

2003

Minnesota

SALARY SURVEY

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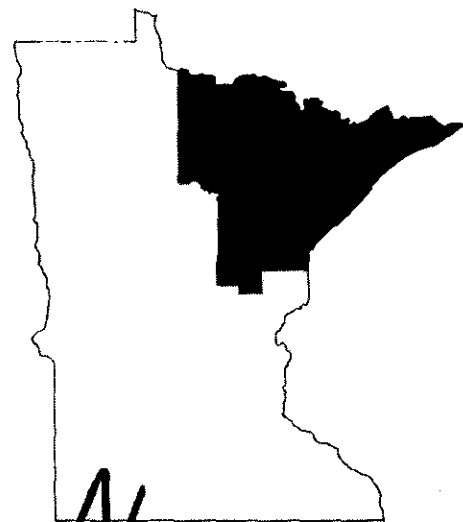


MINNESOTA  
DEPARTMENT  
OF  
EMPLOYMENT  
AND  
ECONOMIC  
DEVELOPMENT

LABOR MARKET  
INFORMATION  
OFFICE

IN COOPERATION  
WITH THE

UNITED STATES  
DEPARTMENT  
OF LABOR



**N**ORTHEAST  
PLANNING REGION

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

February 2004

Occupational Title	Median Wage			Occupational Title	Median Wage		
	Northeast	State	US		Northeast	State	US
<b>Architecture &amp; Engineering</b>				Interpreters and Translators	\$16.81	<b>16.29</b>	16.15
All Other Drafters, Engineering, and Mapping Technicians	\$19.52	<b>21.15</b>	---	Media and Communication Equipment Workers, All Other	\$8.55	<b>15.91</b>	---
Architects, Except Landscape and Naval	\$32.16	<b>27.85</b>	28.05	Media and Communication Workers, All Other	\$14.36	<b>23.24</b>	---
Architectural and Civil Drafters	\$16.66	<b>18.87</b>	18.50	Merchandise Displayers and Window Trimmers	\$8.21	<b>11.65</b>	11.17
Civil Engineering Technicians	\$22.69	<b>21.38</b>	18.68	News Analysts, Reporters and Correspondents	\$14.61	<b>13.57</b>	15.12
Civil Engineers	\$26.12	<b>27.85</b>	29.76	Photographers	\$12.53	<b>14.99</b>	11.91
Electrical and Electronic Engineering Technicians	\$22.40	<b>20.81</b>	21.28	Public Relations Specialists	\$20.06	<b>21.84</b>	20.66
Electrical and Electronics Drafters	\$20.63	<b>20.40</b>	20.36	Radio Operators	\$21.41	<b>19.59</b>	15.62
Electronics Engineers, Except Computer	\$31.36	<b>34.61</b>	34.64	Technical Writers	\$14.08	<b>25.78</b>	25.06
Engineers, All Other	\$30.90	<b>34.36</b>	---	Writers and Authors	\$10.47	<b>21.10</b>	21.20
Environmental Engineers	\$27.89	<b>30.10</b>	30.42	<b>Building &amp; Grounds Cleaning &amp; Maintenance</b>			
Health and Safety Engineers, Except Mining Safety Engineers and Inspectors	\$36.25	<b>33.18</b>	28.74	All Other Building and Grounds Cleaning and Maintenance Workers	\$9.64	<b>9.85</b>	---
Industrial Engineering Technicians	\$21.58	<b>20.31</b>	20.76	First-Line Supervisors/Managers of Housekeeping and Janitorial Workers	\$11.91	<b>14.22</b>	13.94
Industrial Engineers	\$25.58	<b>30.09</b>	30.79	First-Line Supervisors/Managers of Landscaping, Lawn Service, and Groundskeeping Workers	\$13.98	<b>17.79</b>	16.37
Mechanical Drafters	\$16.25	<b>19.84</b>	20.18	Grounds Maintenance Workers, All Other	\$15.52	<b>11.80</b>	---
Mechanical Engineering Technicians	\$20.18	<b>20.98</b>	20.45	Janitors and Cleaners, Except Maids and Housekeeping Cleaners	\$9.06	<b>9.92</b>	9.04
Mechanical Engineers	\$29.00	<b>29.57</b>	31.15	Landscaping and Groundskeeping Workers	\$9.70	<b>11.31</b>	9.80
Mining and Geological Engineers, Including Mining Safety Engineers	\$29.36	<b>29.43</b>	30.61	Maids and Housekeeping Cleaners	\$7.45	<b>8.74</b>	8.14
Surveying and Mapping Technicians	\$16.97	<b>16.07</b>	14.48	<b>Business &amp; Financial Operations</b>			
Surveyors	\$19.08	<b>21.35</b>	19.81	Accountants and Auditors	\$20.52	<b>24.23</b>	23.29
<b>Arts, Design, Entertainment, Sports, &amp; Media</b>				All Other Business Operations and Human Resources Specialists	\$20.11	<b>22.67</b>	---
All Other Art and Design Workers	\$13.41	<b>16.73</b>	---	Appraisers and Assessors of Real Estate	\$24.86	<b>25.94</b>	20.69
Announcers	\$9.34	<b>10.03</b>	10.21	Budget Analysts	\$23.02	<b>25.33</b>	26.00
Audio and Video Equipment Technicians	\$11.98	<b>19.78</b>	15.42	Claims Adjusters, Examiners, and Investigators	\$19.93	<b>20.31</b>	21.31
Broadcast Technicians	\$14.89	<b>13.82</b>	13.76	Compensation, Benefits, and Job Analysis Specialists	\$19.47	<b>21.21</b>	22.34
Commercial and Industrial Designers	\$21.90	<b>22.10</b>	25.89	Compliance Officers, Except Agriculture, Construction, Health and Safety, and Transportation	\$22.86	<b>25.09</b>	22.20
Editors	\$18.77	<b>20.16</b>	20.39	Cost Estimators	\$20.23	<b>22.73</b>	23.56
Entertainers and Performers, Sports and Related Workers, All Other	\$25,831	<b>22,390</b>	---	Credit Analysts	\$21.38	<b>22.55</b>	21.26
Floral Designers	\$7.93	<b>9.89</b>	9.66	Emergency Management Specialists	\$22.45	<b>23.26</b>	21.58
Graphic Designers	\$15.52	<b>18.07</b>	18.18				
Interior Designers	\$16.36	<b>20.59</b>	19.41				

