

# Chicago-Gary-Kenosha, IL-IN-WI National Compensation Survey July 1997

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U.S. Department of Labor  
Alexis M. Herman, Secretary

Bureau of Labor Statistics  
Katharine G. Abraham, Commissioner

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# Preface

This bulletin provides results of a July 1997 survey of occupational pay in the Chicago-Gary-Kenosha, IL-IN-WI, Consolidated Metropolitan Statistical Area (CMSA). Data shown in this bulletin were collected as part of the Bureau of Labor Statistics' (BLS) new program known as the 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.

Survey data were collected and reviewed by Bureau of Labor Statistics field economists under the direction of Greg Philipaitis, Assistant Regional Commissioner for Operations of the Chicago Regional Office. 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 analyzed the survey results.

For additional information regarding this survey, please contact the BLS Chicago Regional Office at (312) 353-1880. 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) 606-6220, or send e-mail to [ocltinfo@bls.gov](mailto:ocltinfo@bls.gov).

The data contained in this bulletin are also available at the BLS Internet site (<http://stats.bls.gov/comhome.htm>). 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.

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# Introduction

This survey of occupational pay was conducted in the Chicago-Gary-Kenosha, IL-IN-WI, Consolidated Metropolitan Statistical Area (CMSA). The CMSA includes Cook, DeKalb, DuPage, Grundy, Kane, Kankakee, Kendall, Lake, McHenry, and Will Counties, IL; Lake and Porter Counties, IN; and Kenosha County, WI.

This bulletin consists primarily of tables whose data are analyzed in the initial textual section. 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 is 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 design and products

The Bureau of Labor Statistics' (BLS) new National Compensation Survey (NCS) is designed to provide data on the levels and rates of change of occupational wages and employee benefits for localities, broad geographic regions, and the nation as a whole. One output of the NCS will be the Employment Cost Index, a quarterly measure of the change in employer costs for wages and benefits. This bulletin is limited to data on wages and salaries. These data are similar to those released under the Occupational Compensation Survey (OCS), which has been discontinued.

Due to the limited amount of time available to initiate this phase of the program, a number of companies were unable to provide complete data before the publication deadline. As a result, some surveys have a high nonresponse rate for the all industries or the private industry iterations. Such instances are noted in the bulletin table footnotes.

## NCS more extensive than OCS

The wage data in this bulletin differ from those in previous Occupational Compensation Surveys by providing broader coverage of occupations and establishments within the survey area.

Occupations surveyed for this bulletin were selected using probability techniques from a list of all those present in each establishment. Previous OCS bulletins were limited to a preselected list of occupations, which represented a small subset of all occupations in the economy. Information in the new bulletin is published for a variety of occupation-based data. This new approach includes data on broad occupational classifications such as white-collar workers, major occupational groups such as sales workers, and individual occupations such as cashiers.

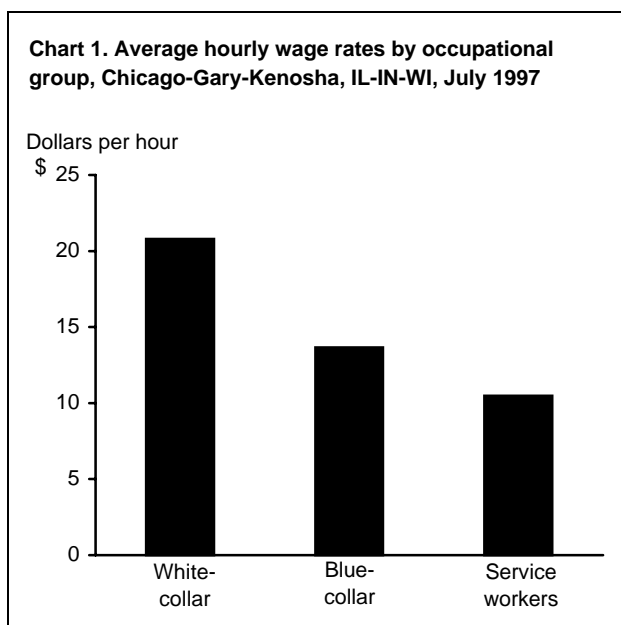
In tables containing work levels within occupational series, the work levels are derived from generic standards that *apply to all* occupational groups. The job levels in the OCS bulletins were based on narrowly-defined descriptions that were not comparable across specific occupations.

Occupational data in this bulletin are also tabulated for other classifications such as industry group, full-time versus part-time workers, union versus nonunion status, time versus incentive status, and establishment employment size. Not all of these series were generated by the OCS program.

The establishments surveyed for this bulletin were limited to those with 50 or more employees. Eventually, NCS will be expanded to cover those now-excluded establishments. Then, virtually all workers in the civilian economy will be surveyed, excluding only agriculture, private households, and employees of the Federal Government.

# Wages in the Chicago-Gary-Kenosha, IL-IN-WI Consolidated Metropolitan Statistical Area

Straight-time wages in the Chicago-Gary-Kenosha, IL-IN-WI, Consolidated Metropolitan Statistical Area averaged \$16.86 per hour during July 1997. White-collar workers had an average wage of \$20.79 per hour. Blue-collar workers averaged \$13.66 per hour, while service workers had average earnings of \$10.48 per hour. (All comparisons in this analysis cover hourly rates for both full- and part-time workers, unless otherwise noted.)



Within each of these occupational groups, average hourly wages for individual occupations varied. For example, white-collar occupations included registered nurses at \$20.50 per hour, and secretaries at \$13.80. Among occupations in the blue-collar category, truck drivers averaged \$16.58 per hour while hand packers and packagers averaged \$8.51. Finally, service occupations included janitors and cleaners at \$9.51 per hour and kitchen workers, food preparation at \$7.59 per hour. Table A-1 presents earnings data for 174 detailed occupations; data for other detailed occupations surveyed could not be reported separately due to concerns about the confidentiality of survey respondents and the reliability of the data.

Survey results show that private industry workers in

Chicago-Gary-Kenosha, IL-IN-WI earned \$16.30 per hour, while surveyed State and local government workers averaged \$20.24. Table A-2 reports the average hourly rate for white-collar occupations as \$20.42 in private industry and \$22.65 in State and local government. Blue-collar occupations showed an average hourly rate of \$13.50 in private industry and \$16.34 in State and local government. Service occupations within private industry averaged \$8.52 per hour while those found in State and local government averaged \$16.64.

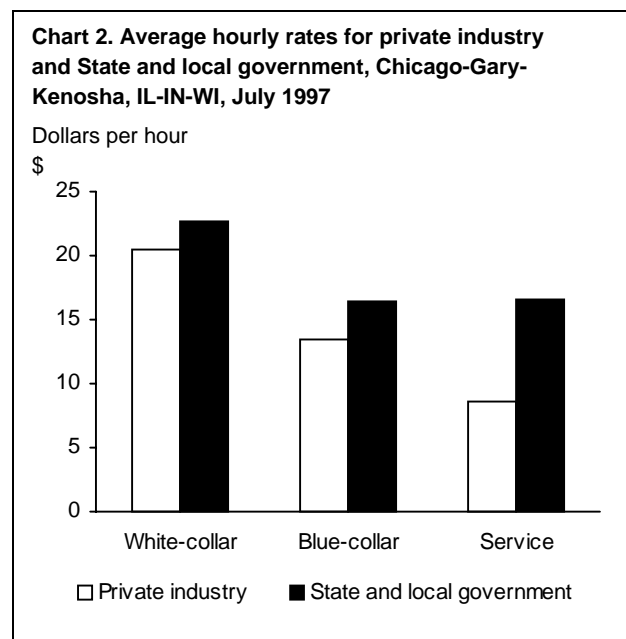
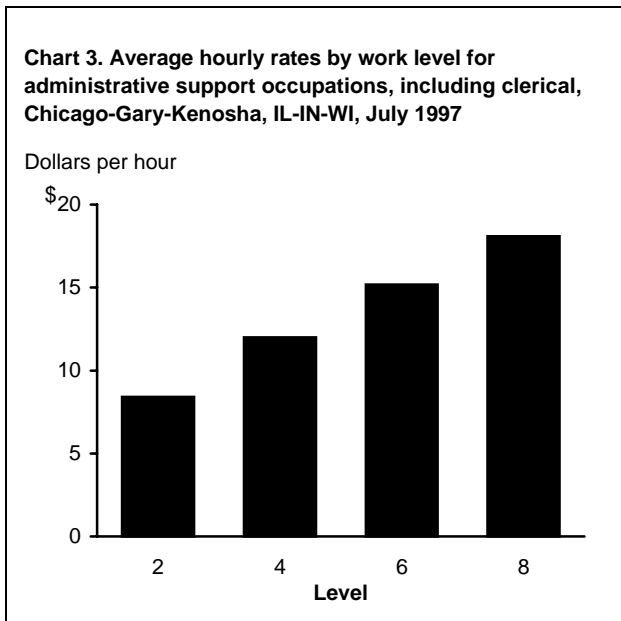


Table A-3 presents data for workers considered by the survey respondents to be either full-time or part-time. Average wages for full-time workers, all occupations, were \$17.74 per hour, compared with an average of \$9.35 per hour for part-time workers.

Data for specific work levels within major occupational groups are reported in table B-1. Occasionally, wage estimates for lower levels of work within major occupational groups are greater than estimates for higher levels. This can occur due to the mix of specific occupations (and industries) represented by the broad group as well as by the variability of the estimate. Some levels within a group may

not be published because no workers were identified at that level or because there were not enough data to guarantee confidentiality and reliability.

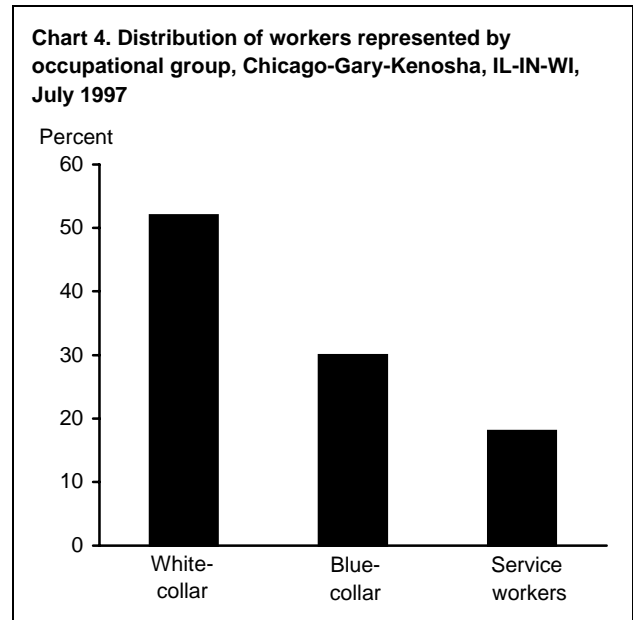
Work levels for all major groups span several levels, with professional specialty occupations and executive, administrative, and managerial occupations typically starting and ending at higher work levels than the other groups. Published data for administrative support occupations, including clerical, ranged from level 1 to level 9. As illustrated in Chart 3, the average hourly rate was \$8.41 for level 2, \$12.00 for level 4, \$15.17 for level 6, and \$18.10 for level 8.



Surveyed union workers had an average hourly rate of \$17.12, as reported in table C-1. Wages for nonunion workers averaged \$16.76. Time workers, whose wages were based solely on an hourly rate or a salary, averaged \$16.58 per hour. Incentive workers, whose wages were at least partially based on productivity payments, averaged \$23.66 per hour.

Table C-2 shows wage data for specific industry divisions within private industry. In the private sector, hourly wages averaged \$19.19 in mining establishments and \$19.56 in transportation and public utilities establishments. Data for other industry divisions did not meet publication criteria.

Table C-4 reports that a total of 2,646,165 workers were represented by the Chicago-Gary-Kenosha, IL-IN-WI survey. White-collar occupations included 1,371,524 workers, or 52 percent; blue-collar occupations included 796,114 workers, or 30 percent; and service occupations included 478,527 workers, or 18 percent.



Data are also presented in appendix table 1 on the number of establishments studied by industry group and employment size. The relative standard errors of published mean hourly earnings for all industries, private industry, and State and local government are available in appendix table 2. The average work levels for published occupational groups and selected occupations are presented in appendix table 3.

**Table A-1. Hourly earnings<sup>1</sup> for selected occupations, all workers<sup>2</sup>, all industries, Chicago-Gary-Kenosha, IL-IN-WI, July 1997**

Occupation <sup>3</sup>	All industries					
	Mean	Percentiles				
		10	25	Median 50	75	90
<b>All occupations</b> .....	\$16.86	\$6.45	\$9.02	\$14.20	\$20.58	\$29.13
All occupations excluding sales .....	16.76	6.50	9.20	14.33	20.59	28.85
<b>White-collar occupations</b> .....	20.79	8.65	11.90	17.16	25.07	35.57
White-collar occupations excluding sales .....	21.09	9.36	12.50	17.60	25.67	35.58
Professional specialty and technical occupations .....	25.00	13.34	16.74	21.64	29.23	38.58
Professional specialty occupations .....	26.20	14.45	17.97	23.77	31.03	40.38
Engineers, architects, and surveyors .....	29.64	20.53	24.05	27.78	33.67	40.96
Electrical and electronic engineers .....	31.23	18.33	22.95	28.85	38.94	42.35
Industrial engineers .....	27.26	24.31	24.48	25.24	30.21	30.21
Mechanical engineers .....	31.04	21.09	23.93	30.81	35.58	43.86
Engineers, N.E.C. ....	26.66	19.27	22.15	26.06	30.00	33.37
Mathematical and computer scientists .....	28.44	17.65	21.98	28.03	32.88	39.98
Computer systems analysts and scientists .....	28.54	17.65	22.67	28.42	32.88	40.87
Operations and systems researchers and analysts .....	25.81	17.02	19.53	20.68	29.28	54.80
Natural scientists .....	28.00	16.44	21.35	25.18	30.35	43.89
Health related occupations .....	22.18	15.05	17.00	20.59	23.61	27.84
Physicians .....	40.15	11.29	13.05	15.99	65.00	82.80
Registered nurses .....	20.50	15.40	17.37	20.41	22.84	26.16
Pharmacists .....	30.56	24.19	24.72	26.52	30.06	53.42
Respiratory therapists .....	15.84	12.91	14.06	16.58	16.91	18.00
Occupational therapists .....	25.55	21.15	21.52	24.78	28.85	31.39
Physical therapists .....	23.33	16.72	19.88	25.22	26.65	28.88
Speech therapists .....	26.46	15.54	21.63	25.61	31.70	34.03
Therapists, N.E.C. ....	16.00	11.00	12.73	13.46	19.15	21.81
Teachers, college and university .....	29.85	16.40	20.84	27.66	37.69	47.04
Health specialties teachers .....	27.46	20.00	20.46	24.62	30.00	39.42
Teachers, post secondary N.E.C. ....	27.67	15.61	18.75	24.25	33.16	45.85
Teachers, except college and university .....	29.18	15.44	20.91	28.14	36.86	42.32
Prekindergarten and kindergarten .....	27.36	9.30	14.16	30.66	38.12	40.64
Elementary school teachers .....	30.14	16.62	23.59	28.95	37.73	42.33
Secondary school teachers .....	34.23	20.64	25.93	32.57	39.93	49.54
Teachers, special education .....	27.55	15.26	20.09	26.96	35.22	35.79
Teachers, N.E.C. ....	22.05	16.00	17.16	17.36	23.84	38.12
Vocational and educational counselors .....	19.08	11.69	13.94	19.76	20.91	28.97
Librarians, archivists, and curators .....	16.41	11.59	13.80	17.26	17.41	19.48
Librarians .....	15.83	10.53	13.80	14.75	18.88	20.23
Social scientists and urban planners .....	26.46	14.33	19.52	23.08	30.00	43.48
Psychologists .....	28.69	14.33	20.01	25.48	35.15	43.48
Social, recreation, and religious workers .....	14.74	10.09	12.26	14.65	17.50	19.74
Social workers .....	14.81	10.37	12.50	14.67	17.50	18.97
Lawyers and judges .....	41.18	20.44	24.05	31.73	43.59	83.19
Lawyers .....	41.18	20.44	24.05	31.73	43.59	83.19
Writers, authors, entertainers, athletes, and professionals, N.E.C. ....	22.72	12.17	15.38	21.38	26.73	36.06
Designers .....	21.95	12.42	15.79	21.38	28.55	31.04
Editors and reporters .....	22.32	15.38	16.51	20.56	26.26	30.51
Public relations specialists .....	22.38	10.26	11.54	22.72	36.92	38.83
Professional occupations, N.E.C. ....	23.72	15.38	18.22	22.79	25.48	36.06
Technical occupations .....	21.07	11.50	14.18	17.31	20.77	25.96
Clinical laboratory technologists and technicians .....	16.61	11.79	12.88	16.07	18.96	23.41
Radiological technicians .....	18.22	13.13	15.98	18.48	19.59	22.60
Licensed practical nurses .....	13.51	11.00	12.00	13.00	14.33	16.28
Health technologists and technicians, N.E.C. ....	13.17	8.68	9.42	12.30	15.31	18.51
Electrical and electronic technicians .....	18.23	14.85	17.07	18.31	19.74	21.10
Engineering technicians, N.E.C. ....	21.98	16.92	18.41	22.21	25.13	27.45
Drafters .....	16.84	11.50	15.14	17.21	18.42	22.44
Airplane pilots and navigators .....	75.62	12.02	13.94	51.78	134.83	169.82
Computer programmers .....	20.96	15.85	18.27	19.69	22.21	26.47
Legal assistants .....	19.47	13.21	15.87	18.27	22.69	28.21
Technical and related occupations, N.E.C. ....	19.40	11.51	15.29	17.71	20.82	34.62
Executive, administrative, and managerial occupations .....	27.77	14.42	17.95	24.34	32.95	44.11
Executives, administrators, and managers .....	33.21	17.95	22.93	29.86	38.46	54.00
Administrators and officials, public administration .....	29.84	21.86	24.01	26.92	30.60	41.23

See footnotes at end of table.

