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MINNESOTA
DEPARTMENT
OF
EMPLOYMENT
AND
ECONOMIC
DEVELOPMENT

LABOR MARKET INFORMATION OFFICE

IN COOPERATION WITH THE

UNITED STATES
DEPARTMENT
OF LABOR



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

December 2004

Occupational file	Ме	dian Wa	ge	Occupational Title		Median V	Vage
	Twin Cities	State	US	т	win Cities	State	US
Architecture & Engineering				Mechanical Engineers	\$31.07	30.06	32.23
Aerospace Engineering and Operations Technicians	\$28.01	28.65	25.55	Surveying and Mapping Technicians	\$20.77	16.78	14.82
Aerospace Engineers	\$32.08	30.37	38.24	Surveyors	\$22.87	22.48	20.73
All Other Drafters, Engineering, and Mapping Technicians	\$23.98	22.21		Arts, Design, Entertainment, Sports, & I	1edia		
Architects, Except Landscape and Naval	\$27.49	27.22	28.99	All Other Art and Design Workers	\$17.77	17.00	
Architectural and Civil Drafters	\$20.64	19.58	18.88	Announcers	\$13.42	10.66	10.62
Biomedical Engineers	\$35.34	35.35	32.02	Art Directors	\$32.32	31.80	31.23
Cartographers and Photogrammetrists	\$25.99	23.39	22.52	Audio and Video Equipment Technicians	\$23.36	20.82	15.40
Chemical Engineers	\$34.54	32.98	37.23	Broadcast Technicians	\$14.58	14.20	13.93
Civil Engineering Technicians	\$21.96	21.94	18.90	Camera Operators, Television, Video, and Motion Picture	\$20.04		18.47
Civil Engineers	\$29.39	29.12	31.06	Choreographers	\$18.22	18.22	15.84
Computer Hardware Engineers	\$35.82	37.31	39.09	Coaches and Scouts	\$33,693	31,179	27,494
Electrical and Electronic Engineering Technicians	\$23.58	22.26	22.44	Commercial and Industrial Designers	\$23.61	23.07	25.75
Electrical and Electronics Drafters	\$23.06	22.40	21.07	Dancers	\$13.77		9.76
Electrical Engineers	\$35.51	34.21	35.01	Editors	\$21.87	21.04	20.99
Electro-Mechanical Technicians	\$21.38	21.04	20.13	Fashion Designers	\$22.23	19.52	26.95
Electronics Engineers, Except Computer	\$36.24	35.60	36.32	Film and Video Editors	\$22.97	23.08	20.68
Engineers, All Other	\$38.67	37.16	- <del>-</del> -	Fine Artists, Including Painters, Sculptors, and Illustrators	\$18.93	17.89	18.30
Environmental Engineering Technicians	\$21.01	20.63	18.87	Floral Designers	\$11.38	11.09	9.93
Environmental Engineers	\$32.09	30.71	31.66	Graphic Designers	\$20.22	19.18	18.25
Health and Safety Engineers, Except Mining Safety Engineers and Inspectors	\$34.74	34.99	30.36	Interior Designers	\$21.90	20.54	19.98
Industrial Engineering Technicians	\$22.21	20.97	21.19	Interpreters and Translators	\$18.00	17.60	16.90
Industrial Engineers	\$34.17	32.53	31,66	Media and Communication Equipment Workers, All Othe	r \$16.80	16.15	
Landscape Architects	\$29.38	29.82	25.10	Media and Communication Workers, All Other	\$23.56	24.62	
Materials Engineers	\$32.04	31.95	32,13	Merchandise Displayers and Window Trimmers	\$12.46	12.09	11.20
Mechanical Drafters	\$22.52	21.03	20.94	Multi-Media Artists and Animators	\$24.14	21.83	23.11
Mechanical Engineering Technicians	\$21.97	21.52	21.09	Music Directors and Composers	\$49,465	48,202	34,373
			21.03	Musicians and Singers	\$55,728	53,799	39,226
Note: For explanation of wage symbols, see the Methodology section 2004 Minnesota Salary Survey Twin Cities Planning Region	on page 15.				_		

2004 Minnesota Salary Survey Twin Cities Planning Region

Occupational Title	Me	dian Wa	ge	Occupational Title	Median Wage			
	Twin Cities	State	US	Ţ	win Cities	State	US	
News Analysts, Reporters and Correspondents	\$20.83	14.26	15.68	Cost Estimators	\$24.13	23.51	24.33	
Photographers	\$16.35	14.66	12.82	Credit Analysts	\$24.08	23.47	22.73	
Producers and Directors	\$50,276	48,651	53,333	Emergency Management Specialists	\$34.03	28.71	21.99	
Public Relations Specialists	\$22.09	21.93	21.28	Employment, Recruitment, and Placement Specialists	\$22.20	21.29	19.97	
Radio Operators	\$22.86	20.76	15.34	Financial Analysts	\$30.48	30.37	29.80	
Set and Exhibit Designers	\$18.24	18.18	17.65	Financial Examiners	\$32.68	31.60	28.78	
Sound Engineering Technicians	\$24.48	23.85	18.39	Financial Specialists, All Other	\$23.26	23.18		
Technical Writers	\$27.81	26.99	25.79	Insurance Appraisers, Auto Damage	\$22.94	23.18	21.98	
Writers and Authors	\$22.55	20.56	21.43	Insurance Underwriters	\$26.04	25.27	23.57	
Building & Grounds Cleaning & Mainte	enance			Loan Counselors	\$15.03	15.26	16.42	
All Other Building and Grounds Cleaning and	\$11.25	11.42		Loan Officers	\$24.29	23.42	23.17	
Maintenance Workers	<del></del>			Management Analysts	\$32.78	32.61	30.75	
First-Line Supervisors/Managers of Housekeeping and Janitorial Workers	\$14.52	13.96	14.20	Meeting and Convention Planners	\$21.12	19,45	19.04	
First-Line Supervisors/Managers of Landscaping, Law	n \$19.73	18.33	16.72	Personal Financial Advisors	\$22.18	22.41	29.36	
Service, and Groundskeeping Workers	·			Purchasing Agents, Except Wholesale, Retail, and Farr	n \$24.60	23.55	23.04	
Janitors and Cleaners, Except Maids and Housekeepii Cleaners	ng \$10.17	10.04	9.09	Products  Tax Examiners, Collectors, and Revenue Agents	\$26.31	25,37	21.08	
Landscaping and Groundskeeping Workers	\$12.30	11.36	9.88	Tax Preparers	\$20.74	19.36	13.44	
Maids and Housekeeping Cleaners	\$9.49	8.78	8.16	Training and Development Specialists	\$23.75	23.18	21.58	
Pest Control Workers	\$18.30		12.54	Wholesale and Retail Buyers, Except Farm Products	\$23.44	22.39	20.57	
Tree Trimmers and Pruners	\$18.99	17.58	12.67	Community & Social Services	*			
<b>Business &amp; Financial Operations</b>				•			e e	
Accountants and Auditors	\$25.65	24.80	24.26	All Other Counselors, Social and Religious Workers	\$16.52	16.52	46.00	
All Other Business Operations and Human Resources	·	22.64		Child, Family, and School Social Workers	\$23.66	21.55	16.96	
Specialists	Ψ23.05	22.0-7		Clergy	\$19.78	19.96	17.27	
Budget Analysts	\$26.12	25.44	26.86	Directors, Religious Activities and Education	\$19.33	18.30	14.46	
Claims Adjusters, Examiners, and Investigators	\$21.16	20.47	21.68	Health Educators	\$21.90	20.55	18.84	
Compensation, Benefits, and Job Analysis Specialists	\$24.40	23.37	22.85	Marriage and Family Therapists	\$17.88	18.11	18.89	
Compliance Officers, Except Agriculture, Construction Health and Safety, and Transportation	n, \$26.08	25.16	22.63	Medical and Public Health Social Workers  Mental Health and Substance Abuse Social Workers	\$19.52 \$20.05		19.36 16.64	
Note: For explanation of wage symbols, see the Methodology section	on page 15.							