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
Employment, Recruitment, and Placement Specialists	\$21.11	<b>22.13</b>	19.53	Computer Specialists, All Other	\$20.60	<b>30.54</b>	- - -
Financial Analysts	\$31.53	<b>30.31</b>	28.29	Computer Support Specialists	\$16.83	<b>19.39</b>	19.37
Financial Examiners	\$29.36	<b>30.38</b>	27.85	Computer Systems Analysts	\$26.02	<b>30.92</b>	31.16
Financial Specialists, All Other	\$25.65	<b>23.24</b>	- - -	Database Administrators	\$26.41	<b>28.12</b>	27.49
Loan Counselors	\$13.32	<b>15.66</b>	15.86	Network and Computer Systems Administrators	\$21.06	<b>26.89</b>	27.15
Loan Officers	\$18.23	<b>22.41</b>	21.79	Network Systems and Data Communications Analysts	\$25.05	<b>28.39</b>	28.95
Management Analysts	\$28.39	<b>31.95</b>	29.89	Operations Research Analysts	\$23.43	<b>22.59</b>	28.19
Meeting and Convention Planners	\$18.05	<b>19.10</b>	18.54	<b>Construction &amp; Extraction</b>			
Personal Financial Advisors	\$22.06	<b>25.02</b>	28.08	All Other Construction Trades and Related Workers	\$15.39	<b>18.77</b>	- - -
Purchasing Agents and Buyers, Farm Products	\$18.12	<b>22.94</b>	20.26	Brickmasons and Blockmasons	\$24.56	<b>26.35</b>	20.72
Purchasing Agents, Except Wholesale, Retail, and Farm Products	\$21.51	<b>23.19</b>	22.34	Carpenters	\$19.37	<b>19.18</b>	16.94
Tax Examiners, Collectors, and Revenue Agents	\$21.61	<b>26.03</b>	20.93	Carpet Installers	\$16.40	<b>23.93</b>	16.15
Tax Preparers	\$11.08	<b>17.74</b>	12.70	Cement Masons and Concrete Finishers	\$22.52	<b>20.95</b>	15.19
Training and Development Specialists	\$20.85	<b>22.23</b>	21.21	Construction and Building Inspectors	\$21.66	<b>24.66</b>	20.62
Wholesale and Retail Buyers, Except Farm Products	\$18.38	<b>21.91</b>	20.20	Construction Laborers	\$19.29	<b>18.31</b>	12.26
<b>Community &amp; Social Services</b>				Electricians	\$24.87	<b>27.34</b>	20.51
All Other Counselors, Social and Religious Workers	\$18.66	<b>16.45</b>	- - -	First-Line Supervisors/Managers of Construction Trades and Extraction Workers	\$25.50	<b>26.49</b>	23.62
Child, Family, and School Social Workers	\$20.49	<b>18.27</b>	16.43	Glaziers	\$24.13	<b>18.94</b>	15.66
Clergy	\$14.81	<b>18.95</b>	16.41	Hazardous Materials Removal Workers	\$13.62	<b>20.58</b>	16.09
Educational, Vocational, and School Counselors	\$15.38	<b>17.46</b>	21.85	Helpers, Construction Trades, All Other	\$19.72	<b>16.80</b>	- - -
Health Educators	\$18.51	<b>19.47</b>	17.96	Helpers--Brickmasons, Blockmasons, Stonemasons, and Tile and Marble Setters	\$18.36	<b>20.62</b>	12.09
Medical and Public Health Social Workers	\$17.49	<b>17.41</b>	18.52	Helpers--Carpenters	\$10.47	<b>12.65</b>	10.66
Mental Health and Substance Abuse Social Workers	\$16.43	<b>19.45</b>	16.27	Helpers--Electricians	\$13.97	<b>13.60</b>	11.44
Mental Health Counselors	\$14.94	<b>16.33</b>	14.83	Helpers--Painters, Paperhangers, Plasterers, and Stucco Masons	\$12.34	<b>13.98</b>	9.95
Probation Officers and Correctional Treatment Specialists	\$22.34	<b>24.22</b>	19.00	Highway Maintenance Workers	\$18.00	<b>17.46</b>	14.07
Rehabilitation Counselors	\$13.72	<b>14.49</b>	12.81	Mining Machine Operators, All Other	\$20.94	<b>20.91</b>	- - -
Social and Human Service Assistants	\$9.75	<b>11.90</b>	11.58	Operating Engineers and Other Construction Equipment Operators	\$20.67	<b>20.67</b>	17.46
Substance Abuse and Behavioral Disorder Counselors	\$15.84	<b>17.09</b>	14.95	Painters, Construction and Maintenance	\$21.00	<b>18.53</b>	14.41
<b>Computer &amp; Mathematical</b>				Paving, Surfacing, and Tamping Equipment Operators	\$23.65	<b>19.61</b>	14.29
Computer Programmers	\$16.99	<b>28.28</b>	29.86	Pipelayers	\$21.09	<b>21.08</b>	14.12
Computer Software Engineers, Applications	\$29.57	<b>34.77</b>	35.13				
Computer Software Engineers, Systems Software	\$28.49	<b>36.54</b>	36.68				