**Table A-1. Hourly earnings<sup>1</sup> for selected occupations, all workers<sup>2</sup>, all industries, Chicago-Gary-Kenosha, IL-IN-WI, July 1997 — Continued**

Occupation <sup>3</sup>	All industries					
	Mean	Percentiles				
		10	25	Median 50	75	90
<b>White-collar occupations</b> (-Continued)						
Executive, administrative, and managerial occupations (-Continued)						
Executives, administrators, and managers (-Continued)						
Financial managers .....	\$32.72	\$18.27	\$23.08	\$27.68	\$38.73	\$46.92
Personnel and labor relations managers .....	34.60	23.95	26.27	31.25	40.88	44.11
Managers, marketing, advertising and public relations .....	37.18	29.06	30.52	34.23	40.76	54.00
Administrators, education and related fields .....	29.13	14.31	24.87	28.55	33.61	45.33
Managers, medicine and health .....	29.47	16.27	21.02	25.00	31.81	46.67
Managers, food servicing and lodging establishments .....	18.44	12.22	15.43	18.29	18.49	24.08
Managers, service organizations, N.E.C. ....	20.50	7.21	10.10	21.98	24.21	40.87
Managers and administrators, N.E.C. ....	36.44	18.73	24.04	32.05	42.31	57.44
Management related occupations .....	20.94	13.07	15.38	18.81	24.13	30.98
Accountants and auditors .....	20.10	14.42	16.35	19.23	22.12	26.39
Underwriters .....	19.23	12.35	15.16	17.45	21.23	29.18
Other financial officers .....	23.57	14.17	14.90	18.03	25.48	47.00
Management analysts .....	24.18	16.81	19.23	22.02	27.18	32.21
Personnel, training, and labor relations specialists .....	21.87	10.80	15.38	21.97	28.33	31.25
Buyers, wholesale and retail trade, except farm products .....	20.20	10.03	12.26	19.23	26.34	31.40
Purchasing agents and buyers, N.E.C. ....	19.06	13.08	15.38	15.54	23.78	27.16
Construction inspectors .....	20.18	10.28	13.42	22.44	24.54	27.98
Management related occupations, N.E.C. ....	20.57	12.55	15.67	17.87	23.37	32.29
Sales occupations .....	18.46	5.56	7.00	12.47	20.14	33.75
Supervisors, sales occupations .....	19.32	9.07	11.54	15.35	22.50	37.02
Insurance sales occupations .....	16.13	6.50	7.65	15.86	24.04	27.75
Advertising and related sales occupations .....	23.50	11.60	15.03	19.23	27.76	42.07
Sales occupations, other business services .....	47.33	13.66	14.14	21.63	32.54	150.95
Sales representatives, mining, manufacturing, and wholesale .....	30.33	16.37	18.46	22.32	35.74	55.29
Sales workers, motor vehicles and boats .....	19.04	5.00	9.75	15.60	25.21	35.74
Sales workers, other commodities .....	8.15	5.39	5.75	6.75	9.77	13.05
Sales counter clerks .....	7.83	5.00	5.25	7.70	9.60	11.40
Cashiers .....	7.60	5.25	5.72	6.50	8.20	12.40
Sales support occupations, N.E.C. ....	10.62	5.75	6.95	10.45	11.98	16.46
Administrative support occupations, including clerical .....	12.62	7.82	9.38	11.79	14.95	18.04
Supervisors, general office .....	17.75	12.60	13.99	17.78	21.19	23.54
Supervisors, financial records processing .....	19.53	11.08	15.72	17.02	20.71	37.14
Supervisors, distribution, scheduling, and adjusting clerks .....	18.37	13.94	14.20	17.79	23.78	24.38
Computer operators .....	15.54	10.71	12.28	15.38	18.06	22.44
Secretaries .....	13.80	9.25	10.56	13.22	15.86	20.16
Typists .....	11.59	7.00	8.00	10.35	13.59	19.51
Interviewers .....	9.89	8.35	8.65	9.36	10.96	12.38
Hotel clerks .....	8.04	7.27	8.00	8.00	8.00	8.50
Transportation ticket and reservation agents .....	10.16	6.65	7.00	8.71	12.98	16.17
Receptionists .....	10.37	6.71	8.50	9.62	12.24	15.43
Information clerks, N.E.C. ....	12.80	7.89	9.00	11.63	15.39	18.57
Order clerks .....	11.61	9.13	9.88	10.76	12.67	16.15
Personnel clerks except payroll and timekeeping .....	14.43	6.89	11.54	14.15	17.78	18.99
Library clerks .....	9.17	6.18	7.61	8.28	10.77	13.82
File clerks .....	9.56	7.50	8.69	8.75	9.61	12.66
Records clerks, N.E.C. ....	12.16	8.50	9.30	11.29	14.52	17.08
Bookkeepers, accounting and auditing clerks .....	12.13	7.75	10.00	11.81	13.91	16.59
Payroll and timekeeping clerks .....	14.63	8.37	11.75	15.55	18.04	18.25
Billing clerks .....	12.80	9.00	10.18	12.52	15.15	16.21
Telephone operators .....	11.99	7.00	8.10	8.96	17.89	17.89
Mail clerks except postal service .....	9.39	6.95	7.25	8.35	9.99	11.77
Dispatchers .....	12.69	8.27	10.27	13.61	14.70	16.10
Production coordinators .....	17.34	12.23	12.84	16.20	21.63	23.79
Traffic, shipping and receiving clerks .....	13.87	9.73	11.20	14.75	16.56	17.56

See footnotes at end of table.

**Table A-1. Hourly earnings<sup>1</sup> for selected occupations, all workers<sup>2</sup>, all industries, Chicago-Gary-Kenosha, IL-IN-WI, July 1997 — Continued**

Occupation <sup>3</sup>	All industries					
	Mean	Percentiles				
		10	25	Median 50	75	90
<b>White-collar occupations</b> (-Continued)						
Administrative support occupations, including clerical (-Continued)						
Stock and inventory clerks .....	\$11.87	\$7.50	\$8.85	\$11.43	\$14.62	\$17.78
Material recording, scheduling, and distribution clerks, N.E.C. ....	9.57	7.00	7.80	8.70	11.54	14.26
Insurance adjusters, examiners, and investigators .....	17.76	8.69	11.63	14.20	17.51	21.49
Investigators and adjusters except insurance .....	13.47	9.22	10.04	13.21	15.16	21.75
Bill and account collectors .....	10.69	7.75	8.31	11.05	12.50	13.46
General office clerks .....	11.80	7.50	9.38	11.18	13.74	16.88
Bank tellers .....	8.19	6.50	7.00	7.85	9.00	10.52
Data entry keyers .....	10.84	7.00	8.50	9.50	12.50	16.10
Teachers' aides .....	10.18	7.44	8.00	9.60	11.99	14.71
Administrative support occupations, N.E.C. ....	13.09	7.93	10.55	13.56	15.68	17.20
<b>Blue-collar occupations</b> .....						
Precision production, craft, and repair occupations .....	13.66	6.00	8.00	12.83	18.40	22.26
Supervisors, mechanics and repairers .....	18.91	10.15	14.69	19.14	23.38	26.65
Automobile mechanics .....	23.57	19.49	19.78	22.66	27.18	32.23
Bus, truck, and stationary engine mechanics .....	22.58	9.75	12.90	19.56	23.86	44.92
Heavy equipment mechanics .....	18.94	13.24	17.96	20.44	20.44	22.24
Industrial machinery repairers .....	19.48	13.90	17.68	18.99	21.44	21.94
Electronic repairers, communications and industrial equipment .....	16.61	12.50	14.08	16.75	18.45	20.57
Mechanical controls and valve repairers .....	18.73	13.23	16.83	19.70	21.26	23.28
Mechanics and repairers, N.E.C. ....	17.13	10.25	10.42	18.07	22.41	22.55
Supervisors, construction trades, N.E.C. ....	18.11	7.50	17.08	18.57	19.52	25.38
Carpenters .....	20.56	13.94	14.42	18.26	25.55	30.19
Electricians .....	22.86	18.45	22.07	23.55	24.70	26.70
Plumbers, pipefitters and steamfitters .....	22.15	15.38	18.22	23.40	26.65	26.85
Supervisors, production occupations .....	23.75	16.80	19.98	23.10	28.70	28.70
Machinists .....	21.29	14.50	16.68	20.67	25.87	28.32
Electrical and electronic equipment assemblers ..	17.83	10.50	13.00	18.94	20.52	25.40
Inspectors, testers, and graders .....	14.28	8.95	10.13	12.33	17.43	21.65
Stationary engineers .....	16.57	12.11	14.00	16.76	19.06	22.05
Machine operators, assemblers, and inspectors .....	18.18	15.05	15.05	15.05	22.85	23.75
Punching and stamping press operators .....	11.58	5.75	7.60	10.65	14.90	19.76
Grinding, abrading, buffing, and polishing machine operators .....	12.71	8.40	9.55	11.44	17.07	18.31
Numerical control machine operators .....	12.12	9.21	10.30	11.58	12.73	15.30
Fabricating machine operators, N.E.C. ....	11.69	8.00	9.00	10.95	13.00	16.25
Molding and casting machine operators .....	12.86	8.75	10.03	12.94	15.68	16.05
Printing press operators .....	10.08	6.52	7.75	9.10	12.44	14.25
Laundry and dry cleaning machine operators .....	18.75	11.58	13.02	16.31	25.98	26.44
Packaging and filling machine operators .....	6.82	4.90	5.05	7.05	7.75	9.12
Mixing and blending machine operators .....	11.55	9.45	10.65	11.10	12.44	14.04
Slicing and cutting machine operators .....	14.00	8.46	11.45	13.75	17.33	18.97
Miscellaneous machine operators, N.E.C. ....	13.47	8.45	10.75	11.52	18.38	20.82
Welders and cutters .....	12.17	6.00	7.80	11.37	16.19	20.20
Assemblers .....	15.68	9.25	12.83	15.83	20.16	20.59
Production inspectors, checkers and examiners ..	8.52	5.25	5.50	6.92	9.63	15.20
Transportation and material moving occupations .....	11.85	8.00	8.90	10.61	14.24	17.90
Truck drivers .....	14.92	7.50	10.38	14.06	18.98	22.20
Bus drivers .....	16.58	8.02	12.90	18.04	19.31	22.20
Supervisors, material moving equipment .....	12.96	7.42	9.10	12.65	18.52	18.52
Operating engineers .....	18.13	12.35	13.00	13.32	25.48	31.06
Crane and tower operators .....	23.06	18.55	21.84	23.40	23.75	26.25
Industrial truck and tractor equipment operators ..	13.45	10.25	11.30	14.35	14.40	17.49
Miscellaneous material moving equipment operators, N.E.C. ....	11.82	7.25	8.70	11.79	14.04	17.34
Handlers, equipment cleaners, helpers, and laborers .....	12.59	5.80	6.75	11.92	18.35	18.70
Groundskeepers and gardeners except farm .....	10.64	5.15	6.50	9.14	13.89	18.40
Supervisors, handlers, equipment cleaners, and laborers, N.E.C. ....	9.50	5.75	6.70	8.00	13.05	14.06
	15.71	11.00	11.00	15.17	20.40	21.92

See footnotes at end of table.

**Table A-1. Hourly earnings<sup>1</sup> for selected occupations, all workers<sup>2</sup>, all industries, Chicago-Gary-Kenosha, IL-IN-WI, July 1997 — Continued**

Occupation <sup>3</sup>	All industries					
	Mean	Percentiles				
		10	25	Median 50	75	90
<b>Blue-collar occupations (-Continued)</b>						
Handlers, equipment cleaners, helpers, and laborers (-Continued)						
Construction laborers .....	\$16.18	\$7.89	\$9.75	\$16.44	\$22.35	\$22.35
Production helpers .....	7.85	4.75	5.00	6.70	10.64	11.69
Stock handlers and baggers .....	8.71	5.30	6.15	8.23	10.35	12.70
Machine feeders and offbearers .....	11.93	6.75	7.45	11.14	16.79	17.19
Freight, stock, and material handlers, N.E.C. ....	15.75	8.05	13.82	18.40	18.40	18.40
Vehicle washers and equipment cleaners .....	8.78	6.50	7.00	8.00	11.05	13.17
Hand packers and packagers .....	8.51	5.75	6.00	8.00	10.27	13.26
Laborers except construction, N.E.C. ....	8.82	5.15	5.15	7.46	10.70	16.00
<b>Service occupations</b>						
Protective service occupations .....	10.48	5.25	6.50	8.33	12.20	19.51
Supervisors, guards .....	16.24	6.50	9.39	16.57	22.35	25.51
Firefighting occupations .....	12.86	8.75	10.85	12.79	15.33	16.55
Police and detectives, public service .....	17.54	10.05	16.57	18.71	20.24	20.94
Guards and police except public service .....	22.61	17.44	20.44	22.99	25.03	26.40
Protective service occupations, N.E.C. ....	8.67	4.80	6.40	7.50	10.32	14.51
Food service occupations .....	12.55	5.50	6.70	10.46	18.97	20.92
Supervisors, food preparation and service occupations .....	7.57	4.45	5.50	7.00	9.32	11.45
Bartenders .....	11.34	8.22	9.02	10.74	13.00	15.38
Waiters and waitresses .....	9.20	5.50	6.00	9.95	12.16	14.21
Cooks .....	4.66	2.85	2.85	3.71	5.15	8.78
Food counter, fountain, and related occupations .....	8.89	5.50	7.00	9.25	10.51	10.82
Kitchen workers, food preparation .....	6.20	4.85	5.69	6.14	6.70	7.75
Waiters'/Waitresses' assistants .....	7.59	5.50	6.28	7.65	8.49	9.83
Food preparation occupations, N.E.C. ....	4.45	3.25	3.60	4.75	5.00	5.50
Health service occupations .....	6.88	4.78	5.25	6.50	7.80	10.00
Health aides, except nursing .....	8.73	5.95	6.72	8.27	10.33	12.41
Nursing aides, orderlies and attendants .....	9.45	6.00	7.35	9.37	11.72	12.41
Cleaning and building service occupations .....	8.45	5.85	6.50	7.90	9.56	12.36
Supervisors, cleaning and building service workers .....	9.29	5.75	6.80	8.52	11.65	13.45
Maids and housemen .....	12.52	10.10	10.58	12.50	14.57	15.86
Janitors and cleaners .....	6.74	5.73	5.75	6.94	7.08	7.56
Personal service occupations .....	9.51	5.88	7.00	9.00	11.81	13.45
Attendants, amusement and recreation facilities ..	10.37	5.40	6.00	7.65	10.00	16.97
Welfare service aides .....	6.82	5.00	5.50	7.00	7.74	8.00
Early childhood teachers' assistants .....	7.03	5.15	5.75	7.00	8.00	8.50
Child care workers, N.E.C. ....	7.24	6.00	6.00	6.61	7.69	9.81
Service occupations, N.E.C. ....	9.04	7.21	8.00	9.00	10.00	10.55
	8.22	6.00	6.30	7.17	9.43	12.19

<sup>1</sup> 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.

<sup>2</sup> 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.

<sup>3</sup> 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.