Occupational fittle	Ме	dian Wa	ge	Occupational Title	Median Wage				
	iwm Chires	State	US	Tw	in Cities	State	US		
Mental Health Counselors	\$17.35	16.20	15.84	Earth Drillers, Except Oil and Gas	\$17.39	16.66	16.19		
Rehabilitation Counselors	\$16.86	16.35	13.55	Electricians	\$31.82	28.27	20.56		
Social and Human Service Assistants	\$12.90	12.19	11.87	Elevator Installers and Repairers	\$30.36	29.98	27.41		
Substance Abuse and Behavioral Disorder Counselors	\$18.55	18.35	15.58	Extraction Workers, All Other	\$13.45	17.06			
Computer & Mathematical				Fence Erectors	\$13.08	12.50	11.36		
Actuaries	\$40.03	39.03	37.21	First-Line Supervisors/Managers of Construction Trades and Extraction Workers	\$27.09	25.96	24.22		
Computer Programmers	\$30.70	30.38	30.52	Floor Layers, Except Carpet, Wood, and Hard Tiles	\$23.10	20.79	16.12		
Computer Software Engineers, Applications	\$36.03	36.42	36.30	Floor Sanders and Finishers	\$16.46	15.93	13.54		
Computer Software Engineers, Systems Software	\$38.02	38.25	38.19	Glaziers	\$21.91	16.72	15.80		
Computer Specialists, All Other	\$31.73	30.33		Hazardous Materials Removal Workers	\$22.55	21.28	16.21		
Computer Support Specialists	\$20.7 <del>9</del>	20.32	19.72	Helpers, Construction Trades, All Other	\$13.86	13.72			
Computer Systems Analysts	\$32.68	32.15	32.16	HelpersBrickmasons, Blockmasons, Stonemasons, and	\$23.84	16.92	12.07		
Database Administrators	\$33.75	32.26	29.24	Tile and Marble Setters					
Mathematical Scientists, All Other	\$19.51	18.32		HelpersCarpenters	\$13.73	12.53	10.71		
Mathematical Technicians	\$21.14	17.86	18.48	HelpersElectricians	\$15.54	14.35	11.48		
Network and Computer Systems Administrators	\$29.26	28.20	28.20	HelpersPainters, Paperhangers, Plasterers, and Stucco Masons	\$14.49	12.61	9.92		
Network Systems and Data Communications Analysts	\$31.35	30.42	29.31	HelpersPipelayers, Plumbers, Pipefitters, and	\$12.51	12.43	11.07		
Statisticians	\$29.98	29.44	31.79	Steamfitters					
Construction & Extraction				HelpersRoofers	\$16.49	13.53	10.11		
All Other Construction Trades and Related Workers	#36 30	17.40		Highway Maintenance Workers	\$19.67	18.26	14.28		
	\$26.30	17.40		Insulation Workers	\$32.42	14.63	14.86		
Boilermakers Brickmasons and Blockmasons	\$28.45 ¢27.57	26.50	21.18	Operating Engineers and Other Construction Equipment Operators	\$25.21	22.03	17.20		
	\$27.57	25.91	20.63	Painters, Construction and Maintenance	\$18.62	18.37	14.49		
Carpenters	\$22.68	19.30	17.10	Paperhangers	\$25.15	23.13	16.08		
Carpet Installers	\$24.84	16.75	16.10	Paving, Surfacing, and Tamping Equipment Operators	\$21.24	19.01	14.40		
Cement Masons and Concrete Finishers	\$24.12	21.77	15.17	Pile-Driver Operators					
Construction and Building Inspectors	\$26.88	25.10	21.01	·	\$25.06	24.91	23.90		
Construction Laborers	\$20.44	17.35	12.26	Pipelayers	\$23.46	21.68	14.24		
Drywall and Ceiling Tile Installers	\$25.58	25.22	16.69	Plasterers and Stucco Masons	\$30.05	27.85	16.30		
Note: For explanation of wage symbols, see the Methodology section or	page 15.								

