

Chicago-Gary-Kenosha, IL-IN-WI National Compensation Survey October 1998



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Preface

Data shown in this bulletin were collected as part of the Bureau of Labor Statistics' (BLS) National Compensation Survey (NCS). The survey could not have been conducted without the cooperation of the many private firms and government jurisdictions that provided pay data included in this bulletin. The Bureau thanks these respondents for their cooperation.

Field economists of the Bureau of Labor Statistics collected and reviewed the survey data. The Office of Compensation and Working Conditions, in cooperation with the Office of Field Operations and the Office of Technology and Survey Processing in the BLS National Office, designed the survey, processed the data, and prepared the survey for publication.

For additional information regarding this survey, please contact any BLS regional office at the address and telephone number listed on the inside back cover of this bulletin. You may also write to the Bureau of Labor Statistics at: Division of Compensation Data Analysis and Planning,

2 Massachusetts Avenue, NE, Room 4175, Washington, DC 20212-0001, or call (202) 606-6199, or send e-mail to ocltinfo@bls.gov.

The data contained in this bulletin are also available at <http://stats.bls.gov/comhome.htm>, the BLS Internet site. Data are in three formats: An ASCII file containing the published table formats; an ASCII file containing positional columns of data for manipulation as a data base or spreadsheet; and a Portable Document Format (PDF) file containing the entire bulletin.

Results of earlier surveys of this area are also available from BLS regional offices, the Division of Compensation Data Analysis, or at the BLS Internet site.

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Introduction

The tables in this bulletin summarize the NCS survey results for the Chicago-Gary-Kenosha, IL-IN-WI metropolitan area. Tabulations provide information on earnings of workers in a variety of occupations and at a wide range of work levels. Also contained in this bulletin are information on the program, a technical note describing survey procedures, and several appendixes with detailed information on occupational classifications and the generic leveling methodology.

NCS products

The National Compensation Survey of the Bureau of Labor Statistics provides data on the occupational wages and employee benefits for localities, broad geographic regions, and the Nation as a whole. The Employment Cost Index, a quarterly measure of the change in employer costs for wages and benefits, will be derived from the NCS. Another product, Employer Costs for Employee Compensation, measures employers' average hourly costs for total compensation, that is, wages and benefits. Still another NCS product measures the incidence of benefit plans and their provisions. This bulletin is limited to data on occupational wages and salaries.

About the tables

The tables that follow present data on straight-time occupational earnings. Straight-time earnings include wages and salaries, incentive pay, cost-of-living adjustments, and hazard pay. These earnings exclude premium pay for overtime, vacations, holidays, nonproduction bonuses, and tips. A total of 480 detailed occupations are used to describe all occupations in the civilian nonfarm economy (excluding the Federal Government and private households).

Table A-1 presents straight-time earnings for detailed occupations. Data are not shown for any occupations if they would raise concerns about the confidentiality of the survey respondent or if the data are insufficient to support reliable estimates. The earnings shown include the mean for each occupation, as well as earnings for selected percentiles in each occupation.

Table A-2 compares the type of data and details shown in table A-1 for the private industry and State and local government sector.

Table A-3 compares the type of data and details shown in table A-1 for full-time and part-time workers. The definitions of full-time and part-time workers are those used in the surveyed establishments.

Table A-4 presents the weekly and annual straight-time earnings for full-time employees in specific occupations across all industries. For the weekly and annual earnings, the mean and median earnings and the mean hours are shown. The mean hours reflect hours employees are scheduled to work, excluding overtime hours.

Table B-1 presents mean straight-time hourly earnings for groups of occupations and for levels of job requirements related to occupations in the group. Separate data are also shown for private industry and government workers, and for full-time and part-time workers in all industries. (See appendix C, Generic Leveling Criteria, for more information on job ranking in this survey. Average work levels for published occupation groups and their component occupations are presented in appendix table 3.)

Table B-2 also presents mean straight-time hourly earnings, but for detailed occupations at several levels of job requirements for each detailed occupation.

Table C-1 presents mean straight-time hourly earnings for occupation groups and selected occupation characteristics. The occupation characteristics include full-time and part-time status, union and nonunion status, and time or incentive pay status. Union workers' wages are determined through collective bargaining. Time workers' wages are based solely on hourly rate or salary. Incentive workers' wages are at least partially based on productivity payments such as piece rates, commissions and production bonuses.

Table C-2 presents mean straight-time hourly earnings for occupation groups and industry division of employers; these are limited to the private sector.

Table C-3 presents mean straight-time hourly earnings for occupation groups and the employment size of employers; these are also limited to the private sector.

Table C-4 presents the employment scope of this survey. The occupation employment estimates shown relate to all employers in the area surveyed, not just the surveyed employers.

Table A-1. Hourly earnings¹ for selected occupations, all workers², all industries, Chicago-Gary-Kenosha, IL-IN-WI, October 1998

Occupation ³	All industries					
	Mean	Percentiles				
		10	25	Median 50	75	90
All occupations	\$17.47	\$6.55	\$9.37	\$14.62	\$21.15	\$29.71
All occupations excluding sales	17.19	6.63	9.49	14.64	21.11	29.25
White-collar occupations	21.74	9.38	12.51	17.70	25.80	36.88
White-collar occupations excluding sales	21.64	10.00	12.97	17.91	25.82	36.79
Professional specialty and technical occupations	25.16	13.35	16.94	21.49	29.07	39.52
Professional specialty occupations	26.05	14.07	18.10	23.43	31.01	41.38
Engineers, architects, and surveyors	30.98	22.13	25.74	29.91	34.87	40.39
Electrical and electronic engineers	32.26	22.58	25.55	29.88	34.28	44.03
Industrial engineers	26.92	18.17	24.21	25.61	28.48	33.28
Mechanical engineers	26.70	19.89	21.11	25.82	30.05	34.17
Engineers, N.E.C.	31.63	25.53	27.20	31.21	36.06	38.99
Mathematical and computer scientists	27.26	18.11	22.10	26.44	31.74	39.13
Computer systems analysts and scientists	27.65	17.94	23.51	26.54	32.45	39.90
Operations and systems researchers and analysts	23.65	18.10	19.88	22.85	26.78	31.43
Natural scientists	-	-	-	-	-	-
Health related occupations	22.51	15.91	18.18	20.77	23.75	28.49
Physicians	40.28	11.74	12.93	16.55	65.46	73.51
Registered nurses	21.12	16.00	18.24	20.55	23.12	27.10
Pharmacists	27.42	24.96	25.71	27.10	28.49	30.77
Respiratory therapists	17.58	15.37	16.58	17.37	19.61	20.99
Occupational therapists	25.92	19.71	21.15	26.03	30.00	31.28
Physical therapists	25.24	20.32	22.18	27.42	27.69	27.69
Speech therapists	29.71	15.79	20.32	24.94	37.40	49.70
Teachers, college and university	35.01	16.83	21.92	30.14	41.56	56.28
Teachers, post secondary N.E.C.	38.80	16.02	20.30	29.84	50.34	73.33
Teachers, except college and university	30.24	13.80	19.95	28.53	40.20	47.31
Elementary school teachers	32.05	15.37	24.43	30.55	40.91	47.66
Secondary school teachers	38.48	23.01	28.20	38.07	45.94	56.37
Teachers, special education	27.62	15.31	16.83	26.91	35.22	37.14
Teachers, N.E.C.	21.55	12.27	16.41	19.95	22.88	37.62
Vocational and educational counselors	19.13	11.51	12.65	19.23	21.02	30.53
Librarians, archivists, and curators	18.66	13.08	15.89	17.48	20.77	27.12
Librarians	18.98	13.08	14.39	18.44	21.47	27.12
Social scientists and urban planners	25.18	12.02	14.42	22.15	34.08	46.06
Psychologists	25.08	11.06	14.42	20.77	35.81	47.95
Social, recreation, and religious workers	15.27	11.11	12.82	14.29	17.81	20.58
Social workers	15.25	11.37	12.82	14.22	17.63	20.29
Lawyers and judges	35.78	19.04	22.77	30.90	40.04	48.08
Lawyers	35.73	18.93	22.77	30.90	38.58	48.08
Writers, authors, entertainers, athletes, and professionals, N.E.C.	20.23	12.71	15.59	18.57	22.44	30.12
Designers	17.39	12.71	14.77	18.10	18.64	20.24
Editors and reporters	19.40	15.58	17.31	19.12	19.98	24.53
Public relations specialists	23.21	11.05	11.05	17.00	36.78	42.00
Professional occupations, N.E.C.	22.67	16.97	18.22	21.15	25.64	30.12
Technical occupations	22.19	12.13	14.83	18.30	21.63	27.34
Clinical laboratory technologists and technicians	17.69	12.18	14.50	17.05	20.85	24.44
Radiological technicians	18.31	13.35	15.76	18.65	19.93	22.29
Licensed practical nurses	13.35	11.26	12.30	13.39	14.29	15.58
Health technologists and technicians, N.E.C.	13.24	9.64	10.15	13.04	15.05	18.60
Electrical and electronic technicians	18.42	15.68	16.93	18.31	19.88	20.42
Engineering technicians, N.E.C.	22.73	16.94	18.41	22.81	26.23	28.67
Drafters	18.60	14.85	15.58	18.60	20.25	23.28
Airplane pilots and navigators	92.64	13.59	15.76	91.70	161.37	191.88
Computer programmers	22.05	17.05	18.40	20.82	24.55	29.81
Legal assistants	19.06	13.42	16.15	17.58	20.36	27.65
Technical and related occupations, N.E.C.	19.95	12.25	14.87	19.51	22.07	28.12
Executive, administrative, and managerial occupations	28.97	14.93	17.76	24.64	34.59	47.15
Executives, administrators, and managers	34.85	17.23	22.55	31.84	40.14	60.00
Administrators and officials, public administration	30.73	24.90	27.10	28.61	32.37	39.41
Financial managers	29.58	17.23	20.47	27.56	36.00	43.95
Personnel and labor relations managers	33.97	19.23	27.84	32.12	34.62	41.83

See footnotes at end of table.

Table A-1. Hourly earnings¹ for selected occupations, all workers², all industries, Chicago-Gary-Kenosha, IL-IN-WI, October 1998 — Continued

Occupation ³	All industries					
	Mean	Percentiles				
		10	25	Median 50	75	90
White-collar occupations (-Continued)						
Executive, administrative, and managerial occupations (-Continued)						
Executives, administrators, and managers (-Continued)						
Managers, marketing, advertising and public relations	\$38.69	\$19.23	\$25.59	\$38.65	\$48.48	\$57.21
Administrators, education and related fields	32.73	13.76	25.87	36.23	38.52	47.15
Managers, medicine and health	28.66	16.42	18.38	26.44	32.02	38.12
Managers, service organizations, N.E.C.	24.81	9.61	10.33	23.50	39.04	43.32
Managers and administrators, N.E.C.	39.55	18.94	24.00	34.19	44.51	60.00
Management related occupations	21.98	13.61	16.07	19.55	25.03	31.40
Accountants and auditors	20.42	15.14	16.83	19.38	24.21	27.25
Other financial officers	27.96	14.59	17.46	21.43	28.85	55.73
Management analysts	27.04	17.49	20.88	26.19	32.33	33.67
Personnel, training, and labor relations specialists	22.48	15.93	17.21	21.15	24.50	31.42
Purchasing agents and buyers, N.E.C.	23.16	15.50	16.00	23.87	25.31	37.25
Management related occupations, N.E.C.	19.82	13.36	14.93	17.76	21.99	28.85
Sales occupations	22.57	6.00	7.75	14.25	25.74	38.46
Supervisors, sales occupations	38.60	8.92	15.35	19.35	31.13	46.61
Securities and financial services sales occupations	61.48	26.85	28.85	44.71	63.94	172.62
Advertising and related sales occupations	18.35	11.93	13.37	16.11	21.98	27.12
Sales occupations, other business services	30.50	13.16	17.40	23.81	35.09	52.40
Sales representatives, mining, manufacturing, and wholesale	32.91	17.02	18.74	27.22	31.32	57.09
Sales workers, motor vehicles and boats	21.10	9.64	12.67	19.28	26.08	34.78
Sales workers, other commodities	9.08	5.80	6.27	8.00	10.20	15.03
Cashiers	7.80	5.37	5.79	6.69	8.75	12.81
Administrative support occupations, including clerical	13.23	8.08	10.00	12.32	15.64	19.01
Supervisors, general office	18.20	14.42	14.42	18.77	20.96	24.39
Supervisors, financial records processing	16.62	10.94	16.80	16.80	17.80	21.45
Supervisors, distribution, scheduling, and adjusting clerks	19.28	13.74	17.79	18.67	25.35	25.35
Computer operators	16.30	11.65	13.69	16.54	19.10	21.00
Secretaries	14.34	10.00	11.96	14.05	16.20	19.67
Typists	13.37	9.35	10.19	12.26	14.83	21.11
Transportation ticket and reservation agents	11.08	7.28	7.75	9.59	14.29	18.06
Receptionists	10.76	7.00	9.00	10.50	12.76	14.58
Information clerks, N.E.C.	12.33	8.37	10.97	11.91	13.97	15.91
Order clerks	12.79	9.71	11.00	12.03	13.46	17.37
Personnel clerks except payroll and timekeeping	14.12	8.71	12.13	12.13	18.19	18.87
Library clerks	10.80	6.63	8.55	10.57	13.08	14.61
Records clerks, N.E.C.	13.05	9.00	9.70	11.81	14.92	19.35
Bookkeepers, accounting and auditing clerks	12.00	7.80	10.00	11.54	13.93	16.54
Payroll and timekeeping clerks	15.15	8.65	10.41	14.93	18.09	20.68
Billing clerks	12.65	9.00	10.24	12.82	14.90	16.70
Telephone operators	8.92	7.17	8.16	9.00	10.03	10.71
Mail clerks except postal service	10.82	7.26	8.64	9.98	11.26	16.48
Dispatchers	13.88	10.56	11.30	14.61	15.94	16.18
Traffic, shipping and receiving clerks	15.01	9.27	14.12	16.02	17.00	18.09
Stock and inventory clerks	12.31	7.50	9.65	11.99	16.00	17.40
Insurance adjusters, examiners, and investigators	22.74	9.93	12.33	15.54	20.80	52.54
Investigators and adjusters except insurance	17.58	12.82	14.40	15.70	22.00	22.00
Bill and account collectors	12.09	8.08	10.33	12.58	13.57	15.00
General office clerks	12.30	8.06	9.57	11.54	13.93	17.88
Bank tellers	8.78	6.96	7.39	8.28	9.50	12.15
Data entry keyers	10.02	6.00	6.75	9.19	12.20	15.38
Teachers' aides	11.03	6.65	8.29	10.03	14.46	15.97
Administrative support occupations, N.E.C.	14.67	9.00	10.70	13.85	16.83	18.97
Blue-collar occupations	14.29	6.00	8.38	13.42	19.11	23.80
Precision production, craft, and repair occupations	20.13	10.70	15.31	20.25	25.90	28.65

See footnotes at end of table.

Table A-1. Hourly earnings¹ for selected occupations, all workers², all industries, Chicago-Gary-Kenosha, IL-IN-WI, October 1998 — Continued

Occupation ³	All industries					
	Mean	Percentiles				
		10	25	Median 50	75	90
Blue-collar occupations (-Continued)						
Precision production, craft, and repair occupations (-Continued)						
Supervisors, mechanics and repairers	\$24.54	\$20.18	\$20.40	\$23.10	\$29.15	\$31.83
Automobile mechanics	21.11	10.50	13.05	19.78	25.29	39.45
Bus, truck, and stationary engine mechanics	17.90	10.32	12.50	19.84	20.94	22.28
Heavy equipment mechanics	19.63	14.76	17.50	18.78	21.96	22.70
Industrial machinery repairers	17.42	11.60	15.14	17.70	19.92	22.88
Electronic repairers, communications and industrial equipment	16.97	13.69	13.77	16.18	18.88	22.14
Heating, air conditioning, and refrigeration mechanics	16.32	11.17	11.81	17.18	19.53	20.56
Millwrights	17.76	11.73	14.21	19.44	20.73	24.10
Mechanics and repairers, N.E.C.	15.79	8.00	8.40	18.05	19.72	19.84
Supervisors, construction trades, N.E.C.	27.40	25.81	26.96	27.35	27.35	29.98
Carpenters	24.82	22.71	22.71	24.05	26.95	27.45
Electricians	25.56	15.11	24.86	28.65	28.65	29.71
Plumbers, pipefitters and steamfitters	24.19	17.30	21.36	21.60	29.54	30.70
Supervisors, production occupations	21.29	13.03	16.86	20.90	25.24	29.97
Tool and die makers	23.00	18.40	20.32	24.14	26.04	26.04
Machinists	20.13	12.70	17.40	19.72	22.24	26.53
Electrical and electronic equipment assemblers ..	14.18	9.77	10.81	11.94	17.91	22.97
Inspectors, testers, and graders	17.16	13.16	14.53	17.06	20.00	23.12
Stationary engineers	25.63	21.75	24.48	26.99	26.99	26.99
Machine operators, assemblers, and inspectors	11.93	5.94	7.41	10.75	15.65	20.27
Punching and stamping press operators	13.73	9.30	9.79	12.22	17.61	18.96
Grinding, abrading, buffing, and polishing machine operators	12.51	6.99	11.01	12.69	13.65	16.73
Fabricating machine operators, N.E.C.	13.85	9.05	10.68	14.30	16.53	18.12
Molding and casting machine operators	10.40	5.85	7.42	9.00	12.25	15.95
Packaging and filling machine operators	12.61	9.29	11.44	11.85	14.37	15.32
Mixing and blending machine operators	16.52	12.20	14.30	16.39	20.07	20.07
Slicing and cutting machine operators	14.00	8.77	11.50	11.87	18.38	21.26
Miscellaneous machine operators, N.E.C.	12.73	6.71	7.61	12.20	17.69	21.06
Welders and cutters	17.07	9.91	15.05	17.83	21.12	21.12
Assemblers	8.62	5.33	5.84	6.98	9.38	15.13
Production inspectors, checkers and examiners ..	11.89	8.45	9.10	10.66	13.89	17.30
Transportation and material moving occupations	15.00	7.50	10.61	14.45	19.02	21.65
Truck drivers	17.39	10.79	16.35	17.34	20.73	22.74
Bus drivers	13.33	7.63	10.01	13.72	15.35	19.19
Supervisors, material moving equipment	14.59	13.00	13.70	13.75	15.61	15.61
Operating engineers	22.93	18.90	18.90	23.12	26.95	26.95
Crane and tower operators	14.20	10.25	11.65	12.87	14.69	20.28
Industrial truck and tractor equipment operators ..	12.12	7.42	8.75	11.98	14.43	16.95
Miscellaneous material moving equipment operators, N.E.C.	13.42	5.83	7.69	11.92	18.67	19.02
Handlers, equipment cleaners, helpers, and laborers	10.97	5.21	6.51	9.63	14.29	18.82
Groundskeepers and gardeners except farm	10.46	6.00	6.90	10.15	14.33	15.30
Supervisors, handlers, equipment cleaners, and laborers, N.E.C.	17.54	11.32	17.55	17.55	20.70	22.40
Construction laborers	17.77	9.67	13.23	20.82	21.23	23.35
Production helpers	7.70	(4)	(4)	(4)	(4)	(4)
Stock handlers and baggers	9.21	5.43	6.34	8.24	10.80	14.28
Machine feeders and offbearers	12.60	6.87	7.68	11.89	17.24	17.29
Freight, stock, and material handlers, N.E.C.	14.61	8.00	9.66	14.70	18.40	20.52
Vehicle washers and equipment cleaners	8.98	6.50	7.87	8.00	10.90	11.80
Hand packers and packagers	9.02	5.75	6.00	8.49	11.02	13.96
Laborers except construction, N.E.C.	10.47	5.15	5.15	8.70	14.74	19.97
Service occupations	10.75	5.25	6.50	8.40	12.40	21.18
Protective service occupations	17.26	6.50	8.99	18.61	23.55	26.12
Supervisors, guards	9.06	6.17	6.17	6.17	11.15	16.17
Firefighting occupations	20.43	12.87	18.13	21.01	24.35	25.20
Police and detectives, public service	23.09	18.69	21.35	23.53	25.42	27.05
Guards and police except public service	9.05	6.00	6.92	7.96	10.50	14.76

See footnotes at end of table.

Table A-1. Hourly earnings¹ for selected occupations, all workers², all industries, Chicago-Gary-Kenosha, IL-IN-WI, October 1998 — Continued

Occupation ³	All industries					
	Mean	Percentiles				
		10	25	Median 50	75	90
Service occupations (-Continued)						
Protective service occupations (-Continued)						
Protective service occupations, N.E.C.	\$11.49	\$5.57	\$6.00	\$8.25	\$18.60	\$22.24
Food service occupations	7.49	4.10	5.40	7.00	9.59	11.96
Supervisors, food preparation and service occupations	11.75	7.75	9.97	11.41	12.70	14.78
Bartenders	8.98	5.50	6.00	7.51	11.48	15.40
Waiters and waitresses	4.75	2.69	3.05	4.69	5.15	7.46
Cooks	9.37	5.75	6.77	9.50	11.96	11.96
Food counter, fountain, and related occupations	5.93	2.13	5.55	6.15	6.66	7.80
Kitchen workers, food preparation	7.55	5.40	6.29	7.85	8.55	10.10
Waiters/Waitresses' assistants	4.46	3.25	3.25	4.99	5.25	5.87
Food preparation occupations, N.E.C.	7.54	5.18	5.90	7.74	8.54	10.69
Health service occupations	9.28	6.53	7.16	8.90	10.84	13.57
Health aides, except nursing	10.15	6.53	8.27	9.78	12.49	14.13
Nursing aides, orderlies and attendants	8.95	6.50	7.05	8.39	10.10	12.96
Cleaning and building service occupations	9.79	6.06	7.25	9.01	12.26	14.57
Supervisors, cleaning and building service workers	11.54	8.00	8.50	11.15	14.21	14.57
Maids and housemen	7.80	5.97	7.57	7.73	7.89	9.13
Janitors and cleaners	9.94	6.00	6.82	9.30	12.73	14.73
Personal service occupations	10.60	5.37	6.33	7.58	9.88	16.36
Attendants, amusement and recreation facilities ..	6.67	5.24	5.70	6.11	7.90	8.01
Welfare service aides	7.46	5.15	6.12	6.75	8.25	9.35
Early childhood teachers' assistants	7.40	5.15	5.75	7.00	8.30	10.00
Child care workers, N.E.C.	10.10	7.13	8.89	10.16	11.65	12.64
Service occupations, N.E.C.	8.86	6.00	6.50	8.20	10.17	13.04

¹ Earnings are the straight-time hourly wages or salaries paid to employees. They include incentive pay, cost-of-living adjustments, and hazard pay. Excluded are premium pay for overtime, vacations, holidays, nonproduction bonuses, and tips. The mean is computed by totaling the pay of all workers and dividing by the number of workers, weighted by hours. The 10th, 25th, 50th, 75th and 90th percentiles designate position in the earnings distribution. At the 50th percentile, the median, half of the workers receive the same as or more than the rate shown, and half receive the same as or less than the rate shown. At the 25th percentile, one-fourth of the workers earn the same as or less than the rate shown. At the 75th percentile, one-fourth earn the same as or more than the rate shown. The 10th and 90th percentiles follow the same logic.

² All workers include full-time and part-time workers. Employees are classified as working either a full-time or a part-time schedule based on the definition used by each establishment. Therefore, a worker with a 35-hour-per-week schedule might be considered a full-time employee in one establishment, but classified as part-time in another firm, where a 40-hour week is the minimum full-time schedule.