**Table A-2. Hourly earnings<sup>1</sup> for selected occupations, all workers<sup>2</sup>, private industry and State and local government, Chicago-Gary-Kenosha, IL-IN-WI, July 1997**

Occupation <sup>3</sup>	Private industry						State and local government					
	Mean	Percentiles					Mean	Percentiles				
		10	25	Median 50	75	90		10	25	Median 50	75	90
<b>All occupations</b> .....	\$16.30	\$6.12	\$8.55	\$13.46	\$19.86	\$28.34	\$20.24	\$9.66	\$12.90	\$18.23	\$24.87	\$33.79
All occupations excluding sales .....	16.13	6.25	8.69	13.50	19.83	28.02	20.27	9.70	12.97	18.25	24.87	33.79
<b>White-collar occupations</b> .....	20.42	8.40	11.53	16.56	24.21	34.60	22.65	10.50	14.26	20.53	28.29	38.12
White-collar occupations excluding sales .....	20.71	9.17	12.09	17.08	24.52	34.60	22.72	10.50	14.32	20.64	28.33	38.27
Professional specialty and technical occupations .....	24.10	12.82	16.00	20.67	27.12	35.58	27.43	14.92	18.79	25.51	34.22	42.32
Professional specialty occupations .....	25.32	14.06	17.53	22.52	29.46	38.25	27.98	15.38	19.72	26.11	35.13	42.32
Engineers, architects, and surveyors .....	29.65	20.19	24.05	27.88	33.65	40.84	-	-	-	-	-	-
Electrical and electronic engineers .....	31.23	18.33	22.95	28.85	38.94	42.35	-	-	-	-	-	-
Industrial engineers .....	27.26	24.31	24.48	25.24	30.21	30.21	-	-	-	-	-	-
Mechanical engineers .....	30.94	21.09	23.93	30.20	35.58	43.86	-	-	-	-	-	-
Engineers, N.E.C. ....	26.72	19.27	21.64	26.06	30.00	33.56	-	-	-	-	-	-
Mathematical and computer scientists .....	28.53	17.75	22.03	28.15	32.88	40.31	-	-	-	-	-	-
Computer systems analysts and scientists .....	28.64	17.93	22.94	28.51	32.88	40.87	-	-	-	-	-	-
Operations and systems researchers and analysts .....	25.81	17.02	19.53	20.68	29.28	54.80	-	-	-	-	-	-
Natural scientists .....	28.39	17.10	21.65	25.48	30.42	44.05	-	-	-	-	-	-
Health related occupations .....	21.57	15.08	16.86	20.00	22.70	26.65	25.49	12.91	20.64	24.76	27.79	31.74
Physicians .....	47.89	15.08	15.40	45.94	65.00	115.61	-	-	-	-	-	-
Registered nurses .....	19.95	15.25	17.00	19.73	22.22	24.77	24.05	19.76	20.70	23.98	27.49	28.43
Pharmacists .....	30.56	24.19	24.72	26.52	30.06	53.42	-	-	-	-	-	-
Occupational therapists .....	23.67	19.62	21.52	21.69	25.59	30.00	-	-	-	-	-	-
Physical therapists .....	23.33	16.72	19.88	25.22	26.65	28.88	-	-	-	-	-	-
Speech therapists .....	21.02	15.00	15.54	21.63	23.27	28.85	-	-	-	-	-	-
Therapists, N.E.C. ....	16.02	11.00	12.73	13.46	20.08	23.00	-	-	-	-	-	-
Teachers, college and university .....	29.86	17.95	22.12	28.46	35.90	43.82	29.85	16.06	20.00	26.95	39.76	47.04
Health specialties teachers .....	-	-	-	-	-	-	23.82	20.00	20.00	24.62	25.57	29.50
Teachers, post secondary N.E.C. ....	31.22	18.05	21.59	30.55	36.13	46.63	25.44	15.05	16.82	21.59	29.67	44.42
Teachers, except college and university .....	16.77	10.87	13.02	15.81	20.91	22.85	30.42	17.16	22.81	29.40	38.12	42.99
Elementary school teachers .....	15.51	11.64	12.28	14.18	17.57	21.07	30.66	18.07	24.15	29.49	38.01	43.17
Secondary school teachers .....	20.63	14.94	16.68	19.82	23.21	28.90	-	-	-	-	-	-
Teachers, N.E.C. ....	18.11	13.67	15.00	17.33	17.33	22.85	22.42	17.16	17.16	17.36	24.55	38.12
Librarians, archivists, and curators .....	-	-	-	-	-	-	17.47	14.75	17.20	17.26	19.19	19.67
Librarians .....	-	-	-	-	-	-	17.41	12.47	14.75	17.94	19.48	23.50
Social scientists and urban planners .....	19.20	12.90	15.15	19.52	22.12	24.50	-	-	-	-	-	-
Social, recreation, and religious workers .....	13.81	9.86	11.56	13.19	15.65	18.50	16.75	12.69	15.07	17.50	18.23	19.89
Social workers .....	13.87	9.99	11.63	13.19	15.65	18.26	16.75	12.69	15.07	17.50	18.23	19.89
Lawyers and judges .....	49.34	25.00	31.13	37.44	63.59	93.62	-	-	-	-	-	-
Lawyers .....	49.34	25.00	31.13	37.44	63.59	93.62	-	-	-	-	-	-
Writers, authors, entertainers, athletes, and professionals, N.E.C. ....	23.22	13.00	15.64	21.38	26.87	36.06	-	-	-	-	-	-
Designers .....	21.95	12.42	15.79	21.38	28.55	31.04	-	-	-	-	-	-
Editors and reporters .....	22.57	15.38	17.00	21.25	26.31	30.77	-	-	-	-	-	-
Public relations specialists .....	24.04	11.54	14.55	22.72	38.83	38.83	-	-	-	-	-	-
Professional occupations, N.E.C. ....	23.68	15.38	18.22	22.79	25.48	36.06	-	-	-	-	-	-
Technical occupations .....	21.22	11.33	14.03	17.31	20.52	26.09	19.16	12.29	16.22	18.74	23.28	24.93
Clinical laboratory technologists and technicians .....	16.63	11.79	12.88	16.09	18.96	23.41	-	-	-	-	-	-
Radiological technicians .....	18.48	13.39	16.32	18.50	20.00	22.60	-	-	-	-	-	-
Licensed practical nurses .....	13.49	11.00	12.00	13.00	14.32	16.28	-	-	-	-	-	-
Health technologists and technicians, N.E.C. ....	13.16	8.68	9.42	11.99	15.41	18.51	-	-	-	-	-	-
Electrical and electronic technicians .....	18.25	14.85	17.07	18.31	19.74	21.10	-	-	-	-	-	-
Engineering technicians, N.E.C. ....	22.76	12.88	19.84	22.71	25.96	29.44	-	-	-	-	-	-
Drafters .....	16.84	11.50	15.14	17.21	18.42	22.44	-	-	-	-	-	-
Airplane pilots and navigators .....	75.62	12.02	13.94	51.78	134.83	169.82	-	-	-	-	-	-
Computer programmers .....	20.91	15.38	18.27	19.69	22.11	26.90	-	-	-	-	-	-
Legal assistants .....	20.15	14.47	16.44	19.59	22.85	28.72	-	-	-	-	-	-
Technical and related occupations, N.E.C. ....	19.56	11.51	15.29	17.71	20.67	34.62	15.98	11.65	11.75	12.00	22.31	23.66
Executive, administrative, and managerial occupations .....	28.26	14.42	17.87	24.43	33.56	45.43	24.80	15.75	18.19	23.86	28.46	35.82

See footnotes at end of table.

**Table A-2. Hourly earnings<sup>1</sup> for selected occupations, all workers<sup>2</sup>, private industry and State and local government, Chicago-Gary-Kenosha, IL-IN-WI, July 1997 — Continued**

Occupation <sup>3</sup>	Private industry						State and local government					
	Mean	Percentiles					Mean	Percentiles				
		10	25	Median 50	75	90		10	25	Median 50	75	90
<b>White-collar occupations (-Continued)</b>												
Executive, administrative, and managerial occupations (-Continued)												
Executives, administrators, and managers .....	\$33.86	\$17.80	\$22.69	\$30.29	\$40.10	\$57.44	\$29.10	\$20.19	\$24.01	\$27.36	\$32.84	\$39.00
Administrators and officials, public administration .....	—	—	—	—	—	—	28.23	21.86	24.01	26.57	29.78	38.46
Financial managers .....	32.73	18.27	23.08	27.65	38.73	46.92	—	—	—	—	—	—
Personnel and labor relations managers .....	34.78	23.95	26.27	31.25	44.11	44.11	—	—	—	—	—	—
Managers, marketing, advertising and public relations .....	37.27	29.06	30.52	33.65	40.76	54.00	—	—	—	—	—	—
Administrators, education and related fields .....	23.97	12.89	13.16	22.32	27.72	46.25	31.25	24.65	24.87	31.14	38.27	45.33
Managers, medicine and health .....	30.20	15.39	18.51	26.44	32.77	46.67	—	—	—	—	—	—
Managers, food servicing and lodging establishments .....	18.44	12.22	15.43	18.29	18.49	24.08	—	—	—	—	—	—
Managers, service organizations, N.E.C. ....	20.32	7.21	9.61	21.98	24.21	40.87	—	—	—	—	—	—
Managers and administrators, N.E.C. ....	36.89	18.60	24.41	32.05	42.79	57.44	28.42	19.39	22.06	29.27	35.53	35.82
Management related occupations .....	21.14	13.00	15.38	18.78	24.28	31.79	19.78	13.70	16.83	19.16	23.50	26.39
Accountants and auditors .....	19.87	14.42	15.74	18.56	21.90	27.33	21.37	16.34	17.96	21.63	23.86	26.39
Underwriters .....	19.23	12.35	15.16	17.45	21.23	29.18	—	—	—	—	—	—
Other financial officers .....	23.62	14.17	14.90	18.03	25.48	48.08	—	—	—	—	—	—
Management analysts .....	24.13	16.44	19.13	20.72	27.88	33.17	—	—	—	—	—	—
Personnel, training, and labor relations specialists .....	21.61	10.80	14.12	21.60	28.33	31.25	—	—	—	—	—	—
Buyers, wholesale and retail trade, except farm products .....	20.20	10.03	12.26	19.23	26.34	31.40	—	—	—	—	—	—
Purchasing agents and buyers, N.E.C. ....	18.69	13.08	15.38	15.38	20.67	27.16	—	—	—	—	—	—
Management related occupations, N.E.C. ....	21.39	12.15	15.38	18.95	26.00	33.56	17.16	13.70	16.83	16.83	17.87	21.15
Sales occupations .....	18.52	5.55	7.00	12.47	20.19	35.08	11.83	6.00	7.35	12.12	16.67	17.78
Supervisors, sales occupations .....	19.32	9.07	11.54	15.35	22.50	37.02	—	—	—	—	—	—
Insurance sales occupations .....	16.13	6.50	7.65	15.86	24.04	27.75	—	—	—	—	—	—
Advertising and related sales occupations .....	23.50	11.60	15.03	19.23	27.76	42.07	—	—	—	—	—	—
Sales occupations, other business services .....	47.33	13.66	14.14	21.63	32.54	150.95	—	—	—	—	—	—
Sales representatives, mining, manufacturing, and wholesale .....	30.33	16.37	18.46	22.32	35.74	55.29	—	—	—	—	—	—
Sales workers, motor vehicles and boats .....	19.04	5.00	9.75	15.60	25.21	35.74	—	—	—	—	—	—
Sales workers, other commodities .....	8.17	5.39	5.75	6.75	9.81	13.05	—	—	—	—	—	—
Sales counter clerks .....	7.83	5.00	5.25	7.70	9.60	11.40	—	—	—	—	—	—
Cashiers .....	7.35	5.20	5.66	6.36	8.00	12.25	12.66	6.25	11.67	12.12	16.67	17.78
Sales support occupations, N.E.C. ....	10.62	5.75	6.95	10.45	11.98	16.46	—	—	—	—	—	—
Administrative support occupations, including clerical .....	12.60	7.75	9.30	11.75	14.92	18.04	12.76	8.24	9.75	12.18	15.23	18.16
Supervisors, general office .....	17.48	12.60	13.99	16.92	20.67	23.54	—	—	—	—	—	—
Supervisors, financial records processing .....	19.63	10.85	16.54	17.02	20.71	37.14	—	—	—	—	—	—
Supervisors, distribution, scheduling, and adjusting clerks .....	19.05	13.94	16.50	17.79	23.95	24.38	—	—	—	—	—	—
Computer operators .....	14.74	9.90	11.83	14.03	16.64	24.00	—	—	—	—	—	—
Secretaries .....	14.11	9.38	10.82	13.50	16.11	20.33	12.07	7.53	9.59	11.90	14.39	18.31
Typists .....	11.80	6.00	7.98	9.73	15.04	20.67	—	—	—	—	—	—
Interviewers .....	9.89	8.35	8.65	9.34	11.00	12.38	—	—	—	—	—	—
Hotel clerks .....	8.04	7.27	8.00	8.00	8.00	8.50	—	—	—	—	—	—
Transportation ticket and reservation agents .....	10.16	6.65	7.00	8.71	12.98	16.17	—	—	—	—	—	—
Receptionists .....	10.21	6.75	8.50	9.62	11.87	14.04	12.25	6.35	7.20	15.43	15.43	15.43
Information clerks, N.E.C. ....	12.76	7.50	8.97	11.49	15.39	18.57	—	—	—	—	—	—
Order clerks .....	11.61	9.13	9.88	10.76	12.67	16.15	—	—	—	—	—	—

See footnotes at end of table.

**Table A-2. Hourly earnings<sup>1</sup> for selected occupations, all workers<sup>2</sup>, private industry and State and local government, Chicago-Gary-Kenosha, IL-IN-WI, July 1997 — Continued**

Occupation <sup>3</sup>	Private industry						State and local government					
	Mean	Percentiles					Mean	Percentiles				
		10	25	Median 50	75	90		10	25	Median 50	75	90
<b>White-collar occupations (-Continued)</b>												
Administrative support occupations, including clerical (-Continued)												
Personnel clerks except payroll and timekeeping .....	\$14.17	\$6.89	\$11.54	\$13.38	\$17.78	\$17.78	—	—	—	—	—	—
Library clerks .....	8.67	6.25	7.35	8.38	9.54	10.50	\$9.39	\$5.50	\$7.61	\$8.01	\$11.02	\$15.58
File clerks .....	9.56	7.50	8.69	8.75	9.61	12.66	—	—	—	—	—	—
Records clerks, N.E.C. ....	11.45	8.50	9.22	10.92	13.45	16.20	14.97	9.50	12.00	15.51	17.95	21.86
Bookkeepers, accounting and auditing clerks .....	12.14	7.75	10.00	11.81	13.94	16.59	11.92	8.50	10.08	11.82	13.24	15.05
Payroll and timekeeping clerks .....	14.44	8.37	11.59	13.81	18.04	18.04	—	—	—	—	—	—
Billing clerks .....	12.80	9.00	10.18	12.52	15.15	16.21	—	—	—	—	—	—
Telephone operators .....	11.99	7.00	8.10	8.96	17.89	17.89	—	—	—	—	—	—
Mail clerks except postal service .....	9.39	6.95	7.25	8.35	9.99	11.77	—	—	—	—	—	—
Dispatchers .....	13.70	8.65	13.26	14.71	15.63	16.26	12.05	8.27	10.13	12.19	14.13	14.70
Production coordinators .....	17.34	12.23	12.84	16.20	21.63	23.79	—	—	—	—	—	—
Traffic, shipping and receiving clerks .....	13.87	9.73	11.20	14.75	16.56	17.56	—	—	—	—	—	—
Stock and inventory clerks .....	11.82	7.50	8.81	11.30	14.62	17.78	—	—	—	—	—	—
Material recording, scheduling, and distribution clerks, N.E.C. ....	9.52	7.00	7.80	8.70	11.54	13.95	—	—	—	—	—	—
Insurance adjusters, examiners, and investigators .....	17.76	8.69	11.63	14.20	17.51	21.49	—	—	—	—	—	—
Investigators and adjusters except insurance .....	13.47	9.22	10.04	13.21	15.16	21.75	—	—	—	—	—	—
Bill and account collectors .....	10.60	7.75	8.25	10.67	12.50	13.15	—	—	—	—	—	—
General office clerks .....	11.40	7.21	9.13	10.88	13.44	16.57	12.75	9.17	10.55	12.05	14.41	17.53
Bank tellers .....	8.19	6.50	7.00	7.85	9.00	10.52	—	—	—	—	—	—
Data entry keyers .....	10.95	7.00	8.14	9.50	12.50	16.41	—	—	—	—	—	—
Teachers' aides .....	—	—	—	—	—	—	10.38	7.60	8.28	9.69	12.11	14.71
Administrative support occupations, N.E.C. ....	12.90	7.75	10.55	13.08	15.28	17.85	13.76	8.93	11.51	14.25	16.52	17.03
<b>Blue-collar occupations</b>												
Precision production, craft, and repair occupations .....	13.50	5.97	7.95	12.44	18.40	22.20	16.34	10.35	11.83	15.96	19.49	23.75
Supervisors, mechanics and repairers .....	18.84	9.76	14.30	18.99	23.37	26.65	19.62	15.05	15.38	19.22	23.75	25.40
Automobile mechanics .....	24.07	19.78	19.78	23.46	28.25	32.23	—	—	—	—	—	—
Bus, truck, and stationary engine mechanics .....	22.64	9.75	12.90	19.56	25.90	44.92	—	—	—	—	—	—
Industrial machinery repairers .....	18.98	11.88	17.96	20.44	20.44	22.25	—	—	—	—	—	—
Electronic repairers, communications and industrial equipment .....	16.61	12.50	14.08	16.75	18.45	20.57	—	—	—	—	—	—
Mechanics and repairers, N.E.C. ....	18.73	13.23	16.83	19.70	21.26	23.28	—	—	—	—	—	—
Supervisors, construction trades, N.E.C. ....	18.05	7.50	17.08	18.57	20.90	25.87	—	—	—	—	—	—
Carpenters .....	20.57	13.94	14.42	18.00	25.55	30.19	—	—	—	—	—	—
Electricians .....	22.22	18.45	22.07	22.10	23.55	26.70	—	—	—	—	—	—
Supervisors, production occupations ..	23.00	15.11	20.52	23.87	26.65	26.85	—	—	—	—	—	—
Machinists .....	21.29	14.50	16.68	20.67	25.87	28.32	—	—	—	—	—	—
Electrical and electronic equipment assemblers .....	17.49	10.50	12.50	18.94	20.52	21.56	—	—	—	—	—	—
Inspectors, testers, and graders .....	14.28	8.95	10.13	12.33	17.43	21.65	—	—	—	—	—	—
Machine operators, assemblers, and inspectors .....	16.57	12.11	14.00	16.76	19.06	22.05	—	—	—	—	—	—
Punching and stamping press operators .....	11.58	5.75	7.60	10.62	14.91	19.76	—	—	—	—	—	—
Grinding, abrading, buffing, and polishing machine operators .....	12.71	8.40	9.55	11.44	17.07	18.31	—	—	—	—	—	—
Numerical control machine operators .....	12.12	9.21	10.30	11.58	12.73	15.30	—	—	—	—	—	—
Fabricating machine operators, N.E.C. ....	11.69	8.00	9.00	10.95	13.00	16.25	—	—	—	—	—	—
Molding and casting machine operators .....	12.86	8.75	10.03	12.94	15.68	16.05	—	—	—	—	—	—
Printing press operators .....	10.08	6.52	7.75	9.10	12.44	14.25	—	—	—	—	—	—
	19.20	11.97	13.03	19.50	25.98	26.44	—	—	—	—	—	—

See footnotes at end of table.