Occupational Title	Median Waye			Occupational Title	Median Wage			
-	Twin Cities	State	વા	Twi	n Cities	State	ŲS	
Plumbers, Pipefitters, and Steamfitters	\$28.94	27.10	20.09	English Language and Literature Teachers,	\$52,775	53,177	48,901	
Reinforcing Iron and Rebar Workers	\$27.46	27.21	17.51	Postsecondary  Farm and Home Management Advisors	\$23.12	24.56	19.74	
Roofers	\$23.37	19.73	14.92	Foreign Language and Literature Teachers,	\$49,063	50,228	48,387	
Septic Tank Servicers and Sewer Pipe Cleaners	\$19.82	16.53	14.08	Postsecondary	\$49,00J	30,220	10,507	
Sheet Metal Workers	\$24.84	22.11	17.36	Geography Teachers, Postsecondary	\$57,933	54,814	58,412	
Structural Iron and Steel Workers	\$30.98	30.42	20.50	Graduate Teaching Assistants	\$28,517	29,067	26,271	
Tapers	\$24.86	23.63	19.33	History Teachers, Postsecondary	\$54,641	54,981	54,628	
Tile and Marble Setters	\$20.71	20.48	17.42	Instructional Coordinators	\$28.46	25.86	23.50	
Education, Training, & Library				Kindergarten Teachers, Except Special Education	\$44,913	42,941	42,136	
Adult Literacy, Remedial Education, and GED Teacher	rs \$22.30	21.30	18.74	Law Teachers, Postsecondary	\$106,896	103,068	88,795	
and Instructors	13 Ψ22.30	22130	10.71	Librarians	\$22.48	22.40	22.11	
All Other Teachers, Primary, Secondary, and Adult	\$45,458	44,657		Library Technicians	\$15.68	14.92	12.29	
Anthropology and Archeology Teachers, Postseconda	ry \$57,068	58,406	61,990	Mathematical Science Teachers, Postsecondary	\$62,371	57,677	53,281	
Architecture Teachers, Postsecondary	\$58,768	58,500	60,787	Middle School Teachers, Except Special and Vocational	\$38,648	40,126	44,171	
Archivists, Curators, and Museum Technicians	\$19.23	18.02	17.88	Education  Nursing Instructors and Teachers, Postsecondary	\$53,977	54,285	52,757	
Area, Ethnic, and Cultural Studies Teachers, Postsecondary	\$57,332	55,447	57,332	Philosophy and Religion Teachers, Postsecondary	\$50,424	51,798	51,523	
Art, Drama, and Music Teachers, Postsecondary	\$45,724	46,707	49,508	Postsecondary Teachers, All Other	\$51,224	-		
Atmospheric, Earth, Marine, and Space Sciences	\$81,704	65,554	65,887	Preschool Teachers, Except Special Education	\$12.87	12.43	10.11	
Teachers, Postsecondary	#2E 11	23.94	16.83	Psychology Teachers, Postsecondary	\$56,916	53,940	56,068	
Audio-Visual Collections Specialists	\$25.11	53,109		Recreation and Fitness Studies Teachers, Postsecondary	\$50,413	48,830	45,426	
Biological Science Teachers, Postsecondary  Business Teachers, Postsecondary	\$55,397 \$53,414	55,682	62,566 58,155	Secondary School Teachers, Except Special and Vocational Education	\$45,279	44,205	46,454	
Chemistry Teachers, Postsecondary	\$63,344	56,933	57,775	Self-Enrichment Education Teachers	\$20.22	19.24	15.10	
Communications Teachers, Postsecondary	•	49,763	50,814	Social Work Teachers, Postsecondary	\$56,840		52,634	
Computer Science Teachers, Postsecondary	•	58,747	53,508	Sociology Teachers, Postsecondary	\$56,860	•	55,389	
Economics Teachers, Postsecondary		77,411	,	Special Education Teachers, Middle School	\$45,755	-	44,480	
Education Teachers, Postsecondary		49,119	49,539	Special Education Teachers, Preschool, Kindergarten,	\$45,328		43,832	
Education, Training, and Library Workers, All Other	\$16.56	-		and Elementary School			·	
Elementary School Teachers, Except Special Education		43,826	43,791	Special Education Teachers, Secondary School	\$47,550	44,981	46,187	
Note: For explanation of wage symbols, see the Methodology section	, ,	•						

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	win Chires	State	US		Twin Cities	State	US
Teacher Assistants	\$20,678	20,119	19,541	Food Preparation Workers	\$10.04	9.24	8.08
Vocational Education Teachers, Middle School	\$46,383	43,446	44,860	Food Servers, Nonrestaurant	\$9.02	8.85	7.92
Vocational Education Teachers, Postsecondary	\$21. <b>7</b> 9	22.95	19.79	Hosts and Hostesses, Restaurant, Lounge, and Coffe	e \$8.41	8.10	7.54
Vocational Education Teachers, Secondary School	\$49,760	45,544	46,413	Shop Waiters and Waitresses	+C C3	c 67	6.00
Farming, Fishing, & Forestry				Healthcare Practitioners & Technical	\$6.62	6.57	6.88
Agricultural Inspectors	\$21.89	18.46	14.43				
Farming, Fishing, and Forestry Workers, All Other	\$10.18	9.63		All Other Health Diagnosing and Treating Practitioner	rs \$24.08	27.81	
Farmworkers and Laborers, Crop, Nursery, and	\$10.42	10.42	7.69	All Other Health Professionals and Technicians	\$20.97	19.75	
Greenhouse				Anesthesiologists	\$66.78	66.95	>70.00
Farmworkers, Farm and Ranch Animals	\$12.26	10.01	8.42	Athletic Trainers	\$33,575	34,826	33,920
First-Line Supervisors/Managers of Farming, Fishing, and Forestry Workers	\$22.73	19.40	17.41	Audiologists	\$29.18	25.17	24.72
Forest and Conservation Workers	\$10.63	10.74	9.57	Cardiovascular Technologists and Technicians	\$18.62	18.66	18.68
Graders and Sorters, Agricultural Products	\$8.70	9.86	8.19	Chiropractors	\$26.32	27.66	32.92
Food Preparation & Serving-Related	·			Dental Hygienists	\$31.43	30.06	28.02
				Dentists	\$61.71	>70.00	59.53
Bartenders	\$7.67	7.57	7.38	Diagnostic Medical Sonographers	\$27.31	27.19	25.20
Chefs and Head Cooks	\$18.06	15.86	14.37	Dietetic Technicians	\$16.23	15.29	11.30
Combined Food Preparation and Serving Workers, Including Fast Food	\$7.66	7.33	7.14	Dietitians and Nutritionists	\$22.55	22.12	21.08
Cooks, Fast Food	\$7.93	7.79	7.10	Emergency Medical Technicians and Paramedics	\$18.45	13.58	12.24
Cooks, Institution and Cafeteria	\$12.23	11.16	9.04	Family and General Practitioners	>\$70.00	>70.00	68.06
Cooks, Restaurant	\$10.76	10.01	9.45	Internists, General	>\$70.00	>70.00	>70.00
Cooks, Short Order	\$10.22	8.98	8.10	Licensed Practical and Licensed Vocational Nurses	\$17.58	16.36	16.37
Counter Attendants, Cafeteria, Food Concession, and	\$8.22	7.61	7.56	Medical and Clinical Laboratory Technicians	\$16.77	17.37	14.90
Coffee Shop  Dining Room and Cafeteria Attendants and Partender	<b>#7</b> .03	6.00	7.15	Medical and Clinical Laboratory Technologists	\$22.68	22.70	21.97
Dining Room and Cafeteria Attendants and Bartender Helpers	\$7.02	6.98	7.15	Medical Records and Health Information Technicians	\$13.77	13.45	12.32
Dishwashers	\$8.62	7.72	7.36	Nuclear Medicine Technologists	\$28.55	27.93	26.54
First-Line Supervisors/Managers of Food Preparation	\$13.54	12.22	12.16	Obstetricians and Gynecologists	>\$70.00	>70.00	>70.00
and Serving Workers Food Preparation and Serving Related Workers, All Other	er \$7.66	7.72		Occupational Health and Safety Specialists and Technicians	\$27.38	26.16	23.90

