operators	\$19.54	18.08	16.76	Real Estate Sales Agents	\$29.49	20.05	16.75
Welders, Cutters, Solderers, and Brazers	\$18.69	16.47	14.82	Retail Salespersons	\$8.21	9.28	9.08
Welding, Soldering, and Brazing Machine Setters, Operators, and Tenders	\$14.41	15.22	14.45	Sales and Related Workers, All Other	\$18.34	20.17	---
Woodworkers, All Other	\$13.77	12.58	---	Sales Engineers	\$26.91	32.42	33.92
Woodworking Machine Setters, Operators, and Tenders, Except Sawing	\$11.13	12.92	11.10	Sales Representatives, Wholesale and Manufacturing, Except Technical and Scientific Products	\$20.92	26.07	22.05
				Sales Representatives, Wholesale and Manufacturing, Technical and Scientific Products	\$27.26	30.95	28.63
				Securities, Commodities, and Financial Services Sales Agents	\$28.20	35.36	31.04
Protective Service				Telemarketers	\$9.91	10.42	10.04
Animal Control Workers	\$16.19	15.71	12.60	Travel Agents	\$9.90	13.47	13.50
Correctional Officers and Jailers	\$18.50	18.19	16.18				
Fire Fighters	\$16.12	13.38	18.22	Transportation & Material Moving			
First-Line Supervisors/Managers of Correctional Officers	\$24.75	26.96	21.56	Airline Pilots, Copilots, and Flight Engineers	109,087	92,517	131,754
First-Line Supervisors/Managers of Fire Fighting and Prevention Workers	\$26.62	27.79	27.91	Bus Drivers, School	\$10.55	12.89	11.15
First-Line Supervisors/Managers of Police and Detectives	\$27.56	30.24	30.77	Bus Drivers, Transit and Intercity	\$11.63	15.43	14.25
First-Line Supervisors/Managers of Protective Service Workers, Except Police, Fire and Corrections	\$14.63	16.91	---	Captains, Mates, and Pilots of Water Vessels	\$22.59	22.37	24.98
Parking Enforcement Workers	\$11.04	14.46	13.81	Cleaners of Vehicles and Equipment	\$8.77	9.29	8.50
Police and Sheriff's Patrol Officers	\$21.08	22.60	21.68	Commercial Pilots	\$50,588	---	52,438
Private Detectives and Investigators	\$12.35	14.16	14.84	Conveyor Operators and Tenders	\$19.54	13.76	12.42
Protective Service Workers, All Other	\$12.86	11.56	---	Crane and Tower Operators	\$21.17	20.05	18.02
Security Guards	\$9.84	10.73	9.72	Driver/Sales Workers	\$7.14	11.92	9.99
				Excavating and Loading Machine and Dragline Operators	\$27.75	21.44	15.61
				First-Line Supervisors/Managers of Helpers, Laborers, and Material Movers, Hand	\$19.21	19.22	18.71
Sales & Related							

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

Occupational Title	Median Wage			Occupational Title	Median Wage		
	Northeast	State	US		Northeast	State	US
First-Line Supervisors/Managers of Transportation and Material-Moving Machine and Vehicle Operators	\$20.10	20.22	21.76				
Industrial Truck and Tractor Operators	\$13.96	14.74	12.98				
Laborers and Freight, Stock, and Material Movers, Hand	\$10.20	11.61	9.79				
Machine Feeders and Offbearers	\$12.87	13.11	10.79				
Material Moving Workers, All Other	\$7.91	12.82	---				
Motor Vehicle Operators, All Other	\$18.75	9.00	---				
Packers and Packagers, Hand	\$7.88	9.16	8.32				
Parking Lot Attendants	\$10.29	9.16	8.25				
Refuse and Recyclable Material Collectors	\$13.23	14.97	12.29				
Sailors and Marine Oilers	\$18.30	16.99	14.63				
Service Station Attendants	\$8.48	9.01	8.37				
Ship Engineers	\$25.89	25.99	26.77				
Taxi Drivers and Chauffeurs	\$10.27	9.75	9.44				
Truck Drivers, Heavy and Tractor-Trailer	\$16.10	17.23	16.31				
Truck Drivers, Light or Delivery Services	\$12.51	13.21	11.89				

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 Northeast 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 Northeast Planning Region include Aitkin, Carlton, Cook, Itasca, Lake, Koochiching, and St. Louis. The statewide response rate for the four years combined was 77.1 percent (20,300 responses out of 26,326 establishments surveyed). In the Northeast Planning Region alone, 2,171 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:

Northeast Regional Analyst: 218.723.4775
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
OF EMPLOYMENT AND ECONOMIC
DEVELOPMENT

LABOR MARKET INFORMATION OFFICE

1ST NATIONAL BANK BUILDING
332 MINNESOTA STREET, SUITE E200
ST. PAUL, MN 55101-1351

Penalty for Private Use, \$300



Labor Market Information HelpLine:
651.282.2714

Labor Market Information Receptionist:
651.296.6545

1.888.234.1114 (toll free)

FAX: 651.282.5429

E-MAIL: deed.pubs@state.mn.us

INTERNET: www.deed.state.mn.us/lmi

*On request, this information can be
made available in alternative formats.*

2004

Minnesota

SALARY SURVEY

Did you know?

The SALARY SURVEY

is updated 4 times a year on the web!

www.deed.state.mn.us/lmi/tools/oes/

stock number: DEED-03271-04
1,100/12/04