³ A classification system including about 480 individual occupations is used to cover all workers in the civilian economy. Individual occupations are classified into one of nine major

occupational groups.

⁴ The positional statistics for this occupation were suppressed because some were below the minimum wage. In this update survey, an average decrease in mean wages for this occupation was applied to the positional statistics, causing the 10th percentile to go below the minimum wage.

NOTE: Dashes indicate that no data were reported or that data did not meet publication criteria. Overall occupational groups and occupational levels may include data for categories not shown separately. N.E.C. means not elsewhere classified. IN THIS SURVEY, THE NONRESPONSE RATE FOR ALL INDUSTRIES AND PRIVATE INDUSTRY EXCEEDED REGULAR SURVEY STANDARDS FOR PUBLICATION. ACCORDINGLY, USERS SHOULD INTERPRET THESE RESULTS WITH THIS LIMITATION IN MIND.

NOTE: Individual and average wage rates were collected in this update survey. A procedure was put into place to "move" the positional statistics where averages were collected. This procedure compares current locality survey data—at the quote level—with the same quote from the prior survey. Individual rates from the prior survey are moved by the average change in mean wages for the occupation.

Table A-2. Hourly earnings¹ for selected occupations, all workers², private industry and State and local government, Chicago-Gary-Kenosha, IL-IN-WI, October 1998

Occupation ³	Private industry						State and local government					
	Mean	Percentiles					Mean	Percentiles				
		10	25	Median 50	75	90		10	25	Median 50	75	90
All occupations	\$16.74	\$6.33	\$8.79	\$13.81	\$20.26	\$28.65	\$21.60	\$10.35	\$13.90	\$19.70	\$26.76	\$36.10
All occupations excluding sales	16.36	6.38	8.89	13.80	20.11	27.86	21.63	10.39	13.90	19.70	26.77	36.10
White-collar occupations	21.31	9.00	12.22	17.12	24.56	35.15	23.75	10.96	14.18	20.58	30.23	41.38
White-collar occupations excluding sales	21.12	9.81	12.75	17.31	24.35	35.10	23.81	11.04	14.29	20.58	30.27	41.38
Professional specialty and technical occupations	23.85	13.12	16.41	20.43	26.89	34.66	28.82	14.13	18.63	26.77	36.49	45.94
Professional specialty occupations	24.48	14.07	17.38	22.21	28.73	36.78	29.27	14.17	18.94	27.47	37.59	46.28
Engineers, architects, and surveyors	30.95	21.81	25.74	29.91	34.71	40.14	-	-	-	-	-	-
Electrical and electronic engineers	32.26	22.58	25.55	29.88	34.28	44.03	-	-	-	-	-	-
Industrial engineers	26.92	18.17	24.21	25.61	28.48	33.28	-	-	-	-	-	-
Mechanical engineers	26.41	19.89	21.11	24.31	30.05	33.78	-	-	-	-	-	-
Engineers, N.E.C.	31.75	25.73	27.21	31.33	36.19	38.99	-	-	-	-	-	-
Mathematical and computer scientists	27.36	18.27	22.30	26.44	31.85	39.18	-	-	-	-	-	-
Computer systems analysts and scientists	27.78	19.39	23.56	26.73	32.54	39.90	-	-	-	-	-	-
Operations and systems researchers and analysts	23.65	18.10	19.88	22.85	26.78	31.43	-	-	-	-	-	-
Natural scientists	-	-	-	-	-	-	-	-	-	-	-	-
Health related occupations	21.70	15.94	18.07	20.36	23.10	27.06	28.25	12.32	21.12	27.57	31.94	38.59
Physicians	50.10	15.94	16.55	54.55	65.46	84.55	-	-	-	-	-	-
Registered nurses	20.38	16.00	18.08	20.14	22.73	24.12	27.29	20.93	23.39	28.17	31.94	33.53
Pharmacists	27.42	24.96	25.71	27.10	28.49	30.77	-	-	-	-	-	-
Respiratory therapists	17.64	15.21	16.34	16.58	19.84	20.99	-	-	-	-	-	-
Occupational therapists	24.11	18.99	21.15	22.33	26.70	30.24	-	-	-	-	-	-
Physical therapists	25.24	20.32	22.18	27.42	27.69	27.69	-	-	-	-	-	-
Speech therapists	21.77	15.24	15.79	23.55	24.94	27.48	-	-	-	-	-	-
Teachers, college and university	37.16	16.83	22.77	29.33	43.13	67.98	31.52	14.17	19.96	31.74	39.41	51.20
Teachers, post secondary N.E.C.	46.83	19.82	23.44	34.16	64.10	95.45	29.35	12.30	18.28	24.73	38.82	55.02
Teachers, except college and university	19.19	10.34	14.06	18.06	23.46	30.33	31.69	15.24	21.15	29.98	41.38	47.66
Elementary school teachers	21.76	11.66	14.34	18.63	29.05	35.73	32.57	16.13	25.13	30.85	41.38	47.66
Secondary school teachers	23.49	15.53	17.81	21.95	26.76	34.55	-	-	-	-	-	-
Teachers, N.E.C.	18.37	10.00	15.00	20.07	22.85	23.46	22.12	12.27	18.63	19.95	22.88	41.38
Vocational and educational counselors	16.47	11.51	11.87	19.23	19.71	19.71	22.35	11.80	15.64	21.02	29.60	33.23
Librarians, archivists, and curators	17.92	11.12	14.39	17.80	20.70	26.23	18.84	13.08	17.06	17.25	21.47	27.12
Librarians	17.92	11.12	14.39	17.80	20.70	26.23	19.34	13.08	14.79	18.44	21.88	27.12
Social scientists and urban planners	18.85	11.06	13.77	14.42	21.78	35.44	-	-	-	-	-	-
Social, recreation, and religious workers	14.61	10.78	12.39	13.70	16.51	19.02	17.16	12.58	14.75	18.32	19.30	20.58
Social workers	14.53	11.11	12.39	13.68	16.43	18.37	17.22	12.58	14.75	18.32	19.30	20.58
Lawyers and judges	45.41	24.04	34.66	38.46	44.47	66.59	22.28	17.18	19.39	22.77	24.33	24.99
Lawyers	45.41	24.04	34.66	38.46	44.47	66.59	21.98	17.18	19.33	22.77	24.33	24.99
Writers, authors, entertainers, athletes, and professionals, N.E.C.	20.36	12.71	15.59	18.59	22.53	30.12	16.66	12.50	14.92	14.92	18.94	25.90
Designers	17.39	12.71	14.77	18.10	18.64	20.24	-	-	-	-	-	-
Editors and reporters	19.41	15.58	17.31	19.12	19.98	24.53	-	-	-	-	-	-
Public relations specialists	23.47	11.05	11.05	17.00	36.78	42.00	-	-	-	-	-	-
Professional occupations, N.E.C.	22.61	16.97	18.22	20.76	25.41	30.12	-	-	-	-	-	-
Technical occupations	22.34	12.09	14.76	18.30	21.50	27.61	19.31	13.17	15.76	18.54	23.00	25.45
Clinical laboratory technologists and technicians	17.72	12.32	14.50	17.05	20.85	24.44	-	-	-	-	-	-
Radiological technicians	18.39	13.35	15.76	18.65	20.01	22.53	-	-	-	-	-	-
Licensed practical nurses	13.32	11.26	12.29	13.23	14.29	15.55	-	-	-	-	-	-
Health technologists and technicians, N.E.C.	13.19	9.64	10.03	12.95	14.72	18.60	-	-	-	-	-	-
Electrical and electronic technicians	18.44	15.68	16.93	18.31	19.88	20.42	-	-	-	-	-	-
Engineering technicians, N.E.C.	23.90	17.72	21.08	23.43	27.95	29.77	-	-	-	-	-	-
Drafters	18.60	14.85	15.58	18.60	20.25	23.28	-	-	-	-	-	-
Airplane pilots and navigators	92.64	13.59	15.76	91.70	161.37	191.88	-	-	-	-	-	-
Computer programmers	21.99	16.88	18.20	20.82	24.35	29.81	-	-	-	-	-	-
Legal assistants	19.60	14.74	16.15	18.57	21.35	27.65	-	-	-	-	-	-
Technical and related occupations, N.E.C.	19.91	12.25	14.87	19.44	22.06	28.12	-	-	-	-	-	-
Executive, administrative, and managerial occupations	29.43	14.49	17.31	24.26	34.71	48.87	26.38	15.79	19.06	25.14	31.67	38.52

See footnotes at end of table.

Table A-2. Hourly earnings¹ for selected occupations, all workers², private industry and State and local government, Chicago-Gary-Kenosha, IL-IN-WI, October 1998 — Continued

Occupation ³	Private industry						State and local government						
	Mean	Percentiles					Mean	Percentiles					
		10	25	Median 50	75	90		10	25	Median 50	75	90	
White-collar occupations (-Continued)													
Executive, administrative, and managerial occupations (-Continued)													
Executives, administrators, and managers	\$35.30	\$16.88	\$21.75	\$31.84	\$40.43	\$60.00	\$32.01	\$20.30	\$26.38	\$31.67	\$37.35	\$44.62	
Administrators and officials, public administration	—	—	—	—	—	—	30.08	24.84	26.96	28.46	31.69	37.88	
Financial managers	29.58	17.23	20.47	27.26	36.00	43.95	—	—	—	—	—	—	
Personnel and labor relations managers	34.03	19.23	27.84	31.14	34.62	41.83	—	—	—	—	—	—	
Managers, marketing, advertising and public relations	38.69	16.06	25.59	38.98	48.48	57.21	—	—	—	—	—	—	
Administrators, education and related fields	22.79	13.76	13.76	14.05	28.85	38.57	37.17	26.84	33.10	37.35	41.00	47.15	
Managers, medicine and health	28.98	16.42	17.79	26.72	32.21	38.12	—	—	—	—	—	—	
Managers, service organizations, N.E.C.	25.34	9.61	10.10	23.50	39.04	43.32	—	—	—	—	—	—	
Managers and administrators, N.E.C.	40.20	18.94	24.52	34.62	45.73	60.00	29.46	19.39	20.30	31.67	36.95	43.68	
Management related occupations	22.19	13.46	16.00	19.38	25.24	32.91	20.98	15.16	17.76	20.00	24.79	27.25	
Accountants and auditors	20.00	14.78	16.40	18.88	22.56	26.90	21.92	16.23	18.56	22.11	24.63	27.25	
Other financial officers	28.03	14.59	17.46	21.43	29.05	55.73	—	—	—	—	—	—	
Management analysts	27.50	17.31	20.43	27.22	33.09	36.09	—	—	—	—	—	—	
Personnel, training, and labor relations specialists	22.52	16.15	17.21	21.15	22.12	32.87	—	—	—	—	—	—	
Purchasing agents and buyers, N.E.C.	23.08	15.50	15.50	25.31	25.31	37.25	—	—	—	—	—	—	
Management related occupations, N.E.C.	19.95	13.12	14.47	16.83	22.76	29.86	19.05	15.81	17.76	17.76	18.64	28.72	
Sales occupations	22.65	6.00	7.75	14.26	25.74	40.41	9.23	5.78	7.07	8.42	12.81	12.81	
Supervisors, sales occupations	38.60	8.92	15.35	19.35	31.13	46.61	—	—	—	—	—	—	
Securities and financial services sales occupations	61.48	26.85	28.85	44.71	63.94	172.62	—	—	—	—	—	—	
Advertising and related sales occupations	18.35	11.93	13.37	16.11	21.98	27.12	—	—	—	—	—	—	
Sales occupations, other business services	30.50	13.16	17.40	23.81	35.09	52.40	—	—	—	—	—	—	
Sales representatives, mining, manufacturing, and wholesale	32.91	17.02	18.74	27.22	31.32	57.09	—	—	—	—	—	—	
Sales workers, motor vehicles and boats	21.10	9.64	12.67	19.28	26.08	34.78	—	—	—	—	—	—	
Sales workers, other commodities	9.09	5.80	6.27	8.00	10.20	15.03	—	—	—	—	—	—	
Cashiers	7.71	5.35	5.79	6.69	7.95	12.59	—	—	—	—	—	—	
Administrative support occupations, including clerical	13.15	8.00	9.98	12.26	15.48	18.67	13.66	8.53	10.60	12.81	16.10	19.73	
Supervisors, general office	17.99	14.42	14.42	18.10	20.19	25.00	—	—	—	—	—	—	
Supervisors, financial records processing	16.66	10.94	16.80	16.80	17.80	21.45	—	—	—	—	—	—	
Supervisors, distribution, scheduling, and adjusting clerks	18.75	13.74	17.03	18.67	25.35	25.35	—	—	—	—	—	—	
Computer operators	15.44	11.65	12.18	15.64	16.89	21.00	—	—	—	—	—	—	
Secretaries	14.68	10.26	12.14	14.24	16.26	20.53	12.92	8.14	10.10	13.17	14.66	18.26	
Typists	13.79	9.19	9.50	10.19	19.44	23.24	—	—	—	—	—	—	
Transportation ticket and reservation agents	11.08	7.28	7.75	9.59	14.29	18.06	—	—	—	—	—	—	
Receptionists	10.59	7.24	9.26	10.50	11.78	13.74	12.34	6.59	7.75	16.13	16.13	16.13	
Information clerks, N.E.C.	12.11	8.37	10.97	11.91	13.49	15.51	—	—	—	—	—	—	
Order clerks	12.79	9.71	11.00	12.03	13.46	17.37	—	—	—	—	—	—	
Personnel clerks except payroll and timekeeping	13.82	8.71	12.13	12.13	15.38	18.87	—	—	—	—	—	—	
Library clerks	11.03	7.29	9.00	10.56	13.31	14.39	10.58	6.20	8.03	10.65	12.69	16.00	
Records clerks, N.E.C.	11.98	8.80	9.50	11.48	13.95	16.08	17.97	9.53	13.12	19.67	22.77	26.38	
Bookkeepers, accounting and auditing clerks	11.99	7.80	10.00	11.50	13.93	16.54	12.41	9.50	11.02	12.48	13.33	15.32	
Payroll and timekeeping clerks	14.76	8.65	10.41	14.87	17.33	20.21	—	—	—	—	—	—	
Billing clerks	12.65	9.00	10.24	12.82	14.90	16.70	—	—	—	—	—	—	

See footnotes at end of table.

Table A-2. Hourly earnings¹ for selected occupations, all workers², private industry and State and local government, Chicago-Gary-Kenosha, IL-IN-WI, October 1998 — Continued

Occupation ³	Private industry						State and local government						
	Mean	Percentiles					Mean	Percentiles					
		10	25	Median 50	75	90		10	25	Median 50	75	90	
White-collar occupations (-Continued)													
Administrative support occupations, including clerical (-Continued)													
Mail clerks except postal service	\$10.82	\$7.26	\$8.64	\$9.98	\$11.26	\$16.48	-	-	-	-	-	-	-
Dispatchers	14.27	9.65	11.88	15.94	15.94	15.94	\$13.45	\$10.62	\$11.30	\$12.81	\$15.51	\$16.40	-
Traffic, shipping and receiving clerks	15.01	9.27	14.12	16.02	17.00	18.09	-	-	-	-	-	-	-
Stock and inventory clerks	12.26	7.50	9.54	11.75	16.00	17.40	-	-	-	-	-	-	-
Insurance adjusters, examiners, and investigators	22.74	9.93	12.33	15.54	20.80	52.54	-	-	-	-	-	-	-
Investigators and adjusters except insurance	17.58	12.82	14.40	15.70	22.00	22.00	-	-	-	-	-	-	-
Bill and account collectors	11.98	8.08	10.10	12.47	13.46	15.00	-	-	-	-	-	-	-
General office clerks	11.70	8.00	9.22	11.13	13.08	16.93	13.61	9.40	10.63	12.17	16.08	20.20	-
Bank tellers	8.78	6.96	7.39	8.28	9.50	12.15	-	-	-	-	-	-	-
Data entry keyers	9.88	6.00	6.40	9.19	12.20	15.38	-	-	-	-	-	-	-
Teachers' aides	10.25	6.25	7.00	8.50	17.16	17.16	11.20	6.65	8.69	10.43	14.46	15.45	-
Administrative support occupations, N.E.C.	15.10	9.00	10.62	13.88	16.83	19.03	13.00	9.08	10.79	11.91	17.08	17.61	-
Blue-collar occupations	13.97	6.00	8.16	12.90	18.76	23.30	19.32	11.40	15.63	19.49	22.57	26.99	-
Precision production, craft, and repair occupations	19.80	10.55	14.65	19.94	25.26	28.65	23.36	15.87	19.84	23.56	26.99	28.65	-
Supervisors, mechanics and repairers	25.02	20.18	20.40	25.24	30.10	32.23	-	-	-	-	-	-	-
Automobile mechanics	21.12	10.50	13.05	19.80	25.29	39.45	-	-	-	-	-	-	-
Bus, truck, and stationary engine mechanics	17.70	10.32	12.50	20.30	22.23	22.29	-	-	-	-	-	-	-
Industrial machinery repairers	17.42	11.60	15.14	17.70	19.92	22.88	-	-	-	-	-	-	-
Electronic repairers, communications and industrial equipment	16.97	13.69	13.77	16.18	18.88	22.14	-	-	-	-	-	-	-
Millwrights	17.76	11.73	14.21	19.44	20.73	24.10	-	-	-	-	-	-	-
Mechanics and repairers, N.E.C.	14.87	8.00	8.00	17.52	19.34	21.09	-	-	-	-	-	-	-
Supervisors, construction trades, N.E.C.	27.42	25.81	26.96	27.35	27.35	29.98	-	-	-	-	-	-	-
Electricians	24.46	15.11	22.11	28.65	28.65	30.55	-	-	-	-	-	-	-
Supervisors, production occupations ..	21.29	13.03	16.86	20.90	25.24	29.97	-	-	-	-	-	-	-
Tool and die makers	23.00	18.40	20.32	24.14	26.04	26.04	-	-	-	-	-	-	-
Machinists	19.69	12.70	17.13	19.52	21.83	27.16	-	-	-	-	-	-	-
Electrical and electronic equipment assemblers	14.18	9.77	10.81	11.94	17.91	22.97	-	-	-	-	-	-	-
Inspectors, testers, and graders	17.16	13.16	14.53	17.06	20.00	23.12	-	-	-	-	-	-	-
Machine operators, assemblers, and inspectors	11.93	5.94	7.41	10.71	15.66	20.27	-	-	-	-	-	-	-
Punching and stamping press operators	13.73	9.30	9.79	12.22	17.61	18.96	-	-	-	-	-	-	-
Grinding, abrading, buffing, and polishing machine operators	12.51	6.99	11.01	12.69	13.65	16.73	-	-	-	-	-	-	-
Fabricating machine operators, N.E.C.	13.85	9.05	10.68	14.30	16.53	18.12	-	-	-	-	-	-	-
Molding and casting machine operators	10.40	5.85	7.42	9.00	12.25	15.95	-	-	-	-	-	-	-
Packaging and filling machine operators	12.61	9.29	11.44	11.85	14.37	15.32	-	-	-	-	-	-	-
Mixing and blending machine operators	16.52	12.20	14.30	16.39	20.07	20.07	-	-	-	-	-	-	-
Slicing and cutting machine operators	14.00	8.77	11.50	11.87	18.38	21.26	-	-	-	-	-	-	-
Miscellaneous machine operators, N.E.C.	12.73	6.71	7.61	12.20	17.69	21.06	-	-	-	-	-	-	-
Welders and cutters	17.07	9.91	15.05	17.83	21.12	21.12	-	-	-	-	-	-	-
Assemblers	8.62	5.33	5.84	6.98	9.38	15.13	-	-	-	-	-	-	-
Production inspectors, checkers and examiners	11.89	8.45	9.10	10.66	13.89	17.30	-	-	-	-	-	-	-
Transportation and material moving occupations	14.55	7.17	9.85	13.75	18.67	21.85	17.85	12.47	15.35	19.19	20.45	21.40	-
Truck drivers	16.95	9.51	14.61	17.25	20.18	22.74	20.28	17.78	19.59	21.40	21.40	21.40	-
Bus drivers	11.06	7.35	8.50	11.75	13.72	13.72	-	-	-	-	-	-	-

See footnotes at end of table.

Table A-2. Hourly earnings¹ for selected occupations, all workers², private industry and State and local government, Chicago-Gary-Kenosha, IL-IN-WI, October 1998 — Continued

Occupation ³	Private industry						State and local government						
	Mean	Percentiles					Mean	Percentiles					
		10	25	Median 50	75	90		10	25	Median 50	75	90	
Blue-collar occupations (-Continued)													
Transportation and material moving occupations (-Continued)													
Supervisors, material moving equipment	\$14.59	\$13.00	\$13.70	\$13.75	\$15.61	\$15.61	-	-	-	-	-	-	-
Operating engineers	22.76	18.90	18.90	25.55	26.95	26.95	-	-	-	-	-	-	-
Crane and tower operators	14.20	10.25	11.65	12.87	14.69	20.28	-	-	-	-	-	-	-
Industrial truck and tractor equipment operators	12.12	7.42	8.75	11.98	14.43	16.95	-	-	-	-	-	-	-
Miscellaneous material moving equipment operators, N.E.C.	13.42	5.83	7.69	11.92	18.67	19.02	-	-	-	-	-	-	-
Handlers, equipment cleaners, helpers, and laborers	10.68	5.15	6.50	9.43	13.96	18.40	\$15.13	\$7.23	\$11.83	\$16.00	\$19.97	\$20.82	
Groundskeepers and gardeners except farm	10.76	6.00	6.90	11.52	14.33	15.30	9.73	6.23	6.59	9.56	11.35	13.51	
Construction laborers	17.56	9.67	10.94	16.94	21.23	23.35	-	-	-	-	-	-	-
Production helpers	7.70	(⁴)	(⁴)	(⁴)	(⁴)	(⁴)	-	-	-	-	-	-	-
Stock handlers and baggers	9.15	5.43	6.34	8.24	10.80	14.28	-	-	-	-	-	-	-
Machine feeders and offbearers	12.60	6.87	7.68	11.89	17.24	17.29	-	-	-	-	-	-	-
Freight, stock, and material handlers, N.E.C.	14.56	8.00	9.50	14.69	18.40	20.52	-	-	-	-	-	-	-
Vehicle washers and equipment cleaners	8.98	6.50	7.87	8.00	10.90	11.80	-	-	-	-	-	-	-
Hand packers and packagers	9.02	5.75	6.00	8.49	11.02	13.96	-	-	-	-	-	-	-
Laborers except construction, N.E.C.	9.38	5.15	5.15	7.56	13.24	16.81	15.95	7.23	11.86	17.67	19.97	19.97	
Service occupations	8.53	5.15	6.05	7.68	9.75	12.00	17.93	8.28	12.55	17.84	23.53	26.09	
Protective service occupations	8.70	5.35	6.56	7.75	10.35	12.81	21.12	12.76	17.89	21.74	24.50	27.05	
Firefighting occupations	-	-	-	-	-	-	20.43	12.87	18.13	21.01	24.35	25.20	
Police and detectives, public service ..	-	-	-	-	-	-	23.09	18.69	21.35	23.53	25.42	27.05	
Guards and police except public service	8.30	5.20	6.63	7.52	9.47	11.60	14.09	10.40	10.74	14.72	17.07	17.91	
Protective service occupations, N.E.C.	-	-	-	-	-	-	15.40	6.31	8.99	17.77	22.24	22.24	
Food service occupations	7.46	3.60	5.40	6.93	9.60	11.92	8.53	5.25	6.42	7.69	9.28	14.42	
Bartenders	8.98	5.50	6.00	7.51	11.48	15.40	-	-	-	-	-	-	
Waiters and waitresses	4.75	2.69	3.04	4.69	5.15	7.46	-	-	-	-	-	-	
Cooks	9.28	5.75	6.70	9.44	11.96	11.96	-	-	-	-	-	-	
Food counter, fountain, and related occupations	5.93	2.13	5.61	6.15	6.67	7.80	-	-	-	-	-	-	
Kitchen workers, food preparation	7.56	5.40	6.29	7.85	8.55	10.14	-	-	-	-	-	-	
Waiters'/Waitresses' assistants	4.46	3.25	3.25	4.99	5.25	5.87	-	-	-	-	-	-	
Food preparation occupations, N.E.C.	7.53	5.18	5.90	7.74	8.54	10.69	-	-	-	-	-	-	

See footnotes at end of table.