Occupational Title	· ·	dian Wa		Occupational Title		1edian W	200
Occupational fille	Twin Cities	State	ge US	•	יי win Cities	State	US
Occupational Therapists	\$23.25	23.76	26.35	Medical Transcriptionists	\$15.19	14.56	13.68
Opticians, Dispensing	\$15.93	14.85	13.52	Nursing Aides, Orderlies, and Attendants	\$12.64	11.44	10.11
Optometrists	\$43.51	44.57	43.17	Occupational Therapist Aides	\$11.10	11.44	11.23
Orthotists and Prosthetists	\$30.28	27.55	24.65	Pharmacy Aides	\$10.34	9.83	9.00
Pediatricians, General	>\$70.00	>70.00	67.47	Physical Therapist Aides	\$12.84	11.68	10.26
Pharmacists	\$42.97	42.08	40.79	Physical Therapist Assistants	\$16.00	16.23	18.16
Pharmacy Technicians	\$15.01	14.14	11.58	Veterinary Assistants and Laboratory Animal Caretaker	rs \$8.53	8.59	8.94
Physical Therapists	\$26.58	26.94	29.02	Installation, Maintenance, & Repair			
Physician Assistants Physicians and Surgeons, All Other	\$35.65 >\$70.00	34.72 >70.00	33.71	All Other Electrical and Electronic Equipment Mechanic Installers, and Repairers	cs, \$14.43	14.83	<b>-</b>
Podiatrists	\$64.47	62.57	47.24	All Other Vehicle and Mobile Equipment Mechanics, Installers, and Repairers	\$18.81	12.86	
Psychiatrists	\$66.19	>70.00	66.96	Automotive Glass Installers and Repairers	\$20.11		13.34
Radiologic Technologists and Technicians	\$23.38	22.76	20.69	Automotive Service Technicians and Mechanics	\$15.89	15.28	15.48
Recreational Therapists	\$17.48	18.14	16.08	Avionics Technicians	\$26.43	23.81	21.36
Registered Nurses	\$28.36	27.10	25.22	Bus and Truck Mechanics and Diesel Engine Specialist	s \$19.85	17.94	17.23
Respiratory Therapists	\$24.68	23.76	20.79	Coin, Vending, and Amusement Machine Servicers and	d \$14.98	14.70	13.58
Speech-Language Pathologists	\$24.28	23.74	25.16	Repairers			
Surgeons	>\$70.00	>70.00	>70.00	Computer, Automated Teller, and Office Machine Repairers	\$17.22	16.85	16.64
Surgical Technologists	\$19.80	19.39	16.39	Control and Valve Installers and Repairers, Except	\$25.30	22.86	21.22
Veterinarians	\$30.97	29.83	32.28	Mechanical Door		4450	16.00
Veterinary Technologists and Technicians	\$13.99	13.25	11.96	Electric Motor, Power Tool, and Related Repairers	\$15.51	14.50	16.09
Healthcare Support				Electrical and Electronics Installers and Repairers, Transportation Equipment	\$21.90	21.06	19.55
Dental Assistants	\$17.87	16.45	13.58	Electrical and Electronics Repairers, Commercial and Industrial Equipment	\$21.01	21.22	20.44
Healthcare Support Workers, All Other	\$13.40	13.07	- <b></b>	Electrical Power-Line Installers and Repairers	\$26.22	25.79	24.09
Home Health Aides	\$10.80	10.11	8.86	Electronic Equipment Installers and Repairers, Motor	\$8.66	9.84	12.77
Massage Therapists	\$25.69	23.82	14.58	Vehicles	·		
Medical Assistants	\$13.39	13.00	11.84	Electronic Home Entertainment Equipment Installers and Repairers	\$16.61	15.21	13.62
Medical Equipment Preparers	\$13.96	13.48	11.66	Farm Equipment Mechanics	\$18.06	13.98	13.56