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
Plumbers, Pipefitters, and Steamfitters	\$22.77	<b>26.08</b>	19.90	Preschool Teachers, Except Special Education	\$12.71	<b>11.52</b>	9.54
Roofers	\$14.16	<b>17.35</b>	14.95	Psychology Teachers, Postsecondary	\$48,348	<b>55,198</b>	55,409
Septic Tank Servicers and Sewer Pipe Cleaners	\$13.95	<b>16.47</b>	13.84	Recreation and Fitness Studies Teachers, Postsecondary	\$53,260	<b>49,823</b>	44,960
Sheet Metal Workers	\$20.80	<b>21.44</b>	17.13	Secondary School Teachers, Except Special and Vocational Education	\$41,761	<b>43,350</b>	45,289
Structural Iron and Steel Workers	\$26.12	<b>29.28</b>	20.15	Self-Enrichment Education Teachers	\$12.11	<b>17.46</b>	14.52
Tapers	\$26.39	<b>24.05</b>	19.32	Sociology Teachers, Postsecondary	\$52,838	<b>54,412</b>	53,811
<b>Education, Training, &amp; Library</b>				Special Education Teachers, Preschool, Kindergarten, and Elementary School	\$46,982	<b>44,488</b>	43,991
All Other Teachers, Primary, Secondary, and Adult	\$31,811	<b>31,427</b>	- - -	Special Education Teachers, Secondary School	\$47,955	<b>42,763</b>	45,475
Archivists, Curators, and Museum Technicians	\$14.99	<b>19.07</b>	17.48	Teacher Assistants	\$20,548	<b>21,634</b>	19,229
Area, Ethnic, and Cultural Studies Teachers, Postsecondary	\$50,950	<b>53,848</b>	57,212	Vocational Education Teachers, Middle School	\$43,970	<b>42,141</b>	43,888
Atmospheric, Earth, Marine, and Space Sciences Teachers, Postsecondary	\$51,962	<b>64,766</b>	64,559	Vocational Education Teachers, Postsecondary	\$25.74	<b>22.19</b>	19.28
Audio-Visual Collections Specialists	\$23.61	<b>23.24</b>	16.03	Vocational Education Teachers, Secondary School	\$42,491	<b>44,707</b>	45,691
Biological Science Teachers, Postsecondary	\$52,764	<b>52,953</b>	57,294	<b>Farming, Fishing, &amp; Forestry</b>			
Business Teachers, Postsecondary	\$55,436	<b>57,336</b>	56,625	Agricultural Inspectors	\$22.11	<b>18.23</b>	14.18
Chemistry Teachers, Postsecondary	\$54,890	<b>57,063</b>	56,635	Farmworkers and Laborers, Crop, Nursery, and Greenhouse	\$6.99	<b>9.67</b>	7.46
Communications Teachers, Postsecondary	\$49,737	<b>51,675</b>	49,947	First-Line Supervisors/Managers of Farming, Fishing, and Forestry Workers	\$18.67	<b>19.25</b>	16.93
Computer Science Teachers, Postsecondary	\$56,855	<b>58,246</b>	51,380	Graders and Sorters, Agricultural Products	\$14.90	<b>9.95</b>	7.90
Education, Training, and Library Workers, All Other	\$11.88	<b>15.45</b>	- - -	Log Graders and Scalers	\$19.72	<b>17.14</b>	13.48
Elementary School Teachers, Except Special Education	\$45,789	<b>43,246</b>	43,053	Logging Equipment Operators	\$14.10	<b>12.47</b>	13.27
Engineering Teachers, Postsecondary	\$72,741	<b>86,420</b>	70,474	<b>Food Preparation &amp; Serving-Related</b>			
English Language and Literature Teachers, Postsecondary	\$53,626	<b>52,544</b>	48,175	Bartenders	\$7.56	<b>7.46</b>	7.43
Foreign Language and Literature Teachers, Postsecondary	\$49,286	<b>49,675</b>	47,587	Chefs and Head Cooks	\$14.55	<b>14.31</b>	13.84
Health Specialties Teachers, Postsecondary	\$57,469	- - -	62,354	Combined Food Preparation and Serving Workers, Including Fast Food	\$6.58	<b>7.51</b>	7.18
History Teachers, Postsecondary	\$53,085	<b>54,107</b>	53,368	Cooks, Fast Food	\$6.92	<b>7.74</b>	7.11
Instructional Coordinators	\$23.74	<b>25.86</b>	23.46	Cooks, Institution and Cafeteria	\$9.98	<b>10.67</b>	8.99
Kindergarten Teachers, Except Special Education	\$34,476	<b>41,874</b>	41,023	Cooks, Restaurant	\$8.54	<b>9.98</b>	9.44
Librarians	\$21.38	<b>21.46</b>	21.35	Cooks, Short Order	\$7.95	<b>9.03</b>	8.06
Library Technicians	\$15.58	<b>13.41</b>	11.93	Counter Attendants, Cafeteria, Food Concession, and Coffee Shop	\$7.21	<b>7.49</b>	7.54
Mathematical Science Teachers, Postsecondary	\$54,244	<b>56,527</b>	51,812	Dining Room and Cafeteria Attendants and Bartender Helpers	\$6.61	<b>7.20</b>	7.20
Middle School Teachers, Except Special and Vocational Education	\$48,814	<b>40,867</b>	43,095				
Nursing Instructors and Teachers, Postsecondary	\$49,519	<b>51,969</b>	51,936				
Philosophy and Religion Teachers, Postsecondary	\$44,496	<b>46,940</b>	50,504				