Table A-2. Hourly earnings¹ for selected occupations, all workers², private industry and State and local government, Chicago-Gary-Kenosha, IL-IN-WI, October 1998 — Continued

Occupation ³	Private industry						State and local government					
	Mean	Percentiles					Mean	Percentiles				
		10	25	Median 50	75	90		10	25	Median 50	75	90
Service occupations (-Continued)												
Health service occupations	\$8.64	\$6.37	\$6.91	\$8.28	\$9.72	\$11.68	\$12.64	\$9.78	\$11.14	\$13.02	\$14.13	\$14.69
Health aides, except nursing	9.44	6.34	7.10	9.25	11.20	12.75	—	—	—	—	—	—
Nursing aides, orderlies and attendants	8.38	6.37	6.90	8.08	9.45	10.99	12.86	9.99	11.14	13.57	14.69	14.69
Cleaning and building service occupations	8.95	6.00	6.66	8.04	10.53	13.28	13.25	9.01	11.86	13.70	15.27	16.87
Supervisors, cleaning and building service workers	11.05	7.50	8.45	10.66	13.17	14.57	—	—	—	—	—	—
Maids and housemen	7.80	5.97	7.57	7.73	7.89	9.13	—	—	—	—	—	—
Janitors and cleaners	8.96	6.00	6.50	8.40	10.80	13.26	13.27	9.01	11.92	13.90	15.27	16.87
Personal service occupations	10.78	5.23	6.15	7.32	9.35	18.71	9.38	6.30	7.90	8.79	11.28	12.84
Attendants, amusement and recreation facilities	6.04	5.15	5.50	5.85	6.15	7.05	7.51	5.64	6.25	7.90	7.98	10.28
Welfare service aides	7.28	5.15	6.12	6.75	8.08	9.35	—	—	—	—	—	—
Early childhood teachers' assistants ..	6.58	5.15	5.50	6.50	7.17	8.27	9.30	6.30	7.93	8.45	10.82	13.37
Child care workers, N.E.C.	—	—	—	—	—	—	9.51	7.37	7.47	9.18	10.16	12.47
Service occupations, N.E.C.	8.70	6.00	6.50	7.86	10.12	13.04	10.19	8.02	8.79	9.80	12.34	12.71

¹ Earnings are the straight-time hourly wages or salaries paid to employees. They include incentive pay, cost-of-living adjustments, and hazard pay. Excluded are premium pay for overtime, vacations, holidays, nonproduction bonuses, and tips. The mean is computed by totaling the pay of all workers and dividing by the number of workers, weighted by hours. The 10th, 25th, 50th, 75th and 90th percentiles designate position in the earnings distribution. At the 50th percentile, the median, half of the workers receive the same as or more than the rate shown, and half receive the same as or less than the rate shown. At the 25th percentile, one-fourth of the workers earn the same as or less than the rate shown. At the 75th percentile, one-fourth earn the same as or more than the rate shown. The 10th and 90th percentiles follow the same logic.

² All workers include full-time and part-time workers. Employees are classified as working either a full-time or a part-time schedule based on the definition used by each establishment. Therefore, a worker with a 35-hour-per-week schedule might be considered a full-time employee in one establishment, but classified as part-time in another firm, where a 40-hour week is the minimum full-time schedule.

³ A classification system including about 480 individual occupations is used to cover all workers in the civilian economy. Individual occupations are classified into one of nine major occupational groups.

⁴ The positional statistics for this occupation were suppressed because some were below the minimum wage. In this update survey, an average decrease in mean wages for this occupation was applied to the positional statistics, causing the 10th percentile to go below the minimum wage.

NOTE: Dashes indicate that no data were reported or that data did not meet publication criteria. Overall occupational groups and occupational levels may include data for categories not shown separately. N.E.C. means not elsewhere classified. IN THIS SURVEY, THE NONRESPONSE RATE FOR ALL INDUSTRIES AND PRIVATE INDUSTRY EXCEEDED REGULAR SURVEY STANDARDS FOR PUBLICATION. ACCORDINGLY, USERS SHOULD INTERPRET THESE RESULTS WITH THIS LIMITATION IN MIND.

NOTE: Individual and average wage rates were collected in this update survey. A procedure was put into place to "move" the positional statistics where averages were collected. This procedure compares current locality survey data—at the quote level—with the same quote from the prior survey. Individual rates from the prior survey are moved by the average change in mean wages for the occupation.

Table A-3. Hourly earnings¹ for selected occupations, full-time and part-time workers², all industries, Chicago-Gary-Kenosha, IL-IN-WI, October 1998

Occupation ³	All industries											
	Full-time						Part-time					
	Mean	Percentiles					Mean	Percentiles				
10		25	Median 50	75	90	10		25	Median 50	75	90	
All occupations	\$18.44	\$7.35	\$10.53	\$15.69	\$22.00	\$30.64	\$9.63	\$5.15	\$6.00	\$7.46	\$10.62	\$17.67
All occupations excluding sales	18.03	7.32	10.50	15.58	21.71	30.17	9.94	5.15	6.00	7.58	11.18	18.57
White-collar occupations	22.53	10.15	13.16	18.26	26.67	37.97	13.26	5.83	7.00	10.00	17.40	23.96
White-collar occupations excluding sales	22.08	10.39	13.31	18.23	26.44	37.36	15.69	7.21	8.93	13.33	20.49	26.50
Professional specialty and technical occupations	25.48	13.46	17.05	21.63	29.54	39.90	21.61	12.50	15.75	20.49	24.50	31.88
Professional specialty occupations	26.41	14.07	18.19	23.68	31.57	41.38	22.32	13.33	16.50	21.01	25.00	33.65
Engineers, architects, and surveyors	30.98	22.13	25.74	29.91	34.87	40.39	-	-	-	-	-	-
Electrical and electronic engineers	32.26	22.58	25.55	29.88	34.28	44.03	-	-	-	-	-	-
Industrial engineers	26.92	18.17	24.21	25.61	28.48	33.28	-	-	-	-	-	-
Mechanical engineers	26.70	19.89	21.11	25.82	30.05	34.17	-	-	-	-	-	-
Engineers, N.E.C.	31.63	25.53	27.20	31.21	36.06	38.99	-	-	-	-	-	-
Mathematical and computer scientists	27.21	18.10	21.89	26.44	31.69	39.18	-	-	-	-	-	-
Computer systems analysts and scientists	27.60	17.94	23.18	26.54	32.45	39.90	-	-	-	-	-	-
Operations and systems researchers and analysts	23.65	18.10	19.88	22.85	26.78	31.43	-	-	-	-	-	-
Natural scientists	-	-	-	-	-	-	-	-	-	-	-	-
Health related occupations	22.59	15.94	18.18	20.70	23.98	28.55	22.26	15.78	18.07	21.05	23.55	27.10
Physicians	36.89	11.11	12.32	16.55	66.93	75.00	-	-	-	-	-	-
Registered nurses	21.19	16.05	18.25	20.50	23.16	27.70	20.89	15.80	17.98	20.66	23.00	25.31
Physical therapists	25.22	20.32	21.86	27.42	27.69	27.69	-	-	-	-	-	-
Teachers, college and university	35.77	16.83	22.50	31.55	41.56	56.62	21.68	10.58	12.70	18.89	25.59	29.31
Teachers, post secondary N.E.C.	39.24	15.77	20.87	30.26	51.84	74.69	-	-	-	-	-	-
Teachers, except college and university	30.76	14.45	19.99	29.05	40.91	47.45	22.57	10.50	13.33	20.00	29.29	39.52
Elementary school teachers	31.95	15.25	23.65	30.55	41.16	47.66	-	-	-	-	-	-
Secondary school teachers	38.53	23.00	28.20	38.46	45.94	56.37	-	-	-	-	-	-
Teachers, special education	27.62	15.31	16.83	26.91	35.22	37.14	-	-	-	-	-	-
Teachers, N.E.C.	22.19	12.27	18.63	19.95	23.20	41.38	16.70	8.00	14.00	18.29	20.92	21.86
Vocational and educational counselors	19.14	11.51	12.65	19.23	21.02	30.53	-	-	-	-	-	-
Librarians, archivists, and curators	18.76	13.08	15.89	17.25	21.47	27.12	17.82	12.71	17.09	19.77	19.77	19.77
Librarians	19.21	13.08	14.39	18.44	21.88	27.12	15.01	8.91	12.71	14.08	17.58	19.40
Social scientists and urban planners	25.53	12.02	14.42	22.15	34.33	46.06	-	-	-	-	-	-
Psychologists	25.40	11.06	14.42	20.77	35.81	47.95	-	-	-	-	-	-
Social, recreation, and religious workers	15.19	11.50	12.82	14.27	17.63	20.58	17.08	3.59	8.50	17.23	27.60	27.72
Social workers	15.03	11.45	12.82	14.15	17.32	19.30	21.73	11.11	12.00	27.46	27.60	27.72
Lawyers and judges	35.78	19.04	22.77	30.90	40.04	48.08	-	-	-	-	-	-
Lawyers	35.73	18.93	22.77	30.90	38.58	48.08	-	-	-	-	-	-
Writers, authors, entertainers, athletes, and professionals, N.E.C.	20.16	13.52	16.41	18.59	22.17	29.08	20.91	12.06	15.00	15.09	24.23	36.78
Designers	17.39	12.71	14.77	18.10	18.64	20.24	-	-	-	-	-	-
Editors and reporters	19.41	15.58	17.31	19.12	19.98	24.53	-	-	-	-	-	-
Public relations specialists	21.87	11.05	11.05	15.59	25.24	42.00	-	-	-	-	-	-
Professional occupations, N.E.C.	22.85	17.26	18.37	20.76	26.11	30.12	-	-	-	-	-	-
Technical occupations	22.46	12.22	14.87	18.31	21.50	27.34	18.77	11.47	13.68	17.74	22.55	27.80
Clinical laboratory technologists and technicians	17.43	11.99	14.05	16.50	20.19	24.84	18.79	14.89	17.26	17.92	21.93	22.55
Radiological technicians	18.02	13.50	16.12	18.65	19.85	21.67	19.45	12.73	14.27	17.93	27.80	27.80
Licensed practical nurses	13.49	11.40	12.29	13.52	14.55	15.55	12.75	9.10	12.42	12.62	13.68	16.00
Health technologists and technicians, N.E.C.	13.36	9.64	9.93	13.63	15.35	18.60	12.02	10.25	10.65	12.26	12.31	15.22
Electrical and electronic technicians	18.44	15.68	16.93	18.31	19.88	20.42	-	-	-	-	-	-
Engineering technicians, N.E.C.	22.73	16.94	18.41	22.81	26.23	28.67	-	-	-	-	-	-
Drafters	18.60	14.85	15.58	18.60	20.25	23.28	-	-	-	-	-	-
Airplane pilots and navigators	92.64	13.59	15.76	91.70	161.37	191.88	-	-	-	-	-	-
Computer programmers	21.66	16.93	18.21	20.82	24.35	28.85	-	-	-	-	-	-
Legal assistants	19.06	13.42	16.15	17.58	20.36	27.65	-	-	-	-	-	-
Technical and related occupations, N.E.C.	19.98	12.25	14.87	19.51	22.21	28.12	-	-	-	-	-	-
Executive, administrative, and managerial occupations	28.99	14.94	17.76	24.65	34.59	47.15	26.00	14.62	16.54	19.50	39.29	39.29

See footnotes at end of table.

Table A-3. Hourly earnings¹ for selected occupations, full-time and part-time workers², all industries, Chicago-Gary-Kenosha, IL-IN-WI, October 1998 — Continued

Occupation ³	All industries											
	Full-time					Part-time						
	Mean	Percentiles					Mean	Percentiles				
10		25	Median 50	75	90	10		25	Median 50	75	90	
White-collar occupations (-Continued)												
Executive, administrative, and managerial occupations (-Continued)												
Executives, administrators, and managers	\$34.87	\$17.23	\$22.58	\$31.84	\$40.14	\$60.00	\$32.24	\$16.54	\$17.30	\$39.29	\$39.29	\$50.00
Administrators and officials, public administration	30.74	24.93	27.11	28.61	32.38	39.41	-	-	-	-	-	-
Financial managers	29.58	17.23	20.47	27.56	36.00	43.95	-	-	-	-	-	-
Personnel and labor relations managers	33.97	19.23	27.84	32.12	34.62	41.83	-	-	-	-	-	-
Managers, marketing, advertising and public relations	38.69	19.23	25.59	38.65	48.48	57.21	-	-	-	-	-	-
Administrators, education and related fields	33.03	13.76	26.99	36.23	38.52	47.15	-	-	-	-	-	-
Managers, medicine and health	28.53	16.42	19.71	26.44	32.02	38.12	-	-	-	-	-	-
Managers, service organizations, N.E.C.	24.81	9.61	10.33	23.50	39.04	43.32	-	-	-	-	-	-
Managers and administrators, N.E.C.	39.55	18.94	24.00	34.19	44.51	60.00	-	-	-	-	-	-
Management related occupations	22.00	13.60	16.07	19.55	25.22	31.40	-	-	-	-	-	-
Accountants and auditors	20.42	15.14	16.83	19.38	24.21	27.25	-	-	-	-	-	-
Other financial officers	27.96	14.59	17.46	21.43	28.85	55.73	-	-	-	-	-	-
Management analysts	27.04	17.49	20.88	26.19	32.33	33.67	-	-	-	-	-	-
Personnel, training, and labor relations specialists	22.48	15.93	17.21	21.15	24.50	31.42	-	-	-	-	-	-
Purchasing agents and buyers, N.E.C.	23.16	15.50	16.00	23.87	25.31	37.25	-	-	-	-	-	-
Management related occupations, N.E.C.	19.86	13.29	14.98	17.76	21.99	28.85	-	-	-	-	-	-
Sales occupations	27.43	8.00	11.41	18.57	28.68	45.60	7.22	5.35	5.70	6.34	7.56	10.57
Supervisors, sales occupations	38.60	8.92	15.35	19.35	31.13	46.61	-	-	-	-	-	-
Securities and financial services sales occupations	61.48	26.85	28.85	44.71	63.94	172.62	-	-	-	-	-	-
Advertising and related sales occupations	18.42	11.93	13.37	16.11	21.98	27.12	-	-	-	-	-	-
Sales occupations, other business services	30.50	13.16	17.40	23.81	35.09	52.40	-	-	-	-	-	-
Sales representatives, mining, manufacturing, and wholesale	32.91	17.02	18.74	27.22	31.32	57.09	-	-	-	-	-	-
Sales workers, motor vehicles and boats	21.10	9.64	12.67	19.28	26.08	34.78	-	-	-	-	-	-
Sales workers, other commodities	10.58	6.55	8.00	10.10	11.28	17.66	7.35	5.70	5.86	6.47	7.27	10.25
Cashiers	7.72	5.79	6.00	6.69	8.67	11.41	7.82	5.20	5.65	6.62	8.80	12.91
Administrative support occupations, including clerical	13.58	8.65	10.45	12.74	15.94	19.18	9.82	6.75	7.50	9.00	10.96	14.74
Supervisors, general office	18.21	14.42	14.42	18.91	21.16	24.39	-	-	-	-	-	-
Supervisors, financial records processing	16.62	10.94	16.80	16.80	17.80	21.45	-	-	-	-	-	-
Supervisors, distribution, scheduling, and adjusting clerks	19.28	13.74	17.79	18.67	25.35	25.35	-	-	-	-	-	-
Computer operators	16.39	11.65	13.69	16.55	19.10	21.00	-	-	-	-	-	-
Secretaries	14.47	10.08	12.14	14.15	16.20	19.67	12.70	7.00	8.99	11.96	15.80	19.08
Typists	14.20	10.19	10.96	13.31	15.38	21.73	-	-	-	-	-	-
Receptionists	11.18	8.00	9.50	10.74	13.40	14.58	9.57	6.11	7.24	8.50	10.13	17.72
Information clerks, N.E.C.	12.38	8.37	10.97	11.95	14.18	16.00	-	-	-	-	-	-
Order clerks	12.82	9.71	11.02	12.03	13.46	17.37	-	-	-	-	-	-
Personnel clerks except payroll and timekeeping	14.12	8.71	12.13	12.13	18.19	18.87	-	-	-	-	-	-
Library clerks	11.69	8.97	10.09	11.40	13.36	14.39	9.46	6.00	6.63	8.25	11.06	16.00
Records clerks, N.E.C.	13.23	9.00	9.70	12.00	15.09	19.67	-	-	-	-	-	-
Bookkeepers, accounting and auditing clerks	12.17	7.80	10.00	11.90	14.02	16.54	-	-	-	-	-	-
Payroll and timekeeping clerks	15.25	8.65	10.41	14.93	18.09	20.68	-	-	-	-	-	-
Billing clerks	13.00	9.18	10.69	12.82	15.38	16.70	-	-	-	-	-	-

See footnotes at end of table.

Table A-3. Hourly earnings¹ for selected occupations, full-time and part-time workers², all industries, Chicago-Gary-Kenosha, IL-IN-WI, October 1998 — Continued

Occupation ³	All industries											
	Full-time					Part-time						
	Mean	Percentiles					Mean	Percentiles				
		10	25	Median 50	75	90		10	25	Median 50	75	90
White-collar occupations (-Continued)												
Administrative support occupations, including clerical (-Continued)												
Mail clerks except postal service	\$11.17	\$7.26	\$9.79	\$10.08	\$11.48	\$20.33	-	-	-	-	-	-
Dispatchers	14.19	10.56	12.00	15.19	15.94	16.47	-	-	-	-	-	-
Traffic, shipping and receiving clerks	15.01	9.27	14.12	16.02	17.00	18.09	-	-	-	-	-	-
Stock and inventory clerks	13.30	9.65	11.00	12.45	16.00	17.40	-	-	-	-	-	-
Insurance adjusters, examiners, and investigators	22.74	9.93	12.33	15.54	20.80	52.54	-	-	-	-	-	-
Investigators and adjusters except insurance	17.58	12.82	14.40	15.70	22.00	22.00	-	-	-	-	-	-
Bill and account collectors	12.33	8.17	10.54	12.85	13.72	15.00	-	-	-	-	-	-
General office clerks	12.70	8.82	10.11	11.75	13.93	18.80	\$9.94	\$7.00	\$8.00	\$8.54	\$10.63	\$17.24
Bank tellers	9.32	7.39	7.92	8.83	10.25	12.15	7.42	6.84	6.96	7.28	7.46	8.21
Data entry keyers	10.10	6.00	6.50	9.47	12.20	15.38	8.30	7.40	7.50	7.60	8.85	10.19
Teachers' aides	11.59	7.73	8.77	10.46	15.11	15.97	8.32	6.25	6.30	6.65	9.17	10.00
Administrative support occupations, N.E.C.	14.84	9.09	10.79	13.85	16.83	18.97	12.38	7.00	8.19	11.05	16.37	17.40
Blue-collar occupations												
Precision production, craft, and repair occupations												
Supervisors, mechanics and repairers	20.18	10.70	15.55	20.26	25.90	28.65	-	-	-	-	-	-
Automobile mechanics	24.54	20.18	20.40	23.10	29.15	31.83	-	-	-	-	-	-
Bus, truck, and stationary engine mechanics	21.11	10.50	13.05	19.78	25.29	39.45	-	-	-	-	-	-
Heavy equipment mechanics	17.90	10.32	12.50	19.84	20.94	22.28	-	-	-	-	-	-
Industrial machinery repairers	19.63	14.76	17.50	18.78	21.96	22.70	-	-	-	-	-	-
Electronic repairers, communications and industrial equipment	17.42	11.60	15.14	17.70	19.92	22.88	-	-	-	-	-	-
Heating, air conditioning, and refrigeration mechanics	16.97	13.69	13.77	16.18	18.88	22.14	-	-	-	-	-	-
Millwrights	16.32	11.17	11.81	17.18	19.53	20.56	-	-	-	-	-	-
Mechanics and repairers, N.E.C.	17.76	11.73	14.21	19.44	20.73	24.10	-	-	-	-	-	-
Supervisors, construction trades, N.E.C.	16.18	8.00	15.54	18.33	19.75	19.84	-	-	-	-	-	-
Carpenters	27.40	25.81	26.96	27.35	27.35	29.98	-	-	-	-	-	-
Electricians	24.82	22.71	22.71	24.05	26.95	27.45	-	-	-	-	-	-
Plumbers, pipefitters and steamfitters	25.56	15.11	24.86	28.65	28.65	29.71	-	-	-	-	-	-
Supervisors, production occupations ..	24.19	17.30	21.36	21.60	29.54	30.70	-	-	-	-	-	-
Tool and die makers	21.29	13.03	16.86	20.90	25.24	29.97	-	-	-	-	-	-
Machinists	23.00	18.40	20.32	24.14	26.04	26.04	-	-	-	-	-	-
Electrical and electronic equipment assemblers	20.13	12.70	17.40	19.72	22.24	26.53	-	-	-	-	-	-
Inspectors, testers, and graders	14.18	9.77	10.81	11.94	17.91	22.97	-	-	-	-	-	-
Stationary engineers	17.16	13.16	14.53	17.06	20.00	23.12	-	-	-	-	-	-
Machine operators, assemblers, and inspectors	25.63	21.75	24.48	26.99	26.99	26.99	-	-	-	-	-	-
Punching and stamping press operators	11.98	5.94	7.44	10.83	15.83	20.27	8.32	5.40	6.10	7.80	8.85	12.96
Grinding, abrading, buffing, and polishing machine operators	13.73	9.30	9.79	12.22	17.61	18.96	-	-	-	-	-	-
Fabricating machine operators, N.E.C.	12.91	6.99	11.68	12.87	14.08	16.73	-	-	-	-	-	-
Molding and casting machine operators	13.85	9.05	10.68	14.30	16.53	18.12	-	-	-	-	-	-
Packaging and filling machine operators	10.40	5.85	7.42	9.00	12.25	15.95	-	-	-	-	-	-
Mixing and blending machine operators	12.57	9.29	11.44	11.85	14.37	15.32	-	-	-	-	-	-
Slicing and cutting machine operators	16.55	12.20	14.30	16.39	20.07	20.07	-	-	-	-	-	-
Miscellaneous machine operators, N.E.C.	14.00	8.77	11.50	11.87	18.38	21.26	-	-	-	-	-	-
	12.73	6.71	7.61	12.20	17.69	21.06	-	-	-	-	-	-

See footnotes at end of table.