Occupationa Mile	Νte	ellen Wa	ge	Occupational Title		ledian W	/age
	win Chines	State	US		Twin Cities	State	US
First-Line Supervisors/Managers of Mechanics, Installers, and Repairers	\$25.97	24.72	24.17	Legai			<u> </u>
Heating, Air Conditioning, and Refrigeration Mechanics and Installers	\$20.64	19.81	17.49	Administrative Law Judges, Adjudicators, and Hearin Officers	g \$39.75	39.75	33.28
HelpersInstallation, Maintenance, and Repair Workers	\$12.36	11.40	10.42	All Other Legal and Related Workers	\$21.15	20.98	
Home Appliance Repairers	\$14.95	16.04	14.85	Arbitrators, Mediators, and Conciliators	\$33.59	33.25	26.53
Industrial Machinery Mechanics	\$20.72	19.98	19.00	Law Clerks	\$20.40		16.19
Installation, Maintenance, and Repair Workers, All Other	r \$15.53	15.63		Lawyers	\$42.01	40.09	45.84
Locksmiths and Safe Repairers	\$16.09	16.21	14.39	Paralegals and Legal Assistants	\$21.20	20.71	19.00
Maintenance and Repair Workers, General	\$17.03	16.33	14.78	Title Examiners, Abstractors, and Searchers	\$21.50	14.68	16.76
Maintenance Workers, Machinery	\$18.92	16.12	16.04	Life, Physical, & Social Science			
Mechanical Door Repairers	\$17.91	17.11	14.39	Agricultural and Food Science Technicians	\$18.45	16.37	14.43
Medical Equipment Repairers	\$18.74	18.93	18.75	Agricultural and Food Scientists	\$26.90	26.03	24.52
Millwrights	\$26.81	24.42	21.17	All Other Life, Physical, and Social Science Technician	, in the second	19.85	
Mobile Heavy Equipment Mechanics, Except Engines	\$21.07	20.51	18.22	Atmospheric and Space Scientists	\$31.29	31.28	32.33
Motorboat Mechanics	\$17.55	15.92	14.58	Biochemists and Biophysicists	\$25.49	25.32	31.83
Motorcycle Mechanics	\$15.79	14.75	13.66	Biological Technicians	\$15.77	16.30	16.49
Musical Instrument Repairers and Tuners	\$15.31	14.72	13.95	Chemical Technicians	\$18.60	17.96	18.60
Outdoor Power Equipment and Other Small Engine Mechanics	\$15.56	13.40	12.13	Chemists	\$33.08	31.66	27.17
Precision Instrument and Equipment Repairers, All Other	\$19.69	19.90		Clinical, Counseling, and School Psychologists	\$26.22	26.20	26.31
Radio Mechanics	\$24.10	18.34	17.90	Conservation Scientists	\$25.75	26.05	25.29
Recreational Vehicle Service Technicians	\$16.26	14.59	13.90	Environmental Science and Protection Technicians, Including Health	\$16.87	16.91	17.70
Riggers	\$20.98		16.84	Environmental Scientists and Specialists, Including	\$25.46	24.78	24.75
Security and Fire Alarm Systems Installers	\$17.94	16.54	16.71	Health Enidomialogista	400		
Telecommunications Equipment Installers and Repairers, Except Line Installers	\$25.83	25.55	23.89	Epidemiologists  Forensic Science Technicians	\$30.34 \$19.59	30.32 19.40	26.53 21.36
Telecommunications Line Installers and Repairers	\$19.58	19.09	20.11	Forest and Conservation Technicians	\$13.74	16.57	15.81
Tire Repairers and Changers	\$10.49	10.30	10.21	Foresters	\$27.96	25.35	23.27
Watch Repairers	\$11.85	11.66	13.83	Geological and Petroleum Technicians	\$17.30	17.39	20.15

Occupational Title	Median Wage			Occupational Title	Median Wage		
	Twin Cities	State	US		Twin Cities	State	US
Historians	\$21.08	21.07	20.94	Funeral Directors	\$27.55	26.72	22.48
Hydrologists	\$31.65	30.85	29.17	General and Operations Managers	\$42.99	38.36	36.36
Industrial-Organizational Psychologists	\$33.89	30.72	33.49	Human Resources Managers	\$42.55	41.41	34.29
Life Scientists, All Other	\$25.69	23.34		Industrial Production Managers	\$39.16	35.90	34.93
Market Research Analysts	\$28.04	27.81	27.10	Legislators	\$6.54	6.73	8.07
Materials Scientists	\$39.70	38.30	35.14	Lodging Managers	\$20.33	17.72	17.72
Medical Scientists, Except Epidemiologists	\$23.92	24.55	29.76	Managers, All Other	\$43.08	41.12	
Microbiologists	\$23.39	22.44	25.76	Marketing Managers	\$52.23	50.24	41.54
Physical Scientists, All Other	\$44.41	38.76		Medical and Health Services Managers	\$36.08	33.83	32.34
Physicists	\$46.02	46.13	41.31	Natural Sciences Managers	\$43.53	40.47	42.36
Social Scientists and Related Workers, All Other	\$30.49	29.99	- <b></b>	Postmasters and Mail Superintendents	\$27.63	24.40	24.72
Survey Researchers	\$17.31	17.14	13.34	Property, Real Estate, and Community Association	\$21.77	21.33	18.89
Urban and Regional Planners	\$27.04	28.49	26.04	Managers Public Relations Managers	\$37.91	36.73	33.05
Zoologists and Wildlife Biologists	\$22.44	24.52	24.38	•	\$37.91 \$39.07	37.39	33.06
Management	**	is a		Purchasing Managers Sales Managers	\$39.07 \$48.52	46.57	39.96
Administrative Services Managers	\$35.53	34.36	28.34	Social and Community Service Managers	\$24.75	24.45	22.52
Advertising and Promotions Managers	\$41.44	40.43	29.93	Transportation, Storage, and Distribution Managers	\$34.26	33.35	31.62
Chief Executives	>\$70.00		66.49	Office & Administrative Support	ψ3 11.23	55.55	31.02
Computer and Information Systems Managers	\$47.41	46.64	44.12	Office & Administrative Support			
Construction Managers	\$36.46	34.74	32.96	All Other Financial, Information, and Record Clerks	\$13.57	13.47	
Education Administrators, Elementary and Secondar	·	80,100	74,989	All Other Material Recording, Scheduling, Dispatching and Distributing Workers	g, \$19.13	14.18	
School Education Administrators, Postsecondary	\$37.06	35.44	33.03	All Other Secretaries, Administrative Assistants, and Other Office Support Workers	\$13.25	12.44	- <b>-</b> -
Education Administrators, Preschool and Child Care	\$17.33	17.10	17.18	Bill and Account Collectors	\$15.76	15.16	13.40
Center/Program Engineering Managers	\$48.87	47.90	46.62	Billing and Posting Clerks and Machine Operators	\$15.13	14.29	13.07
Farm, Ranch, and Other Agricultural Managers	\$38.67	33.95	23.24	Bookkeeping, Accounting, and Auditing Clerks	\$16.02	14.81	13.77
Financial Managers	\$46.32	44.37	38.55	Brokerage Clerks	\$15.58	15.39	16.98
<u>-</u>				Cargo and Freight Agents	\$16.99	16.82	16.67
Food Service Managers	\$20.20	17.98	18.49	Computer Operators	\$16.41	15.68	14.94