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
Dishwashers	\$6.55	<b>7.42</b>	7.37	Physicians and Surgeons, All Other	>\$70.00	<b>&gt;70.00</b>	- - -
First-Line Supervisors/Managers of Food Preparation and Serving Workers	\$10.60	<b>12.07</b>	12.09	Psychiatrists	\$67.20	<b>53.62</b>	64.87
Food Preparation and Serving Related Workers, All Other	\$6.51	<b>7.97</b>	- - -	Radiologic Technologists and Technicians	\$18.96	<b>20.86</b>	19.31
Food Preparation Workers	\$9.13	<b>9.00</b>	8.09	Recreational Therapists	\$17.65	<b>16.63</b>	15.13
Food Servers, Nonrestaurant	\$9.10	<b>8.32</b>	7.75	Registered Nurses	\$21.95	<b>25.63</b>	23.82
Hosts and Hostesses, Restaurant, Lounge, and Coffee Shop	\$6.53	<b>8.23</b>	7.58	Respiratory Therapists	\$20.32	<b>22.46</b>	19.93
Waiters and Waitresses	\$6.55	<b>6.62</b>	7.01	Speech-Language Pathologists	\$24.28	<b>23.11</b>	24.49
				Surgical Technologists	\$17.97	<b>18.92</b>	15.46
				Veterinarians	\$27.15	<b>32.34</b>	31.25
<b>Healthcare Practitioners &amp; Technical</b>				Veterinary Technologists and Technicians	\$12.09	<b>12.41</b>	11.37
All Other Health Diagnosing and Treating Practitioners	\$21.18	<b>20.92</b>	- - -				
All Other Health Professionals and Technicians	\$15.81	<b>18.84</b>	- - -	<b>Healthcare Support</b>			
Anesthesiologists	>\$70.00	<b>65.40</b>	>70.00	Dental Assistants	\$12.76	<b>15.98</b>	13.50
Cardiovascular Technologists and Technicians	\$19.11	<b>18.42</b>	18.05	Healthcare Support Workers, All Other	\$12.44	<b>12.36</b>	- - -
Chiropractors	\$38.51	<b>26.65</b>	32.37	Home Health Aides	\$9.12	<b>9.86</b>	8.97
Dental Hygienists	\$25.53	<b>28.75</b>	27.40	Medical Assistants	\$10.53	<b>12.95</b>	11.86
Diagnostic Medical Sonographers	\$24.94	<b>25.89</b>	24.11	Medical Equipment Preparers	\$13.92	<b>11.65</b>	11.38
Dietetic Technicians	\$14.53	<b>14.39</b>	11.14	Medical Transcriptionists	\$13.52	<b>14.37</b>	13.45
Dietitians and Nutritionists	\$20.44	<b>21.41</b>	20.39	Nursing Aides, Orderlies, and Attendants	\$11.14	<b>11.29</b>	9.88
Emergency Medical Technicians and Paramedics	\$10.91	<b>12.61</b>	11.90	Occupational Therapist Assistants	\$16.41	<b>16.27</b>	18.16
Family and General Practitioners	>\$70.00	<b>&gt;70.00</b>	64.70	Pharmacy Aides	\$9.29	<b>9.83</b>	9.13
Internists, General	>\$70.00	<b>68.56</b>	>70.00	Physical Therapist Aides	\$12.05	<b>10.97</b>	10.24
Licensed Practical and Licensed Vocational Nurses	\$15.32	<b>15.54</b>	15.58	Physical Therapist Assistants	\$15.91	<b>16.45</b>	17.87
Medical and Clinical Laboratory Technicians	\$14.60	<b>16.53</b>	14.39	Veterinary Assistants and Laboratory Animal Caretakers	\$9.16	<b>8.39</b>	8.81
Medical and Clinical Laboratory Technologists	\$20.55	<b>21.02</b>	21.26				
Medical Records and Health Information Technicians	\$13.23	<b>12.62</b>	11.84	<b>Installation, Maintenance, &amp; Repair</b>			
Occupational Health and Safety Specialists and Technicians	\$26.25	<b>24.88</b>	22.79	All Other Electrical and Electronic Equipment Mechanics, Installers, and Repairers	\$14.40	<b>16.55</b>	- - -
Occupational Therapists	\$24.61	<b>23.82</b>	25.75	All Other Vehicle and Mobile Equipment Mechanics, Installers, and Repairers	\$21.85	<b>19.34</b>	- - -
Opticians, Dispensing	\$10.31	<b>12.95</b>	12.69	Automotive Body and Related Repairers	\$14.10	<b>18.29</b>	16.19
Pediatricians, General	\$55.77	<b>67.70</b>	66.06	Automotive Glass Installers and Repairers	\$14.90	<b>17.60</b>	13.32
Pharmacists	\$38.09	<b>38.71</b>	38.17	Automotive Service Technicians and Mechanics	\$13.68	<b>15.28</b>	15.16
Pharmacy Technicians	\$10.73	<b>13.48</b>	11.03	Avionics Technicians	\$13.87	<b>23.67</b>	20.83
Physical Therapists	\$26.17	<b>26.87</b>	28.40	Bus and Truck Mechanics and Diesel Engine Specialists	\$16.31	<b>18.00</b>	17.03
Physician Assistants	\$34.29	<b>33.61</b>	32.04				