**Table A-2. Hourly earnings<sup>1</sup> for selected occupations, all workers<sup>2</sup>, private industry and State and local government, Chicago-Gary-Kenosha, IL-IN-WI, July 1997 — Continued**

Occupation <sup>3</sup>	Private industry						State and local government						
	Mean	Percentiles					Mean	Percentiles					
		10	25	Median 50	75	90		10	25	Median 50	75	90	
<b>Blue-collar occupations</b> (-Continued)													
Machine operators, assemblers, and inspectors (-Continued)													
Laundering and dry cleaning machine operators .....	\$6.61	\$4.90	\$5.05	\$7.05	\$7.75	\$8.78	-	-	-	-	-	-	-
Packaging and filling machine operators .....	11.55	9.45	10.65	11.10	12.44	14.04	-	-	-	-	-	-	-
Mixing and blending machine operators .....	14.00	8.46	11.45	13.75	17.33	18.97	-	-	-	-	-	-	-
Slicing and cutting machine operators	13.47	8.45	10.75	11.52	18.38	20.82	-	-	-	-	-	-	-
Miscellaneous machine operators, N.E.C. ....	12.17	6.00	7.80	11.37	16.19	20.20	-	-	-	-	-	-	-
Welders and cutters .....	15.68	9.25	12.83	15.83	20.16	20.59	-	-	-	-	-	-	-
Assemblers .....	8.52	5.25	5.50	6.92	9.63	15.20	-	-	-	-	-	-	-
Production inspectors, checkers and examiners .....	11.85	8.00	8.90	10.61	14.24	17.90	-	-	-	-	-	-	-
Transportation and material moving occupations .....	14.84	7.20	10.00	14.04	18.98	23.26	\$15.51	\$11.06	\$11.68	\$17.26	\$18.52	\$19.98	
Truck drivers .....	16.96	8.66	13.53	18.60	19.63	22.20	13.00	7.96	11.68	11.68	17.26	19.26	
Bus drivers .....	10.06	7.00	7.42	9.00	10.92	13.20	-	-	-	-	-	-	-
Supervisors, material moving equipment .....	18.13	12.35	13.00	13.32	25.48	31.06	-	-	-	-	-	-	-
Operating engineers .....	23.26	18.55	21.84	23.40	23.75	26.25	-	-	-	-	-	-	-
Crane and tower operators .....	13.45	10.25	11.30	14.35	14.40	17.49	-	-	-	-	-	-	-
Industrial truck and tractor equipment operators .....	11.82	7.25	8.70	11.79	14.04	17.34	-	-	-	-	-	-	-
Miscellaneous material moving equipment operators, N.E.C. ....	12.13	5.80	6.50	11.92	18.35	18.70	-	-	-	-	-	-	-
Handlers, equipment cleaners, helpers, and laborers .....	10.54	5.15	6.30	8.95	13.78	18.40	12.63	6.67	10.43	11.96	15.96	18.00	
Groundskeepers and gardeners except farm .....	9.85	5.75	7.00	8.15	13.05	14.06	8.75	6.00	6.25	7.40	10.47	12.73	
Construction laborers .....	16.04	7.86	9.56	16.44	22.35	22.35	-	-	-	-	-	-	-
Production helpers .....	7.85	4.75	5.00	6.70	10.64	11.69	-	-	-	-	-	-	-
Stock handlers and baggers .....	8.67	5.30	6.15	8.23	10.35	12.70	-	-	-	-	-	-	-
Machine feeders and offbearers .....	11.93	6.75	7.45	11.14	16.79	17.19	-	-	-	-	-	-	-
Freight, stock, and material handlers, N.E.C. ....	15.75	8.05	13.82	18.40	18.40	18.40	-	-	-	-	-	-	-
Vehicle washers and equipment cleaners .....	8.78	6.50	7.00	8.00	11.05	13.17	-	-	-	-	-	-	-
Hand packers and packagers .....	8.51	5.75	6.00	8.00	10.27	13.26	-	-	-	-	-	-	-
Laborers except construction, N.E.C. ....	8.38	5.15	5.15	6.84	10.00	14.98	12.12	6.67	10.51	10.51	15.43	16.75	
<b>Service occupations</b> .....	8.52	5.15	6.00	7.50	9.75	12.40	16.64	8.29	11.74	16.12	21.59	25.27	
Protective service occupations .....	8.65	4.80	6.39	7.50	9.98	14.51	20.04	12.79	16.38	20.24	23.76	26.40	
Supervisors, guards .....	12.91	8.50	9.00	14.83	16.48	17.78	-	-	-	-	-	-	-
Firefighting occupations .....	-	-	-	-	-	-	17.54	10.05	16.57	18.71	20.24	20.94	
Police and detectives, public service ..	-	-	-	-	-	-	22.61	17.44	20.44	22.99	25.03	26.40	
Guards and police except public service .....	8.07	4.80	6.25	7.20	9.62	11.60	13.65	10.38	10.40	14.55	15.76	16.54	
Protective service occupations, N.E.C. ....	-	-	-	-	-	-	14.39	6.20	8.81	16.72	20.92	20.92	
Food service occupations .....	7.52	4.35	5.50	6.97	9.32	11.29	9.07	7.35	7.98	8.41	8.41	13.76	
Supervisors, food preparation and service occupations .....	11.53	8.00	9.32	10.74	13.11	15.78	-	-	-	-	-	-	-
Bartenders .....	9.20	5.50	6.00	9.95	12.16	14.21	-	-	-	-	-	-	-
Waiters and waitresses .....	4.67	2.85	2.85	3.71	5.15	8.78	-	-	-	-	-	-	-
Cooks .....	8.77	5.40	7.00	9.25	10.51	10.51	-	-	-	-	-	-	-
Food counter, fountain, and related occupations .....	6.20	4.85	5.69	6.14	6.70	7.75	-	-	-	-	-	-	-
Kitchen workers, food preparation .....	7.59	5.50	6.28	7.65	8.49	9.83	-	-	-	-	-	-	-
Waiters/Waitresses' assistants .....	4.45	3.25	3.60	4.75	5.00	5.50	-	-	-	-	-	-	-
Food preparation occupations, N.E.C. ....	6.87	4.78	5.20	6.50	7.85	10.00	-	-	-	-	-	-	-
Health service occupations .....	8.09	5.73	6.45	7.65	9.24	11.00	11.71	8.82	10.35	12.41	13.24	14.20	
Health aides, except nursing .....	8.90	5.75	6.83	8.52	10.88	12.65	-	-	-	-	-	-	-

See footnotes at end of table.

**Table A-2. Hourly earnings<sup>1</sup> for selected occupations, all workers<sup>2</sup>, private industry and State and local government, Chicago-Gary-Kenosha, IL-IN-WI, July 1997 — Continued**

Occupation <sup>3</sup>	Private industry						State and local government					
	Mean	Percentiles					Mean	Percentiles				
		10	25	Median 50	75	90		10	25	Median 50	75	90
<b>Service occupations (-Continued)</b>												
Health service occupations (-Continued)												
Nursing aides, orderlies and attendants .....	\$7.81	\$5.73	\$6.30	\$7.47	\$8.86	\$10.16	\$12.10	\$8.94	\$10.35	\$13.24	\$14.20	\$14.20
Cleaning and building service occupations .....	8.78	5.75	6.50	7.93	11.05	12.74	11.33	6.97	10.62	11.81	12.34	15.25
Supervisors, cleaning and building service workers .....	12.29	10.10	10.58	12.40	14.47	15.10	—	—	—	—	—	—
Maids and housemen .....	6.74	5.73	5.75	6.94	7.08	7.56	—	—	—	—	—	—
Janitors and cleaners .....	8.95	5.84	6.75	8.39	11.05	12.74	11.22	6.97	9.95	11.81	12.34	15.11
Personal service occupations .....	10.53	5.40	6.00	7.50	10.00	17.66	9.30	6.00	7.25	8.49	11.06	12.88
Attendants, amusement and recreation facilities .....	—	—	—	—	—	—	7.14	5.20	6.00	7.74	7.74	8.50
Welfare service aides .....	6.88	5.15	5.75	7.00	8.00	8.20	—	—	—	—	—	—
Early childhood teachers' assistants ..	6.55	6.00	6.00	6.50	6.98	7.05	9.24	6.00	7.69	8.39	11.06	12.88
Child care workers, N.E.C. ....	9.34	8.00	8.97	9.00	10.00	10.55	8.29	6.50	6.78	8.80	9.62	9.92
Service occupations, N.E.C. ....	8.09	6.00	6.25	6.95	9.43	11.75	9.31	6.00	7.61	8.49	12.41	12.78

<sup>1</sup> 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.

<sup>2</sup> 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.

<sup>3</sup> 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.

**Table A-3. Hourly earnings<sup>1</sup> for selected occupations, full-time and part-time workers<sup>2</sup>, all industries, Chicago-Gary-Kenosha, IL-IN-WI, July 1997**

Occupation <sup>3</sup>	All industries											
	Full-time						Part-time					
	Mean	Percentiles					Mean	Percentiles				
10		25	Median 50	75	90	10		25	Median 50	75	90	
<b>All occupations</b> .....	\$17.74	\$7.08	\$10.08	\$15.07	\$21.42	\$30.00	\$9.35	\$5.15	\$5.73	\$7.25	\$10.00	\$17.09
All occupations excluding sales .....	17.53	7.18	10.10	15.07	21.34	29.81	9.68	5.15	5.82	7.50	10.27	18.48
<b>White-collar occupations</b> .....	21.62	9.54	12.67	17.78	26.01	36.42	12.32	5.50	6.50	8.89	15.53	22.38
White-collar occupations excluding sales .....	21.61	9.90	12.98	17.96	26.22	36.13	14.41	6.50	8.00	10.67	19.46	25.00
Professional specialty and technical occupations .....	25.35	13.52	16.92	21.79	29.71	39.16	21.10	11.50	15.02	20.38	24.50	29.00
Professional specialty occupations .....	26.59	14.56	18.21	24.25	31.73	40.77	21.97	13.00	16.25	21.01	24.66	30.00
Engineers, architects, and surveyors .....	29.64	20.53	24.05	27.78	33.67	40.96	-	-	-	-	-	-
Electrical and electronic engineers .....	31.23	18.33	22.95	28.85	38.94	42.35	-	-	-	-	-	-
Industrial engineers .....	27.26	24.31	24.48	25.24	30.21	30.21	-	-	-	-	-	-
Mechanical engineers .....	31.04	21.09	23.93	30.81	35.58	43.86	-	-	-	-	-	-
Engineers, N.E.C. ....	26.66	19.27	22.15	26.06	30.00	33.37	-	-	-	-	-	-
Mathematical and computer scientists .....	28.46	17.65	21.87	28.04	32.93	40.87	-	-	-	-	-	-
Computer systems analysts and scientists .....	28.56	17.65	22.42	28.44	32.88	40.87	-	-	-	-	-	-
Operations and systems researchers and analysts .....	25.81	17.02	19.53	20.68	29.28	54.80	-	-	-	-	-	-
Natural scientists .....	28.40	16.02	21.15	27.16	30.75	44.43	-	-	-	-	-	-
Health related occupations .....	21.97	15.08	17.00	20.40	23.82	28.25	22.83	15.00	17.57	21.00	23.23	27.27
Physicians .....	35.21	11.29	11.85	15.40	65.56	77.19	-	-	-	-	-	-
Registered nurses .....	20.49	15.60	17.35	20.26	22.85	26.63	20.52	15.03	17.48	20.60	22.72	25.19
Physical therapists .....	24.13	19.27	19.88	26.50	26.65	29.09	-	-	-	-	-	-
Speech therapists .....	26.52	15.54	21.63	26.42	31.70	34.03	-	-	-	-	-	-
Teachers, college and university .....	30.39	16.31	20.86	28.17	39.42	47.04	24.56	16.40	16.46	25.00	30.00	30.00
Health specialties teachers .....	27.44	20.00	20.46	24.62	39.42	39.42	-	-	-	-	-	-
Teachers, post secondary N.E.C. ....	27.88	15.63	18.95	25.16	33.29	46.11	-	-	-	-	-	-
Teachers, except college and university .....	29.57	15.87	21.27	28.33	37.59	42.32	22.70	10.67	14.17	22.12	28.95	35.31
Elementary school teachers .....	30.09	15.81	23.23	28.94	37.88	43.16	-	-	-	-	-	-
Secondary school teachers .....	34.26	20.64	25.93	32.91	40.22	49.54	-	-	-	-	-	-
Teachers, special education .....	27.55	15.26	20.09	26.96	35.22	35.79	-	-	-	-	-	-
Teachers, N.E.C. ....	22.41	17.16	17.16	17.36	24.55	38.12	19.19	14.00	15.02	19.00	21.16	22.12
Vocational and educational counselors .....	19.09	11.69	13.94	19.76	20.91	28.97	-	-	-	-	-	-
Librarians, archivists, and curators .....	16.52	13.80	13.80	17.26	17.26	20.23	15.66	11.59	12.47	16.26	19.19	19.19
Librarians .....	16.15	10.53	13.80	14.75	19.35	20.77	13.48	9.50	11.59	12.60	15.25	17.41
Social scientists and urban planners .....	26.78	15.15	19.52	23.08	32.20	43.48	-	-	-	-	-	-
Psychologists .....	29.20	15.85	21.15	26.01	35.15	43.48	-	-	-	-	-	-
Social, recreation, and religious workers .....	14.93	10.23	12.53	14.84	17.88	19.89	-	-	-	-	-	-
Social workers .....	14.83	10.32	12.53	14.74	17.50	18.97	14.15	11.11	11.11	13.21	17.03	17.88
Lawyers and judges .....	41.18	20.44	24.05	31.73	43.59	83.19	-	-	-	-	-	-
Lawyers .....	41.18	20.44	24.05	31.73	43.59	83.19	-	-	-	-	-	-
Writers, authors, entertainers, athletes, and professionals, N.E.C. ....	23.20	12.88	15.38	21.38	26.79	36.06	12.25	11.00	11.00	13.00	13.00	13.00
Designers .....	21.95	12.42	15.79	21.38	28.55	31.04	-	-	-	-	-	-
Editors and reporters .....	22.35	15.38	16.51	20.56	26.31	30.56	-	-	-	-	-	-
Public relations specialists .....	22.38	10.26	11.54	22.72	36.92	38.83	-	-	-	-	-	-
Professional occupations, N.E.C. ....	23.72	15.38	18.22	22.79	25.48	36.06	-	-	-	-	-	-
Technical occupations .....	21.32	11.73	14.30	17.31	20.64	25.75	18.10	9.42	12.29	17.09	22.06	26.09
Clinical laboratory technologists and technicians .....	16.36	11.50	12.51	15.50	18.96	23.74	17.95	14.39	16.50	17.50	20.33	21.90
Radiological technicians .....	17.83	13.97	16.14	18.49	19.15	20.33	19.34	12.29	14.18	18.25	25.95	28.51
Licensed practical nurses .....	13.57	11.00	12.00	13.00	14.38	15.65	-	-	-	-	-	-
Health technologists and technicians, N.E.C. ....	13.22	8.63	9.50	13.01	15.41	18.51	12.70	9.42	9.42	10.08	12.02	16.13
Electrical and electronic technicians .....	18.25	14.85	17.07	18.31	19.74	21.10	-	-	-	-	-	-
Engineering technicians, N.E.C. ....	21.98	16.92	18.41	22.21	25.13	27.45	-	-	-	-	-	-
Drafters .....	16.84	11.50	15.14	17.21	18.42	22.44	-	-	-	-	-	-
Airplane pilots and navigators .....	75.62	12.02	13.94	51.78	134.83	169.82	-	-	-	-	-	-
Computer programmers .....	20.46	15.63	18.27	19.69	21.88	25.00	-	-	-	-	-	-
Legal assistants .....	19.59	13.21	16.35	18.30	22.69	28.21	-	-	-	-	-	-
Technical and related occupations, N.E.C. ....	19.55	11.51	15.29	17.71	21.39	34.62	-	-	-	-	-	-

See footnotes at end of table.