Occupational Vittle		dian Wa		Occupational Title	٨	1edian W	/age
	Twin Cities	State	US		win Cities	State	บร
Correspondence Clerks	\$14.15	14.11	13.46	Postal Service Clerks	\$19.92	20.08	20.07
Couriers and Messengers	\$13.56	12.28	9.79	Postal Service Mail Carriers	\$22.72	21.84	21.93
Court, Municipal, and License Clerks	\$16.52	16.23	13.73	Postal Service Mail Sorters, Processors, and Processing	\$19.60	19.43	19.38
Credit Authorizers, Checkers, and Clerks	\$18.39	17.96	13.61	Machine Operators  Procurement Clerks	<b>*14.04</b>	42.02	1401
Customer Service Representatives	\$15.29	14.55	13.10		\$14.84	13.82	14.91
Data Entry Keyers	\$12.83	12.26	11.19	Production, Planning, and Expediting Clerks	\$19.61	18.11	17.36
Desktop Publishers	\$19.53	16.15	15.46	Proofreaders and Copy Markers	\$14.94	13.81	12.08
Dispatchers, Except Police, Fire, and Ambulance	\$19.34	18.10	15.08	Receptionists and Information Clerks	\$11.64	11.42	10.56
Eligibility Interviewers, Government Programs	\$17.06	17.00	16.07	Secretaries, Except Legal, Medical, and Executive	\$15.94	15.75	12.59
Executive Secretaries and Administrative Assistants	\$18.01	17.62	16.91	Shipping, Receiving, and Traffic Clerks	\$13.75	13.13	11.81
File Gerks	\$11.34	11.04	10.15	Statistical Assistants	\$16.14	16.92	14.77
First-Line Supervisors/Managers of Office and	\$21.70	20.56	19.65	Stock Clerks and Order Fillers	\$10.98	10.31	9.78
Administrative Support Workers				Switchboard Operators, Including Answering Service	\$12.20	11.54	10.59
Hotel, Motel, and Resort Desk Clerks	\$9.87	8.64	8.63	Tellers	\$10.90	10.36	10.25
Human Resources Assistants, Except Payroll and Timekeeping	\$16.72	16.25	15.42	Weighers, Measurers, Checkers, and Samplers, Recordkeeping	\$14.72	13.23	12.14
Insurance Claims and Policy Processing Clerks	\$15.63	14.63	14.19	Word Processors and Typists	\$13.92	13.80	13.53
Interviewers, Except Eligibility and Loan	\$12.45	12.18	11.29	Personal Care & Service			
Legal Secretaries	\$21.71	20.43	17.58	Amusement and Recreation Attendants	\$8.33	7.85	7.44
Library Assistants, Clerical	\$11.95	10.26	9.84	Baggage Porters and Bellhops	\$8.27	8.15	8.78
Loan Interviewers and Clerks	\$15.51	14.95	14.03	Barbers	\$12.68	12.91	9.87
Mail Clerks and Mail Machine Operators, Except Postal Service	\$12.04	12.11	10.79	Child Care Workers	\$8.24	7.99	8.06
Medical Secretaries	\$14.94	14.42	12.83	Concierges	\$10.62	10.42	11.17
New Accounts Clerks	\$14.38	13.86	12.89	Costume Attendants	\$14.11	13.85	12.32
Office Clerks, General	\$13.42	12.37	11.05	First-Line Supervisors/Managers of Personal Service	\$15.42	14.76	14.54
Office Machine Operators, Except Computer	\$12.18	12.16	11.30	Workers Fitness Trainers and Aerobics Instructors	412.72	44.00	11.00
Order Clerks	\$15.64	13.95	12.38	Funeral Attendants	\$12.72	11.23	11.98
Payroll and Timekeeping Clerks	\$17.55	16.23	14.63		\$10.05	9.48	9.27
Police, Fire, and Ambulance Dispatchers	\$19.61	17.39	14.04	Gaming and Sports Book Writers and Runners Gaming Supervisors	\$9.75	9.59	9.25
Note: For explanation of wage symbols, see the Methodology section of	n page 15.			Culting Supervisors	\$12.19 	12.36	19.79

Occupational Title	ોધ	dens@kg	!E	Occupational Title	1	1edian W	age
Ţ.	ım Chires	State	ÜS		win Cities	State	US
Gaming Workers, All Other	\$9.61	9.55		Computer-Controlled Machine Tool Operators, Metal	\$19.06	16.39	14.86
Hairdressers, Hairstylists, and Cosmetologists	\$13.22	11.85	9.40	and Plastic	\$15.71	15.67	13.06
Locker Room, Coatroom, and Dressing Room Attendants	\$8.85	8.61	8.51	Crushing, Grinding, and Polishing Machine Setters, Operators, and Tenders	\$13.71	13.07	13.00
Manicurists and Pedicurists	\$8.73	8.76	8.52	Cutting and Slicing Machine Setters, Operators, and Tenders	\$16.45	14.80	13.12
Motion Picture Projectionists	\$8.16	6.97	8.46	Cutting, Punching, and Press Machine Setters,	\$15.47	12.88	12.60
Nonfarm Animal Caretakers	\$8.35	8.32	8.56	Operators, and Tenders, Metal and Plastic	¥		
Personal and Home Care Aides	\$9.83	9.86	8.15	Dental Laboratory Technicians	\$18.64	17.16	14.91
Personal Care and Service Workers, All Other	\$11.00	9.95	- <b></b>	Drilling and Boring Machine Tool Setters, Operators, a Tenders, Metal and Plastic	nd \$18.76	16.23	13.86
Recreation Workers	\$11.02	10.21	9.37	Electrical and Electronic Equipment Assemblers	\$13.89	13.06	11.77
Residential Advisors	\$15.12	14.34	10.40	Electromechanical Equipment Assemblers	\$14.21	14.02	12.85
Shampooers	\$6.98	6.98	7.09	Engine and Other Machine Assemblers	\$16.44	14.24	16.62
Skin Care Specialists	\$15.35	14.79	11.52	Etchers and Engravers	\$12.71	12.70	11.08
Ushers, Lobby Attendants, and Ticket Takers	\$6.76	6.67	7.26	Extruding and Drawing Machine Setters, Operators, ar	d \$13.42	13.59	13.20
Production				Tenders, Metal and Plastic	·		
All Other Food Processing Workers	\$8.35	9.87	<b>-</b>	Fabric and Apparel Patternmakers	\$14.22	13.72	14.47
All Other Printing Workers	\$14.80	13.97	·	Fiberglass Laminators and Fabricators	\$13.55	13.47	12.30
Assemblers and Fabricators, All Other	\$12.25	11.76		First-Line Supervisors/Managers of Production and Operating Workers	\$23.16	21.65	21.65
Bakers	\$11.76	11.16	10.33	Food Batchmakers	\$12.63	11.98	10.88
Bindery Workers	\$14.21	13.86	11.36	Food Cooking Machine Operators and Tenders	\$11.38	11.40	10.35
Bookbinders	\$19.19	18.58	14.34	Forging Machine Setters, Operators, and Tenders, Me	tal \$14.47	14.78	13.30
Butchers and Meat Cutters	\$19.60	15.89	12.76	and Plastic Foundry Mold and Coremakers	\$16.32	14.97	13.29
Cabinetmakers and Bench Carpenters	\$16.28	15.35	12.22	,	\$16.32 \$16.01	19.50	14.67
Cementing and Gluing Machine Operators and Tenders	\$14.86	14.56	11.63	Furnace, Kiln, Oven, Drier, and Kettle Operators and Tenders	\$10.01	19.30	14.07
Chemical Plant and System Operators	\$18.66	18.15	21.71	Furniture Finishers	\$16.11	13.87	11.39
Cleaning, Washing, and Metal Pickling Equipment	\$16.08	10.99	11.80	Grinding and Polishing Workers, Hand	\$15.33	14.67	11.49
Operators and Tenders	**7.54	4- 44	12.02	Grinding, Lapping, Polishing, & Buffing Machine Tool	\$15.11	13.97	13.38
Coating, Painting, and Spraying Machine Setters, Operators, and Tenders	\$17.64	15.41	12.83	Setters, Operators, &Tenders, Metal & Plastic  Heat Treating Equipment Setters, Operators, and	\$14.21	14.73	14.43
Coil Winders, Tapers, and Finishers	\$14.02	12.89	12.11	Tenders, Metal and Plastic	\$17. <b>2</b> 1	27173	I 1. 13