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
Computer, Automated Teller, and Office Machine Repairers	\$13.99	<b>17.32</b>	16.47	All Other Life, Physical, and Social Science Technicians	\$17.35	<b>19.33</b>	---
Electric Motor, Power Tool, and Related Repairers	\$33.46	<b>19.45</b>	15.96	Biological Technicians	\$17.61	<b>15.73</b>	16.21
Electrical and Electronics Repairers, Commercial and Industrial Equipment	\$23.25	<b>21.54</b>	20.37	Chemical Technicians	\$13.47	<b>17.20</b>	18.55
Electronic Home Entertainment Equipment Installers and Repairers	\$26.43	<b>10.41</b>	13.48	Chemists	\$25.05	<b>28.17</b>	26.21
Farm Equipment Mechanics	\$12.59	<b>14.06</b>	13.43	Clinical, Counseling, and School Psychologists	\$22.73	<b>23.21</b>	25.35
First-Line Supervisors/Managers of Mechanics, Installers, and Repairers	\$22.40	<b>23.62</b>	23.57	Conservation Scientists	\$25.51	<b>25.83</b>	24.94
Heating, Air Conditioning, and Refrigeration Mechanics and Installers	\$16.58	<b>18.91</b>	17.29	Environmental Science and Protection Technicians, Including Health	\$16.33	<b>18.00</b>	17.50
Helpers--Installation, Maintenance, and Repair Workers	\$12.38	<b>11.12</b>	10.62	Environmental Scientists and Specialists, Including Health	\$24.13	<b>24.05</b>	23.58
Home Appliance Repairers	\$19.74	<b>17.98</b>	15.06	Forest and Conservation Technicians	\$18.89	<b>15.21</b>	15.35
Industrial Machinery Mechanics	\$21.41	<b>19.95</b>	18.82	Foresters	\$24.58	<b>24.85</b>	23.15
Installation, Maintenance, and Repair Workers, All Other	\$20.06	<b>16.29</b>	---	Geoscientists, Except Hydrologists and Geographers	\$21.79	<b>26.32</b>	33.43
Maintenance and Repair Workers, General	\$16.38	<b>16.14</b>	14.55	Hydrologists	\$25.74	<b>29.89</b>	28.01
Maintenance Workers, Machinery	\$19.11	<b>15.93</b>	16.11	Life Scientists, All Other	\$25.16	<b>22.70</b>	---
Manufactured Building and Mobile Home Installers	\$10.60	<b>12.14</b>	11.48	Market Research Analysts	\$23.30	<b>27.33</b>	26.66
Medical Equipment Repairers	\$16.77	<b>18.29</b>	18.02	Medical Scientists, Except Epidemiologists	\$31.80	<b>21.77</b>	28.24
Mobile Heavy Equipment Mechanics, Except Engines	\$20.11	<b>19.92</b>	17.82	Physical Scientists, All Other	\$19.87	<b>42.29</b>	---
Motorboat Mechanics	\$12.56	<b>15.72</b>	14.40	Social Scientists and Related Workers, All Other	\$27.72	<b>28.27</b>	---
Motorcycle Mechanics	\$14.73	<b>13.73</b>	13.43	Urban and Regional Planners	\$25.25	<b>27.28</b>	24.71
Outdoor Power Equipment and Other Small Engine Mechanics	\$11.94	<b>12.88</b>	12.29	Zoologists and Wildlife Biologists	\$25.22	<b>23.96</b>	23.65
Recreational Vehicle Service Technicians	\$14.01	<b>13.75</b>	13.42	<b>Management</b>			
Telecommunications Line Installers and Repairers	\$17.70	<b>16.63</b>	19.64	Administrative Services Managers	\$29.27	<b>33.52</b>	26.01
Tire Repairers and Changers	\$9.80	<b>9.91</b>	9.99	Advertising and Promotions Managers	\$23.47	<b>36.72</b>	28.31
<b>Legal</b>				Chief Executives	\$52.78	<b>&gt;70.00</b>	62.55
All Other Legal and Related Workers	\$20.55	<b>20.67</b>	---	Computer and Information Systems Managers	\$37.59	<b>45.19</b>	42.23
Law Clerks	\$19.66	<b>19.65</b>	15.10	Construction Managers	\$30.43	<b>34.64</b>	31.46
Lawyers	\$34.90	<b>41.26</b>	44.73	Education Administrators, Elementary and Secondary School	\$74,939	<b>79,720</b>	73,669
Paralegals and Legal Assistants	\$17.66	<b>19.72</b>	18.81	Education Administrators, Postsecondary	\$31.93	<b>35.05</b>	32.03
Title Examiners, Abstractors, and Searchers	\$13.06	<b>16.33</b>	16.16	Education Administrators, Preschool and Child Care Center/Program	\$15.36	<b>16.12</b>	16.52
<b>Life, Physical, &amp; Social Science</b>				Engineering Managers	\$37.89	<b>45.27</b>	45.04
Agricultural and Food Scientists	\$26.53	<b>23.63</b>	24.11	Financial Managers	\$36.99	<b>42.58</b>	36.33
				Food Service Managers	\$16.96	<b>19.19</b>	17.73
				Funeral Directors	\$18.03	<b>24.21</b>	21.49