**Table A-3. Hourly earnings<sup>1</sup> for selected occupations, full-time and part-time workers<sup>2</sup>, all industries, Chicago-Gary-Kenosha, IL-IN-WI, July 1997 — Continued**

Occupation <sup>3</sup>	All industries											
	Full-time						Part-time					
	Mean	Percentiles					Mean	Percentiles				
		10	25	Median 50	75	90		10	25	Median 50	75	90
<b>White-collar occupations (-Continued)</b>												
Executive, administrative, and managerial occupations .....	\$27.78	\$14.42	\$17.96	\$24.41	\$32.95	\$44.08	\$27.28	\$15.60	\$15.75	\$17.80	\$37.69	\$54.00
Executives, administrators, and managers .....	33.20	17.95	22.95	29.81	38.46	54.00	34.88	14.64	17.80	37.69	54.00	54.00
Administrators and officials, public administration .....	29.17	21.86	24.01	26.57	29.76	38.91	-	-	-	-	-	-
Financial managers .....	32.72	18.27	23.08	27.68	38.73	46.92	-	-	-	-	-	-
Personnel and labor relations managers .....	34.60	23.95	26.27	31.25	40.88	44.11	-	-	-	-	-	-
Managers, marketing, advertising and public relations .....	37.23	29.06	31.42	34.23	40.76	54.00	-	-	-	-	-	-
Administrators, education and related fields .....	29.36	14.31	24.87	28.55	33.62	45.33	-	-	-	-	-	-
Managers, medicine and health .....	29.39	16.27	21.02	25.00	31.25	46.67	-	-	-	-	-	-
Managers, food servicing and lodging establishments .....	18.44	12.22	15.43	18.29	18.49	24.08	-	-	-	-	-	-
Managers, service organizations, N.E.C. ....	20.50	7.21	10.10	21.98	24.21	40.87	-	-	-	-	-	-
Managers and administrators, N.E.C. ....	36.44	18.73	24.04	32.05	42.52	57.44	-	-	-	-	-	-
Management related occupations .....	20.96	13.05	15.38	18.82	24.16	31.01	-	-	-	-	-	-
Accountants and auditors .....	20.10	14.42	16.35	19.23	22.12	26.39	-	-	-	-	-	-
Underwriters .....	19.23	12.35	15.16	17.45	21.23	29.18	-	-	-	-	-	-
Other financial officers .....	23.57	14.17	14.90	18.03	25.48	47.00	-	-	-	-	-	-
Management analysts .....	24.18	16.81	19.23	22.02	27.18	32.21	-	-	-	-	-	-
Personnel, training, and labor relations specialists .....	22.02	10.80	15.38	22.12	28.33	31.25	-	-	-	-	-	-
Buyers, wholesale and retail trade, except farm products .....	20.20	10.03	12.26	19.23	26.34	31.40	-	-	-	-	-	-
Purchasing agents and buyers, N.E.C. ....	19.06	13.08	15.38	15.54	23.78	27.16	-	-	-	-	-	-
Construction inspectors .....	20.18	10.28	13.42	22.44	24.54	27.98	-	-	-	-	-	-
Management related occupations, N.E.C. ....	20.60	12.54	15.65	18.02	23.49	32.29	-	-	-	-	-	-
Sales occupations .....	21.71	6.36	9.80	15.03	23.56	40.38	7.05	5.15	5.45	6.05	7.75	10.60
Supervisors, sales occupations .....	19.86	10.00	12.46	16.15	22.50	37.02	-	-	-	-	-	-
Advertising and related sales occupations .....	23.93	11.60	15.03	19.23	27.81	42.07	-	-	-	-	-	-
Sales occupations, other business services .....	47.94	13.66	14.28	22.22	33.17	150.95	-	-	-	-	-	-
Sales representatives, mining, manufacturing, and wholesale .....	30.33	16.37	18.46	22.32	35.74	55.29	-	-	-	-	-	-
Sales workers, motor vehicles and boats .....	19.04	5.00	9.75	15.60	25.21	35.74	-	-	-	-	-	-
Sales workers, other commodities .....	9.61	5.80	6.45	8.55	10.25	16.07	6.64	5.25	5.50	5.90	7.00	9.07
Sales counter clerks .....	9.61	7.50	8.00	8.90	11.10	13.54	-	-	-	-	-	-
Cashiers .....	7.54	5.50	6.00	6.50	8.05	11.67	7.64	5.20	5.50	6.25	9.50	12.55
Sales support occupations, N.E.C. ....	10.64	5.75	6.95	10.45	12.03	16.46	-	-	-	-	-	-
Administrative support occupations, including clerical .....	13.04	8.35	9.90	12.23	15.38	18.25	9.20	6.00	7.00	8.27	10.00	12.02
Supervisors, general office .....	17.77	13.23	13.99	17.79	21.19	23.54	-	-	-	-	-	-
Supervisors, financial records processing .....	19.53	11.08	15.72	17.02	20.71	37.14	-	-	-	-	-	-
Supervisors, distribution, scheduling, and adjusting clerks .....	18.37	13.94	14.20	17.79	23.78	24.38	-	-	-	-	-	-
Computer operators .....	15.54	10.71	12.28	15.38	18.06	22.44	-	-	-	-	-	-
Secretaries .....	13.87	9.25	10.87	13.50	15.88	19.71	13.17	8.50	10.00	10.70	14.45	20.61
Typists .....	12.81	7.00	9.53	12.06	15.04	20.60	-	-	-	-	-	-
Hotel clerks .....	8.04	7.27	8.00	8.00	8.00	8.50	-	-	-	-	-	-
Receptionists .....	11.16	8.50	9.62	10.10	14.04	15.43	9.09	6.50	7.50	8.42	9.69	12.34
Information clerks, N.E.C. ....	13.02	7.50	9.49	11.85	15.58	18.57	-	-	-	-	-	-
Order clerks .....	11.66	9.13	9.94	10.82	12.69	16.21	8.85	7.50	8.00	8.93	9.65	10.00

See footnotes at end of table.

**Table A-3. Hourly earnings<sup>1</sup> for selected occupations, full-time and part-time workers<sup>2</sup>, all industries, Chicago-Gary-Kenosha, IL-IN-WI, July 1997 — Continued**

Occupation <sup>3</sup>	All industries											
	Full-time					Part-time						
	Mean	Percentiles					Mean	Percentiles				
10		25	Median 50	75	90	10		25	Median 50	75	90	
<b>White-collar occupations (-Continued)</b>												
Administrative support occupations, including clerical (-Continued)												
Personnel clerks except payroll and timekeeping .....	\$14.43	\$6.89	\$11.54	\$14.15	\$17.78	\$18.99	-	-	-	-	-	-
Library clerks .....	9.65	7.70	7.98	9.27	10.94	12.27	\$8.65	\$5.32	\$6.25	\$7.70	\$9.50	\$15.58
File clerks .....	10.26	8.69	8.75	9.61	10.75	15.10	-	-	-	-	-	-
Records clerks, N.E.C. ....	12.28	8.50	9.30	11.38	14.78	17.12	-	-	-	-	-	-
Bookkeepers, accounting and auditing clerks .....	12.60	9.13	10.57	11.98	14.42	16.83	-	-	-	-	-	-
Payroll and timekeeping clerks .....	15.06	9.70	11.76	16.02	18.04	18.25	-	-	-	-	-	-
Billing clerks .....	13.22	9.47	11.25	13.02	15.15	16.22	-	-	-	-	-	-
Mail clerks except postal service .....	9.43	6.95	7.25	8.35	9.45	14.37	-	-	-	-	-	-
Dispatchers .....	13.37	10.13	11.42	13.67	14.75	16.26	-	-	-	-	-	-
Production coordinators .....	17.34	12.23	12.84	16.20	21.63	23.79	-	-	-	-	-	-
Traffic, shipping and receiving clerks .....	13.87	9.73	11.20	14.75	16.56	17.56	-	-	-	-	-	-
Stock and inventory clerks .....	12.99	8.85	10.29	11.85	16.40	17.78	-	-	-	-	-	-
Material recording, scheduling, and distribution clerks, N.E.C. ....	9.54	7.00	7.65	8.65	12.02	14.42	-	-	-	-	-	-
Insurance adjusters, examiners, and investigators .....	17.16	8.68	11.59	14.20	17.51	21.49	-	-	-	-	-	-
Investigators and adjusters except insurance .....	14.25	9.85	11.06	14.46	15.62	21.75	-	-	-	-	-	-
Bill and account collectors .....	10.85	8.00	8.50	11.50	12.50	13.46	-	-	-	-	-	-
General office clerks .....	12.32	8.41	10.00	11.46	14.20	17.31	8.19	5.80	6.50	7.47	9.38	12.00
Bank tellers .....	8.65	7.00	7.30	8.50	9.63	10.93	7.04	6.50	6.50	7.00	7.05	8.00
Data entry keyers .....	11.30	7.50	8.79	9.82	12.85	16.41	7.94	6.00	7.00	8.50	8.51	9.17
Teachers' aides .....	10.26	7.45	8.10	9.67	12.11	14.71	9.33	7.31	7.75	8.90	9.60	11.11
Administrative support occupations, N.E.C. ....	13.24	8.24	10.64	13.56	15.68	17.20	11.41	7.00	7.77	10.50	15.71	19.24
<b>Blue-collar occupations</b>												
Precision production, craft, and repair occupations .....	14.19	6.30	8.78	13.50	18.60	22.53	7.49	5.15	5.25	6.70	8.25	11.68
Supervisors, mechanics and repairers .....	18.95	10.10	14.75	19.14	23.38	26.65	-	-	-	-	-	-
Automobile mechanics .....	23.57	19.49	19.78	22.66	27.18	32.23	-	-	-	-	-	-
Bus, truck, and stationary engine mechanics .....	22.58	9.75	12.90	19.56	23.86	44.92	-	-	-	-	-	-
Heavy equipment mechanics .....	18.94	13.24	17.96	20.44	20.44	22.24	-	-	-	-	-	-
Industrial machinery repairers .....	19.48	13.90	17.68	18.99	21.44	21.94	-	-	-	-	-	-
Electronic repairers, communications and industrial equipment .....	16.61	12.50	14.08	16.75	18.45	20.57	-	-	-	-	-	-
Mechanics and repairers, N.E.C. ....	18.73	13.23	16.83	19.70	21.26	23.28	-	-	-	-	-	-
Supervisors, construction trades, N.E.C. ....	18.11	7.50	17.08	18.57	19.52	25.38	-	-	-	-	-	-
Carpenters .....	20.56	13.94	14.42	18.26	25.55	30.19	-	-	-	-	-	-
Electricians .....	22.86	18.45	22.07	23.55	24.70	26.70	-	-	-	-	-	-
Plumbers, pipefitters and steamfitters .....	22.26	15.38	18.22	23.40	26.65	26.85	-	-	-	-	-	-
Supervisors, production occupations ..	23.75	16.80	19.98	23.10	28.70	28.70	-	-	-	-	-	-
Machinists .....	21.29	14.50	16.68	20.67	25.87	28.32	-	-	-	-	-	-
Electrical and electronic equipment assemblers .....	17.83	10.50	13.00	18.94	20.52	25.40	-	-	-	-	-	-
Inspectors, testers, and graders .....	14.28	8.95	10.13	12.33	17.43	21.65	-	-	-	-	-	-
Stationary engineers .....	16.57	12.11	14.00	16.76	19.06	22.05	-	-	-	-	-	-
Machine operators, assemblers, and inspectors .....	18.18	15.05	15.05	15.05	22.85	23.75	-	-	-	-	-	-
Punching and stamping press operators .....	11.63	5.75	7.60	10.75	14.99	19.76	7.74	5.20	5.20	6.50	9.12	14.04
Grinding, abrading, buffing, and polishing machine operators .....	12.71	8.40	9.55	11.44	17.07	18.31	-	-	-	-	-	-
Numerical control machine operators .....	12.33	9.64	10.30	11.59	12.87	15.30	-	-	-	-	-	-
Fabricating machine operators, N.E.C. ....	11.69	8.00	9.00	10.95	13.00	16.25	-	-	-	-	-	-
	12.86	8.75	10.03	12.94	15.68	16.05	-	-	-	-	-	-

See footnotes at end of table.

**Table A-3. Hourly earnings<sup>1</sup> for selected occupations, full-time and part-time workers<sup>2</sup>, all industries, Chicago-Gary-Kenosha, IL-IN-WI, July 1997 — Continued**

Occupation <sup>3</sup>	All industries											
	Full-time					Part-time						
	Mean	Percentiles					Mean	Percentiles				
		10	25	Median 50	75	90		10	25	Median 50	75	90
<b>Blue-collar occupations</b> (-Continued)												
Machine operators, assemblers, and inspectors (-Continued)												
Molding and casting machine operators .....	\$10.08	\$6.52	\$7.75	\$9.10	\$12.44	\$14.25	-	-	-	-	-	-
Printing press operators .....	18.75	11.58	13.02	16.31	25.98	26.44	-	-	-	-	-	-
Laundry and dry cleaning machine operators .....	6.86	4.90	5.05	7.05	7.75	9.12	-	-	-	-	-	-
Packaging and filling machine operators .....	11.47	9.45	10.65	11.10	12.32	12.91	-	-	-	-	-	-
Mixing and blending machine operators .....	14.04	7.74	11.45	13.75	17.33	18.97	-	-	-	-	-	-
Slicing and cutting machine operators	13.47	8.45	10.75	11.52	18.38	20.82	-	-	-	-	-	-
Miscellaneous machine operators, N.E.C. ....	12.17	6.00	7.80	11.37	16.19	20.20	-	-	-	-	-	-
Welders and cutters .....	15.68	9.25	12.83	15.83	20.16	20.59	-	-	-	-	-	-
Assemblers .....	8.60	5.25	5.50	6.95	9.80	15.20	-	-	-	-	-	-
Production inspectors, checkers and examiners .....	11.85	8.00	8.90	10.61	14.24	17.90	-	-	-	-	-	-
Transportation and material moving occupations .....	15.68	7.89	11.58	15.49	18.98	22.95	\$9.59	\$6.00	\$7.42	\$8.65	\$11.30	\$13.20
Truck drivers .....	16.67	8.00	12.90	18.04	19.51	22.20	-	-	-	-	-	-
Bus drivers .....	-	-	-	-	-	-	10.61	7.00	8.45	10.40	12.65	13.20
Supervisors, material moving equipment .....	18.13	12.35	13.00	13.32	25.48	31.06	-	-	-	-	-	-
Operating engineers .....	23.06	18.55	21.84	23.40	23.75	26.25	-	-	-	-	-	-
Crane and tower operators .....	13.45	10.25	11.30	14.35	14.40	17.49	-	-	-	-	-	-
Industrial truck and tractor equipment operators .....	11.91	7.20	9.00	11.84	14.04	17.34	-	-	-	-	-	-
Miscellaneous material moving equipment operators, N.E.C. ....	12.90	5.80	7.20	13.50	18.35	18.70	-	-	-	-	-	-
Handlers, equipment cleaners, helpers, and laborers .....	11.56	5.75	7.50	10.27	15.96	18.40	6.68	5.15	5.15	5.98	7.50	8.75
Groundskeepers and gardeners except farm .....	10.35	5.50	7.00	10.97	13.05	14.06	6.95	6.00	6.70	7.00	7.00	8.00
Supervisors, handlers, equipment cleaners, and laborers, N.E.C. ....	15.71	11.00	11.00	15.17	20.40	21.92	-	-	-	-	-	-
Construction laborers .....	16.18	7.89	9.75	16.44	22.35	22.35	-	-	-	-	-	-
Production helpers .....	7.85	4.75	5.00	6.70	10.64	11.69	-	-	-	-	-	-
Stock handlers and baggers .....	9.84	6.59	7.90	9.13	11.10	13.30	6.55	5.15	5.25	5.70	7.30	9.65
Machine feeders and offbearers .....	11.93	6.75	7.45	11.14	16.79	17.19	-	-	-	-	-	-
Freight, stock, and material handlers, N.E.C. ....	16.43	9.36	15.00	18.40	18.40	18.80	10.12	7.35	7.50	8.38	12.91	15.60
Vehicle washers and equipment cleaners .....	9.01	7.00	7.00	8.00	11.05	13.17	-	-	-	-	-	-
Hand packers and packagers .....	8.59	5.75	6.00	8.16	10.27	13.26	-	-	-	-	-	-
Laborers except construction, N.E.C. ....	10.39	5.15	6.84	10.00	13.48	16.93	-	-	-	-	-	-
<b>Service occupations</b> .....	11.50	5.75	7.00	9.32	13.45	20.92	6.65	4.80	5.36	6.25	7.58	9.16
Protective service occupations .....	17.27	6.77	11.30	17.78	22.68	25.97	8.51	6.00	6.70	7.75	10.00	12.00
Supervisors, guards .....	13.20	9.00	12.79	12.79	15.49	16.68	-	-	-	-	-	-
Firefighting occupations .....	18.19	14.05	16.80	18.92	20.24	20.94	-	-	-	-	-	-
Police and detectives, public service ..	22.61	17.44	20.44	22.99	25.03	26.40	-	-	-	-	-	-
Guards and police except public service .....	8.61	4.80	6.10	7.45	10.28	14.51	8.87	6.20	7.00	7.75	11.00	12.50
Protective service occupations, N.E.C. ....	-	-	-	-	-	-	7.61	5.46	6.00	7.00	8.81	10.46
Food service occupations .....	8.41	4.75	6.28	8.23	10.48	12.50	5.75	3.09	5.00	5.65	6.56	7.75
Supervisors, food preparation and service occupations .....	11.57	8.41	9.32	10.74	13.19	15.40	-	-	-	-	-	-
Bartenders .....	-	-	-	-	-	-	6.14	5.00	5.50	6.00	6.50	7.80
Waiters and waitresses .....	5.33	2.85	3.00	4.35	7.45	9.64	3.85	2.85	2.85	3.09	5.00	6.25
Cooks .....	9.53	7.00	8.25	10.51	10.51	11.00	-	-	-	-	-	-

See footnotes at end of table.

**Table A-3. Hourly earnings<sup>1</sup> for selected occupations, full-time and part-time workers<sup>2</sup>, all industries, Chicago-Gary-Kenosha, IL-IN-WI, July 1997 — Continued**

Occupation <sup>3</sup>	All industries											
	Full-time						Part-time					
	Mean	Percentiles					Mean	Percentiles				
		10	25	Median 50	75	90		10	25	Median 50	75	90
<b>Service occupations (-Continued)</b>												
Food service occupations (-Continued)												
Food counter, fountain, and related occupations .....	\$6.20	\$4.75	\$5.60	\$6.17	\$6.85	\$8.25	—	—	—	—	—	—
Kitchen workers, food preparation .....	7.78	5.75	6.50	7.80	8.65	9.83	\$7.08	\$5.50	\$5.50	\$6.50	\$8.00	\$9.80
Food preparation occupations, N.E.C. ....	7.51	4.75	5.81	7.50	9.07	10.03	5.90	4.85	5.00	5.50	6.25	7.57
Health service occupations .....	8.86	5.95	6.73	8.51	10.69	12.65	7.92	5.85	6.72	7.56	8.59	9.72
Health aides, except nursing .....	9.82	6.10	8.00	10.00	11.96	12.49	7.26	5.44	6.75	7.35	7.85	8.52
Nursing aides, orderlies and attendants .....	8.49	5.85	6.50	7.93	9.70	13.24	8.18	5.85	6.60	7.75	8.95	10.24
Cleaning and building service occupations .....	9.59	6.00	7.00	9.15	11.81	13.94	7.32	5.70	5.73	7.32	8.00	10.00
Supervisors, cleaning and building service workers .....	12.61	10.11	10.58	12.50	14.57	15.86	—	—	—	—	—	—
Maids and housemen .....	6.87	5.75	6.03	7.03	7.18	7.76	—	—	—	—	—	—
Janitors and cleaners .....	9.79	6.00	7.03	9.45	11.86	13.94	7.65	5.50	6.25	7.50	8.61	10.69
Personal service occupations .....	11.78	6.00	6.77	8.25	11.44	24.03	6.63	5.15	5.25	6.00	7.09	8.00
Attendants, amusement and recreation facilities .....	—	—	—	—	—	—	6.90	5.00	5.50	7.35	7.74	8.50
Welfare service aides .....	7.48	6.00	6.50	7.50	8.00	8.87	5.93	5.15	5.15	5.15	7.00	8.00
Early childhood teachers' assistants ..	7.11	6.00	6.00	6.61	7.69	8.90	8.13	5.40	5.75	6.10	10.00	14.50
Child care workers, N.E.C. ....	9.12	7.25	8.57	9.00	10.00	10.55	—	—	—	—	—	—
Service occupations, N.E.C. ....	9.80	7.39	8.49	9.43	11.55	12.41	6.94	6.00	6.00	6.50	6.75	8.00

<sup>1</sup> 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.