Table A-3. Hourly earnings¹ for selected occupations, full-time and part-time workers², all industries, Chicago-Gary-Kenosha, IL-IN-WI, October 1998 — Continued

Occupation ³	All industries											
	Full-time					Part-time						
	Mean	Percentiles					Mean	Percentiles				
		10	25	Median 50	75	90		10	25	Median 50	75	90
Blue-collar occupations (-Continued)												
Machine operators, assemblers, and inspectors (-Continued)												
Welders and cutters	\$17.07	\$9.91	\$15.05	\$17.83	\$21.12	\$21.12	-	-	-	-	-	-
Assemblers	8.66	5.33	5.82	6.91	9.55	15.54	-	-	-	-	-	-
Production inspectors, checkers and examiners	11.89	8.45	9.10	10.66	13.89	17.30	-	-	-	-	-	-
Transportation and material moving occupations	15.86	8.27	11.84	16.73	19.19	22.71	\$10.06	\$6.25	\$7.37	\$9.00	\$13.72	\$13.72
Truck drivers	17.48	10.79	16.50	17.78	20.88	22.74	-	-	-	-	-	-
Bus drivers	-	-	-	-	-	-	11.41	7.37	9.00	13.04	13.72	13.72
Supervisors, material moving equipment	14.59	13.00	13.70	13.75	15.61	15.61	-	-	-	-	-	-
Operating engineers	22.93	18.90	18.90	23.12	26.95	26.95	-	-	-	-	-	-
Crane and tower operators	14.20	10.25	11.65	12.87	14.69	20.28	-	-	-	-	-	-
Industrial truck and tractor equipment operators	12.11	7.42	8.75	11.98	14.43	16.95	-	-	-	-	-	-
Miscellaneous material moving equipment operators, N.E.C.	13.42	5.83	7.69	11.92	18.67	19.02	-	-	-	-	-	-
Handlers, equipment cleaners, helpers, and laborers	11.92	5.75	7.39	11.02	15.83	19.97	7.10	5.15	5.15	6.31	8.00	10.06
Groundskeepers and gardeners except farm	11.06	6.00	7.25	11.40	14.33	15.30	-	-	-	-	-	-
Supervisors, handlers, equipment cleaners, and laborers, N.E.C.	17.54	11.32	17.55	17.55	20.70	22.40	-	-	-	-	-	-
Construction laborers	17.77	9.67	13.23	20.82	21.23	23.35	-	-	-	-	-	-
Production helpers	7.70	(4)	(4)	(4)	(4)	(4)	-	-	-	-	-	-
Stock handlers and baggers	10.43	6.34	7.30	9.30	12.87	14.33	7.04	5.15	5.43	6.31	7.10	10.63
Machine feeders and offbearers	12.60	6.87	7.68	11.89	17.24	17.29	-	-	-	-	-	-
Freight, stock, and material handlers, N.E.C.	16.36	9.66	14.29	18.20	18.83	20.96	9.40	7.50	8.00	8.50	9.87	14.70
Vehicle washers and equipment cleaners	9.19	7.00	8.00	8.00	11.20	12.00	-	-	-	-	-	-
Hand packers and packagers	9.03	5.75	6.00	8.49	11.02	13.96	-	-	-	-	-	-
Laborers except construction, N.E.C.	12.82	5.40	8.14	13.24	16.93	19.97	-	-	-	-	-	-
Service occupations	12.07	5.97	7.28	9.70	14.48	23.53	6.80	4.69	5.37	6.36	7.80	9.43
Protective service occupations	18.60	7.00	11.41	19.77	24.35	26.76	8.57	5.95	6.75	7.98	9.96	12.27
Firefighting occupations	21.04	16.21	18.73	21.74	24.35	25.20	-	-	-	-	-	-
Police and detectives, public service ..	23.12	18.69	21.35	23.53	25.42	27.05	-	-	-	-	-	-
Guards and police except public service	9.01	5.20	6.56	7.75	10.50	14.76	9.13	6.51	7.24	8.51	10.50	13.03
Protective service occupations, N.E.C.	-	-	-	-	-	-	7.08	5.37	5.84	6.34	8.25	9.09
Food service occupations	8.50	4.75	6.29	8.06	10.87	11.96	5.71	3.09	4.69	5.85	6.50	7.55
Bartenders	-	-	-	-	-	-	6.18	5.18	5.50	6.00	6.50	7.51
Waiters and waitresses	5.52	2.50	3.09	4.70	7.42	10.20	4.26	2.85	3.04	4.69	4.69	5.15
Cooks	10.16	6.33	8.00	11.96	11.96	11.96	6.58	5.15	5.25	6.55	7.25	8.65
Kitchen workers, food preparation	8.01	5.75	6.55	7.99	8.86	10.32	6.40	5.15	5.40	6.00	7.30	8.50
Food preparation occupations, N.E.C.	8.02	5.18	7.00	7.76	9.70	10.69	6.08	5.18	5.69	6.00	6.50	7.00
Health service occupations	9.33	6.50	7.15	8.99	11.00	13.57	8.98	6.60	7.26	8.65	10.05	12.31
Health aides, except nursing	10.38	6.52	8.75	9.97	12.86	14.13	-	-	-	-	-	-
Nursing aides, orderlies and attendants	8.90	6.44	7.00	8.29	10.08	12.94	9.25	6.60	7.50	8.90	10.49	12.96
Cleaning and building service occupations	10.09	6.19	7.50	9.30	12.73	14.73	7.75	5.75	6.33	6.75	8.60	11.50
Supervisors, cleaning and building service workers	11.91	8.45	10.29	11.17	14.21	15.09	-	-	-	-	-	-
Maids and housemen	7.52	5.95	7.50	7.73	7.81	8.19	-	-	-	-	-	-
Janitors and cleaners	10.32	6.13	7.35	9.53	13.22	14.85	7.46	5.35	6.33	6.70	8.20	9.97
Personal service occupations	12.82	6.00	6.75	8.34	12.40	32.83	7.25	5.15	5.70	6.60	8.08	9.35
Attendants, amusement and recreation facilities	-	-	-	-	-	-	6.62	5.23	5.70	6.07	7.90	7.98

See footnotes at end of table.

Table A-3. Hourly earnings¹ for selected occupations, full-time and part-time workers², all industries, Chicago-Gary-Kenosha, IL-IN-WI, October 1998 — Continued

Occupation ³	All industries											
	Full-time						Part-time					
	Mean	Percentiles					Mean	Percentiles				
		10	25	Median 50	75	90		10	25	Median 50	75	90
Service occupations (-Continued)												
Personal service occupations (-Continued)												
Welfare service aides	\$7.78	\$6.12	\$6.50	\$6.75	\$8.00	\$10.52	\$6.96	\$5.15	\$5.15	\$6.56	\$9.35	\$9.35
Early childhood teachers' assistants ..	7.39	5.15	5.77	7.16	8.45	9.89	7.47	5.15	5.73	6.47	7.50	15.00
Child care workers, N.E.C.	10.47	7.13	8.94	10.53	12.40	13.80	—	—	—	—	—	—
Service occupations, N.E.C.	10.23	7.94	8.34	9.80	12.58	13.04	7.69	6.00	6.25	6.75	7.69	12.00

¹ Earnings are the straight-time hourly wages or salaries paid to employees. They include incentive pay, cost-of-living adjustments, and hazard pay. Excluded are premium pay for overtime, vacations, holidays, nonproduction bonuses, and tips. The mean is computed by totaling the pay of all workers and dividing by the number of workers, weighted by hours. The 10th, 25th, 50th, 75th and 90th percentiles designate position in the earnings distribution. At the 50th percentile, the median, half of the workers receive the same as or more than the rate shown, and half receive the same as or less than the rate shown. At the 25th percentile, one-fourth of the workers earn the same as or less than the rate shown. At the 75th percentile, one-fourth earn the same as or more than the rate shown. The 10th and 90th percentiles follow the same logic.

² Employees are classified as working either a full-time or a part-time schedule based on the definition used by each establishment. Therefore, a worker with a 35-hour-per-week schedule might be considered a full-time employee in one establishment, but classified as part-time in another firm, where a 40-hour week is the minimum full-time schedule.

³ A classification system including about 480 individual occupations is used to cover all workers in the civilian economy. Individual occupations are classified into one of nine major occupational groups.

⁴ The positional statistics for this occupation were suppressed because some were below the minimum wage. In this update survey, an average decrease in mean wages for this occupation was applied to the positional statistics, causing the 10th percentile to go below the minimum wage.

NOTE: Dashes indicate that no data were reported or that data did not meet publication criteria. Overall occupational groups and occupational levels may include data for categories not shown separately. N.E.C. means not elsewhere classified. IN THIS SURVEY, THE NONRESPONSE RATE FOR ALL INDUSTRIES AND PRIVATE INDUSTRY EXCEEDED REGULAR SURVEY STANDARDS FOR PUBLICATION. ACCORDINGLY, USERS SHOULD INTERPRET THESE RESULTS WITH THIS LIMITATION IN MIND.

NOTE: Individual and average wage rates were collected in this update survey. A procedure was put into place to "move" the positional statistics where averages were collected. This procedure compares current locality survey data—at the quote level—with the same quote from the prior survey. Individual rates from the prior survey are moved by the average change in mean wages for the occupation.

Table A-4. Weekly and annual earnings¹ and hours for selected occupations, full-time workers only², all industries, Chicago-Gary-Kenosha, IL-IN-WI, October 1998

Occupation ³	All industries					
	Mean weekly hours ⁴	Weekly earnings		Mean annual hours	Annual earnings	
		Mean	Median		Mean	Median
All occupations	39.3	\$726	\$621	1,996	\$36,806	\$31,847
All occupations excluding sales	39.3	709	615	1,993	35,919	31,596
White-collar occupations	39.1	881	721	1,965	44,285	36,442
White-collar occupations excluding sales	39.0	862	716	1,957	43,205	36,256
Professional specialty and technical occupations	38.2	972	856	1,844	46,997	41,558
Professional specialty occupations	38.1	1,007	919	1,804	47,628	43,395
Engineers, architects, and surveyors	41.1	1,272	1,229	2,136	66,166	63,927
Electrical and electronic engineers	40.2	1,296	1,195	2,090	67,417	62,153
Industrial engineers	41.7	1,124	1,084	2,171	58,438	56,389
Mechanical engineers	40.2	1,072	1,033	2,088	55,754	53,711
Engineers, N.E.C.	41.8	1,321	1,325	2,172	68,708	68,883
Mathematical and computer scientists	40.4	1,098	1,058	2,098	57,088	54,995
Computer systems analysts and scientists	40.6	1,119	1,069	2,108	58,190	55,598
Operations and systems researchers and analysts	39.6	937	892	2,060	48,704	46,384
Natural scientists	-	-	-	-	-	-
Health related occupations	39.4	889	818	2,038	46,042	42,432
Physicians	45.2	1,668	726	2,351	86,748	37,758
Registered nurses	39.1	829	809	2,035	43,131	42,084
Physical therapists	38.5	972	987	2,004	50,541	51,330
Teachers, college and university	37.3	1,333	1,156	1,722	61,601	51,901
Teachers, post secondary N.E.C.	34.8	1,367	1,050	1,582	62,084	44,811
Teachers, except college and university	34.2	1,053	970	1,356	41,722	40,184
Elementary school teachers	33.8	1,079	999	1,301	41,573	39,296
Secondary school teachers	33.4	1,287	1,241	1,286	49,547	49,499
Teachers, special education	35.5	979	936	1,426	39,401	40,297
Teachers, N.E.C.	36.0	798	798	1,577	34,994	33,840
Vocational and educational counselors	37.9	725	769	1,804	34,530	34,305
Librarians, archivists, and curators	39.4	739	690	1,784	33,455	34,352
Librarians	39.4	756	726	1,724	33,106	32,585
Social scientists and urban planners	38.5	984	886	1,817	46,388	46,072
Psychologists	37.9	962	894	1,713	43,502	39,330
Social, recreation, and religious workers	38.6	586	563	2,006	30,457	29,266
Social workers	38.5	579	563	2,004	30,111	29,266
Lawyers and judges	41.3	1,479	1,009	2,149	76,891	52,492
Lawyers	41.3	1,477	1,000	2,149	76,805	51,986
Writers, authors, entertainers, athletes, and professionals, N.E.C.	39.4	795	736	2,017	40,662	38,103
Designers	38.6	672	673	2,009	34,950	35,006
Editors and reporters	39.9	775	736	2,075	40,275	38,279
Public relations specialists	39.2	857	577	2,039	44,586	29,995
Professional occupations, N.E.C.	39.5	904	830	1,943	44,406	39,998
Technical occupations	38.3	860	736	1,991	44,716	38,293
Clinical laboratory technologists and technicians	40.0	697	660	2,079	36,241	34,320
Radiological technicians	39.8	717	746	2,069	37,294	38,792
Licensed practical nurses	39.8	537	541	2,070	27,921	28,122
Health technologists and technicians, N.E.C.	39.9	533	545	2,073	27,702	28,350
Electrical and electronic technicians	40.0	738	732	2,080	38,352	38,085
Engineering technicians, N.E.C.	39.4	897	883	2,051	46,632	45,891
Drafters	40.1	745	744	2,084	38,756	38,688
Airplane pilots and navigators	23.3	2,157	2,369	1,210	112,139	123,190
Computer programmers	39.9	865	833	2,075	44,957	43,306
Legal assistants	38.3	730	692	1,993	37,980	36,005
Technical and related occupations, N.E.C.	39.3	784	773	2,042	40,794	40,206
Executive, administrative, and managerial occupations ...	40.4	1,172	971	2,092	60,641	50,544
Executives, administrators, and managers	40.9	1,427	1,288	2,111	73,609	65,000
Administrators and officials, public administration	37.5	1,151	1,125	1,948	59,864	58,490
Financial managers	41.0	1,211	1,142	2,130	62,991	59,358
Personnel and labor relations managers	42.2	1,434	1,191	2,196	74,592	61,928
Managers, marketing, advertising and public relations	39.7	1,538	1,546	2,067	79,952	80,392
Administrators, education and related fields	38.9	1,286	1,445	1,834	60,574	59,761
Managers, medicine and health	40.3	1,151	1,069	2,097	59,840	55,576
Managers, service organizations, N.E.C.	38.6	958	823	2,006	49,764	42,770
Managers and administrators, N.E.C.	41.7	1,650	1,385	2,165	85,643	71,112

See footnotes at end of table.

Table A-4. Weekly and annual earnings¹ and hours for selected occupations, full-time workers only², all industries, Chicago-Gary-Kenosha, IL-IN-WI, October 1998 — Continued

Occupation ³	All industries					
	Mean weekly hours ⁴	Weekly earnings		Mean annual hours	Annual earnings	
		Mean	Median		Mean	Median
White-collar occupations (-Continued)						
Executive, administrative, and managerial occupations (-Continued)						
Management related occupations	39.9	\$877	\$783	2,069	\$45,536	\$40,664
Accountants and auditors	39.7	811	775	2,066	42,189	40,310
Other financial officers	39.9	1,115	854	2,073	57,967	44,421
Management analysts	38.9	1,052	1,006	2,022	54,690	52,324
Personnel, training, and labor relations specialists	39.7	893	846	2,027	45,575	41,570
Purchasing agents and buyers, N.E.C.	40.0	926	955	2,080	48,176	49,650
Management related occupations, N.E.C.	39.8	789	710	2,067	41,047	36,941
Sales occupations	39.6	1,087	750	2,060	56,512	38,979
Supervisors, sales occupations	40.8	1,574	774	2,120	81,840	40,248
Securities and financial services sales occupations	39.2	2,410	1,788	2,038	125,332	92,997
Advertising and related sales occupations	41.4	764	700	2,155	39,712	36,408
Sales occupations, other business services	39.7	1,209	952	2,062	62,888	49,525
Sales representatives, mining, manufacturing, and wholesale	39.5	1,301	1,063	2,056	67,643	55,286
Sales workers, motor vehicles and boats	42.9	906	853	2,233	47,117	44,366
Sales workers, other commodities	37.6	398	367	1,956	20,698	19,076
Cashiers	35.8	276	234	1,845	14,251	12,176
Administrative support occupations, including clerical	39.0	529	498	1,989	27,013	25,501
Supervisors, general office	39.6	721	740	2,057	37,467	38,501
Supervisors, financial records processing	38.7	644	630	2,015	33,479	32,760
Supervisors, distribution, scheduling, and adjusting clerks	39.6	763	740	2,057	39,660	38,478
Computer operators	39.4	645	629	2,047	33,551	32,694
Secretaries	38.8	561	562	1,977	28,606	28,995
Typists	38.2	542	507	1,985	28,200	26,354
Receptionists	39.3	439	430	2,041	22,821	22,339
Information clerks, N.E.C.	38.0	471	457	1,978	24,476	23,774
Order clerks	39.6	508	481	2,062	26,427	24,999
Personnel clerks except payroll and timekeeping	39.5	557	485	2,053	28,989	25,230
Library clerks	37.7	441	434	1,961	22,917	22,589
Records clerks, N.E.C.	38.2	506	462	1,989	26,319	24,013
Bookkeepers, accounting and auditing clerks	39.4	479	460	2,046	24,894	23,920
Payroll and timekeeping clerks	39.1	597	597	2,035	31,031	31,054
Billing clerks	38.9	505	481	2,020	26,256	24,999
Mail clerks except postal service	38.4	429	399	1,997	22,314	20,751
Dispatchers	41.1	583	621	2,138	30,337	32,298
Traffic, shipping and receiving clerks	40.0	600	641	1,862	27,949	32,198
Stock and inventory clerks	39.9	531	508	2,076	27,618	26,434
Insurance adjusters, examiners, and investigators	36.8	838	612	1,915	43,553	31,805
Investigators and adjusters except insurance	39.7	697	628	2,062	36,250	32,657
Bill and account collectors	39.9	492	514	1,966	24,237	26,728
General office clerks	38.9	493	465	1,962	24,911	24,003
Bank tellers	38.8	361	340	2,015	18,775	17,680
Data entry keyers	38.9	393	375	1,983	20,030	18,720
Teachers' aides	35.4	410	356	1,431	16,579	14,746
Administrative support occupations, N.E.C.	38.5	571	520	1,986	29,470	27,060
Blue-collar occupations						
Precision production, craft, and repair occupations	40.3	596	568	2,068	30,598	29,037
Supervisors, mechanics and repairers	40.0	808	811	2,076	41,883	42,141
Automobile mechanics	40.0	982	924	2,080	51,042	48,048
Bus, truck, and stationary engine mechanics	40.0	844	791	2,061	43,513	41,059
Heavy equipment mechanics	40.4	723	812	2,100	37,586	42,224
Industrial machinery repairers	39.9	783	753	2,073	40,695	39,166
Electronic repairers, communications and industrial equipment	40.0	697	708	2,082	36,265	36,816
Heating, air conditioning, and refrigeration mechanics	39.5	671	643	1,689	28,667	31,349
Millwrights	40.0	653	687	2,080	33,949	35,737
Mechanics and repairers, N.E.C.	41.8	742	794	2,172	38,575	41,288
	40.0	647	733	2,077	33,620	38,126

See footnotes at end of table.

Table A-4. Weekly and annual earnings¹ and hours for selected occupations, full-time workers only², all industries, Chicago-Gary-Kenosha, IL-IN-WI, October 1998 — Continued

Occupation ³	All industries					
	Mean weekly hours ⁴	Weekly earnings		Mean annual hours	Annual earnings	
		Mean	Median		Mean	Median
Blue-collar occupations (-Continued)						
Precision production, craft, and repair occupations (-Continued)						
Supervisors, construction trades, N.E.C.	36.2	\$992	\$1,032	1,883	\$51,583	\$53,685
Carpenters	39.9	991	962	2,076	51,517	50,024
Electricians	40.5	1,036	1,146	2,107	53,868	59,592
Plumbers, pipefitters and steamfitters	39.0	942	810	2,026	49,001	42,120
Supervisors, production occupations	41.3	880	864	2,150	45,779	44,945
Tool and die makers	40.0	920	966	2,080	47,844	50,211
Machinists	41.1	827	795	2,135	42,988	41,330
Electrical and electronic equipment assemblers ..	40.0	567	478	2,080	29,487	24,833
Inspectors, testers, and graders	40.0	686	682	2,080	35,696	35,485
Stationary engineers	39.9	1,024	1,080	2,077	53,247	56,139
Machine operators, assemblers, and inspectors	40.1	480	432	2,068	24,778	22,352
Punching and stamping press operators	40.0	549	489	2,080	28,552	25,418
Grinding, abrading, buffing, and polishing machine operators	39.0	503	508	2,025	26,155	26,395
Fabricating machine operators, N.E.C.	41.3	571	582	2,071	28,679	30,087
Molding and casting machine operators	40.5	421	360	2,105	21,889	18,720
Packaging and filling machine operators	41.6	522	503	2,161	27,166	26,175
Mixing and blending machine operators	40.5	670	656	2,105	34,847	34,091
Slicing and cutting machine operators	40.0	560	475	2,080	29,114	24,681
Miscellaneous machine operators, N.E.C.	39.3	500	475	2,032	25,871	24,523
Welders and cutters	40.0	683	713	2,080	35,495	37,086
Assemblers	40.0	346	276	2,044	17,700	14,240
Production inspectors, checkers and examiners ..	40.3	479	433	2,095	24,912	22,535
Transportation and material moving occupations	41.7	662	682	2,159	34,233	35,424
Truck drivers	44.6	780	776	2,312	40,404	40,165
Supervisors, material moving equipment	40.0	584	550	2,080	30,356	28,600
Operating engineers	39.9	915	925	2,046	46,901	48,090
Crane and tower operators	40.9	580	515	2,125	30,184	26,770
Industrial truck and tractor equipment operators ..	40.3	488	489	2,093	25,346	25,422
Miscellaneous material moving equipment operators, N.E.C.	40.8	547	706	2,119	28,447	36,712
Handlers, equipment cleaners, helpers, and laborers	40.0	476	441	2,003	23,869	22,640
Groundskeepers and gardeners except farm	40.0	442	456	1,867	20,638	21,740
Supervisors, handlers, equipment cleaners, and laborers, N.E.C.	40.0	701	702	2,078	36,451	36,504
Construction laborers	38.3	682	678	1,958	34,798	35,235
Production helpers	39.9	307	281	2,073	15,961	14,604
Stock handlers and baggers	39.9	416	371	1,853	19,317	18,918
Machine feeders and offbearers	40.0	504	476	2,080	26,215	24,727
Freight, stock, and material handlers, N.E.C.	40.0	654	728	2,079	34,001	37,856
Vehicle washers and equipment cleaners	39.3	361	320	2,044	18,783	16,640
Hand packers and packagers	40.2	363	357	2,061	18,615	18,539
Laborers except construction, N.E.C.	40.0	513	530	1,959	25,120	27,539
Service occupations						
Protective service occupations	40.6	754	812	2,084	38,755	41,953
Firefighting occupations	47.4	996	1,039	2,463	51,814	54,020
Police and detectives, public service	40.1	926	941	2,083	48,178	48,942
Guards and police except public service	38.5	347	305	1,914	17,247	15,637
Food service occupations	38.1	324	316	1,915	16,280	16,309
Waiters and waitresses	35.9	198	188	1,858	10,254	9,776
Cooks	38.8	394	456	1,982	20,123	23,317
Kitchen workers, food preparation	38.9	312	318	2,021	16,200	16,544
Food preparation occupations, N.E.C.	39.5	317	310	2,022	16,217	16,141
Health service occupations	38.6	360	340	1,969	18,376	17,199
Health aides, except nursing	37.6	390	392	1,843	19,123	17,690
Nursing aides, orderlies and attendants	39.0	347	328	2,027	18,034	17,063
Cleaning and building service occupations	39.0	394	356	2,006	20,237	18,514
Supervisors, cleaning and building service workers	39.8	475	447	1,965	23,401	22,171
Maids and housemen	38.5	290	309	2,003	15,073	16,078
Janitors and cleaners	39.0	402	374	2,012	20,775	19,760
Personal service occupations	32.8	420	330	1,664	21,339	16,578

See footnotes at end of table.