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
General and Operations Managers	\$26.90	<b>36.16</b>	33.80	Dispatchers, Except Police, Fire, and Ambulance	\$18.82	<b>18.11</b>	15.00
Human Resources Managers	\$34.43	<b>39.18</b>	32.06	Executive Secretaries and Administrative Assistants	\$15.84	<b>17.14</b>	16.55
Industrial Production Managers	\$34.43	<b>35.65</b>	33.36	File Clerks	\$9.09	<b>10.74</b>	9.92
Legislators	\$14,224	<b>14,435</b>	7.54	First-Line Supervisors/Managers of Office and Administrative Support Workers	\$17.46	<b>20.04</b>	19.23
Lodging Managers	\$21.37	<b>16.57</b>	16.83	Hotel, Motel, and Resort Desk Clerks	\$7.44	<b>8.62</b>	8.60
Managers, All Other	\$31.74	<b>37.57</b>	- - -	Human Resources Assistants, Except Payroll and Timekeeping	\$12.83	<b>15.93</b>	15.07
Marketing Managers	\$37.54	<b>47.46</b>	38.77	Interviewers, Except Eligibility and Loan	\$11.17	<b>11.70</b>	10.75
Medical and Health Services Managers	\$28.97	<b>32.23</b>	30.40	Legal Secretaries	\$14.15	<b>20.38</b>	17.35
Natural Sciences Managers	\$34.38	<b>38.02</b>	40.75	Library Assistants, Clerical	\$8.72	<b>10.62</b>	9.63
Postmasters and Mail Superintendents	\$23.52	<b>24.15</b>	24.05	Loan Interviewers and Clerks	\$12.90	<b>13.77</b>	13.79
Property, Real Estate, and Community Association Managers	\$15.02	<b>20.15</b>	18.27	Mail Clerks and Mail Machine Operators, Except Postal Service	\$9.10	<b>11.35</b>	10.50
Public Relations Managers	\$27.55	<b>34.22</b>	30.04	Medical Secretaries	\$12.00	<b>13.57</b>	12.60
Purchasing Managers	\$30.85	<b>35.30</b>	29.67	Meter Readers, Utilities	\$20.27	<b>19.89</b>	14.28
Sales Managers	\$38.89	<b>44.29</b>	37.18	New Accounts Clerks	\$14.18	<b>13.09</b>	12.48
Social and Community Service Managers	\$23.98	<b>23.52</b>	21.34	Office Clerks, General	\$11.00	<b>12.02</b>	11.04
Transportation, Storage, and Distribution Managers	\$31.45	<b>31.92</b>	29.55	Office Machine Operators, Except Computer	\$10.97	<b>11.48</b>	10.79
<b>Office &amp; Administrative Support</b>				Order Clerks	\$7.57	<b>13.25</b>	12.29
All Other Financial, Information, and Record Clerks	\$12.36	<b>13.67</b>	- - -	Payroll and Timekeeping Clerks	\$13.78	<b>15.56</b>	14.36
All Other Material Recording, Scheduling, Dispatching, and Distributing Workers	\$14.74	<b>13.29</b>	- - -	Police, Fire, and Ambulance Dispatchers	\$19.12	<b>16.97</b>	13.71
All Other Secretaries, Administrative Assistants, and Other Office Support Workers	\$8.23	<b>12.50</b>	- - -	Postal Service Clerks	\$19.81	<b>19.73</b>	19.66
Bill and Account Collectors	\$11.93	<b>14.22</b>	13.27	Postal Service Mail Carriers	\$19.50	<b>19.46</b>	19.58
Billing and Posting Clerks and Machine Operators	\$12.03	<b>13.80</b>	12.93	Postal Service Mail Sorters, Processors, and Processing Machine Operators	\$18.32	<b>18.96</b>	18.90
Bookkeeping, Accounting, and Auditing Clerks	\$12.78	<b>14.53</b>	13.56	Procurement Clerks	\$11.06	<b>13.81</b>	14.66
Brokerage Clerks	\$12.63	<b>14.84</b>	16.46	Production, Planning, and Expediting Clerks	\$15.48	<b>17.87</b>	16.67
Cargo and Freight Agents	\$17.52	<b>16.65</b>	15.56	Proofreaders and Copy Markers	\$13.55	<b>12.34</b>	12.04
Communications Equipment Operators, All Other	\$13.81	- - -	- - -	Receptionists and Information Clerks	\$9.63	<b>11.39</b>	10.48
Computer Operators	\$12.25	<b>15.45</b>	14.69	Secretaries, Except Legal, Medical, and Executive	\$14.28	<b>14.94</b>	12.53
Couriers and Messengers	\$8.59	- - -	9.60	Shipping, Receiving, and Traffic Clerks	\$10.43	<b>12.94</b>	11.60
Credit Authorizers, Checkers, and Clerks	\$10.14	<b>15.37</b>	13.22	Stock Clerks and Order Fillers	\$8.60	<b>10.00</b>	9.54
Customer Service Representatives	\$10.79	<b>14.02</b>	13.00	Switchboard Operators, Including Answering Service	\$10.57	<b>11.44</b>	10.50
Data Entry Keyers	\$11.30	<b>11.68</b>	11.10	Tellers	\$8.95	<b>10.15</b>	10.11
Desktop Publishers	\$11.62	<b>16.87</b>	15.66	Weighers, Measurers, Checkers, and Samplers, Recordkeeping	\$8.35	<b>11.53</b>	11.97