<sup>2</sup> 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.

<sup>3</sup> 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.

**Table A-4. Weekly and annual earnings<sup>1</sup> and hours for selected occupations, full-time workers only<sup>2</sup>, all industries, Chicago-Gary-Kenosha, IL-IN-WI, July 1997**

Occupation <sup>3</sup>	All industries					
	Mean weekly hours <sup>4</sup>	Weekly earnings		Mean annual hours	Annual earnings	
		Mean	Median		Mean	Median
<b>All occupations</b> .....	39.3	\$698	\$597	2,002	\$35,524	\$30,612
All occupations excluding sales .....	39.3	689	596	1,998	35,019	30,596
<b>White-collar occupations</b> .....	39.1	845	698	1,973	42,646	35,402
White-collar occupations excluding sales .....	39.0	842	705	1,962	42,382	35,610
Professional specialty and technical occupations .....	38.1	965	848	1,842	46,708	41,324
Professional specialty occupations .....	38.0	1,010	920	1,802	47,908	43,434
Engineers, architects, and surveyors .....	41.0	1,214	1,143	2,130	63,149	59,446
Electrical and electronic engineers .....	40.7	1,270	1,154	2,115	66,053	60,008
Industrial engineers .....	41.3	1,127	1,068	2,150	58,606	55,536
Mechanical engineers .....	40.3	1,251	1,206	2,096	65,050	62,712
Engineers, N.E.C. ....	41.3	1,101	1,085	2,148	57,274	56,410
Mathematical and computer scientists .....	40.2	1,145	1,116	2,093	59,553	58,006
Computer systems analysts and scientists .....	40.4	1,153	1,144	2,100	59,976	59,488
Operations and systems researchers and analysts .....	39.4	1,016	819	2,047	52,825	42,598
Natural scientists .....	41.1	1,166	1,037	2,136	60,651	53,914
Health related occupations .....	39.8	874	810	2,033	44,663	41,350
Physicians .....	45.0	1,586	665	2,342	82,451	34,600
Registered nurses .....	39.6	811	796	2,042	41,831	40,872
Physical therapists .....	38.9	939	1,004	2,024	48,843	52,198
Speech therapists .....	38.9	1,030	1,003	1,682	44,600	44,654
Teachers, college and university .....	33.1	1,005	928	1,532	46,541	41,792
Health specialties teachers .....	35.7	979	818	1,826	50,111	39,266
Teachers, post secondary N.E.C. ....	31.5	877	785	1,393	38,837	34,465
Teachers, except college and university .....	34.1	1,007	970	1,341	39,663	38,532
Elementary school teachers .....	33.8	1,016	980	1,295	38,971	37,800
Secondary school teachers .....	34.3	1,176	1,129	1,307	44,769	42,588
Teachers, special education .....	35.4	974	925	1,420	39,103	40,797
Teachers, N.E.C. ....	34.6	775	694	1,557	34,889	36,109
Vocational and educational counselors .....	38.6	737	741	1,885	35,984	35,973
Librarians, archivists, and curators .....	39.3	649	690	2,007	33,150	35,901
Librarians .....	39.0	629	590	1,973	31,857	27,807
Social scientists and urban planners .....	38.6	1,034	885	1,722	46,110	42,015
Psychologists .....	38.2	1,116	1,019	1,641	47,927	46,010
Social, recreation, and religious workers .....	38.3	572	560	1,993	29,754	29,141
Social workers .....	38.3	568	559	1,991	29,518	29,058
Lawyers and judges .....	40.0	1,646	1,346	2,078	85,570	69,992
Lawyers .....	40.0	1,646	1,346	2,078	85,570	69,992
Writers, authors, entertainers, athletes, and professionals, N.E.C. ....	39.4	915	826	2,051	47,576	42,973
Designers .....	39.1	858	802	2,033	44,639	41,691
Editors and reporters .....	40.5	904	816	2,104	47,019	42,432
Public relations specialists .....	38.8	868	866	2,017	45,134	45,009
Professional occupations, N.E.C. ....	39.2	930	888	2,039	48,370	46,196
Technical occupations .....	38.2	815	698	1,988	42,384	36,296
Clinical laboratory technologists and technicians .....	39.7	649	618	2,063	33,749	32,136
Radiological technicians .....	40.0	713	740	2,080	37,095	38,459
Licensed practical nurses .....	39.6	538	520	2,061	27,977	27,040
Health technologists and technicians, N.E.C. ....	39.9	527	520	2,074	27,422	27,061
Electrical and electronic technicians .....	40.0	730	732	2,080	37,953	38,085
Engineering technicians, N.E.C. ....	39.0	858	856	2,029	44,591	44,519
Drafters .....	40.1	675	688	2,084	35,109	35,797
Airplane pilots and navigators .....	24.3	1,835	1,952	1,262	95,415	101,489
Computer programmers .....	39.8	814	774	2,068	42,309	40,227
Legal assistants .....	38.8	760	733	2,018	39,541	38,111
Technical and related occupations, N.E.C. ....	39.5	772	692	2,054	40,144	36,005
Executive, administrative, and managerial occupations .....	40.2	1,116	982	2,081	57,792	50,773
Executives, administrators, and managers .....	40.7	1,351	1,210	2,103	69,824	62,005
Administrators and officials, public administration .....	39.0	1,137	1,061	2,026	59,106	55,166
Financial managers .....	40.4	1,320	1,186	2,098	68,658	61,659
Personnel and labor relations managers .....	42.8	1,480	1,317	2,225	76,963	68,497
Managers, marketing, advertising and public relations .....	40.9	1,523	1,429	2,128	79,221	74,298
Administrators, education and related fields .....	38.8	1,140	1,137	1,879	55,153	51,730
Managers, medicine and health .....	40.5	1,189	1,020	2,104	61,840	53,019

See footnotes at end of table.

**Table A-4. Weekly and annual earnings<sup>1</sup> and hours for selected occupations, full-time workers only<sup>2</sup>, all industries, Chicago-Gary-Kenosha, IL-IN-WI, July 1997 — Continued**

Occupation <sup>3</sup>	All industries					
	Mean weekly hours <sup>4</sup>	Weekly earnings		Mean annual hours	Annual earnings	
		Mean	Median		Mean	Median
<b>White-collar occupations (-Continued)</b>						
Executive, administrative, and managerial occupations (-Continued)						
Executives, administrators, and managers (-Continued)						
Managers, food servicing and lodging establishments .....	44.2	\$814	\$741	2,296	\$42,334	\$38,542
Managers, service organizations, N.E.C. ....	38.6	792	775	2,007	41,146	40,313
Managers and administrators, N.E.C. ....	41.2	1,500	1,282	2,137	77,848	66,664
Management related occupations .....	39.5	828	746	2,053	43,030	38,646
Accountants and auditors .....	39.7	798	765	2,065	41,497	39,790
Underwriters .....	38.3	736	673	1,991	38,283	35,001
Other financial officers .....	39.8	939	715	2,071	48,812	37,170
Management analysts .....	39.2	947	869	2,038	49,268	45,178
Personnel, training, and labor relations specialists .....	39.9	878	885	2,050	45,140	45,588
Buyers, wholesale and retail trade, except farm products .....	42.1	850	854	2,189	44,215	44,387
Purchasing agents and buyers, N.E.C. ....	39.8	758	622	2,068	39,411	32,323
Construction inspectors .....	40.0	807	898	2,080	41,981	46,675
Management related occupations, N.E.C. ....	38.7	797	700	2,012	41,441	36,408
Sales occupations .....	40.1	871	614	2,085	45,261	31,928
Supervisors, sales occupations .....	41.5	823	673	2,157	42,819	35,006
Advertising and related sales occupations .....	39.4	942	769	2,047	48,975	40,004
Sales occupations, other business services .....	40.0	1,920	889	2,082	99,817	46,238
Sales representatives, mining, manufacturing, and wholesale .....	40.0	1,214	932	2,081	63,117	48,485
Sales workers, motor vehicles and boats .....	43.1	820	663	2,239	42,632	34,476
Sales workers, other commodities .....	39.6	381	342	2,062	19,804	17,784
Sales counter clerks .....	39.5	380	356	2,057	19,764	18,512
Cashiers .....	39.2	296	260	2,032	15,331	13,520
Sales support occupations, N.E.C. ....	39.7	423	412	2,067	21,998	21,424
Administrative support occupations, including clerical .....	38.9	508	481	1,995	26,015	24,752
Supervisors, general office .....	39.5	702	708	2,054	36,489	36,816
Supervisors, financial records processing .....	39.4	770	681	2,051	40,042	35,402
Supervisors, distribution, scheduling, and adjusting clerks .....	39.4	724	712	2,050	37,650	37,003
Computer operators .....	39.7	618	597	2,067	32,124	31,044
Secretaries .....	38.6	536	528	1,971	27,343	27,373
Typists .....	38.3	490	482	1,989	25,487	25,085
Hotel clerks .....	40.0	321	320	2,078	16,708	16,640
Receptionists .....	39.3	439	404	2,045	22,828	21,008
Information clerks, N.E.C. ....	37.5	488	471	1,950	25,398	24,482
Order clerks .....	39.7	463	430	2,067	24,092	22,381
Personnel clerks except payroll and timekeeping .....	39.0	563	535	2,029	29,279	27,823
Library clerks .....	37.9	366	364	1,972	19,036	18,928
File clerks .....	38.5	395	384	2,000	20,516	19,989
Records clerks, N.E.C. ....	39.2	481	444	2,037	25,008	23,088
Bookkeepers, accounting and auditing clerks .....	39.1	493	476	2,035	25,633	24,752
Payroll and timekeeping clerks .....	39.4	593	621	2,049	30,861	32,266
Billing clerks .....	39.2	519	535	2,040	26,979	27,830
Mail clerks except postal service .....	39.4	372	334	2,049	19,319	17,368
Dispatchers .....	41.6	557	556	2,165	28,948	28,912
Production coordinators .....	39.9	692	648	2,075	35,966	33,696
Traffic, shipping and receiving clerks .....	40.0	555	590	2,080	28,860	30,680
Stock and inventory clerks .....	39.8	517	474	2,069	26,885	24,648
Material recording, scheduling, and distribution clerks, N.E.C. ....	40.0	381	346	2,079	19,823	17,992
Insurance adjusters, examiners, and investigators .....	37.4	642	546	1,944	33,375	28,371
Investigators and adjusters except insurance .....	39.3	560	542	2,045	29,145	28,197
Bill and account collectors .....	39.9	433	460	2,007	21,776	23,400
General office clerks .....	38.6	476	451	1,957	24,097	22,963
Bank tellers .....	38.8	336	321	2,018	17,450	16,673
Data entry keyers .....	38.6	436	385	1,953	22,072	19,760
Teachers' aides .....	34.4	353	336	1,347	13,827	13,627

See footnotes at end of table.

**Table A-4. Weekly and annual earnings<sup>1</sup> and hours for selected occupations, full-time workers only<sup>2</sup>, all industries, Chicago-Gary-Kenosha, IL-IN-WI, July 1997 — Continued**

Occupation <sup>3</sup>	All industries					
	Mean weekly hours <sup>4</sup>	Weekly earnings		Mean annual hours	Annual earnings	
		Mean	Median		Mean	Median
<b>White-collar occupations (-Continued)</b>						
Administrative support occupations, including clerical (-Continued)						
Administrative support occupations, N.E.C. ....	38.3	\$507	\$522	1,965	\$26,022	\$26,624
<b>Blue-collar occupations</b> .....						
Precision production, craft, and repair occupations .....	40.1	569	536	2,064	29,285	27,602
Supervisors, mechanics and repairers .....	40.0	758	769	2,074	39,296	39,894
Automobile mechanics .....	40.6	956	911	2,110	49,731	47,362
Bus, truck, and stationary engine mechanics .....	40.0	903	782	2,080	46,966	40,685
Heavy equipment mechanics .....	40.3	763	818	2,094	39,651	42,515
Industrial machinery repairers .....	40.0	779	760	2,080	40,512	39,499
Electronic repairers, communications and industrial equipment .....	40.1	665	673	2,083	34,591	35,006
Mechanics and repairers, N.E.C. ....	39.6	742	788	1,834	34,362	39,000
Supervisors, construction trades, N.E.C. ....	40.0	725	743	2,078	37,640	38,626
Carpenters .....	37.9	780	807	1,972	40,536	41,957
Electricians .....	40.0	914	942	2,080	47,539	48,984
Plumbers, pipefitters and steamfitters .....	40.3	897	936	2,094	46,622	48,672
Supervisors, production occupations .....	39.4	936	924	2,050	48,691	48,048
Machinists .....	41.0	872	855	2,130	45,360	44,437
Electrical and electronic equipment assemblers ..	40.8	727	758	2,120	37,794	39,395
Inspectors, testers, and graders .....	40.0	571	493	2,080	29,706	25,646
Stationary engineers .....	40.0	663	670	2,080	34,465	34,861
Machine operators, assemblers, and inspectors ..	39.5	718	602	2,054	37,344	31,304
Punching and stamping press operators .....	40.0	465	423	2,059	23,945	21,840
Grinding, abrading, buffing, and polishing machine operators .....	40.0	508	458	2,080	26,436	23,795
Numerical control machine operators .....	39.2	483	446	2,038	25,129	23,209
Fabricating machine operators, N.E.C. ....	40.0	468	438	2,080	24,321	22,776
Molding and casting machine operators .....	41.2	530	518	2,085	26,809	26,915
Printing press operators .....	40.1	405	362	1,993	20,102	18,616
Laundry and dry cleaning machine operators .....	38.9	730	623	2,024	37,940	32,409
Packaging and filling machine operators .....	40.0	274	282	2,077	14,253	14,664
Mixing and blending machine operators .....	39.1	448	425	2,032	23,307	22,124
Slicing and cutting machine operators .....	40.2	564	578	2,088	29,308	30,030
Miscellaneous machine operators, N.E.C. ....	39.7	535	461	2,066	27,821	23,962
Welders and cutters .....	39.3	479	442	2,026	24,655	22,714
Assemblers .....	40.0	627	633	2,080	32,623	32,926
Production inspectors, checkers and examiners ..	39.9	343	278	2,033	17,487	14,144
Transportation and material moving occupations .....	40.3	477	434	2,094	24,815	22,589
Truck drivers .....	40.9	642	633	2,124	33,294	32,924
Supervisors, material moving equipment .....	41.9	698	722	2,178	36,307	37,523
Operating engineers .....	40.0	725	533	2,080	37,705	27,706
Crane and tower operators .....	40.0	922	936	2,080	47,967	48,672
Industrial truck and tractor equipment operators ..	40.7	547	574	2,117	28,465	29,848
Miscellaneous material moving equipment operators, N.E.C. ....	40.2	479	475	2,091	24,913	24,679
Handlers, equipment cleaners, helpers, and laborers .....	40.5	522	540	2,104	27,137	28,080
Groundskeepers and gardeners except farm .....	39.9	462	409	2,030	23,462	20,800
Supervisors, handlers, equipment cleaners, and laborers, N.E.C. ....	40.0	414	439	1,900	19,676	20,488
Construction laborers .....	41.6	653	692	2,163	33,967	35,984
Production helpers .....	39.0	631	658	2,028	32,807	34,195
Stock handlers and baggers .....	39.9	313	269	2,072	16,272	13,998
Machine feeders and offbearers .....	39.9	393	365	1,928	18,982	18,450
Freight, stock, and material handlers, N.E.C. ....	40.0	477	446	2,080	24,816	23,171
Vehicle washers and equipment cleaners .....	40.0	658	736	2,081	34,194	38,272
Hand packers and packagers .....	39.3	354	320	2,042	18,405	16,640
Laborers except construction, N.E.C. ....	39.9	343	335	2,077	17,834	17,430
	40.0	415	400	1,992	20,687	19,344
<b>Service occupations</b> .....						
Protective service occupations .....	38.6	444	365	1,975	22,702	18,720
Supervisors, guards .....	40.7	703	728	2,093	36,152	37,814
Firefighting occupations .....	37.6	496	448	1,954	25,783	23,278
Police and detectives, public service .....	49.0	892	908	2,548	46,361	47,224
	40.1	906	939	2,083	47,103	48,818

See footnotes at end of table.