Table A-4. Weekly and annual earnings¹ and hours for selected occupations, full-time workers only², all industries, Chicago-Gary-Kenosha, IL-IN-WI, October 1998 — Continued

Occupation ³	All industries					
	Mean weekly hours ⁴	Weekly earnings		Mean annual hours	Annual earnings	
		Mean	Median		Mean	Median
Service occupations (-Continued)						
Personal service occupations (-Continued)						
Welfare service aides	39.0	\$303	\$270	2,029	\$15,782	\$14,047
Early childhood teachers' assistants	37.1	274	251	1,794	13,254	12,681
Child care workers, N.E.C.	38.9	407	421	2,022	21,175	21,894
Service occupations, N.E.C.	38.4	393	356	1,833	18,753	17,714

¹ Earnings are the straight-time wages or salaries paid to employees. They include incentive pay, cost-of-living adjustments, and hazard pay. Excluded are premium pay for overtime, vacations, holidays, nonproduction bonuses, and tips. The mean is computed by totaling the pay of all workers and dividing by the number of workers, weighted by hours. The median designates position—one-half of the workers receive the same as or more, and one-half receive the same as or less than the rate shown.

² Employees are classified as working either a full-time or a part-time schedule based on the definition used by each establishment. Therefore, a worker with a 35-hour-per-week schedule might be considered a full-time employee in one establishment, but classified as part-time in another firm, where a 40-hour week is the minimum full-time schedule.

³ A classification system including about 480 individual occupations is used to cover all workers in the civilian economy. Individual occupations are classified into one of nine major occupational groups.

⁴ Mean weekly hours are the hours an employee is scheduled to work in a

week, exclusive of overtime.

NOTE: Dashes indicate that no data were reported or that data did not meet publication criteria. Overall occupational groups and occupational levels may include data for categories not shown separately. N.E.C. means not elsewhere classified. IN THIS SURVEY, THE NONRESPONSE RATE FOR ALL INDUSTRIES AND PRIVATE INDUSTRY EXCEEDED REGULAR SURVEY STANDARDS FOR PUBLICATION. ACCORDINGLY, USERS SHOULD INTERPRET THESE RESULTS WITH THIS LIMITATION IN MIND.

NOTE: Individual and average wage rates were collected in this update survey. A procedure was put into place to "move" the positional statistics where averages were collected. This procedure compares current locality survey data—at the quote level—with the same quote from the prior survey. Individual rates from the prior survey are moved by the average change in mean wages for the occupation.

Table B-1. Mean hourly earnings¹ by occupational group and levels², all industries, private industry, State and local government, full-time and part-time workers, Chicago-Gary-Kenosha, IL-IN-WI, October 1998

Occupational group ³ and level	All workers ⁴			All industries	
	All industries	Private industry	State and local government	Full-time workers	Part-time workers
All occupations	\$17.47	\$16.74	\$21.60	\$18.44	\$9.63
All occupations excluding sales	17.19	16.36	21.63	18.03	9.94
White-collar occupations	21.74	21.31	23.75	22.53	13.26
Level 1	7.66	7.68	7.37	8.75	6.92
Level 2	9.02	8.70	11.00	9.57	7.60
Level 3	10.52	10.42	11.09	11.05	8.70
Level 4	12.88	12.66	14.19	13.16	9.06
Level 5	16.51	16.71	15.41	16.74	13.71
Level 6	16.63	16.35	18.11	16.59	17.79
Level 7	19.38	18.72	22.32	19.49	17.21
Level 8	21.22	19.49	27.62	21.33	20.06
Level 9	26.42	23.82	31.61	26.46	25.65
Level 10	27.92	28.47	22.39	27.83	—
Level 11	34.36	34.92	28.73	34.58	26.08
Level 12	37.85	37.88	37.65	37.84	—
Level 13	76.86	79.54	50.87	77.74	—
Level 14	59.46	60.91	—	59.46	—
Level 15	88.50	88.50	—	88.50	—
Not able to be leveled	24.78	25.22	23.04	25.20	20.62
White-collar occupations excluding sales	21.64	21.12	23.81	22.08	15.69
Level 1	8.65	8.74	7.55	9.55	7.76
Level 2	9.50	9.16	11.00	9.61	8.99
Level 3	10.81	10.76	11.06	11.10	9.04
Level 4	12.77	12.50	14.20	12.89	10.52
Level 5	15.26	15.23	15.41	15.38	13.86
Level 6	16.79	16.52	18.11	16.75	17.79
Level 7	18.82	17.94	22.32	18.92	17.21
Level 8	21.27	19.43	27.62	21.38	20.06
Level 9	25.55	22.27	31.61	25.54	25.65
Level 10	28.00	28.68	22.39	27.90	—
Level 11	33.56	34.10	28.73	33.79	26.08
Level 12	36.95	36.84	37.65	36.94	—
Level 13	61.32	62.52	50.87	61.42	—
Level 14	59.63	61.11	—	59.63	—
Level 15	88.50	88.50	—	88.50	—
Not able to be leveled	25.08	25.61	23.04	25.54	20.62
Professional specialty and technical occupations	25.16	23.85	28.82	25.48	21.61
Professional specialty occupations	26.05	24.48	29.27	26.41	22.32
Level 5	13.93	15.57	10.70	14.57	10.80
Level 6	16.94	15.85	18.58	16.87	17.60
Level 7	21.03	18.34	25.89	21.32	18.00
Level 8	22.64	19.53	29.78	23.05	20.22
Level 9	27.31	21.60	32.82	27.46	25.61
Level 10	25.09	25.96	17.44	25.12	—
Level 11	29.54	29.95	27.19	29.75	26.08
Level 12	35.48	35.45	—	35.45	—
Level 13	54.53	54.17	—	53.33	—
Not able to be leveled	27.73	28.49	17.36	28.80	23.12
Engineers, architects, and surveyors	30.98	30.95	—	30.98	—
Level 9	26.85	26.89	—	26.85	—
Level 10	29.67	29.05	—	29.67	—
Level 11	32.12	32.12	—	32.12	—
Mathematical and computer scientists	27.26	27.36	—	27.21	—
Level 9	23.57	23.57	—	23.43	—
Level 10	28.89	28.89	—	28.89	—
Level 11	30.08	30.08	—	30.01	—
Level 12	37.14	37.14	—	37.14	—
Natural scientists	—	—	—	—	—
Health related occupations	22.51	21.70	28.25	22.59	22.26
Level 6	18.87	18.96	—	19.31	17.99
Level 7	20.14	19.48	—	20.33	19.29
Level 8	21.40	20.49	—	21.77	20.30
Level 9	22.80	21.36	32.85	22.59	23.55

See footnotes at end of table.

Table B-1. Mean hourly earnings¹ by occupational group and levels², all industries, private industry, State and local government, full-time and part-time workers, Chicago-Gary-Kenosha, IL-IN-WI, October 1998 — Continued

Occupational group ³ and level	All workers ⁴			All industries	
	All industries	Private industry	State and local government	Full-time workers	Part-time workers
White-collar occupations (-Continued)					
Health related occupations (-Continued)					
Level 11	\$23.84	\$23.84	—	\$23.56	—
Teachers, college and university	35.01	37.16	\$31.52	35.77	\$21.68
Level 11	35.92	42.39	30.06	36.04	—
Level 12	33.66	32.81	—	33.66	—
Level 13	40.66	40.66	—	40.66	—
Teachers, except college and university	30.24	19.19	31.69	30.76	22.57
Level 5	12.38	—	—	—	—
Level 6	18.81	15.59	—	19.03	—
Level 7	26.34	21.54	26.64	26.93	—
Level 8	35.10	—	35.85	35.60	—
Level 9	32.34	22.25	33.29	32.67	27.53
Librarians, archivists, and curators	18.66	17.92	18.84	18.76	17.82
Level 8	17.81	—	17.57	17.81	—
Level 9	20.37	—	—	20.37	—
Social scientists and urban planners	25.18	18.85	—	25.53	—
Level 9	26.35	—	—	26.35	—
Social, religious, and recreation workers	15.27	14.61	17.16	15.19	17.08
Level 6	15.37	11.88	—	15.38	—
Level 7	14.80	14.86	—	14.80	—
Level 8	14.87	—	—	14.87	—
Level 9	15.35	15.35	—	15.30	—
Level 11	19.41	—	—	—	—
Lawyers and judges	35.78	45.41	22.28	35.78	—
Writers, authors, entertainers, athletes, and professionals, N.E.C.	20.23	20.36	16.66	20.16	20.91
Level 9	21.06	21.08	—	20.12	—
Not able to be leveled	18.85	19.71	—	21.50	—
Technical occupations	22.19	22.34	19.31	22.46	18.77
Level 4	13.29	13.25	—	13.33	—
Level 5	14.88	14.74	17.21	15.11	13.42
Level 6	17.80	17.82	—	17.86	—
Level 7	18.23	18.20	—	17.95	20.81
Level 8	20.71	20.58	—	20.74	—
Level 9	22.57	22.77	—	22.16	—
Level 11	93.89	93.89	—	93.89	—
Not able to be leveled	19.16	18.74	—	—	—
Executive, administrative, and managerial occupations ...	28.97	29.43	26.38	28.99	26.00
Level 5	14.48	14.38	—	14.48	—
Level 6	16.59	16.15	18.83	16.59	—
Level 7	18.06	18.12	17.50	18.06	—
Level 8	19.57	18.62	23.05	19.60	—
Level 9	23.19	22.91	25.13	23.22	—
Level 10	30.44	31.09	—	30.25	—
Level 11	31.04	30.89	33.55	31.04	—
Level 12	37.99	38.09	37.62	37.99	—
Level 13	57.13	57.93	—	57.14	—
Level 14	58.12	59.52	—	58.12	—
Level 15	91.51	91.51	—	91.51	—
Not able to be leveled	31.67	36.22	24.77	31.73	—
Executives, administrators, and managers	34.85	35.30	32.01	34.87	32.24
Level 7	17.74	17.72	—	17.74	—
Level 8	21.01	20.84	—	21.01	—
Level 9	22.89	22.46	25.63	22.96	—
Level 10	29.82	29.90	—	29.51	—
Level 11	31.30	31.13	33.55	31.30	—
Level 12	38.59	38.91	37.62	38.59	—
Level 13	58.22	59.25	—	58.24	—
Level 14	58.07	59.67	—	58.07	—
Level 15	91.51	91.51	—	91.51	—
Not able to be leveled	40.86	48.62	—	40.88	—
Management related occupations	21.98	22.19	20.98	22.00	—
Level 5	14.48	14.38	—	14.48	—

See footnotes at end of table.

Table B-1. Mean hourly earnings¹ by occupational group and levels², all industries, private industry, State and local government, full-time and part-time workers, Chicago-Gary-Kenosha, IL-IN-WI, October 1998 — Continued

Occupational group ³ and level	All workers ⁴			All industries	
	All industries	Private industry	State and local government	Full-time workers	Part-time workers
White-collar occupations (-Continued)					
Management related occupations (-Continued)					
Level 6	\$16.88	\$16.44	\$18.83	\$16.88	—
Level 7	18.17	18.26	—	18.17	—
Level 8	18.97	17.60	23.37	19.00	—
Level 9	23.50	23.37	—	23.50	—
Level 10	31.62	34.54	—	31.62	—
Level 11	30.13	30.13	—	30.13	—
Not able to be leveled	21.25	23.22	—	21.29	—
Sales occupations	22.57	22.65	9.23	27.43	\$7.22
Level 1	6.28	6.24	—	6.70	6.13
Level 2	7.54	7.54	—	9.28	—
Level 3	9.03	8.97	—	10.32	8.31
Level 4	13.71	13.72	—	15.69	—
Level 5	24.93	24.93	—	25.83	—
Level 6	14.55	14.55	—	14.55	—
Level 7	24.63	24.63	—	24.63	—
Level 8	20.37	20.37	—	20.37	—
Level 9	43.50	43.50	—	43.50	—
Level 10	27.49	27.49	—	27.49	—
Level 11	42.77	42.77	—	42.77	—
Administrative support occupations, including clerical	13.23	13.15	13.66	13.58	9.82
Level 1	8.65	8.74	7.55	9.55	7.76
Level 2	9.52	9.18	11.00	9.64	8.99
Level 3	10.84	10.79	11.06	11.11	9.19
Level 4	12.72	12.41	14.24	12.85	10.46
Level 5	15.63	15.47	16.40	15.68	14.97
Level 6	16.34	16.39	15.89	16.28	—
Level 7	17.12	17.26	16.54	17.40	—
Level 8	19.97	19.99	—	19.97	—
Level 9	21.68	21.68	—	21.68	—
Not able to be leveled	12.89	12.94	—	12.98	—
Blue-collar occupations					
Level 1	7.88	7.66	15.40	8.14	6.37
Level 2	10.83	10.49	15.99	11.17	7.99
Level 3	13.91	13.59	19.44	14.35	9.66
Level 4	15.31	15.29	15.74	15.41	—
Level 5	16.28	16.20	17.06	16.53	—
Level 6	18.95	18.82	21.13	18.95	—
Level 7	21.92	21.54	25.03	21.92	—
Level 8	24.78	24.58	—	24.78	—
Level 9	24.68	24.68	—	24.68	—
Precision production, craft, and repair occupations	20.13	19.80	23.36	20.18	—
Level 4	15.06	15.03	—	15.06	—
Level 5	16.09	15.78	17.52	16.34	—
Level 6	19.16	18.87	21.13	19.16	—
Level 7	22.50	22.04	25.97	22.50	—
Level 8	24.94	24.76	—	24.94	—
Level 9	24.68	24.68	—	24.68	—
Machine operators, assemblers, and inspectors	11.93	11.93	—	11.98	8.32
Level 1	7.33	7.31	—	7.31	—
Level 2	10.42	10.42	—	10.44	—
Level 3	14.01	14.01	—	14.01	—
Level 4	15.11	15.11	—	15.11	—
Level 5	16.18	16.18	—	16.23	—
Level 6	16.38	16.38	—	16.38	—
Level 7	19.62	19.62	—	19.62	—
Transportation and material moving occupations	15.00	14.55	17.85	15.86	10.06
Level 1	6.94	6.94	—	—	—
Level 2	12.19	10.48	—	14.09	7.66
Level 3	13.89	11.98	—	14.51	—
Level 4	15.66	15.67	—	16.02	—
Level 5	16.95	16.96	—	17.86	—

See footnotes at end of table.

Table B-1. Mean hourly earnings¹ by occupational group and levels², all industries, private industry, State and local government, full-time and part-time workers, Chicago-Gary-Kenosha, IL-IN-WI, October 1998 — Continued

Occupational group ³ and level	All workers ⁴			All industries	
	All industries	Private industry	State and local government	Full-time workers	Part-time workers
Blue-collar occupations (-Continued)					
Transportation and material moving occupations (-Continued)					
Level 6	\$20.46	\$20.46	—	\$20.46	—
Level 7	18.96	18.88	—	18.96	—
Handlers, equipment cleaners, helpers, and laborers	10.97	10.68	\$15.13	11.92	\$7.10
Level 1	8.54	8.14	15.80	9.30	6.25
Level 2	10.65	10.54	—	11.27	—
Level 3	13.85	13.80	—	14.92	9.35
Level 4	15.73	15.70	—	15.86	—
Level 5	15.78	15.72	—	15.80	—
Level 7	19.16	—	—	19.16	—
Service occupations					
Level 1	10.75	8.53	17.93	12.07	6.80
Level 2	7.02	6.83	10.16	8.10	5.95
Level 3	7.47	7.25	10.03	7.78	6.72
Level 4	9.03	8.02	13.54	9.36	7.58
Level 5	10.83	10.88	10.40	11.31	7.65
Level 6	18.25	19.34	16.39	19.57	10.58
Level 7	16.54	13.29	18.59	16.90	—
Level 8	17.85	13.59	19.14	17.98	14.10
Level 9	22.92	—	23.34	23.00	—
Level 10	24.78	—	—	24.78	—
Level 10	30.28	—	30.28	30.28	—
Protective service occupations	17.26	8.70	21.12	18.60	8.57
Level 1	10.08	—	—	—	—
Level 2	7.01	7.01	—	—	—
Level 3	10.55	—	—	11.26	7.98
Level 4	9.29	9.32	9.22	—	7.81
Level 5	15.58	—	17.67	16.97	10.98
Level 6	18.85	—	19.01	19.51	—
Level 7	19.66	—	19.86	19.93	14.10
Level 8	23.43	—	23.43	23.43	—
Level 10	30.28	—	30.28	30.28	—
Food service occupations	7.49	7.46	8.53	8.50	5.71
Level 1	5.75	5.73	—	6.39	5.43
Level 2	6.55	6.56	—	6.99	5.91
Level 3	7.10	7.05	—	7.47	5.64
Level 4	9.93	—	—	—	—

See footnotes at end of table.

Table B-1. Mean hourly earnings¹ by occupational group and levels², all industries, private industry, State and local government, full-time and part-time workers, Chicago-Gary-Kenosha, IL-IN-WI, October 1998 — Continued

Occupational group ³ and level	All workers ⁴			All industries	
	All industries	Private industry	State and local government	Full-time workers	Part-time workers
Service occupations (-Continued)					
Health service occupations	\$9.28	\$8.64	\$12.64	\$9.33	\$8.98
Level 1	7.63	7.23	—	7.79	—
Level 2	7.91	7.73	—	7.88	8.16
Level 3	9.89	9.13	—	9.88	10.02
Level 4	10.34	9.70	—	10.54	9.35
Cleaning and building service occupations	9.79	8.95	13.25	10.09	7.75
Level 1	8.49	8.16	13.45	8.79	7.19
Level 2	9.76	9.27	11.49	9.81	9.40
Level 3	11.71	9.15	14.37	11.90	—
Level 6	11.69	—	—	11.69	—
Personal service occupations	10.60	10.78	9.38	12.82	7.25
Level 1	6.47	6.22	7.74	—	6.40
Level 2	6.95	6.66	8.33	6.93	6.99
Level 3	8.65	8.57	—	8.68	8.57
Level 4	17.67	—	—	—	—

¹ Earnings are the straight-time hourly wages or salaries paid to employees. They include incentive pay, cost-of-living adjustments, and hazard pay. Excluded are premium pay for overtime, vacations, holidays, nonproduction bonuses, and tips. The mean is computed by totaling the pay of all workers and dividing by the number of workers, weighted by hours.

² Each occupation for which wage data are collected in an establishment is evaluated based on 10 factors, including knowledge, complexity, work environment, etc. Points are assigned based on the occupation's ranking within each factor. The points are summed to determine the overall level of the occupation. See technical note for more information.

³ A classification system including about 480 individual occupations is used to cover all workers in the civilian economy. Individual occupations are classified into one of nine major occupational groups.

⁴ All workers include full-time and part-time workers. Employees are classified as working either a full-time or a part-time schedule based on the definition used by each establishment. Therefore, a worker with a 35-hour-per-week schedule might be considered a

full-time employee in one establishment, but classified as part-time in another firm, where a 40-hour week is the minimum full-time schedule.

NOTE: Dashes indicate that no data were reported or that data did not meet publication criteria. Overall occupational groups and occupational levels may include data for categories not shown separately. N.E.C. means not elsewhere classified. IN THIS SURVEY, THE NONRESPONSE RATE FOR ALL INDUSTRIES AND PRIVATE INDUSTRY EXCEEDED REGULAR SURVEY STANDARDS FOR PUBLICATION. ACCORDINGLY, USERS SHOULD INTERPRET THESE RESULTS WITH THIS LIMITATION IN MIND.

NOTE: Individual and average wage rates were collected in this update survey. A procedure was put into place to "move" the positional statistics where averages were collected. This procedure compares current locality survey data—at the quote level—with the same quote from the prior survey. Individual rates from the prior survey are moved by the average change in mean wages for the occupation.

Table B-2. Mean hourly earnings¹ for selected occupations and levels², all industries, private industry, State and local government, full-time and part-time workers, Chicago-Gary-Kenosha, IL-IN-WI, October 1998

Occupation ³ and level	All workers ⁴			All industries	
	All industries	Private industry	State and local government	Full-time workers	Part-time workers
White-collar occupations:					
Professional specialty and technical occupations:					
Professional specialty occupations:					
Electrical and electronic engineers	\$32.26	\$32.26	—	\$32.26	—
Level 11	34.17	34.17	—	34.17	—
Industrial engineers	26.92	26.92	—	26.92	—
Mechanical engineers	26.70	26.41	—	26.70	—
Engineers, N.E.C.	31.63	31.75	—	31.63	—
Computer systems analysts and scientists	27.65	27.78	—	27.60	—
Level 9	24.02	24.02	—	23.85	—
Level 10	28.80	28.80	—	28.80	—
Level 11	30.33	30.33	—	30.26	—
Operations and systems researchers and analysts	23.65	23.65	—	23.65	—
Physicians	40.28	50.10	—	36.89	—
Registered nurses	21.12	20.38	\$27.29	21.19	\$20.89
Level 6	19.17	19.16	—	19.89	—
Level 7	20.04	19.26	—	—	19.05
Level 8	21.22	20.19	—	21.53	20.34
Level 9	21.41	20.65	—	20.68	23.49
Level 11	26.01	26.01	—	—	—
Pharmacists	27.42	27.42	—	—	—
Respiratory therapists	17.58	17.64	—	—	—
Occupational therapists	25.92	24.11	—	—	—
Physical therapists	25.24	25.24	—	25.22	—
Speech therapists	29.71	21.77	—	—	—
Teachers, post secondary N.E.C.	38.80	46.83	29.35	39.24	—
Level 11	40.85	—	27.26	40.95	—
Elementary school teachers	32.05	21.76	32.57	31.95	—
Level 9	35.13	—	35.71	35.18	—
Secondary school teachers	38.48	23.49	—	38.53	—
Level 9	36.57	—	—	—	—
Teachers, special education	27.62	—	—	27.62	—
Teachers, N.E.C.	21.55	18.37	22.12	22.19	16.70
Level 8	18.21	—	18.21	—	—
Level 9	22.92	—	23.23	23.13	—
Vocational and educational counselors	19.13	16.47	22.35	19.14	—
Librarians	18.98	17.92	19.34	19.21	15.01
Level 8	18.68	—	18.41	—	—
Level 9	20.37	—	—	20.37	—
Psychologists	25.08	—	—	25.40	—
Social workers	15.25	14.53	17.22	15.03	21.73
Level 6	15.37	11.88	—	15.38	—
Level 7	14.80	14.86	—	14.80	—
Level 8	14.87	—	—	14.87	—
Level 9	14.44	14.43	—	14.36	—
Level 11	19.76	19.76	—	—	—
Lawyers	35.73	45.41	21.98	35.73	—
Designers	17.39	17.39	—	17.39	—
Editors and reporters	19.40	19.41	—	19.41	—
Public relations specialists	23.21	23.47	—	21.87	—
Level 9	23.27	23.27	—	—	—
Technical occupations:					
Clinical laboratory technologists and technicians	17.69	17.72	—	17.43	18.79
Level 8	20.00	20.00	—	—	—
Level 9	21.62	21.62	—	21.53	—
Radiological technicians	18.31	18.39	—	18.02	19.45
Level 5	15.25	15.25	—	—	—
Level 7	21.17	21.17	—	—	—
Licensed practical nurses	13.35	13.32	—	13.49	12.75
Level 5	13.06	12.97	—	—	—
Level 7	14.08	14.08	—	—	—
Health technologists and technicians, N.E.C.	13.24	13.19	—	13.36	12.02
Level 4	11.86	11.58	—	11.85	—
Level 5	10.31	10.17	—	—	—

See footnotes at end of table.