Occupational Vitle	Me	dian Wa	ge	Occupational Title	Median Wage			
Ţ	win Cities	State	US		win Cities	State	ับร	
HelpersProduction Workers	\$10.75	10.80	9.76	Photographic Process Workers	\$14.58	14.11	10.03	
Inspectors, Testers, Sorters, Samplers, and Weighers	\$16.57	15.45	13.83	Photographic Processing Machine Operators	\$11.51	11.07	9.42	
Jewelers and Precious Stone and Metal Workers	\$17.48	16.35	13.48	Plant and System Operators, All Other	\$19.88	19.00		
Job Printers	\$22.71	17.96	15.36	Plating and Coating Machine Setters, Operators, and	\$15.54	13.62	13.00	
Lathe and Turning Machine Tool Setters, Operators, an Tenders, Metal and Plastic	d \$17.87	16.67	14.91	Tenders, Metal and Plastic Pourers and Casters, Metal	\$17.31	16.02	14.10	
Laundry and Dry-Cleaning Workers	\$11.17	10.59	8.40	Power Distributors and Dispatchers	\$29.55	26.17	27.90	
Lay-Out Workers, Metal and Plastic	\$16.06	15.02	15.69	Prepress Technicians and Workers	\$19.85	17.10	15.63	
Machinists	\$19.76	18.61	16.47	Pressers, Textile, Garment, and Related Materials	\$10.82	10.53	8.45	
Meat, Poultry, and Fish Cutters and Trimmers	\$11.57	9.65	9.17	Printing Machine Operators	\$17.46	16.35	14.73	
Medical Appliance Technicians	\$15.95	12.46	13.95	Production Workers, All Other	\$14.14	13.06		
Metal Workers and Plastic Workers, All Other	\$11.38	12.43	<b>-</b>	Rolling Machine Setters, Operators, and Tenders, Meta	l \$15.51	15.33	14.43	
Metal-Refining Furnace Operators and Tenders	\$17.11	16.59	16.02	and Plastic				
Milling and Planing Machine Setters, Operators, and Tenders, Metal and Plastic	\$18.76	17.94	14.92	Sawing Machine Setters, Operators, and Tenders, Woo Sewers, Hand	d \$13.42 \$11.00	13.53 10.41	11.13 8.93	
Mixing and Blending Machine Setters, Operators, and	\$17.36	16.42	13.81	Sewing Machine Operators	\$12.93	11.27	8.79	
Tenders	100.64			Shoe and Leather Workers and Repairers	\$11.24	10.26	9.59	
Model Makers, Metal and Plastic	\$22.04	21.08	21.85	Stationary Engineers and Boiler Operators	\$23.09	21.69	21.51	
Molders, Shapers, and Casters, Except Metal and Plastic	·	15.41	12.00	Structural Metal Fabricators and Fitters	\$17.09	15.85	14.31	
Molding, Coremaking, and Casting Machine Setters, Operators, and Tenders, Metal and Plastic	\$14.47	14.16	11.92	Tailors, Dressmakers, and Custom Sewers	\$13.68	13.15	10.64	
Multiple Machine Tool Setters, Operators, and Tenders,	\$17.35	15.49	14.26	Team Assemblers	\$13.84	12.93	11.60	
Metal and Plastic  Numerical Tool and Process Control Programmers	\$21.57	20.33	19.31	Textile Cutting Machine Setters, Operators, and Tender	s \$12.34	11.52	10.20	
Ophthalmic Laboratory Technicians	\$13.41	11.25	11.26	Textile Knitting and Weaving Machine Setters,	\$11.97	11.40	11.66	
Packaging and Filling Machine Operators and Tenders	\$11.75	11.77	10.88	Operators, and Tenders  Textile, Apparel, and Furnishings Workers, All Other	\$9.09	9.27	<u></u>	
Painters, Transportation Equipment	\$20.36	16.71	17.02	Timing Device Assemblers, Adjusters, and Calibrators	\$13.41	12.27	13.11	
Painting, Coating, and Decorating Workers	\$10.32	10.48	11.05	Tool and Die Makers	\$24.60	22.64	21.00	
Paper Goods Machine Setters, Operators, and Tenders	\$15.09	15.06	14.53	Tool Grinders, Filers, and Sharpeners	\$16.71	15.78	14.70	
Patternmakers, Metal and Plastic	\$16.83	16.68	18.47	Upholsterers	\$13.51	12.55	12.34	
Petroleum Pump System Operators, Refinery Operators, and Gaugers  Note: For explanation of wage symbols, see the Methodology section on the symbols.	, \$21.11	20.97	24.54	,	413.31	12.33	12.37	