**Table A-4. Weekly and annual earnings<sup>1</sup> and hours for selected occupations, full-time workers only<sup>2</sup>, all industries, Chicago-Gary-Kenosha, IL-IN-WI, July 1997 — Continued**

Occupation <sup>3</sup>	All industries					
	Mean weekly hours <sup>4</sup>	Weekly earnings		Mean annual hours	Annual earnings	
		Mean	Median		Mean	Median
<b>Service occupations (-Continued)</b>						
Protective service occupations (-Continued)						
Guards and police except public service .....	38.7	\$333	\$290	1,934	\$16,646	\$15,113
Food service occupations .....	38.4	323	309	1,934	16,255	15,912
Supervisors, food preparation and service occupations .....						
Waiters and waitresses .....	40.4	467	458	1,971	22,805	22,339
Cooks .....	36.3	194	174	1,882	10,026	9,048
Food counter, fountain, and related occupations .....	38.6	368	420	1,965	18,722	20,774
Kitchen workers, food preparation .....	36.1	224	232	1,775	11,008	12,064
Food preparation occupations, N.E.C. ....	38.5	299	310	2,001	15,568	16,120
Health service occupations .....	39.4	296	300	1,993	14,963	15,246
Health aides, except nursing .....	38.8	344	332	1,979	17,539	16,640
Nursing aides, orderlies and attendants .....	38.1	374	364	1,859	18,248	18,319
Cleaning and building service occupations .....	39.0	332	314	2,030	17,238	16,328
Supervisors, cleaning and building service workers .....	39.2	376	365	2,040	19,567	18,990
Maids and housemen .....	39.8	502	500	2,072	26,127	26,000
Janitors and cleaners .....	38.6	266	281	2,009	13,806	14,622
Personal service occupations .....	39.3	385	375	2,043	19,997	19,506
Welfare service aides .....	35.0	413	334	1,790	21,086	16,640
Early childhood teachers' assistants .....	38.6	289	279	2,006	15,004	14,528
Child care workers, N.E.C. ....	38.8	276	260	1,896	13,491	13,395
Service occupations, N.E.C. ....	38.5	351	360	2,000	18,239	18,720
	38.4	376	358	1,837	18,007	18,509

<sup>1</sup> 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.

<sup>2</sup> 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.

<sup>3</sup> 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.

<sup>4</sup> 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.

**Table B-1. Mean hourly earnings<sup>1</sup> by occupational group and levels<sup>2</sup>, all industries, private industry, State and local government, full-time and part-time workers, Chicago-Gary-Kenosha, IL-IN-WI, July 1997**

Occupational group <sup>3</sup> and level	All workers <sup>4</sup>			All industries	
	All industries	Private industry	State and local government	Full-time workers	Part-time workers
<b>All occupations</b> .....	\$16.86	\$16.30	\$20.24	\$17.74	\$9.35
All occupations excluding sales .....	16.76	16.13	20.27	17.53	9.68
<b>White-collar occupations</b> .....	20.79	20.42	22.65	21.62	12.32
Level 1 .....	6.90	6.91	6.74	7.85	6.15
Level 2 .....	8.28	8.11	9.46	8.73	7.46
Level 3 .....	10.07	10.01	10.48	10.47	8.71
Level 4 .....	12.07	11.91	13.16	12.27	8.68
Level 5 .....	15.61	15.77	14.63	15.74	13.79
Level 6 .....	16.03	15.64	17.93	15.98	17.71
Level 7 .....	18.39	17.76	21.91	18.38	18.65
Level 8 .....	20.68	19.68	24.86	20.74	19.79
Level 9 .....	24.75	22.26	29.64	24.72	25.32
Level 10 .....	26.58	26.98	22.43	26.51	—
Level 11 .....	32.10	32.89	27.10	32.11	31.58
Level 12 .....	35.85	35.93	35.36	35.85	—
Level 13 .....	63.18	63.42	—	62.90	—
Level 14 .....	52.90	53.83	—	52.90	—
Level 15 .....	88.70	88.70	—	88.70	—
Not able to be leveled .....	27.47	28.40	22.37	28.79	16.32
White-collar occupations excluding sales .....	21.09	20.71	22.72	21.61	14.41
Level 1 .....	7.91	7.96	6.99	8.46	7.00
Level 2 .....	8.40	8.29	8.95	8.78	7.40
Level 3 .....	10.34	10.32	10.45	10.69	8.90
Level 4 .....	12.06	11.86	13.18	12.16	9.78
Level 5 .....	14.90	14.95	14.63	14.97	14.04
Level 6 .....	16.10	15.69	17.93	16.05	17.71
Level 7 .....	17.80	16.95	21.91	17.76	18.65
Level 8 .....	20.33	19.12	24.86	20.38	19.79
Level 9 .....	24.68	22.03	29.64	24.65	25.32
Level 10 .....	26.23	26.66	22.43	26.14	—
Level 11 .....	32.33	33.23	27.10	32.34	31.58
Level 12 .....	35.33	35.33	35.36	35.33	—
Level 13 .....	51.94	51.70	—	51.27	—
Level 14 .....	53.02	53.97	—	53.02	—
Level 15 .....	88.70	88.70	—	88.70	—
Not able to be leveled .....	28.50	29.70	22.37	29.90	16.55
Professional specialty and technical occupations .....	25.00	24.10	27.43	25.35	21.10
Professional specialty occupations .....	26.20	25.32	27.98	26.59	21.97
Level 5 .....	13.80	15.39	10.47	14.07	—
Level 6 .....	17.41	15.61	19.85	17.46	16.93
Level 7 .....	20.20	18.01	23.84	20.49	17.78
Level 8 .....	22.22	20.27	26.30	22.54	20.16
Level 9 .....	26.38	21.21	31.47	26.55	24.69
Level 10 .....	25.68	26.58	17.58	25.68	—
Level 11 .....	27.90	28.49	25.82	27.93	26.92
Level 12 .....	36.74	36.33	—	36.73	—
Level 13 .....	64.18	63.86	—	62.86	—
Not able to be leveled .....	29.65	30.10	—	31.80	18.30
Engineers, architects, and surveyors .....	29.64	29.65	—	29.64	—
Level 9 .....	23.76	23.75	—	23.76	—
Level 10 .....	28.59	28.00	—	28.59	—
Level 11 .....	30.01	30.12	—	30.01	—
Level 12 .....	35.41	35.41	—	35.41	—
Mathematical and computer scientists .....	28.44	28.53	—	28.46	—
Level 9 .....	22.03	22.03	—	21.82	—
Level 10 .....	27.70	27.70	—	27.70	—
Level 11 .....	29.54	29.54	—	29.56	—
Level 12 .....	39.06	39.06	—	39.06	—
Natural scientists .....	28.00	28.39	—	28.40	—
Health related occupations .....	22.18	21.57	25.49	21.97	22.83
Level 6 .....	18.02	18.17	—	18.36	17.31
Level 7 .....	19.42	18.22	—	19.73	18.83
Level 8 .....	20.26	19.72	—	20.23	20.35

See footnotes at end of table.

**Table B-1. Mean hourly earnings<sup>1</sup> by occupational group and levels<sup>2</sup>, all industries, private industry, State and local government, full-time and part-time workers, Chicago-Gary-Kenosha, IL-IN-WI, July 1997 — Continued**

Occupational group <sup>3</sup> and level	All workers <sup>4</sup>			All industries	
	All industries	Private industry	State and local government	Full-time workers	Part-time workers
<b>White-collar occupations (-Continued)</b>					
Health related occupations (-Continued)					
Level 9 .....	\$22.66	\$21.49	\$29.55	\$22.28	\$23.98
Level 10 .....	17.38	—	—	17.38	—
Level 11 .....	24.93	24.93	—	24.50	26.72
Not able to be leveled .....	23.76	23.76	—	23.34	—
Teachers, college and university .....	29.85	29.86	29.85	30.39	24.56
Level 8 .....	19.73	—	20.61	—	18.25
Level 9 .....	26.80	—	29.17	25.64	—
Level 11 .....	26.36	28.42	25.57	26.33	—
Level 12 .....	37.44	—	—	37.44	—
Teachers, except college and university .....	29.18	16.77	30.42	29.57	22.70
Level 5 .....	11.21	—	—	—	—
Level 6 .....	22.37	15.08	—	22.74	—
Level 7 .....	23.78	18.90	24.33	24.21	—
Level 8 .....	32.88	—	33.81	33.18	—
Level 9 .....	31.41	18.06	31.99	31.79	25.88
Librarians, archivists, and curators .....	16.41	—	17.47	16.52	15.66
Level 8 .....	17.51	—	17.44	17.61	—
Social scientists and urban planners .....	26.46	19.20	—	26.78	—
Level 9 .....	25.88	—	—	26.34	—
Social, religious, and recreation workers .....	14.74	13.81	16.75	14.93	—
Level 6 .....	15.27	11.00	—	15.28	—
Level 7 .....	13.58	13.49	—	13.59	—
Level 8 .....	14.79	13.15	—	14.78	—
Level 9 .....	16.19	16.15	—	16.16	—
Level 11 .....	15.56	15.56	—	—	—
Lawyers and judges .....	41.18	49.34	—	41.18	—
Level 11 .....	29.58	—	—	29.58	—
Writers, authors, entertainers, athletes, and professionals, N.E.C. ....	22.72	23.22	—	23.20	12.25
Level 9 .....	20.56	20.58	—	20.57	—
Not able to be leveled .....	28.43	29.92	—	33.75	—
Technical occupations .....	21.07	21.22	19.16	21.32	18.10
Level 3 .....	9.31	—	—	—	—
Level 4 .....	12.82	12.78	—	12.93	—
Level 5 .....	14.58	14.50	15.77	14.68	13.81
Level 6 .....	16.85	16.88	—	16.76	—
Level 7 .....	17.23	17.20	—	16.74	20.80
Level 8 .....	20.02	19.92	—	20.14	18.12
Level 9 .....	21.27	21.22	—	20.93	—
Level 11 .....	78.60	78.60	—	78.60	—
Executive, administrative, and managerial occupations ...	27.77	28.26	24.80	27.78	27.28
Level 5 .....	13.72	13.72	—	13.72	—
Level 6 .....	15.58	15.39	16.51	15.58	—
Level 7 .....	16.96	16.87	17.80	16.98	—
Level 8 .....	18.49	17.88	21.63	18.50	—
Level 9 .....	22.88	22.80	23.38	22.91	—
Level 10 .....	26.46	26.50	—	26.30	—
Level 11 .....	30.91	30.90	30.98	30.75	—
Level 12 .....	34.57	34.70	33.97	34.57	—
Level 13 .....	43.07	43.11	—	42.97	—
Level 14 .....	51.63	52.36	—	51.63	—
Level 15 .....	94.11	94.11	—	94.11	—
Not able to be leveled .....	34.77	39.63	—	34.77	—
Executives, administrators, and managers .....	33.21	33.86	29.10	33.20	34.88
Level 7 .....	16.39	16.27	—	16.39	—
Level 8 .....	18.82	18.53	21.01	18.85	—
Level 9 .....	23.15	23.12	23.28	23.20	—
Level 10 .....	26.74	26.80	—	26.52	—
Level 11 .....	31.64	31.73	30.98	31.42	—
Level 12 .....	34.78	34.99	33.97	34.78	—
Level 13 .....	42.76	42.81	—	42.65	—
Level 14 .....	51.32	52.11	—	51.32	—

See footnotes at end of table.

**Table B-1. Mean hourly earnings<sup>1</sup> by occupational group and levels<sup>2</sup>, all industries, private industry, State and local government, full-time and part-time workers, Chicago-Gary-Kenosha, IL-IN-WI, July 1997 — Continued**

Occupational group <sup>3</sup> and level	All workers <sup>4</sup>			All industries	
	All industries	Private industry	State and local government	Full-time workers	Part-time workers
<b>White-collar occupations (-Continued)</b>					
Executives, administrators, and managers (-Continued)					
Level 15 .....	\$94.11	\$94.11	—	\$94.11	—
Not able to be leveled .....	40.95	45.16	—	40.95	—
Management related occupations .....	20.94	21.14	\$19.78	20.96	—
Level 5 .....	13.72	13.72	—	13.72	—
Level 6 .....	15.86	15.71	16.51	15.86	—
Level 7 .....	17.10	17.02	—	17.12	—
Level 8 .....	18.30	17.48	21.84	18.30	—
Level 9 .....	22.59	22.48	—	22.59	—
Level 10 .....	25.85	25.61	—	25.85	—
Level 11 .....	28.87	28.87	—	28.87	—
Level 12 .....	33.27	33.27	—	33.27	—
Not able to be leveled .....	22.52	26.31	—	22.52	—
Sales occupations .....	18.46	18.52	11.83	21.71	\$7.05
Level 1 .....	6.13	6.13	—	6.90	5.80
Level 2 .....	8.00	7.72	—	8.57	7.53
Level 3 .....	8.31	8.24	—	8.44	8.13
Level 4 .....	12.14	12.15	—	12.91	—
Level 5 .....	20.64	20.64	—	21.12	—
Level 6 .....	15.21	15.21	—	15.21	—
Level 7 .....	22.90	22.90	—	22.90	—
Level 8 .....	24.40	24.40	—	24.40	—
Level 9 .....	26.61	26.61	—	26.61	—
Level 10 .....	28.81	28.81	—	28.81	—
Level 11 .....	29.26	29.26	—	29.26	—
Administrative support occupations, including clerical .....	12.62	12.60	12.76	13.04	9.20
Level 1 .....	7.91	7.96	6.99	8.46	7.00
Level 2 .....	8.41	8.31	8.95	8.80	7.40
Level 3 .....	10.38	10.37	10.45	10.70	9.04
Level 4 .....	12.00	11.78	13.18	12.10	9.71
Level 5 .....	15.30	15.26	15.50	15.37	14.48
Level 6 .....	15.17	15.17	15.23	15.12	—
Level 7 .....	16.49	16.29	18.19	16.48	—
Level 8 .....	18.10	18.13	—	18.10	—
Level 9 .....	24.06	24.06	—	22.55	—
Not able to be leveled .....	13.83	14.12	—	14.68	8.64
<b>Blue-collar occupations</b> .....	13.66	13.50	16.34	14.19	7.49
Level 1 .....	7.56	7.47	10.66	7.87	6.19
Level 2 .....	10.48	10.14	15.56	10.76	7.49
Level 3 .....	13.66	13.73	11.94	13.93	9.68
Level 4 .....	14.72	14.70	15.10	14.87	11.46
Level 5 .....	15.91	15.84	16.72	15.99	12.97
Level 6 .....	19.14	19.08	—	19.18	—
Level 7 .....	20.49	20.56	19.99	20.50	—
Level 8 .....	22.28	22.10	—	22.28	—
Level 9 .....	25.09	25.12	—	25.09	—
Not able to be leveled .....	17.91	17.91	—	18.17	—
Precision production, craft, and repair occupations .....	18.91	18.84	19.62	18.95	—
Level 4 .....	14.22	14.26	—	14.22	—
Level 5 .....	16.13	15.81	17.81	16.35	—
Level 6 .....	20.51	20.55	—	20.61	—
Level 7 .....	20.64	20.69	20.28	20.64	—
Level 8 .....	22.59	22.40	—	22.59	—
Level 9 .....	24.76	24.79	—	24.76	—
Machine operators, assemblers, and inspectors .....	11.58	11.58	—	11.63	7.74
Level 1 .....	7.15	7.12	—	7.17	—
Level 2 .....	9.99	9.99	—	10.00	—
Level 3 .....	13.00	13.00	—	13.00	—
Level 4 .....	14.17	14.17	—	14.17	—
Level 5 .....	15.26	15.29	—	15.30	—
Level 6 .....	15.56	15.56	—	15.56	—

See footnotes at end of table.

**Table B-1. Mean hourly earnings<sup>1</sup> by occupational group and levels<sup>2</sup>, all industries, private industry, State and local government, full-time and part-time workers, Chicago-Gary-Kenosha, IL-IN-WI, July 1997 — Continued**

Occupational group <sup>3</sup> and level	All workers <sup>4</sup>			All industries	
	All industries	Private industry	State and local government	Full-time workers	Part-time workers
<b>Blue-collar occupations</b> (-Continued)					
Machine operators, assemblers, and inspectors (-Continued)					
Level 7 .....	\$18.97	\$18.97	—	\$18.97	—
Transportation and material moving occupations .....					
Level 1 .....	14.92	14.84	\$15.51	15.68	\$9.59
Level 2 .....	7.38	7.38	—	7.54	—
Level 3 .....	12.04	10.57	—	13.41	7.45
Level 4 .....	11.36	11.46	—	11.63	10.01
Level 5 .....	15.78	15.90	—	16.68	—
Level 6 .....	17.24	17.34	—	17.24	—
Level 7 .....	20.15	20.15	—	20.15	—
Handlers, equipment cleaners, helpers, and laborers .....					
Level 1 .....	20.93	21.01	—	20.93	—
Level 2 .....	10.64	10.54	12.63	11.56	6.68
Level 3 .....	7.83	7.70	10.66	8.48	6.15
Level 4 .....	10.26	10.18	—	10.74	7.47
Level 5 .....	15.04	15.04	—	15.46	9.35
Level 6 .....	15.32	15.23	—	15.43	—
Level 7 .....	14.55	14.38	—	14.67	—
Level 8 .....	17.96	—	—	18.06	—
<b>Service occupations</b> .....					
Level 1 .....	10.48	8.52	16.64	11.50	6.65
Level 2 .....	6.95	6.82	8.67	7.63	5.90
Level 3 .....	7.38	7.05	9.98	7.62	6.72
Level 4 .....	8.69	7.84	12.24	9.12	6.51
Level 5 .....	10.67	10.68	10.56	11.09	7.62
Level 6 .....	17.09	18.35	14.66	18.33	9.30
Level 7 .....	15.01	13.92	16.59	15.20	—
Level 8 .....	16.69	11.81	19.24	16.78	13.69
Level 9 .....	22.10	—	22.47	22.18	—
Level 10 .....	23.39	—	—	23.39	—
Protective service occupations .....					
Level 1 .....	28.48	—	28.48	28.48	—
Level 2 .....	16.24	8.65	20.04	17.27	8.51
Level 3 .....	10.09	10.24	—	—	—
Level 4 .....	6.70	6.70	—	—	6.88
Level 5 .....	10.38	—	—	10.78	8.18
Level 6 .....	10.25	—	9.49	—	9.66
Level 7 .....	13.75	—	15.41	15.05	9.81
Level 8 .....	16.84	16.88	16.82	17.51	—
Level 9 .....	19.10	—	19.28	19.34	13.69
Level 10 .....	22.55	—	22.55	22.55	—
Food service occupations .....					
Level 1 .....	7.57	7.52	9.07	8.41	5.75
Level 2 .....	5.54	5.54	—	6.00	5.25
Level 3 .....	6.39	6.37	7.10	6.34	6.48
Level 4 .....	7.23	7.22	—	7.89	5.30
Level 5 .....	9.16	9.14	—	—	5.66
Level 6 .....	10.45	10.45	—	—	—
Health service occupations .....					
Level 1 .....	14.05	14.05	—	14.05	—
Level 2 .....	8.73	8.09	11.71	8.86	7.92
Level 3 .....	7.22	6.82	—	7.35	—
Level 4 .....	7.32	7.14	9.62	7.34	7.19
Cleaning and building service occupations .....					
Level 1 .....	9.11	8.48	11.05	9.29	7.67
Level 2 .....	10.26	9.54	—	10.50	8.96
Level 3 .....	9.29	8.78	11.33	9.59	7.32
Level 4 .....	8.01	7.87	9.40	8.25	6.86
Level 5 .....	10.09	9.63	10.89	10.30	8.61
Level 6 .....	10.58	8.55	13.09	10.82	—
Level 7 .....	9.17	9.17	—	—	—
Level 8 .....	12.15	—	—	12.15	—
Personal service occupations .....					
Level 1 .....	10.37	10.53	9.30	11.78	6.63
Level 2 .....	6.19	6.01	7.20	—	6.29
Level 3 .....	7.25	6.88	9.15	7.80	6.29
Level 4 .....	8.25	8.05	9.49	8.30	7.95
Level 5 .....	15.54	15.94	—	15.99	7.73

See footnotes at end of table.