Table B-2. Mean hourly earnings¹ for selected occupations and levels², all industries, private industry, State and local government, full-time and part-time workers, Chicago-Gary-Kenosha, IL-IN-WI, October 1998 — Continued

Occupation ³ and level	All workers ⁴			All industries	
	All industries	Private industry	State and local government	Full-time workers	Part-time workers
White-collar occupations: (-Continued)					
Technical occupations: (-Continued)					
Electrical and electronic technicians	\$18.42	\$18.44	—	\$18.44	—
Engineering technicians, N.E.C.	22.73	23.90	—	22.73	—
Drafters	18.60	18.60	—	18.60	—
Airplane pilots and navigators	92.64	92.64	—	92.64	—
Computer programmers	22.05	21.99	—	21.66	—
Level 9	23.07	23.07	—	22.01	—
Legal assistants	19.06	19.60	—	19.06	—
Technical and related occupations, N.E.C.	19.95	19.91	—	19.98	—
Level 9	21.58	21.58	—	21.58	—
Executive, administrative, and managerial occupations:					
Administrators and officials, public administration	30.73	—	\$30.08	30.74	—
Financial managers	29.58	29.58	—	29.58	—
Level 9	19.36	19.36	—	19.36	—
Level 10	25.60	25.60	—	25.60	—
Level 11	31.29	31.30	—	31.29	—
Level 12	37.01	37.01	—	37.01	—
Personnel and labor relations managers	33.97	34.03	—	33.97	—
Managers, marketing, advertising and public relations	38.69	38.69	—	38.69	—
Level 12	47.70	47.91	—	47.70	—
Administrators, education and related fields	32.73	22.79	37.17	33.03	—
Level 9	16.75	—	—	16.80	—
Level 11	27.75	—	—	27.75	—
Level 12	40.19	—	—	40.19	—
Managers, medicine and health	28.66	28.98	—	28.53	—
Level 11	28.20	28.20	—	28.20	—
Managers, service organizations, N.E.C.	24.81	25.34	—	24.81	—
Level 9	17.18	—	—	17.18	—
Managers and administrators, N.E.C.	39.55	40.20	29.46	39.55	—
Level 8	22.89	23.76	—	22.89	—
Level 9	24.28	24.46	—	24.28	—
Level 10	33.23	33.23	—	32.84	—
Level 11	33.08	32.86	—	33.08	—
Level 12	40.16	41.34	—	40.16	—
Level 13	67.73	67.73	—	67.73	—
Level 15	91.51	91.51	—	91.51	—
Accountants and auditors	20.42	20.00	21.92	20.42	—
Level 6	18.44	19.03	—	18.44	—
Level 7	18.06	17.94	—	18.06	—
Level 8	17.87	17.31	—	17.87	—
Level 9	21.74	21.01	—	21.74	—
Other financial officers	27.96	28.03	—	27.96	—
Level 6	17.66	17.66	—	17.66	—
Level 9	23.38	23.38	—	23.38	—
Management analysts	27.04	27.50	—	27.04	—
Level 9	27.44	—	—	27.44	—
Personnel, training, and labor relations specialists	22.48	22.52	—	22.48	—
Level 11	37.40	37.40	—	37.40	—
Purchasing agents and buyers, N.E.C.	23.16	23.08	—	23.16	—
Management related occupations, N.E.C.	19.82	19.95	19.05	19.86	—
Level 6	17.49	—	—	17.49	—
Level 7	17.20	—	—	17.20	—
Level 8	17.33	17.18	—	17.30	—
Level 9	21.89	21.92	—	21.89	—
Not able to be leveled	21.96	—	—	22.02	—
Sales occupations:					
Supervisors, sales occupations	38.60	38.60	—	38.60	—
Level 9	25.09	25.09	—	25.09	—
Securities and financial services sales occupations	61.48	61.48	—	61.48	—
Advertising and related sales occupations	18.35	18.35	—	18.42	—
Sales occupations, other business services	30.50	30.50	—	30.50	—

See footnotes at end of table.

Table B-2. Mean hourly earnings¹ for selected occupations and levels², all industries, private industry, State and local government, full-time and part-time workers, Chicago-Gary-Kenosha, IL-IN-WI, October 1998 — Continued

Occupation ³ and level	All workers ⁴			All industries	
	All industries	Private industry	State and local government	Full-time workers	Part-time workers
White-collar occupations: (-Continued)					
Sales occupations: (-Continued)					
Sales representatives, mining, manufacturing, and wholesale	\$32.91	\$32.91	—	\$32.91	—
Level 10	27.14	27.14	—	27.14	—
Sales workers, motor vehicles and boats	21.10	21.10	—	21.10	—
Sales workers, other commodities	9.08	9.09	—	10.58	\$7.35
Level 1	6.21	6.12	—	—	—
Level 3	8.39	8.39	—	—	—
Level 4	7.69	7.69	—	—	—
Cashiers	7.80	7.71	—	7.72	7.82
Level 1	6.08	6.00	—	—	5.71
Level 2	6.92	6.92	—	—	—
Level 3	8.88	8.71	—	—	8.88
Administrative support occupations, including clerical:					
Supervisors, general office	18.20	17.99	—	18.21	—
Supervisors, financial records processing	16.62	16.66	—	16.62	—
Supervisors, distribution, scheduling, and adjusting clerks	19.28	18.75	—	19.28	—
Computer operators	16.30	15.44	—	16.39	—
Level 4	13.92	—	—	—	—
Level 7	18.16	—	—	18.16	—
Secretaries	14.34	14.68	\$12.92	14.47	12.70
Level 3	10.97	11.27	10.02	11.65	—
Level 4	12.84	12.98	12.43	12.90	12.01
Level 5	15.57	15.70	—	15.64	—
Level 6	15.33	15.37	—	14.90	—
Level 7	18.31	18.19	—	18.31	—
Typists	13.37	13.79	—	14.20	—
Level 3	11.49	—	—	—	—
Transportation ticket and reservation agents	11.08	11.08	—	—	—
Receptionists	10.76	10.59	12.34	11.18	9.57
Level 1	8.41	—	—	—	8.32
Level 2	9.61	9.66	—	—	8.21
Level 3	10.53	10.61	—	10.70	9.05
Level 4	12.49	—	—	—	—
Information clerks, N.E.C.	12.33	12.11	—	12.38	—
Level 3	11.41	—	—	—	—
Order clerks	12.79	12.79	—	12.82	—
Level 3	11.47	11.47	—	11.54	—
Level 4	11.88	11.89	—	11.89	—
Level 5	18.19	18.19	—	18.19	—
Personnel clerks except payroll and timekeeping	14.12	13.82	—	14.12	—
Library clerks	10.80	11.03	10.58	11.69	9.46
Level 1	7.56	—	7.66	—	7.39
Level 2	7.82	—	8.28	—	7.39
Level 3	9.00	—	8.95	—	8.70
Level 4	11.42	—	11.78	11.49	—
Level 5	14.72	—	—	—	—
Records clerks, N.E.C.	13.05	11.98	17.97	13.23	—
Level 3	10.26	10.32	—	10.12	—
Level 4	15.49	12.75	—	15.66	—
Bookkeepers, accounting and auditing clerks	12.00	11.99	12.41	12.17	—
Level 2	9.71	9.47	—	10.01	—
Level 3	11.79	11.79	—	11.79	—
Level 4	11.88	11.87	—	11.92	—
Level 5	12.86	12.99	—	12.86	—
Payroll and timekeeping clerks	15.15	14.76	—	15.25	—
Billing clerks	12.65	12.65	—	13.00	—
Telephone operators	8.92	—	—	—	—
Mail clerks except postal service	10.82	10.82	—	11.17	—
Dispatchers	13.88	14.27	13.45	14.19	—
Traffic, shipping and receiving clerks	15.01	15.01	—	15.01	—
Level 4	16.07	16.07	—	16.07	—
Stock and inventory clerks	12.31	12.26	—	13.30	—

See footnotes at end of table.

Table B-2. Mean hourly earnings¹ for selected occupations and levels², all industries, private industry, State and local government, full-time and part-time workers, Chicago-Gary-Kenosha, IL-IN-WI, October 1998 — Continued

Occupation ³ and level	All workers ⁴			All industries	
	All industries	Private industry	State and local government	Full-time workers	Part-time workers
White-collar occupations: (-Continued)					
Administrative support occupations, including clerical: (-Continued)					
Stock and inventory clerks (-Continued)					
Level 3	\$10.14	\$10.14	—	\$10.92	—
Level 4	12.17	12.17	—	—	—
Insurance adjusters, examiners, and investigators	22.74	22.74	—	22.74	—
Investigators and adjusters except insurance	17.58	17.58	—	17.58	—
Bill and account collectors	12.09	11.98	—	12.33	—
General office clerks	12.30	11.70	\$13.61	12.70	\$9.94
Level 2	9.26	9.19	—	9.00	—
Level 3	10.48	9.98	11.30	10.68	—
Level 4	13.40	12.45	15.14	13.49	—
Level 5	14.56	12.96	—	14.30	—
Bank tellers	8.78	8.78	—	9.32	7.42
Level 3	9.01	9.01	—	—	—
Data entry keyers	10.02	9.88	—	10.10	8.30
Level 2	9.03	8.84	—	9.05	—
Level 3	11.88	11.81	—	12.18	—
Teachers' aides	11.03	10.25	11.20	11.59	8.32
Level 4	10.66	—	—	—	—
Administrative support occupations, N.E.C.	14.67	15.10	13.00	14.84	12.38
Level 3	10.84	—	—	—	—
Level 4	13.93	14.20	—	14.25	—
Level 5	14.97	—	—	—	—
Level 6	19.40	19.92	—	19.40	—
Level 7	15.48	—	—	15.48	—
Professional occupations, N.E.C.	22.67	22.61	—	22.85	—
Blue-collar occupations:					
Precision production, craft, and repair occupations:					
Supervisors, mechanics and repairers	24.54	25.02	—	24.54	—
Automobile mechanics	21.11	21.12	—	21.11	—
Level 7	17.64	17.44	—	17.64	—
Bus, truck, and stationary engine mechanics	17.90	17.70	—	17.90	—
Heavy equipment mechanics	19.63	—	—	19.63	—
Industrial machinery repairers	17.42	17.42	—	17.42	—
Level 7	19.08	19.08	—	19.08	—
Electronic repairers, communications and industrial equipment	16.97	16.97	—	16.97	—
Heating, air conditioning, and refrigeration mechanics	16.32	—	—	16.32	—
Millwrights	17.76	17.76	—	17.76	—
Mechanics and repairers, N.E.C.	15.79	14.87	—	16.18	—
Level 7	18.52	—	—	18.52	—
Supervisors, construction trades, N.E.C.	27.40	27.42	—	27.40	—
Carpenters	24.82	—	—	24.82	—
Level 7	24.82	—	—	24.82	—
Electricians	25.56	24.46	—	25.56	—
Level 7	27.20	26.63	—	27.20	—
Plumbers, pipefitters and steamfitters	24.19	—	—	24.19	—
Level 7	25.20	—	—	25.20	—
Supervisors, production occupations	21.29	21.29	—	21.29	—
Level 7	22.21	22.21	—	22.21	—
Level 8	23.53	23.53	—	23.53	—
Tool and die makers	23.00	23.00	—	23.00	—
Machinists	20.13	19.69	—	20.13	—
Level 7	18.61	17.86	—	18.61	—
Electrical and electronic equipment assemblers ..	14.18	14.18	—	14.18	—
Inspectors, testers, and graders	17.16	17.16	—	17.16	—
Stationary engineers	25.63	—	—	25.63	—
Level 7	26.31	—	—	26.31	—
Machine operators, assemblers, and inspectors:					
Punching and stamping press operators	13.73	13.73	—	13.73	—

See footnotes at end of table.

Table B-2. Mean hourly earnings¹ for selected occupations and levels², all industries, private industry, State and local government, full-time and part-time workers, Chicago-Gary-Kenosha, IL-IN-WI, October 1998 — Continued

Occupation ³ and level	All workers ⁴			All industries	
	All industries	Private industry	State and local government	Full-time workers	Part-time workers
Blue-collar occupations: (-Continued)					
Machine operators, assemblers, and inspectors:					
(-Continued)					
Punching and stamping press operators					
(-Continued)					
Level 4	\$14.00	\$14.00	—	\$14.00	—
Grinding, abrading, buffing, and polishing machine operators	12.51	12.51	—	12.91	—
Fabricating machine operators, N.E.C.	13.85	13.85	—	13.85	—
Level 4	14.61	14.61	—	14.61	—
Molding and casting machine operators	10.40	10.40	—	10.40	—
Level 1	7.72	7.72	—	7.72	—
Laundering and dry cleaning machine operators					
Level 1	7.93	—	—	—	—
Packaging and filling machine operators	12.61	12.61	—	12.57	—
Mixing and blending machine operators	16.52	16.52	—	16.55	—
Slicing and cutting machine operators	14.00	14.00	—	14.00	—
Miscellaneous machine operators, N.E.C.	12.73	12.73	—	12.73	—
Level 2	9.75	9.75	—	9.75	—
Level 3	10.48	10.48	—	10.48	—
Level 4	17.43	17.43	—	17.43	—
Level 5	16.06	16.06	—	16.06	—
Welders and cutters	17.07	17.07	—	17.07	—
Level 4	18.29	18.29	—	18.29	—
Assemblers	8.62	8.62	—	8.66	—
Level 1	6.82	6.82	—	6.81	—
Level 2	10.76	10.76	—	10.78	—
Production inspectors, checkers and examiners ..	11.89	11.89	—	11.89	—
Level 3	10.05	10.05	—	10.05	—
Level 4	11.43	11.43	—	11.43	—
Transportation and material moving occupations:					
Truck drivers	17.39	16.95	\$20.28	17.48	—
Level 3	16.48	—	—	16.54	—
Level 4	17.74	17.61	—	17.85	—
Level 5	19.39	19.44	—	19.39	—
Bus drivers	13.33	11.06	—	—	\$11.41
Level 2	14.41	—	—	—	—
Supervisors, material moving equipment	14.59	14.59	—	14.59	—
Operating engineers	22.93	22.76	—	22.93	—
Crane and tower operators	14.20	14.20	—	14.20	—
Industrial truck and tractor equipment operators ..	12.12	12.12	—	12.11	—
Level 2	11.71	11.71	—	11.68	—
Level 3	13.54	13.54	—	13.54	—
Level 4	13.72	13.72	—	13.72	—
Miscellaneous material moving equipment operators, N.E.C.	13.42	13.42	—	13.42	—
Handlers, equipment cleaners, helpers, and laborers:					
Groundskeepers and gardeners except farm	10.46	10.76	9.73	11.06	—
Level 1	7.03	—	—	—	—
Supervisors, handlers, equipment cleaners, and laborers, N.E.C.	17.54	—	—	17.54	—
Construction laborers	17.77	17.56	—	17.77	—
Production helpers	7.70	7.70	—	7.70	—
Level 1	7.44	7.44	—	7.44	—
Stock handlers and baggers	9.21	9.15	—	10.43	7.04
Level 1	7.00	7.00	—	7.53	6.66
Level 2	10.10	10.10	—	10.10	—
Level 3	9.33	9.33	—	10.23	—
Machine feeders and offbearers	12.60	12.60	—	12.60	—
Freight, stock, and material handlers, N.E.C.	14.61	14.56	—	16.36	9.40
Level 1	12.98	12.17	—	—	—
Level 3	16.43	16.43	—	—	—
Level 4	17.29	17.29	—	—	—
Vehicle washers and equipment cleaners	8.98	8.98	—	9.19	—

See footnotes at end of table.

Table B-2. Mean hourly earnings¹ for selected occupations and levels², all industries, private industry, State and local government, full-time and part-time workers, Chicago-Gary-Kenosha, IL-IN-WI, October 1998 — Continued

Occupation ³ and level	All workers ⁴			All industries	
	All industries	Private industry	State and local government	Full-time workers	Part-time workers
Blue-collar occupations: (-Continued)					
Handlers, equipment cleaners, helpers, and laborers: (-Continued)					
Hand packers and packagers	\$9.02	\$9.02	—	\$9.03	—
Level 1	8.58	8.58	—	8.58	—
Laborers except construction, N.E.C.	10.47	9.38	\$15.95	12.82	—
Level 1	9.06	7.73	18.14	11.76	—
Level 2	10.83	10.41	—	11.64	—
Level 3	14.48	—	—	14.48	—
Service occupations:					
Protective service occupations:					
Supervisors, guards	9.06	—	—	—	—
Firefighting occupations	20.43	—	20.43	21.04	—
Police and detectives, public service	23.09	—	23.09	23.12	—
Level 7	21.18	—	21.18	21.18	—
Level 8	23.72	—	23.72	23.72	—
Guards and police except public service	9.05	8.30	14.09	9.01	\$9.13
Level 3	9.46	—	—	9.88	—
Level 4	10.46	10.47	—	—	—
Level 7	14.10	—	—	—	14.10
Protective service occupations, N.E.C.	11.49	—	15.40	—	7.08
Food service occupations:					
Supervisors, food preparation and service occupations	11.75	—	—	—	—
Bartenders	8.98	8.98	—	—	6.18
Waiters and waitresses	4.75	4.75	—	5.52	4.26
Level 1	4.82	4.82	—	—	4.82
Level 2	3.84	3.85	—	4.08	—
Level 3	6.47	6.47	—	—	—
Cooks	9.37	9.28	—	10.16	6.58
Level 2	7.93	7.93	—	10.16	—
Level 3	7.53	7.24	—	7.84	—
Food counter, fountain, and related occupations	5.93	5.93	—	—	—
Level 3	5.12	5.12	—	—	—
Kitchen workers, food preparation	7.55	7.56	—	8.01	6.40
Level 1	6.37	6.32	—	—	5.94
Level 2	7.55	7.55	—	—	7.06
Waiters'/Waitresses' assistants	4.46	4.46	—	—	—
Level 1	4.46	4.46	—	—	—
Food preparation occupations, N.E.C.	7.54	7.53	—	8.02	6.08
Level 1	6.33	6.32	—	6.55	6.04
Level 2	7.78	—	—	—	—
Health service occupations:					
Health aides, except nursing	10.15	9.44	—	10.38	—
Level 1	6.69	6.69	—	6.67	—
Level 2	8.30	7.72	—	8.32	—
Level 3	11.50	9.47	—	11.74	—
Level 4	10.81	10.81	—	10.81	—
Nursing aides, orderlies and attendants	8.95	8.38	12.86	8.90	9.25
Level 2	7.85	7.74	—	7.81	8.14
Level 3	9.07	9.05	—	8.81	10.47
Level 4	10.13	9.02	—	10.38	9.35
Cleaning and building service occupations:					
Supervisors, cleaning and building service workers	11.54	11.05	—	11.91	—
Maids and housemen	7.80	7.80	—	7.52	—
Level 1	7.45	7.45	—	7.40	—
Janitors and cleaners	9.94	8.96	13.27	10.32	7.46
Level 1	8.87	8.43	13.45	9.36	7.10
Level 2	9.77	9.22	11.49	9.90	—
Level 3	11.75	9.19	14.37	11.90	—
Personal service occupations:					
Attendants, amusement and recreation facilities ..	6.67	6.04	7.51	—	6.62

See footnotes at end of table.

Table B-2. Mean hourly earnings¹ for selected occupations and levels², all industries, private industry, State and local government, full-time and part-time workers, Chicago-Gary-Kenosha, IL-IN-WI, October 1998 — Continued

Occupation ³ and level	All workers ⁴			All industries	
	All industries	Private industry	State and local government	Full-time workers	Part-time workers
Service occupations: (-Continued)					
Personal service occupations: (-Continued)					
Attendants, amusement and recreation facilities (-Continued)					
Level 1	\$6.07	\$5.92	—	—	\$5.92
Welfare service aides	7.46	7.28	—	\$7.78	6.96
Level 3	7.97	7.97	—	—	—
Early childhood teachers' assistants	7.40	6.58	\$9.30	7.39	7.47
Level 2	6.11	—	—	—	—
Level 3	7.88	—	—	—	—
Child care workers, N.E.C.	10.10	—	9.51	10.47	—
Service occupations, N.E.C.	8.86	8.70	10.19	10.23	7.69
Level 2	11.19	—	—	—	—
Level 3	9.20	9.29	—	9.54	—
Level 4	10.50	10.11	—	10.67	—

¹ Earnings are the straight-time hourly wages or salaries paid to employees. They include incentive pay, cost-of-living adjustments, and hazard pay. Excluded are premium pay for overtime, vacations, holidays, nonproduction bonuses, and tips. The mean is computed by totaling the pay of all workers and dividing by the number of workers, weighted by hours.

² Each occupation for which wage data are collected in an establishment is evaluated based on 10 factors, including knowledge, complexity, work environment, etc. Points are assigned based on the occupation's ranking within each factor. The points are summed to determine the overall level of the occupation. See technical note for more information.

³ A classification system including about 480 individual occupations is used to cover all workers in the civilian economy. Individual occupations are classified into one of nine major occupational groups.

⁴ All workers include full-time and part-time workers. Employees are classified as working either a full-time or a part-time schedule based on the definition used by each establishment. Therefore, a worker with a 35-hour-per-week schedule might be considered a

full-time employee in one establishment, but classified as part-time in another firm, where a 40-hour week is the minimum full-time schedule.

NOTE: Dashes indicate that no data were reported or that data did not meet publication criteria. Overall occupational groups and occupational levels may include data for categories not shown separately. N.E.C. means not elsewhere classified. IN THIS SURVEY, THE NONRESPONSE RATE FOR ALL INDUSTRIES AND PRIVATE INDUSTRY EXCEEDED REGULAR SURVEY STANDARDS FOR PUBLICATION. ACCORDINGLY, USERS SHOULD INTERPRET THESE RESULTS WITH THIS LIMITATION IN MIND.

NOTE: Individual and average wage rates were collected in this update survey. A procedure was put into place to "move" the positional statistics where averages were collected. This procedure compares current locality survey data—at the quote level—with the same quote from the prior survey. Individual rates from the prior survey are moved by the average change in mean wages for the occupation.

Table C-1. Mean hourly earnings¹ by occupational group and selected characteristics, all industries, Chicago-Gary-Kenosha, IL-IN-WI, October 1998

Occupational group ²	Full-time workers ³	Part-time workers ³	Union ⁴	Nonunion ⁴	Time ⁵	Incentive ⁵
All occupations	\$18.44	\$9.63	\$18.18	\$17.18	\$17.01	\$29.34
All occupations excluding sales	18.03	9.94	18.27	16.72	17.07	22.82
White-collar occupations	22.53	13.26	24.98	21.24	21.03	37.02
White-collar excluding sales	22.08	15.69	26.06	20.95	21.47	37.69
Professional specialty and technical occupations	25.48	21.61	33.11	22.95	25.16	—
Professional specialty occupations	26.41	22.32	30.08	24.63	26.05	—
Technical occupations	22.46	18.77	69.52	18.51	22.19	—
Executive, administrative, and managerial occupations ...	28.99	26.00	23.42	29.15	28.47	53.74
Sales occupations	27.43	7.22	13.31	23.71	15.35	36.83
Administrative support including clerical occupations	13.58	9.82	13.64	13.18	13.07	23.72
Blue-collar occupations	14.80	8.07	16.55	11.88	14.10	18.13
Precision production, craft, and repair occupations	20.18	—	20.97	18.74	20.15	19.59
Machine operators, assemblers, and inspectors	11.98	8.32	14.17	10.27	11.67	—
Transportation and material moving occupations	15.86	10.06	16.86	12.28	14.46	18.40
Handlers, equipment cleaners, helpers, and laborers	11.92	7.10	13.22	8.80	10.97	—
Service occupations	12.07	6.80	14.98	8.55	10.76	—

¹ Earnings are the straight-time hourly wages or salaries paid to employees. They include incentive pay, cost-of-living adjustments, and hazard pay. Excluded are premium pay for overtime, vacations, holidays, nonproduction bonuses, and tips. The mean is computed by totaling the pay of all workers and dividing by the number of workers, weighted by hours.