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
Word Processors and Typists	\$13.31	<b>12.96</b>	13.24	Drilling and Boring Machine Tool Setters, Operators, and Tenders, Metal and Plastic	\$14.82	<b>15.03</b>	13.63
<b>Personal Care &amp; Service</b>				Electromechanical Equipment Assemblers	\$10.70	<b>13.94</b>	12.52
Amusement and Recreation Attendants	\$6.87	<b>7.81</b>	7.40	Extruding and Drawing Machine Setters, Operators, and Tenders, Metal and Plastic	\$12.67	<b>13.76</b>	12.82
Baggage Porters and Bellhops	\$7.81	<b>8.47</b>	8.84	Extruding, Forming, Pressing, and Compacting Machine Setters, Operators, and Tenders	\$18.96	<b>12.78</b>	13.15
Entertainment Attendants and Related Workers, All Other	\$8.26	<b>9.02</b>	- - -	First-Line Supervisors/Managers of Production and Operating Workers	\$22.81	<b>21.40</b>	21.27
First-Line Supervisors/Managers of Personal Service Workers	\$12.58	<b>14.52</b>	14.34	Food Cooking Machine Operators and Tenders	\$8.50	<b>12.41</b>	10.83
Fitness Trainers and Aerobics Instructors	\$11.09	<b>10.80</b>	11.86	Furnace, Kiln, Oven, Drier, and Kettle Operators and Tenders	\$21.29	<b>19.75</b>	13.97
Gaming and Sports Book Writers and Runners	\$6.57	<b>8.30</b>	9.24	Grinding, Lapping, Polishing, & Buffing Machine Tool Setters, Operators, & Tenders, Metal & Plastic	\$12.60	<b>14.14</b>	12.94
Gaming Dealers	\$6.81	<b>12.23</b>	6.99	Helpers--Production Workers	\$8.90	<b>10.75</b>	9.53
Gaming Supervisors	\$11.31	<b>12.58</b>	19.47	Inspectors, Testers, Sorters, Samplers, and Weighers	\$16.32	<b>14.94</b>	13.41
Gaming Workers, All Other	\$8.29	<b>9.13</b>	- - -	Laundry and Dry-Cleaning Workers	\$10.62	<b>9.73</b>	8.32
Hairdressers, Hairstylists, and Cosmetologists	\$9.93	<b>10.82</b>	9.40	Machinists	\$17.67	<b>17.51</b>	16.14
Nonfarm Animal Caretakers	\$11.45	<b>8.62</b>	8.46	Meat, Poultry, and Fish Cutters and Trimmers	\$11.86	<b>9.04</b>	8.83
Personal and Home Care Aides	\$9.04	<b>9.79</b>	8.05	Metal Workers and Plastic Workers, All Other	\$18.49	<b>13.43</b>	- - -
Personal Care and Service Workers, All Other	\$6.62	<b>8.76</b>	- - -	Mixing and Blending Machine Setters, Operators, and Tenders	\$19.17	<b>15.77</b>	13.63
Recreation Workers	\$8.70	<b>9.91</b>	8.95	Molders, Shapers, and Casters, Except Metal and Plastic	\$14.56	<b>14.84</b>	12.23
Tour Guides and Escorts	\$9.92	<b>9.70</b>	9.17	Molding, Coremaking, and Casting Machine Setters, Operators, and Tenders, Metal and Plastic	\$13.06	<b>13.55</b>	11.51
Ushers, Lobby Attendants, and Ticket Takers	\$6.74	<b>6.71</b>	7.23	Ophthalmic Laboratory Technicians	\$10.60	<b>10.83</b>	10.78
<b>Production</b>				Packaging and Filling Machine Operators and Tenders	\$10.22	<b>11.96</b>	10.51
Assemblers and Fabricators, All Other	\$9.32	<b>12.28</b>	- - -	Painters, Transportation Equipment	\$14.31	<b>14.44</b>	16.62
Bakers	\$9.19	<b>10.59</b>	10.19	Photographic Process Workers	\$8.02	- - -	10.02
Butchers and Meat Cutters	\$17.00	<b>14.38</b>	12.63	Plant and System Operators, All Other	\$11.12	<b>19.04</b>	- - -
Cabinetmakers and Bench Carpenters	\$13.07	<b>14.27</b>	11.89	Plating and Coating Machine Setters, Operators, and Tenders, Metal and Plastic	\$15.28	<b>14.52</b>	12.59
Coating, Painting, and Spraying Machine Setters, Operators, and Tenders	\$13.66	<b>15.02</b>	12.53	Pourers and Casters, Metal	\$12.36	<b>15.01</b>	13.81
Computer-Controlled Machine Tool Operators, Metal and Plastic	\$17.13	<b>16.54</b>	14.40	Prepress Technicians and Workers	\$14.74	<b>17.39</b>	15.44
Crushing, Grinding, and Polishing Machine Setters, Operators, and Tenders	\$21.08	<b>14.83</b>	13.22	Printing Machine Operators	\$14.87	<b>17.07</b>	14.38
Cutting and Slicing Machine Setters, Operators, and Tenders	\$19.02	<b>14.02</b>	12.73	Production Workers, All Other	\$15.88	<b>13.52</b>	- - -
Cutting, Punching, and Press Machine Setters, Operators, and Tenders, Metal and Plastic	\$13.22	<b>12.61</b>	12.17	Sawing Machine Setters, Operators, and Tenders, Wood	\$11.49	<b>12.37</b>	10.94
Dental Laboratory Technicians	\$13.97	<b>15.44</b>	14.12	Sewing Machine Operators	\$9.09	<b>10.51</b>	8.65