Occupational Title	<u>Mt</u> a	<u>վեռուն/եր</u>	JE.	Occupational Title	M	ledian W	age
	m Chies	State	US	Twi	n Cities	State	US
Water and Liquid Waste Treatment Plant and System	\$18.71	18.08	16.76	First-Line Supervisors/Managers of Retail Sales Workers	\$15.96	15.33	15.63
Operators	***	16.43	14.00	Gaming Change Persons and Booth Cashiers	\$10.16		10.08
Welders, Cutters, Solderers, and Brazers	\$18.95	16.47	14.82	Insurance Sales Agents	\$22.65	21.68	19.99
Welding, Soldering, and Brazing Machine Setters, Operators, and Tenders	\$17.12	15.22	14.45	Parts Salespersons	\$15.00	13.06	12.29
Woodworkers, All Other	\$13.66	12.58	- <b></b>	Real Estate Brokers	\$14.15	19.74	26.92
Woodworking Machine Setters, Operators, and Tenders, Except Sawing	\$13.47	12.92	11.10	Real Estate Sales Agents	\$21.48 \$9.83	20.05 9.28	16.75 9.08
Protective Service				Retail Salespersons	\$21.34	20.17	7.00
Animal Control Workers	\$16.11	15.71	12.60	Sales and Related Workers, All Other	,	32.42	33.92
Correctional Officers and Jailers	\$19.08	18.19	16.18	Sales Engineers	\$34.08		22.05
	\$29.40	27.79	25.98	Sales Representatives, Wholesale and Manufacturing, Except Technical and Scientific Products	\$27.43	26.07	22.03
Detectives and Criminal Investigators Fire Fighters	\$12.14	13.38	18.22	Sales Representatives, Wholesale and Manufacturing, Technical and Scientific Products	\$30.47	30.95	28.63
Fire Inspectors and Investigators	\$25.83	24.98	22.31	Securities, Commodities, and Financial Services Sales	\$37.98	35.36	31.04
First-Line Supervisors/Managers of Correctional Officers	\$30.12	26.96	21.56	Agents			
First-Line Supervisors/Managers of Fire Fighting and	\$30.52	27.79	27.91	Telemarketers	\$11.34	10.42	10.04
Prevention Workers				Travel Agents	\$13.80	13.47	13.50
First-Line Supervisors/Managers of Police and Detective		30.24	30.77	Transportation & Material Moving			
First-Line Supervisors/Managers of Protective Service Workers, Except Police, Fire and Corrections	\$18.02	16.91		Air Traffic Controllers	\$57.14	54.52	47.96
Police and Sheriff's Patrol Officers	\$25.03	22.60	21.68	Aircraft Cargo Handling Supervisors	\$22.77	14.13	16.99
Private Detectives and Investigators	\$15.10	14.16	14.84	Airline Pilots, Copilots, and Flight Engineers	\$94,729	92,517	131,754
Protective Service Workers, All Other	\$11.78	11.56	<b>-</b>	All Other Air Transportation Workers	\$10.97	10.97	- <b></b>
Security Guards	\$10.80	10.73	9.72	Bridge and Lock Tenders	\$23.52	22.30	17.97
Sales & Related		,		Bus Drivers, School	\$13.05	12.89	11.15
Advertising Sales Agents	\$20.01	17.57	19.41	Cleaners of Vehicles and Equipment	\$9.75	9.29	8.50
Cashiers	\$8.90	8.33	7.91	Commercial Pilots	\$56,483	-,	52,438
Counter and Rental Clerks	\$8.71	8.22	8.80	Conveyor Operators and Tenders	\$14.21	13.76	12.42
	\$9.41	9.32	10.04	Crane and Tower Operators	\$24.64	20.05	18.02
Demonstrators and Product Promoters	\$35.97	33.90	28.07	Driver/Sales Workers	\$12.30	11.92	9.99
First-Line Supervisors/Managers of Non-Retail Sales Workers	\$35.9/	33.30	20.07	Excavating and Loading Machine and Dragline Operators	\$23.94	21.44	15.61
Note: For explanation of wage symbols, see the Methodology section on	page 15.				_		13

2004 Minnesota Salary Survey Twin Cities Planning Region

Occupational Title	Median Wage			Occupational Title	Median Wage		
	in Cities	State	US		Twin Cities	State	US
First-Line Supervisors/Managers of Helpers, Laborers, and Material Movers, Hand	\$20.39	19.22	18.71				
First-Line Supervisors/Managers of Transportation and Material-Moving Machine and Vehicle Operators	\$21.63	20.22	21.76				
Gas Compressor and Gas Pumping Station Operators	\$20.19	23.45	21.51				
Hoist and Winch Operators	\$16.83	17.78	15.49				
Industrial Truck and Tractor Operators	\$15.52	14.74	12.98				
Laborers and Freight, Stock, and Material Movers, Hand	\$12.45	11.61	9.79				
Machine Feeders and Offbearers	\$13.63	13.11	10.79				
Material Moving Workers, All Other	\$14.41	12.82					
Motor Vehicle Operators, All Other	\$8.90	9.00					
Packers and Packagers, Hand	\$9.76	9.16	8.32				
Parking Lot Attendants	\$9.09	9.16	8.25				
Refuse and Recyclable Material Collectors	\$16.59	14.97	12.29				
Service Station Attendants	\$9.62	9.01	8.37				
Transportation Workers, All Other	\$12.81	11.96					
Truck Drivers, Heavy and Tractor-Trailer	\$19.85	17.23	16.31				
Truck Drivers, Light or Delivery Services	\$14.24	13.21	11.89				

## 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 Twin Cities Metro 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 Twin Cities Metro Planning Region include Anoka, Carver, Dakota, Hennepin, Ramsey, Scott, and Washington. The statewide response rate for the four years combined was 77.1 percent (20,300 responses out of 26,326 establishments surveyed). In the Twin Cities alone, 8,890 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 <a href="http://www.deed.state.mn.us/lmi/tools/oes/">http://www.deed.state.mn.us/lmi/tools/oes/</a> to obtain the full data set.

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

Twin Cities Regional Analyst: 651.296.8713

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

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