² A classification system including about 480 individual occupations is used to cover all workers in the civilian economy. Individual occupations are classified into one of nine major occupational groups.

³ Employees are classified as working either a full-time or a part-time schedule based on the definition used by each establishment. Therefore, a worker with a 35-hour-per-week schedule might be considered a full-time employee in one establishment, but classified as part-time in another firm, where a 40-hour week is the minimum full-time schedule.

⁴ Union workers are those whose wages are determined through collective bargaining.

⁵ Time workers' wages are based solely on an hourly rate or salary; incentive workers are those whose wages are at least partially based on productivity payments such as piece rates, commissions, and production

bonuses.

NOTE: Dashes indicate that no data were reported or that data did not meet publication criteria. Overall occupational groups and occupational levels may include data for categories not shown separately. N.E.C. means not elsewhere classified. IN THIS SURVEY, THE NONRESPONSE RATE FOR ALL INDUSTRIES AND PRIVATE INDUSTRY EXCEEDED REGULAR SURVEY STANDARDS FOR PUBLICATION. ACCORDINGLY, USERS SHOULD INTERPRET THESE RESULTS WITH THIS LIMITATION IN MIND.

NOTE: Individual and average wage rates were collected in this update survey. A procedure was put into place to "move" the positional statistics where averages were collected. This procedure compares current locality survey data—at the quote level—with the same quote from the prior survey. Individual rates from the prior survey are moved by the average change in mean wages for the occupation.

Table C-2. Mean hourly earnings¹ by occupational group and industry division, private industry, all workers², Chicago-Gary-Kenosha, IL-IN-WI, October 1998

Occupational group ³	All private industries	Goods-producing industries ⁴				Service-producing industries ⁵				
		Total	Mining	Construction	Manufacturing	Total	Transportation and public utilities	Wholesale and retail trade	Finance, insurance, and real estate	Services
All occupations	\$16.74	-	\$19.48	\$24.04	-	-	-	-	-	\$14.55
All occupations excluding sales	16.36	-	19.48	24.04	-	-	-	-	-	14.58
White-collar occupations	21.31	-	18.62	21.31	-	-	-	-	-	19.08
White-collar excluding sales	21.12	-	18.62	21.31	-	-	-	-	-	19.33
Professional specialty and technical occupations	23.85	-	-	-	-	-	-	-	-	21.51
Professional specialty occupations	24.48	-	-	-	-	-	-	-	-	23.03
Technical occupations	22.34	-	-	-	-	-	-	-	-	16.50
Executive, administrative, and managerial occupations	29.43	-	-	-	-	-	-	-	-	25.55
Sales occupations	22.65	-	-	-	-	-	-	-	-	13.37
Administrative support, including clerical occupations	13.15	-	14.94	14.01	-	-	-	-	-	11.63
Blue-collar occupations	13.97	-	19.61	24.46	-	-	-	-	-	8.44
Precision production, craft, and repair occupations	19.80	-	-	25.95	-	-	-	-	-	17.82
Machine operators, assemblers, and inspectors	11.93	-	-	-	-	-	-	-	-	7.47
Transportation and material moving occupations	14.55	-	19.73	24.37	-	-	-	-	-	7.83
Handlers, equipment cleaners, helpers, and laborers	10.68	-	-	19.19	-	-	-	-	-	6.82
Service occupations	8.53	-	-	-	-	-	-	-	-	8.05

¹ Earnings are the straight-time hourly wages or salaries paid to employees. They include incentive pay, cost-of-living adjustments, and hazard pay. Excluded are premium pay for overtime, vacations, holidays, nonproduction bonuses, and tips. The mean is computed by totaling the pay of all workers and dividing by the number of workers, weighted by hours.

² All workers include full-time and part-time workers. Employees are classified as working either a full-time or a part-time schedule based on the definition used by each establishment. Therefore, a worker with a 35-hour-per-week schedule might be considered a full-time employee in one establishment, but classified as part-time in another firm, where a 40-hour week is the minimum full-time schedule.

³ A classification system including about 480 individual occupations is used to cover all workers in the civilian economy. Individual occupations are classified into one of nine major occupational groups.

⁴ Goods-producing industries include mining, construction, and manufacturing.

⁵ Service-producing industries include transportation and public utilities; wholesale

and retail trade; finance, insurance, and real estate; and services.

NOTE: Dashes indicate that no data were reported or that data did not meet publication criteria. Overall occupational groups and occupational levels may include data for categories not shown separately. N.E.C. means not elsewhere classified. IN THIS SURVEY, THE NONRESPONSE RATE FOR ALL INDUSTRIES AND PRIVATE INDUSTRY EXCEEDED REGULAR SURVEY STANDARDS FOR PUBLICATION. ACCORDINGLY, USERS SHOULD INTERPRET THESE RESULTS WITH THIS LIMITATION IN MIND.

NOTE: Individual and average wage rates were collected in this update survey. A procedure was put into place to "move" the positional statistics where averages were collected. This procedure compares current locality survey data—at the quote level—with the same quote from the prior survey. Individual rates from the prior survey are moved by the average change in mean wages for the occupation.

Table C-3. Mean hourly earnings¹ by occupational group and establishment employment size, private industry, all workers², Chicago-Gary-Kenosha, IL-IN-WI, October 1998

Occupational group ³	All private industry workers	50 - 99 workers	100 workers or more		
			Total	100 - 499 workers	500 workers or more
All occupations	\$16.74	\$16.46	\$16.81	\$14.92	\$18.71
All occupations excluding sales	16.36	15.44	16.57	14.42	18.66
White-collar occupations	21.31	20.81	21.42	19.67	22.71
White-collar excluding sales	21.12	19.67	21.39	19.18	22.88
Professional specialty and technical occupations	23.85	19.20	24.29	21.75	25.49
Professional specialty occupations	24.48	19.47	25.06	23.00	26.02
Technical occupations	22.34	18.00	22.59	18.98	24.29
Executive, administrative, and managerial occupations ...	29.43	33.25	28.74	25.40	31.41
Sales occupations	22.65	24.34	21.68	22.54	20.14
Administrative support, including clerical occupations	13.15	13.75	12.98	12.95	13.00
Blue-collar occupations	13.97	14.72	13.76	12.49	16.16
Precision production, craft, and repair occupations	19.80	21.69	19.22	18.30	20.68
Machine operators, assemblers, and inspectors	11.93	10.71	12.23	10.91	15.16
Transportation and material moving occupations	14.55	15.56	14.11	13.44	15.08
Handlers, equipment cleaners, helpers, and laborers	10.68	11.34	10.52	9.27	13.00
Service occupations	8.53	6.20	8.99	7.81	9.82

¹ Earnings are the straight-time hourly wages or salaries paid to employees. They include incentive pay, cost-of-living adjustments, and hazard pay. Excluded are premium pay for overtime, vacations, holidays, nonproduction bonuses, and tips. The mean is computed by totaling the pay of all workers and dividing by the number of workers, weighted by hours.

² All workers include full-time and part-time workers. Employees are classified as working either a full-time or a part-time schedule based on the definition used by each establishment. Therefore, a worker with a 35-hour-per-week schedule might be considered a full-time employee in one establishment, but classified as part-time in another firm, where a 40-hour week is the minimum full-time schedule.

³ A classification system including about 480 individual occupations is used to cover all workers in the civilian economy. Individual occupations are classified into one of nine major occupational groups.

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NOTE: Individual and average wage rates were collected in this update survey. A procedure was put into place to "move" the positional statistics where averages were collected. This procedure compares current locality survey data—at the quote level—with the same quote from the prior survey. Individual rates from the prior survey are moved by the average change in mean wages for the occupation.

Table C-4. Number of workers¹ represented by occupational group, Chicago-Gary-Kenosha, IL-IN-WI, October 1998

Occupational group ²	All workers		
	All industries	Private industry	State and local government
All occupations	2,422,532	2,017,408	405,124
All occupations excluding sales	2,285,918	1,882,847	403,072
White-collar occupations	1,216,640	962,773	253,867
White-collar excluding sales	1,080,027	828,212	251,815
Professional specialty and technical occupations	445,432	302,950	142,482
Professional specialty occupations	351,756	213,837	137,919
Technical occupations	93,676	89,112	4,563
Executive, administrative, and managerial occupations ...	233,221	195,288	37,933
Sales occupations	136,614	134,562	2,052
Administrative support including clerical occupations	401,374	329,974	71,400
Blue-collar occupations	715,519	670,963	44,556
Precision production, craft, and repair occupations	175,766	159,274	16,492
Machine operators, assemblers, and inspectors	237,246	236,857	-
Transportation and material moving occupations	110,037	94,680	15,357
Handlers, equipment cleaners, helpers, and laborers	192,470	180,151	12,318
Service occupations	490,372	383,672	106,701

¹ Both full-time and part-time workers were included in the survey. Employees are classified as working either a full-time or a part-time schedule based on the definition used by each establishment. Therefore, a worker with a 35-hour-per-week schedule might be considered a full-time employee in one establishment, but classified as part-time in another establishment, where a 40-hour week is the minimum full-time schedule.

² A classification system including about 480 individual occupations is used to cover all workers in the civilian economy. Individual occupations are classified into one of nine major occupational groups.

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categories not shown separately. N.E.C. means not elsewhere classified. IN THIS SURVEY, THE NONRESPONSE RATE FOR ALL INDUSTRIES AND PRIVATE INDUSTRY EXCEEDED REGULAR SURVEY STANDARDS FOR PUBLICATION. ACCORDINGLY, USERS SHOULD INTERPRET THESE RESULTS WITH THIS LIMITATION IN MIND.

NOTE: Individual and average wage rates were collected in this update survey. A procedure was put into place to "move" the positional statistics where averages were collected. This procedure compares current locality survey data—at the quote level—with the same quote from the prior survey. Individual rates from the prior survey are moved by the average change in mean wages for the occupation.

Appendix A: Technical Note

This section provides basic information on the procedures and concepts used to produce the data contained in this bulletin. It is divided into three parts: Planning for the survey; data collection; and processing and analyzing the data. Although this section answers some questions commonly asked by data users, it is not a comprehensive description of all the steps required to produce the data.

Planning for the survey

The overall design of the survey includes questions of scope, frame, and sample selection.

Survey scope

This survey covered establishments employing 50 workers or more in goods-producing industries (mining, construction and manufacturing); service-producing industries (transportation, communications, electric, gas, and sanitary services; wholesale trade; retail trade; finance, insurance, and real estate; and services industries); and State and local governments. Agriculture, private households, and the Federal Government were excluded from the scope of the survey. For purposes of this survey an establishment was an economic unit which produces goods or services, a central administrative office, or an auxiliary unit providing support services to a company. For private industries in this survey, the establishment was usually at a single physical location. For State and local governments, an establishment was defined as all locations of a government entity.

The Chicago-Gary-Kenosha, IL-IN-WI, Metropolitan Statistical Area includes Cook, De Kalb, Du Page, Grundy, Kane, Kankakee, Kendall, Lake, McHenry, and Will Counties, IL; Lake and Porter Counties, IN; and Kenosha County, WI.

Sampling frame

The list of establishments from which the survey sample was selected (sampling frame) was developed from State unemployment insurance reports. Due to the volatility of industries within the private sector, sampling frames were developed using the most recent month of reference available at the time the sample was selected. The sampling frame was reviewed prior to the survey and, when necessary, missing establishments were added, out-of-business and out-of-scope establishments were removed, and addresses, employment levels, industry classification, and other information were updated.

Sample design

The sample for this survey area was selected using a two stage stratified design with probability proportional to employment sampling at each stage. The first stage of sample selection was a probability sample of establishments. The sample of establishments was drawn by first stratifying the sampling frame by industry and ownership. The number of sample establishments allocated to each stratum is approximately proportional to the stratum employment. Each sampled establishment is selected within a stratum with a probability proportional to its employment. Use of this technique means that the larger an establishment's employment, the greater its chance of selection. Weights were applied to each establishment when the data were tabulated so that it represents similar units (by industry and employment size) in the economy which were not selected for collection. See appendix table 1 for a count of establishments in the survey by employment size. The second stage of sample selection, detailed below, was a probability sample of occupations within a sampled establishment.

Data collection

The collection of data from survey respondents required detailed procedures. Collection was the responsibility of the field economists, working out of the Regional Office, who visited each establishment surveyed. Other contact methods, such as mail and telephone, were used to follow-up and update data.

Occupational selection and classification

Identification of the occupations for which wage data were to be collected was a multi-step process:

1. Probability-proportional-to-size selection of establishment jobs.
2. Classification of jobs into occupations based on the Census of Population system.
3. Characterization of jobs as full-time v. part-time, union v. nonunion, and time v. incentive.
4. Determination of the level of work of each job.

For each occupation, wage data were collected for those workers who met all the criteria identified in the last three steps. Special procedures were developed for jobs for which a correct classification or level could not be determined.

In step one, the jobs to be sampled were selected at each establishment by the BLS field economist during a personal visit. A complete list of employees was used for sampling, with each selected worker representing a job within the establishment.

As with the selection of establishments, the selection of a job was based on probability proportional to its size in the establishment. The greater the number of people working in a job in the establishment, the greater its chance of selection.

The number of jobs collected in each establishment was based on an establishment's employment size as shown in the following schedule:

<i>Number of employees</i>	<i>Number of selected jobs</i>
50-99	8
100-249	10
250-999	12
1000-2,499	16
2,500+	20

The second step of the process entailed classifying the selected jobs into occupations based on their duties. The National Compensation Survey occupational classification system is based on the 1990 Census of Population. A selected job may fall into any one of about 480 occupational classifications, from accountant to wood lathe operator. In cases where a job's duties overlapped two or more census classification codes, the duties used to set the wage level were used to classify the job. Classification by primary duties was the fallback.

Each occupational classification is an element of a broader classification known as a major occupational group (MOG). Occupations can fall into any of the following MOGs:

- Professional specialty and technical
- Executive, administrative, and managerial
- Sales
- Administrative support including clerical
- Precision production, craft, and repair
- Machine operators, assemblers, and inspectors
- Transportation and material moving
- Handlers, equipment cleaners, helpers, and laborers
- Service occupations

Appendix B contains a complete list of all individual occupations, classified by the MOG to which they belong. In step three, certain other job characteristics of the chosen worker were identified. First, the worker was identified as holding either a full-time or part-time job, based on the establishment's definition of those terms. Then the worker was classified as having a time versus incentive job, depending on whether any part of pay was directly based on the actual production of the worker, rather than solely on hours worked. Finally, the worker was identified as being

in a union job or a nonunion job. See the "Definition of Terms" section on the following page for more detail.

Generic leveling through point factor analysis

In the last step before wage data were collected, the work level of each selected job was determined using a "generic leveling" process. Generic leveling ranks and compares all occupations randomly selected in an establishment using the same criteria. This is a major departure from the method used in the past in the Bureau's Occupational Compensation Surveys which studied specifically defined occupations with leveling definitions unique to each occupation.

For this survey, the level of each occupation in an establishment was determined by an analysis of each of 10 leveling factors. Nine of these factors are drawn from the U.S. Government Office of Personnel Management's Factor Evaluation System, which is the underlying structure for evaluation of General Schedule Federal employees. The tenth factor, supervisory duties, attempts to account for the effect of supervisory duties. It is considered experimental. The 10 factors are:

- Knowledge
- Supervision received
- Guidelines
- Complexity
- Scope and effect
- Personal contacts
- Purpose of contacts
- Physical demands
- Work environment
- Supervisory duties

Each factor contains a number of levels and each level has an associated written description and point value. The number and range of points differ among the factors. For each factor, an occupation was assigned a level based on which written description best matched the job. Within each occupation, the points for 9 factors (supervisory duties was excluded) were recorded and totaled. The total determines the overall level of the occupation. Appendix table 3 presents average work levels for published occupational groups and selected occupations. A description of the levels for each factor is shown in appendix C.

Tabulations of levels of work for occupations in the survey follow the Federal Government's white-collar General Schedule. Point ranges for each of the 15 levels are shown in appendix D. It also includes an example of a leveled job and a guide to help data users evaluate jobs in their firm.

Wage data collected in prior surveys using the new generic leveling method were evaluated by BLS researchers using regression techniques. For each of the major occupational groups, wages were compared to the 10 generic level factors (and levels within those factors). The analysis showed that several of the generic level factors, most notably knowledge and supervision received, had strong ex-

planatory power for wages. That is, as the levels within a given factor increased, the wages also increased. Detailed research continues in the area. The results of this research will be published by BLS in the future.

Collection period

The survey data were collected over several months. For each establishment in the survey, the data reflect the establishment's most recent information at the time of collection. The payroll reference month shown in the tables reflects the average date of this information for all sample units.

Earnings

Earnings were defined as regular payments from the employer to the employee as compensation for straight-time hourly work, or for any salaried work performed. The following components were included as part of earnings:

- Incentive pay, including commissions, production bonuses, and piece rates
- Cost-of-living allowances
- Hazard pay
- Payments of income deferred due to participation in a salary reduction plan
- Deadhead pay, defined as pay given to transportation workers returning in a vehicle without freight or passengers

The following forms of payments were *not* considered part of straight-time earnings:

- Shift differentials, defined as extra payment for working a schedule that varies from the norm, such as night or weekend work
- Premium pay for overtime, holidays, and weekends
- Bonuses not directly tied to production (e.g., Christmas bonuses, profit-sharing bonuses)
- Uniform and tool allowances
- Free room and board
- Payments made by third parties (e.g., tips, bonuses given by manufacturers to department store salespeople, referral incentives in real estate)
- On-call pay

In order to calculate earnings for various time periods (hourly, weekly, and annual), data on work schedules were also collected. For hourly workers, scheduled hours worked per day and per week, exclusive of overtime, were recorded. Annual weeks worked were determined. Because salaried workers, exempt from overtime provisions, often work beyond the assigned work schedule, their typical number of hours actually worked was collected.

Definition of terms

Full-time worker. Any employee that the employer considers to be full time.

Incentive worker. Any employee whose earnings are tied, at least in part, to commissions, piece rates, production bonuses, or other incentives based on production or sales.

Level. A ranking of an occupation based on the requirements of the position. (See the description in the technical note and the example for more details on the leveling process.)

Nonunion worker. An employee in an occupation not meeting the conditions for union coverage (see below).

Part-time worker. Any employee that the employer considers to be part-time.

Straight-time. Time worked at the standard rate of pay for the job.

Time-based worker. Any employee whose earnings are tied to an hourly rate or salary, and not to a specific level of production.

Union worker. Any employee is in a union occupation when all of the following conditions are met:

- A labor organization is recognized as the bargaining agent for all workers in the occupation
- Wage and salary rates are determined through collective bargaining or negotiations
- Settlement terms, which must include earnings provisions and may include benefit provisions, are embodied in a signed mutually binding collective bargaining agreement

Processing and analyzing the data

Data were processed and analyzed at the Bureau's National Office following collection.

Weighting and nonresponse

Sample weights were calculated for each establishment and occupation in the survey. These weights reflected the relative size of the occupation within the establishment and of the establishment within the sample universe. Weights were used to aggregate the individual establishments or occupations into the various data series. Some of the establishments surveyed could not supply or refused to supply information. If data were not provided by a sample member, the weights of responding sample members in the same or similar "cells" were adjusted to account for the missing data. This technique assumes that the mean value of the nonrespondents equals the mean value of the respondents at some detailed "cell" level. Responding and nonresponding establishments were classified into these cells according to industry and employment size. Responding and nonresponding occupations within responding establishments were classified into cells that were additionally defined by

major occupation group and job level.

Establishments that were determined to be out of business or outside the scope of the survey had their weights changed to zero. If only partial data were given by a sample establishment or occupation, or data were missing, the response was treated as a refusal.

Survey response

	Establish- ments
Total in sample	798
Responding	495
Out of business or not in survey scope	45
Unable or refused to pro- vide data	258

Some surveys may have a high nonresponse rate for the all industries or private industry iterations. Such instances are noted in the bulletin table footnotes.

Estimation

The wage series in the tables are computed by combining the wages for individual establishment/occupations. Before being combined, individual wage rates are weighted by: number of workers; the sample weight adjusted for nonresponding establishments and other factors; and the occupation work schedule, varying depending on whether hourly, weekly, or annual rates are being calculated.

Not all series that were calculated met the criteria for publication. Before any series was published, it was reviewed to make sure that the number of observations underlying it was sufficient. This review prevented publishing a series that could have revealed information about a specific establishment.

The number of workers estimates represent the total in all establishments within the scope of the study and not the number actually surveyed. Because occupational structures among establishments differ, estimates of the number of workers obtained from the sample of establishments serve only to indicate the relative importance of the occupational groups studied.

Data reliability

The data in this bulletin are estimates from a scientifically

selected probability sample. There are two types of errors possible in an estimate based on a sample survey, sampling and nonsampling.

Sampling errors occur because observations come only from a sample and not from an entire population. The sample used for this survey is one of a number of possible samples of the same size that could have been selected using the sample design. Estimates derived from the different samples would differ from each other.

A measure of the variation among these differing estimates is called the standard error or sampling error. It indicates the precision with which an estimate from a particular sample approximates the average result of all possible samples. The relative standard error (RSE) is the standard error divided by the estimate. Appendix table 2 contains RSE data for selected series in this bulletin. RSE data for all series in this bulletin are available on the Internet web site and by request to the BLS National Office.

The standard error can be used to calculate a “confidence interval” around a sample estimate. As an example, suppose table A-1 shows that mean hourly earnings for all workers was \$12.79 per hour, and appendix table 2 shows a relative standard error of 3.6 percent for this estimate. At the 90-percent level, the confidence interval for this estimate is \$13.55 to \$12.03 (\$12.79 plus and minus 1.645 times 3.6 percent times \$12.79). If all possible samples were selected to estimate the population value, the interval from each sample would include the true population value approximately 90 percent of the time.

Nonsampling errors also affect survey results. They can stem from many sources, such as inability to obtain information for some establishments, difficulties with survey definitions, inability of the respondents to provide correct information, or mistakes in recording or coding the data obtained. A Technical Reinterview Program done in all survey areas will be used in the development of a formal quality assessment process to help compute nonsampling error. Although they were not specifically measured, the nonsampling errors were expected to be minimal due to the extensive training of the field economists who gathered the survey data by personal visit, computer edits of the data, and detailed data review.

Appendix table 1. Number of establishments studied by industry division and establishment employment size, and number of establishments represented, Chicago-Gary-Kenosha, IL-IN-WI, October 1998

Industry	Number of establishments represented	Number of establishments studied				
		Total studied	50 - 99 workers	100 workers or more		
				Total	100 - 499 workers	500 workers or more
All industries	12,864	494	124	370	207	163
Private industry	11,978	424	113	311	183	128
Goods-producing industries	3,387	122	31	91	65	26
Mining	8	5	1	4	4	-
Construction	551	13	7	6	6	-
Manufacturing	2,828	104	23	81	55	26
Service-producing industries	8,591	302	82	220	118	102
Transportation and public utilities	1,125	24	6	18	10	8
Wholesale and retail trade	3,265	61	24	37	25	12
Finance, insurance and real estate	818	29	8	21	5	16
Services	3,383	188	44	144	78	66
State and local government	886	70	11	59	24	35

NOTE: Dashes indicate that no data were reported. Overall industry and industry groups may include data for categories not shown separately.