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
Stationary Engineers and Boiler Operators	\$19.88	<b>20.71</b>	21.42	Parts Salespersons	\$11.27	<b>13.66</b>	11.86
Structural Metal Fabricators and Fitters	\$14.18	<b>15.40</b>	14.18	Real Estate Sales Agents	\$21.01	<b>35.88</b>	15.32
Team Assemblers	\$10.65	<b>12.40</b>	11.23	Retail Salespersons	\$7.82	<b>9.00</b>	8.77
Tool and Die Makers	\$14.29	<b>22.58</b>	21.17	Sales and Related Workers, All Other	\$13.47	<b>18.47</b>	---
Tool Grinders, Filers, and Sharpeners	\$15.05	<b>15.30</b>	14.57	Sales Engineers	\$25.93	<b>35.82</b>	31.54
Water and Liquid Waste Treatment Plant and System Operators	\$19.15	<b>19.12</b>	16.54	Sales Representatives, Services, All Other	\$21.75	<b>23.81</b>	---
Welders, Cutters, Solderers, and Brazers	\$14.27	<b>15.74</b>	14.45	Sales Representatives, Wholesale and Manufacturing, Except Technical and Scientific Products	\$18.76	<b>25.06</b>	21.17
Woodworkers, All Other	\$14.86	<b>11.85</b>	---	Sales Representatives, Wholesale and Manufacturing, Technical and Scientific Products	\$21.52	<b>31.03</b>	27.62
Woodworking Machine Setters, Operators, and Tenders, Except Sawing	\$16.02	<b>13.02</b>	10.91	Securities, Commodities, and Financial Services Sales Agents	\$34.92	---	30.21
				Travel Agents	\$8.74	<b>12.58</b>	13.19
<b>Protective Service</b>				<b>Transportation &amp; Material Moving</b>			
Animal Control Workers	\$15.78	<b>15.64</b>	12.27	Aircraft Cargo Handling Supervisors	\$19.76	<b>19.47</b>	18.45
Correctional Officers and Jailers	\$17.60	<b>17.74</b>	16.19	Airline Pilots, Copilots, and Flight Engineers	\$70,448	<b>72,531</b>	112,920
Crossing Guards	\$8.72	<b>8.83</b>	9.25	Bus Drivers, School	\$10.55	<b>12.77</b>	11.10
Fire Fighters	\$16.53	<b>12.23</b>	17.95	Bus Drivers, Transit and Intercity	\$11.22	<b>16.38</b>	14.65
First-Line Supervisors/Managers of Correctional Officers	\$22.32	<b>25.65</b>	22.26	Captains, Mates, and Pilots of Water Vessels	\$22.89	<b>23.12</b>	24.70
First-Line Supervisors/Managers of Fire Fighting and Prevention Workers	\$26.26	<b>27.45</b>	27.47	Cleaners of Vehicles and Equipment	\$7.63	<b>9.02</b>	8.45
First-Line Supervisors/Managers of Police and Detectives	\$27.23	<b>29.60</b>	30.22	Commercial Pilots	\$51,121	<b>50,094</b>	49,432
First-Line Supervisors/Managers of Protective Service Workers, Except Police, Fire and Corrections	\$14.62	<b>15.10</b>	---	Conveyor Operators and Tenders	\$16.45	<b>12.05</b>	12.02
Parking Enforcement Workers	\$10.97	<b>13.97</b>	13.93	Crane and Tower Operators	\$20.29	<b>17.37</b>	18.00
Police and Sheriff's Patrol Officers	\$20.67	<b>21.93</b>	20.94	Driver/Sales Workers	\$8.05	<b>13.78</b>	10.22
Private Detectives and Investigators	\$13.09	<b>13.04</b>	14.52	Excavating and Loading Machine and Dragline Operators	\$20.14	<b>19.25</b>	16.05
Protective Service Workers, All Other	\$11.64	<b>11.30</b>	---	First-Line Supervisors/Managers of Helpers, Laborers, and Material Movers, Hand	\$19.28	<b>18.90</b>	18.41
Security Guards	\$9.55	<b>10.54</b>	9.48	First-Line Supervisors/Managers of Transportation and Material-Moving Machine and Vehicle Operators	\$18.97	<b>20.07</b>	21.26
				Industrial Truck and Tractor Operators	\$14.64	<b>14.46</b>	12.92
<b>Sales &amp; Related</b>				Laborers and Freight, Stock, and Material Movers, Hand	\$9.58	<b>11.34</b>	9.77
Advertising Sales Agents	\$12.85	<b>16.72</b>	18.66	Machine Feeders and Offbearers	\$15.03	<b>12.29</b>	10.82
Cashiers	\$7.21	<b>8.06</b>	7.64	Material Moving Workers, All Other	\$14.12	<b>13.11</b>	---
Counter and Rental Clerks	\$7.41	<b>8.14</b>	8.56	Motor Vehicle Operators, All Other	\$13.24	<b>9.02</b>	---
First-Line Supervisors/Managers of Non-Retail Sales Workers	\$22.85	<b>32.33</b>	26.27	Packers and Packagers, Hand	\$7.08	<b>9.22</b>	8.27
First-Line Supervisors/Managers of Retail Sales Workers	\$12.99	<b>15.01</b>	14.72				
Insurance Sales Agents	\$20.83	<b>22.37</b>	20.19				

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
Parking Lot Attendants	\$8.99	<b>9.12</b>	8.08				
Rail Transportation Workers, All Other	\$21.54	<b>21.54</b>	- - -				
Refuse and Recyclable Material Collectors	\$13.94	<b>15.72</b>	11.95				
Sailors and Marine Oilers	\$18.07	<b>14.22</b>	14.06				
Service Station Attendants	\$8.48	<b>8.94</b>	8.21				
Taxi Drivers and Chauffeurs	\$10.16	<b>9.64</b>	9.18				
Transportation Workers, All Other	\$10.36	<b>10.20</b>	- - -				
Truck Drivers, Heavy and Tractor-Trailer	\$16.91	<b>17.85</b>	16.46				
Truck Drivers, Light or Delivery Services	\$9.07	<b>12.56</b>	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 Northeast 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 Northeast Planning Region include Aitkin, Carlton, Cook, Itasca, Lake, Koochiching, and St. Louis. 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:

Northeast Regional Analyst: 218.723.4775  
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  
DEVELOPMENT

LABOR MARKET INFORMATION OFFICE

390 NORTH ROBERT STREET  
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