Appendix table 2. Relative standard errors of mean hourly earnings¹ for selected occupations, all industries, private industry, and State and local government, all workers², Chicago-Gary-Kenosha, IL-IN-WI, October 1998

(in percent)

Occupation ³	All industries	Private industry	State and local government
All occupations	2.0	2.3	3.0
All occupations excluding sales	1.8	2.1	3.0
White-collar occupations	2.5	3.0	4.2
White-collar occupations excluding sales	2.2	2.6	4.2
Professional specialty and technical occupations	2.6	2.9	5.3
Professional specialty occupations	2.8	3.0	5.4
Engineers, architects, and surveyors	3.4	3.4	—
Electrical and electronic engineers	7.3	7.3	—
Industrial engineers	7.2	7.2	—
Mechanical engineers	7.4	7.6	—
Engineers, N.E.C.	4.0	4.0	—
Mathematical and computer scientists	4.1	4.1	—
Computer systems analysts and scientists	4.7	4.7	—
Operations and systems researchers and analysts	6.1	6.1	—
Natural scientists	—	—	—
Health related occupations	3.3	2.9	10.5
Physicians	24.4	22.7	—
Registered nurses	2.3	1.4	5.5
Pharmacists	2.1	2.1	—
Respiratory therapists	3.7	4.6	—
Occupational therapists	7.0	5.2	—
Physical therapists	6.9	6.9	—
Speech therapists	22.6	10.4	—
Teachers, college and university	12.4	17.6	8.9
Teachers, post secondary N.E.C.	20.5	25.6	16.1
Teachers, except college and university	6.3	7.8	6.7
Elementary school teachers	6.9	17.0	7.1
Secondary school teachers	5.1	8.9	—
Teachers, special education	12.6	—	—
Teachers, N.E.C.	12.9	11.0	14.8
Vocational and educational counselors	13.2	12.9	14.9
Librarians, archivists, and curators	3.4	11.5	3.0
Librarians	3.6	11.5	1.9
Social scientists and urban planners	16.8	19.6	—
Psychologists	24.4	—	—
Social, recreation, and religious workers	3.8	4.4	4.7
Social workers	3.8	4.1	4.7
Lawyers and judges	15.0	15.0	5.9
Lawyers	15.1	15.0	6.0
Writers, authors, entertainers, athletes, and professionals, N.E.C.	5.3	5.5	10.1
Designers	4.2	4.2	—
Editors and reporters	5.1	5.2	—
Public relations specialists	19.3	19.9	—
Professional occupations, N.E.C.	5.8	5.9	—
Technical occupations	6.2	6.5	6.3
Clinical laboratory technologists and technicians	4.6	4.6	—
Radiological technicians	5.1	5.3	—
Licensed practical nurses	2.9	2.9	—
Health technologists and technicians, N.E.C.	7.8	8.3	—
Electrical and electronic technicians	2.7	2.7	—
Engineering technicians, N.E.C.	4.8	6.3	—
Drafters	5.8	5.8	—
Airplane pilots and navigators	37.5	37.5	—
Computer programmers	5.2	5.4	—
Legal assistants	4.6	4.2	—
Technical and related occupations, N.E.C.	9.0	9.3	—
Executive, administrative, and managerial occupations ...	4.1	4.7	4.7
Executives, administrators, and managers	5.0	5.6	4.5
Administrators and officials, public administration	5.2	—	4.8
Financial managers	6.3	6.3	—
Personnel and labor relations managers	6.8	7.1	—

See footnotes at end of table.

Appendix table 2. Relative standard errors of mean hourly earnings¹ for selected occupations, all industries, private industry, and State and local government, all workers², Chicago-Gary-Kenosha, IL-IN-WI, October 1998 — Continued

(in percent)

Occupation ³	All industries	Private industry	State and local government
White-collar occupations (-Continued)			
Executive, administrative, and managerial occupations (-Continued)			
Executives, administrators, and managers (-Continued)			
Managers, marketing, advertising and public relations	9.9	9.9	—
Administrators, education and related fields	10.1	19.7	7.2
Managers, medicine and health	8.8	9.4	—
Managers, service organizations, N.E.C.	19.8	21.5	—
Managers and administrators, N.E.C.	7.6	7.9	12.1
Management related occupations	3.2	3.7	5.5
Accountants and auditors	3.6	3.5	8.4
Other financial officers	7.3	7.4	—
Management analysts	6.0	7.3	—
Personnel, training, and labor relations specialists	8.3	9.3	—
Purchasing agents and buyers, N.E.C.	10.9	13.0	—
Management related occupations, N.E.C.	4.9	5.7	6.8
Sales occupations	12.7	12.8	13.7
Supervisors, sales occupations	40.5	40.5	—
Securities and financial services sales occupations	15.9	15.9	—
Advertising and related sales occupations	9.6	9.6	—
Sales occupations, other business services	22.7	22.7	—
Sales representatives, mining, manufacturing, and wholesale	14.9	14.9	—
Sales workers, motor vehicles and boats	3.0	3.0	—
Sales workers, other commodities	6.2	6.3	—
Cashiers	6.5	6.7	—
Administrative support occupations, including clerical	2.0	2.3	3.9
Supervisors, general office	5.1	5.5	—
Supervisors, financial records processing	3.0	3.1	—
Supervisors, distribution, scheduling, and adjusting clerks	7.7	9.5	—
Computer operators	7.3	9.0	—
Secretaries	2.9	3.2	6.1
Typists	8.0	16.4	—
Transportation ticket and reservation agents	4.7	4.7	—
Receptionists	4.4	4.0	18.8
Information clerks, N.E.C.	5.0	5.4	—
Order clerks	4.1	4.1	—
Personnel clerks except payroll and timekeeping	9.6	9.7	—
Library clerks	5.7	7.6	8.5
Records clerks, N.E.C.	9.0	5.3	16.3
Bookkeepers, accounting and auditing clerks	4.6	4.8	5.1
Payroll and timekeeping clerks	9.3	10.0	—
Billing clerks	6.0	6.0	—
Telephone operators	3.9	—	—
Mail clerks except postal service	9.6	9.6	—
Dispatchers	5.3	7.6	6.1
Traffic, shipping and receiving clerks	6.3	6.3	—
Stock and inventory clerks	7.9	8.2	—
Insurance adjusters, examiners, and investigators	25.8	25.8	—
Investigators and adjusters except insurance	9.2	9.2	—
Bill and account collectors	5.1	5.1	—
General office clerks	4.6	5.0	7.3
Bank tellers	4.2	4.2	—
Data entry keyers	10.5	11.2	—
Teachers' aides	6.8	21.6	6.8
Administrative support occupations, N.E.C.	9.5	11.2	9.3
Blue-collar occupations	3.1	3.3	4.4

See footnotes at end of table.

Appendix table 2. Relative standard errors of mean hourly earnings¹ for selected occupations, all industries, private industry, and State and local government, all workers², Chicago-Gary-Kenosha, IL-IN-WI, October 1998 — Continued

(in percent)

Occupation ³	All industries	Private industry	State and local government
Blue-collar occupations (-Continued)			
Precision production, craft, and repair occupations	4.2	4.7	4.5
Supervisors, mechanics and repairers	6.1	7.1	—
Automobile mechanics	22.5	23.3	—
Bus, truck, and stationary engine mechanics	10.9	12.7	—
Heavy equipment mechanics	6.0	—	—
Industrial machinery repairers	4.9	4.9	—
Electronic repairers, communications and industrial equipment	8.1	8.1	—
Heating, air conditioning, and refrigeration mechanics	10.5	—	—
Millwrights	9.2	9.2	—
Mechanics and repairers, N.E.C.	13.1	16.4	—
Supervisors, construction trades, N.E.C.	1.7	1.8	—
Carpenters	3.3	—	—
Electricians	7.6	10.7	—
Plumbers, pipefitters and steamfitters	8.4	—	—
Supervisors, production occupations	5.7	5.7	—
Tool and die makers	5.3	5.3	—
Machinists	5.8	5.7	—
Electrical and electronic equipment assemblers ..	13.8	13.8	—
Inspectors, testers, and graders	7.0	7.0	—
Stationary engineers	4.6	—	—
Machine operators, assemblers, and inspectors	5.1	5.1	—
Punching and stamping press operators	11.7	11.7	—
Grinding, abrading, buffing, and polishing machine operators	7.2	7.2	—
Fabricating machine operators, N.E.C.	7.4	7.4	—
Molding and casting machine operators	9.5	9.5	—
Packaging and filling machine operators	4.6	4.6	—
Mixing and blending machine operators	7.6	7.6	—
Slicing and cutting machine operators	11.2	11.2	—
Miscellaneous machine operators, N.E.C.	9.7	9.7	—
Welders and cutters	8.0	8.0	—
Assemblers	9.7	9.7	—
Production inspectors, checkers and examiners ..	6.8	6.8	—
Transportation and material moving occupations	4.4	5.1	6.3
Truck drivers	5.7	6.3	3.7
Bus drivers	6.4	13.2	—
Supervisors, material moving equipment	4.2	4.2	—
Operating engineers	8.8	9.6	—
Crane and tower operators	9.0	9.0	—
Industrial truck and tractor equipment operators ..	6.3	6.3	—
Miscellaneous material moving equipment operators, N.E.C.	19.3	19.3	—
Handlers, equipment cleaners, helpers, and laborers	4.9	5.2	8.0
Groundskeepers and gardeners except farm	13.3	16.9	13.4
Supervisors, handlers, equipment cleaners, and laborers, N.E.C.	7.5	—	—
Construction laborers	12.6	13.4	—
Production helpers	14.4	14.4	—
Stock handlers and baggers	5.9	5.9	—
Machine feeders and offbearers	17.0	17.0	—
Freight, stock, and material handlers, N.E.C.	8.0	8.2	—
Vehicle washers and equipment cleaners	7.3	7.3	—
Hand packers and packagers	10.7	10.7	—
Laborers except construction, N.E.C.	14.0	14.4	11.4
Service occupations			
Protective service occupations	3.3	2.9	4.1
Supervisors, guards	5.7	6.5	4.1
Supervisors, guards	19.9	—	—
Firefighting occupations	6.7	—	6.7
Police and detectives, public service	2.3	—	2.3
Guards and police except public service	8.1	6.3	10.8

See footnotes at end of table.

Appendix table 2. Relative standard errors of mean hourly earnings¹ for selected occupations, all industries, private industry, and State and local government, all workers², Chicago-Gary-Kenosha, IL-IN-WI, October 1998 — Continued

(in percent)

Occupation ³	All industries	Private industry	State and local government
Service occupations (-Continued)			
Protective service occupations (-Continued)			
Protective service occupations, N.E.C.	26.8	—	20.7
Food service occupations	6.8	7.0	9.1
Supervisors, food preparation and service occupations	5.9	—	—
Bartenders	19.0	19.0	—
Waiters and waitresses	11.7	11.7	—
Cooks	10.2	10.9	—
Food counter, fountain, and related occupations	8.8	8.9	—
Kitchen workers, food preparation	5.5	5.6	—
Waiters/Waitresses' assistants	8.7	8.7	—
Food preparation occupations, N.E.C.	6.2	6.3	—
Health service occupations	3.0	1.9	4.3
Health aides, except nursing	5.3	5.0	—
Nursing aides, orderlies and attendants	3.9	2.2	5.5
Cleaning and building service occupations	3.9	2.7	4.5
Supervisors, cleaning and building service workers	6.6	7.9	—
Maids and housemen	3.5	3.5	—
Janitors and cleaners	4.7	3.5	5.1
Personal service occupations	8.2	9.4	5.2
Attendants, amusement and recreation facilities ..	3.9	3.1	3.8
Welfare service aides	7.6	7.6	—
Early childhood teachers' assistants	7.2	5.2	7.3
Child care workers, N.E.C.	6.8	—	6.7
Service occupations, N.E.C.	8.4	9.1	9.0

¹ The relative standard error is the standard error expressed as a percent of the estimate. Hourly earnings for these occupations are presented in Tables A-1 and A-2. Reliable relative standard errors could not be determined for all occupations.

² All workers include full-time and part-time workers. Employees are classified as working either a full-time or a part-time schedule based on the definition used by each establishment. Therefore, a worker with a 35-hour-per-week schedule might be considered a full-time employee in one establishment, but classified as part-time in another firm, where a 40-hour week is the minimum full-time schedule.

³ A classification system including about 480 individual occupations is used to cover all workers in the civilian economy. Individual occupations are classified into one of nine major occupational groups.

NOTE: Dashes indicate that no data were reported or

that data did not meet publication criteria. Overall occupational groups and occupational levels may include data for categories not shown separately. N.E.C. means not elsewhere classified. IN THIS SURVEY, THE NONRESPONSE RATE FOR ALL INDUSTRIES AND PRIVATE INDUSTRY EXCEEDED REGULAR SURVEY STANDARDS FOR PUBLICATION. ACCORDINGLY, USERS SHOULD INTERPRET THESE RESULTS WITH THIS LIMITATION IN MIND.

NOTE: Individual and average wage rates were collected in this update survey. A procedure was put into place to "move" the positional statistics where averages were collected. This procedure compares current locality survey data—at the quote level—with the same quote from the prior survey. Individual rates from the prior survey are moved by the average change in mean wages for the occupation.

Appendix table 3. Average work levels for selected occupations, all workers, full-time and part-time workers, Chicago-Gary-Kenosha, IL-IN-WI, October 1998

Occupation ¹	All workers	Full-time workers	Part-time workers
All occupations	5	6	3
All occupations excluding sales	5	6	3
White-collar occupations	7	7	5
White-collar occupations excluding sales	7	7	6
Professional specialty and technical occupations	8	8	8
Professional specialty occupations	9	9	8
Engineers, architects, and surveyors	11	11	—
Electrical and electronic engineers	10	10	—
Industrial engineers	10	10	—
Mechanical engineers	9	9	—
Engineers, N.E.C.	11	11	—
Mathematical and computer scientists	10	10	—
Computer systems analysts and scientists	10	10	—
Operations and systems researchers and analysts	9	9	—
Natural scientists	—	—	—
Health related occupations	8	8	8
Physicians	12	12	—
Registered nurses	8	8	8
Pharmacists	8	—	—
Respiratory therapists	7	—	—
Occupational therapists	8	—	—
Physical therapists	8	8	—
Speech therapists	9	—	—
Teachers, college and university	11	11	9
Teachers, post secondary N.E.C.	11	11	—
Teachers, except college and university	8	8	8
Elementary school teachers	8	8	—
Secondary school teachers	8	8	—
Teachers, special education	9	9	—
Teachers, N.E.C.	8	8	7
Vocational and educational counselors	9	9	—
Librarians, archivists, and curators	9	9	9
Librarians	9	9	8
Social scientists and urban planners	9	9	—
Psychologists	9	9	—
Social, recreation, and religious workers	7	8	6
Social workers	8	8	8
Lawyers and judges	11	11	—
Lawyers	11	11	—
Writers, authors, entertainers, athletes, and professionals, N.E.C.	8	8	8
Designers	7	7	—
Editors and reporters	9	9	—
Public relations specialists	8	9	—
Professional occupations, N.E.C.	8	8	—
Technical occupations	7	7	6
Clinical laboratory technologists and technicians	7	7	7
Radiological technicians	6	6	7
Licensed practical nurses	6	6	5
Health technologists and technicians, N.E.C.	5	5	5
Electrical and electronic technicians	7	7	—
Engineering technicians, N.E.C.	8	8	—
Drafters	6	6	—
Airplane pilots and navigators	10	10	—
Computer programmers	8	8	—
Legal assistants	7	7	—
Technical and related occupations, N.E.C.	7	7	—
Executive, administrative, and managerial occupations	10	10	9
Executives, administrators, and managers	11	11	10
Administrators and officials, public administration	10	10	—
Financial managers	11	11	—
Personnel and labor relations managers	11	11	—
Managers, marketing, advertising and public relations ..	11	11	—
Administrators, education and related fields	11	11	—
Managers, medicine and health	10	10	—
Managers, service organizations, N.E.C.	11	11	—
Managers and administrators, N.E.C.	11	11	—

See footnotes at end of table.

Appendix table 3. Average work levels for selected occupations, all workers, full-time and part-time workers, Chicago-Gary-Kenosha, IL-IN-WI, October 1998 — Continued

Occupation ¹	All workers	Full-time workers	Part-time workers
White-collar occupations (-Continued)			
Executive, administrative, and managerial occupations (-Continued)			
Management related occupations	8	8	—
Accountants and auditors	8	8	—
Other financial officers	9	9	—
Management analysts	9	9	—
Personnel, training, and labor relations specialists	9	9	—
Purchasing agents and buyers, N.E.C.	8	8	—
Management related occupations, N.E.C.	8	8	—
Sales occupations	5	7	3
Supervisors, sales occupations	8	8	—
Securities and financial services sales occupations	11	11	—
Advertising and related sales occupations	8	8	—
Sales occupations, other business services	8	8	—
Sales representatives, mining, manufacturing, and wholesale	7	7	—
Sales workers, motor vehicles and boats	5	5	—
Sales workers, other commodities	4	4	3
Cashiers	2	2	2
Administrative support occupations, including clerical	4	4	3
Supervisors, general office	7	7	—
Supervisors, financial records processing	7	7	—
Supervisors, distribution, scheduling, and adjusting clerks	7	7	—
Computer operators	5	5	—
Secretaries	5	5	4
Typists	3	3	—
Transportation ticket and reservation agents	3	—	—
Receptionists	3	3	2
Information clerks, N.E.C.	5	5	—
Order clerks	4	4	—
Personnel clerks except payroll and timekeeping	5	5	—
Library clerks	3	4	2
Records clerks, N.E.C.	4	4	—
Bookkeepers, accounting and auditing clerks	4	4	—
Payroll and timekeeping clerks	4	5	—
Billing clerks	5	4	—
Telephone operators	2	—	—
Mail clerks except postal service	3	3	—
Dispatchers	5	5	—
Traffic, shipping and receiving clerks	4	4	—
Stock and inventory clerks	4	4	—
Insurance adjusters, examiners, and investigators	7	7	—
Investigators and adjusters except insurance	6	6	—
Bill and account collectors	4	5	—
General office clerks	4	4	2
Bank tellers	3	3	2
Data entry keyers	3	3	2
Teachers' aides	4	4	4
Administrative support occupations, N.E.C.	5	5	4
Blue-collar occupations	4	4	2
Precision production, craft, and repair occupations	6	6	—
Supervisors, mechanics and repairers	8	8	—
Automobile mechanics	6	6	—
Bus, truck, and stationary engine mechanics	6	6	—
Heavy equipment mechanics	7	7	—
Industrial machinery repairers	6	6	—
Electronic repairers, communications and industrial equipment	6	6	—
Heating, air conditioning, and refrigeration mechanics ...	6	6	—
Millwrights	6	6	—
Mechanics and repairers, N.E.C.	5	5	—
Supervisors, construction trades, N.E.C.	8	8	—
Carpenters	7	7	—
Electricians	7	7	—
Plumbers, pipefitters and steamfitters	7	7	—

See footnotes at end of table.

Appendix table 3. Average work levels for selected occupations, all workers, full-time and part-time workers, Chicago-Gary-Kenosha, IL-IN-WI, October 1998 — Continued

Occupation ¹	All workers	Full-time workers	Part-time workers
Blue-collar occupations (-Continued)			
Precision production, craft, and repair occupations (-Continued)			
Supervisors, production occupations	7	7	—
Tool and die makers	8	8	—
Machinists	7	7	—
Electrical and electronic equipment assemblers	5	5	—
Inspectors, testers, and graders	6	6	—
Stationary engineers	7	7	—
Machine operators, assemblers, and inspectors	3	3	2
Punching and stamping press operators	3	3	—
Grinding, abrading, buffing, and polishing machine operators	3	3	—
Fabricating machine operators, N.E.C.	4	4	—
Molding and casting machine operators	2	2	—
Packaging and filling machine operators	2	2	—
Mixing and blending machine operators	4	4	—
Slicing and cutting machine operators	4	4	—
Miscellaneous machine operators, N.E.C.	3	3	—
Welders and cutters	4	4	—
Assemblers	2	2	—
Production inspectors, checkers and examiners	4	4	—
Transportation and material moving occupations	4	4	3
Truck drivers	4	4	—
Bus drivers	4	—	4
Supervisors, material moving equipment	7	7	—
Operating engineers	6	6	—
Crane and tower operators	5	5	—
Industrial truck and tractor equipment operators	3	3	—
Miscellaneous material moving equipment operators, N.E.C.	3	3	—
Handlers, equipment cleaners, helpers, and laborers	2	2	2
Groundskeepers and gardeners except farm	2	3	—
Supervisors, handlers, equipment cleaners, and laborers, N.E.C.	7	7	—
Construction laborers	3	3	—
Production helpers	1	1	—
Stock handlers and baggers	2	3	2
Machine feeders and offbearers	2	2	—
Freight, stock, and material handlers, N.E.C.	3	3	2
Vehicle washers and equipment cleaners	2	2	—
Hand packers and packagers	2	2	—
Laborers except construction, N.E.C.	2	2	—
Service occupations	3	4	2
Protective service occupations	6	6	4
Supervisors, guards	6	—	—
Firefighting occupations	7	7	—
Police and detectives, public service	7	7	—
Guards and police except public service	3	3	4
Protective service occupations, N.E.C.	4	—	3
Food service occupations	2	3	2
Supervisors, food preparation and service occupations	5	—	—
Bartenders	3	—	3
Waiters and waitresses	2	2	2
Cooks	3	4	2
Food counter, fountain, and related occupations	2	—	—
Kitchen workers, food preparation	2	2	2
Waiters/Waitresses' assistants	1	—	—
Food preparation occupations, N.E.C.	2	2	1
Health service occupations	3	3	3
Health aides, except nursing	3	3	—
Nursing aides, orderlies and attendants	3	3	3
Cleaning and building service occupations	2	2	2
Supervisors, cleaning and building service workers	5	6	—
Maids and housemen	1	1	—
Janitors and cleaners	2	2	2
Personal service occupations	3	4	2

See footnotes at end of table.

Appendix table 3. Average work levels for selected occupations, all workers, full-time and part-time workers, Chicago-Gary-Kenosha, IL-IN-WI, October 1998 — Continued

Occupation ¹	All workers	Full-time workers	Part-time workers
Service occupations (-Continued)			
Personal service occupations (-Continued)			
Attendants, amusement and recreation facilities	2	—	2
Welfare service aides	3	3	2
Early childhood teachers' assistants	3	3	2
Child care workers, N.E.C.	3	5	—
Service occupations, N.E.C.	2	3	2

¹ A classification system including about 480 individual occupations is used to cover all workers in the civilian economy. Individual occupations are classified into one of nine major occupational groups. The occupations titled authors, musicians, actors, painters, photographers, dancers, artists, athletes, and legislators cannot be assigned a work level.

NOTE: Dashes indicate that no data were reported or that data did not meet publication criteria. Overall occupational groups and occupational levels may

include data for categories not shown separately. N.E.C. means "not elsewhere classified."

NOTE: Individual and average wage rates were collected in this update survey. A procedure was put into place to "move" the positional statistics where averages were collected. This procedure compares current locality survey data—at the quote level—with the same quote from the prior survey. Individual rates from the prior survey are moved by the average change in mean wages for the occupation.