**Table B-1. Mean hourly earnings<sup>1</sup> by occupational group and levels<sup>2</sup>, all industries, private industry, State and local government, full-time and part-time workers, Chicago-Gary-Kenosha, IL-IN-WI, July 1997 — Continued**

Occupational group <sup>3</sup> and level	All workers <sup>4</sup>			All industries	
	All industries	Private industry	State and local government	Full-time workers	Part-time workers
<b>Service occupations (-Continued)</b>					
Personal service occupations (-Continued)					
Level 5 .....	—	—	\$11.40	—	—

<sup>1</sup> 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.

<sup>2</sup> 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.

<sup>3</sup> 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.

<sup>4</sup> 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.

**Table B-2. Mean hourly earnings<sup>1</sup> for selected occupations and levels<sup>2</sup>, all industries, private industry, State and local government, full-time and part-time workers, Chicago-Gary-Kenosha, IL-IN-WI, July 1997**

Occupation <sup>3</sup> and level	All workers <sup>4</sup>			All industries	
	All industries	Private industry	State and local government	Full-time workers	Part-time workers
<b>White-collar occupations:</b>					
Professional specialty and technical occupations:					
Professional specialty occupations:					
Electrical and electronic engineers .....	\$31.23	\$31.23	—	\$31.23	—
Level 11 .....	32.60	32.60	—	32.60	—
Industrial engineers .....	27.26	27.26	—	27.26	—
Mechanical engineers .....	31.04	30.94	—	31.04	—
Engineers, N.E.C. ....	26.66	26.72	—	26.66	—
Level 9 .....	22.03	21.88	—	22.03	—
Level 11 .....	28.94	28.94	—	28.94	—
Level 12 .....	31.43	31.43	—	31.43	—
Computer systems analysts and scientists .....	28.54	28.64	—	28.56	—
Level 9 .....	22.20	22.20	—	21.96	—
Level 10 .....	27.73	27.73	—	27.73	—
Level 11 .....	29.70	29.70	—	29.73	—
Level 12 .....	40.13	40.13	—	40.13	—
Operations and systems researchers and analysts .....	25.81	25.81	—	25.81	—
Physicians .....	40.15	47.89	—	35.21	—
Registered nurses .....	20.50	19.95	\$24.05	20.49	\$20.52
Level 6 .....	18.59	18.60	—	19.09	—
Level 7 .....	19.58	18.12	—	19.96	18.83
Level 8 .....	20.16	19.55	—	20.12	20.27
Level 9 .....	21.26	20.70	—	20.80	22.70
Pharmacists .....	30.56	30.56	—	—	—
Respiratory therapists .....	15.84	—	—	—	—
Occupational therapists .....	25.55	23.67	—	—	—
Physical therapists .....	23.33	23.33	—	24.13	—
Speech therapists .....	26.46	21.02	—	26.52	—
Level 9 .....	27.14	—	—	—	—
Therapists, N.E.C. ....	16.00	16.02	—	—	—
Health specialties teachers .....	27.46	—	23.82	27.44	—
Teachers, post secondary N.E.C. ....	27.67	31.22	25.44	27.88	—
Level 11 .....	25.53	—	24.91	25.49	—
Prekindergarten and kindergarten .....	27.36	—	—	—	—
Elementary school teachers .....	30.14	15.51	30.66	30.09	—
Level 9 .....	33.01	—	33.39	33.16	—
Secondary school teachers .....	34.23	20.63	—	34.26	—
Level 9 .....	31.73	—	—	—	—
Teachers, special education .....	27.55	—	—	27.55	—
Teachers, N.E.C. ....	22.05	18.11	22.42	22.41	19.19
Level 8 .....	17.03	—	17.03	—	—
Level 9 .....	24.78	30.21	—	—	21.12
Vocational and educational counselors .....	19.08	—	—	19.09	—
Librarians .....	15.83	—	17.41	16.15	13.48
Level 8 .....	17.94	—	17.89	18.33	—
Psychologists .....	28.69	—	—	29.20	—
Level 9 .....	27.14	—	—	—	—
Social workers .....	14.81	13.87	16.75	14.83	14.15
Level 6 .....	15.27	11.00	—	15.28	—
Level 7 .....	13.58	13.49	—	13.59	—
Level 8 .....	14.79	13.15	—	14.78	—
Level 9 .....	15.58	15.48	—	15.52	—
Lawyers .....	41.18	49.34	—	41.18	—
Level 11 .....	29.58	—	—	29.58	—
Designers .....	21.95	21.95	—	21.95	—
Editors and reporters .....	22.32	22.57	—	22.35	—
Level 9 .....	18.87	—	—	—	—
Public relations specialists .....	22.38	24.04	—	22.38	—
Technical occupations:					
Clinical laboratory technologists and technicians .....	16.61	16.63	—	16.36	17.95
Level 8 .....	18.47	18.47	—	—	—
Level 9 .....	20.02	20.02	—	19.89	—
Radiological technicians .....	18.22	18.48	—	17.83	19.34
Level 5 .....	15.12	15.12	—	—	—

See footnotes at end of table.

**Table B-2. Mean hourly earnings<sup>1</sup> for selected occupations and levels<sup>2</sup>, all industries, private industry, State and local government, full-time and part-time workers, Chicago-Gary-Kenosha, IL-IN-WI, July 1997 — Continued**

Occupation <sup>3</sup> and level	All workers <sup>4</sup>			All industries	
	All industries	Private industry	State and local government	Full-time workers	Part-time workers
<b>White-collar occupations: (-Continued)</b>					
<b>Technical occupations: (-Continued)</b>					
<b>Radiological technicians (-Continued)</b>					
Level 6 .....	\$19.39	—	—	—	—
Level 7 .....	20.11	\$20.11	—	—	—
Licensed practical nurses .....	13.51	13.49	—	\$13.57	—
Level 5 .....	13.13	13.06	—	—	—
Level 7 .....	13.32	13.32	—	—	—
Health technologists and technicians, N.E.C. ....	13.17	13.16	—	13.22	\$12.70
Level 4 .....	11.35	—	—	—	—
Level 5 .....	13.26	13.31	—	12.85	—
Electrical and electronic technicians .....	18.23	18.25	—	18.25	—
Engineering technicians, N.E.C. ....	21.98	22.76	—	21.98	—
Drafters .....	16.84	16.84	—	16.84	—
Airplane pilots and navigators .....	75.62	75.62	—	75.62	—
Computer programmers .....	20.96	20.91	—	20.46	—
Level 9 .....	21.40	21.40	—	20.19	—
Legal assistants .....	19.47	20.15	—	19.59	—
Level 7 .....	17.95	17.95	—	17.95	—
Technical and related occupations, N.E.C. ....	19.40	19.56	\$15.98	19.55	—
Level 6 .....	16.12	16.20	—	16.12	—
<b>Executive, administrative, and managerial occupations:</b>					
Administrators and officials, public administration	29.84	—	28.23	29.17	—
Financial managers .....	32.72	32.73	—	32.72	—
Level 9 .....	22.69	22.69	—	22.69	—
Level 10 .....	24.39	24.39	—	24.39	—
Level 11 .....	33.68	33.73	—	33.68	—
Level 12 .....	35.55	35.55	—	35.55	—
Level 13 .....	43.34	43.34	—	43.34	—
Personnel and labor relations managers .....	34.60	34.78	—	34.60	—
Managers, marketing, advertising and public relations .....	37.18	37.27	—	37.23	—
Level 12 .....	37.03	37.11	—	37.03	—
Administrators, education and related fields .....	29.13	23.97	31.25	29.36	—
Level 9 .....	22.85	21.62	—	23.01	—
Level 11 .....	27.72	—	—	27.72	—
Level 12 .....	35.62	29.76	—	35.62	—
Managers, medicine and health .....	29.47	30.20	—	29.39	—
Level 8 .....	18.54	—	—	18.54	—
Level 11 .....	32.17	32.17	—	32.17	—
Managers, food servicing and lodging establishments .....	18.44	18.44	—	18.44	—
Managers, service organizations, N.E.C. ....	20.50	20.32	—	20.50	—
Level 9 .....	19.14	—	—	19.14	—
Managers and administrators, N.E.C. ....	36.44	36.89	28.42	36.44	—
Level 8 .....	19.78	19.27	—	19.78	—
Level 9 .....	24.07	24.23	—	24.07	—
Level 10 .....	27.98	27.98	—	27.61	—
Level 11 .....	31.74	31.76	—	31.74	—
Level 12 .....	35.74	36.21	—	35.74	—
Level 13 .....	43.67	43.67	—	43.67	—
Level 14 .....	54.71	54.71	—	54.71	—
Level 15 .....	90.03	90.03	—	90.03	—
Not able to be leveled .....	45.29	45.29	—	45.29	—
Accountants and auditors .....	20.10	19.87	21.37	20.10	—
Level 6 .....	18.41	18.84	—	18.41	—
Level 7 .....	16.19	15.92	—	16.19	—
Level 8 .....	17.07	16.68	—	17.07	—
Level 9 .....	20.65	20.16	—	20.65	—
Underwriters .....	19.23	19.23	—	19.23	—
Other financial officers .....	23.57	23.62	—	23.57	—
Level 6 .....	14.63	14.63	—	14.63	—
Level 8 .....	17.06	—	—	17.06	—
Management analysts .....	24.18	24.13	—	24.18	—
Level 9 .....	24.24	—	—	24.24	—

See footnotes at end of table.

**Table B-2. Mean hourly earnings<sup>1</sup> for selected occupations and levels<sup>2</sup>, all industries, private industry, State and local government, full-time and part-time workers, Chicago-Gary-Kenosha, IL-IN-WI, July 1997 — Continued**

Occupation <sup>3</sup> and level	All workers <sup>4</sup>			All industries	
	All industries	Private industry	State and local government	Full-time workers	Part-time workers
<b>White-collar occupations: (-Continued)</b>					
Executive, administrative, and managerial occupations: (-Continued)					
Personnel, training, and labor relations specialists .....	\$21.87	\$21.61	—	\$22.02	—
Level 8 .....	18.05	18.05	—	18.05	—
Level 9 .....	23.74	23.74	—	23.74	—
Level 10 .....	26.76	—	—	26.76	—
Buyers, wholesale and retail trade, except farm products .....	20.20	20.20	—	20.20	—
Purchasing agents and buyers, N.E.C. ....	19.06	18.69	—	19.06	—
Construction inspectors .....	20.18	—	—	20.18	—
Management related occupations, N.E.C. ....	20.57	21.39	\$17.16	20.60	—
Level 6 .....	14.09	11.88	—	14.09	—
Level 7 .....	15.98	—	—	15.98	—
Level 8 .....	18.62	18.89	—	18.63	—
Level 9 .....	21.70	21.73	—	21.70	—
Level 10 .....	25.47	25.47	—	25.47	—
Sales occupations:					
Supervisors, sales occupations .....	19.32	19.32	—	19.86	—
Level 9 .....	28.01	28.01	—	28.01	—
Insurance sales occupations .....	16.13	16.13	—	—	—
Advertising and related sales occupations .....	23.50	23.50	—	23.93	—
Sales occupations, other business services .....	47.33	47.33	—	47.94	—
Sales representatives, mining, manufacturing, and wholesale .....	30.33	30.33	—	30.33	—
Level 5 .....	41.38	41.38	—	41.38	—
Level 10 .....	28.82	28.82	—	28.82	—
Sales workers, motor vehicles and boats .....	19.04	19.04	—	19.04	—
Sales workers, other commodities .....	8.15	8.17	—	9.61	\$6.64
Level 1 .....	6.11	6.11	—	6.61	—
Level 3 .....	7.82	7.82	—	—	—
Sales counter clerks .....	7.83	7.83	—	9.61	—
Level 3 .....	9.54	9.54	—	—	—
Cashiers .....	7.60	7.35	12.66	7.54	7.64
Level 1 .....	6.12	6.11	—	—	5.72
Level 2 .....	8.41	7.92	—	—	—
Level 3 .....	7.59	7.41	—	—	8.78
Sales support occupations, N.E.C. ....	10.62	10.62	—	10.64	—
Administrative support occupations, including clerical:					
Supervisors, general office .....	17.75	17.48	—	17.77	—
Supervisors, financial records processing .....	19.53	19.63	—	19.53	—
Supervisors, distribution, scheduling, and adjusting clerks .....	18.37	19.05	—	18.37	—
Computer operators .....	15.54	14.74	—	15.54	—
Level 4 .....	12.75	—	—	—	—
Secretaries .....	13.80	14.11	12.07	13.87	13.17
Level 3 .....	10.33	10.47	9.74	10.82	—
Level 4 .....	11.38	11.32	11.59	11.36	11.75
Level 5 .....	15.98	16.09	—	15.74	18.10
Level 6 .....	15.49	15.49	—	15.01	—
Level 7 .....	16.94	16.75	—	16.94	—
Typists .....	11.59	11.80	—	12.81	—
Level 2 .....	8.61	—	—	—	—
Level 3 .....	12.56	—	—	—	—
Interviewers .....	9.89	9.89	—	—	—
Level 4 .....	10.57	—	—	—	—
Hotel clerks .....	8.04	8.04	—	8.04	—
Transportation ticket and reservation agents .....	10.16	10.16	—	—	—
Receptionists .....	10.37	10.21	12.25	11.16	9.09
Level 1 .....	7.88	8.13	—	—	7.74
Level 2 .....	8.87	8.91	—	—	8.12
Level 3 .....	9.88	9.93	—	10.45	8.71
Level 4 .....	12.84	12.15	—	13.02	—
Information clerks, N.E.C. ....	12.80	12.76	—	13.02	—

See footnotes at end of table.

**Table B-2. Mean hourly earnings<sup>1</sup> for selected occupations and levels<sup>2</sup>, all industries, private industry, State and local government, full-time and part-time workers, Chicago-Gary-Kenosha, IL-IN-WI, July 1997 — Continued**

Occupation <sup>3</sup> and level	All workers <sup>4</sup>			All industries	
	All industries	Private industry	State and local government	Full-time workers	Part-time workers
<b>White-collar occupations: (-Continued)</b>					
Administrative support occupations, including clerical: (-Continued)					
Information clerks, N.E.C. (-Continued)					
Level 3 .....	\$9.54	\$9.53	—	—	—
Level 4 .....	12.17	12.17	—	\$12.41	—
Order clerks .....	11.61	11.61	—	11.66	\$8.85
Level 2 .....	9.43	9.43	—	—	—
Level 3 .....	10.68	10.68	—	10.80	—
Level 4 .....	10.99	10.99	—	10.99	—
Personnel clerks except payroll and timekeeping	14.43	14.17	—	14.43	—
Library clerks .....	9.17	8.67	\$9.39	9.65	8.65
Level 1 .....	6.93	—	6.99	—	6.83
Level 2 .....	7.26	—	7.42	—	7.00
Level 3 .....	8.04	—	7.85	—	7.76
Level 4 .....	10.45	—	11.05	10.52	—
File clerks .....	9.56	9.56	—	10.26	—
Records clerks, N.E.C. ....	12.16	11.45	14.97	12.28	—
Level 3 .....	9.91	9.96	—	9.80	—
Level 4 .....	14.11	12.18	—	14.21	—
Bookkeepers, accounting and auditing clerks .....	12.13	12.14	11.92	12.60	—
Level 2 .....	8.01	7.67	—	10.51	—
Level 3 .....	10.98	10.98	—	10.98	—
Level 4 .....	11.86	11.88	—	11.95	—
Level 5 .....	13.24	13.50	—	13.24	—
Payroll and timekeeping clerks .....	14.63	14.44	—	15.06	—
Level 4 .....	14.40	14.40	—	14.40	—
Billing clerks .....	12.80	12.80	—	13.22	—
Level 4 .....	11.22	11.22	—	—	—
Telephone operators .....	11.99	11.99	—	—	—
Mail clerks except postal service .....	9.39	9.39	—	9.43	—
Dispatchers .....	12.69	13.70	12.05	13.37	—
Production coordinators .....	17.34	17.34	—	17.34	—
Traffic, shipping and receiving clerks .....	13.87	13.87	—	13.87	—
Level 4 .....	15.44	15.44	—	15.44	—
Stock and inventory clerks .....	11.87	11.82	—	12.99	—
Level 3 .....	—	—	—	10.19	—
Level 4 .....	11.81	11.81	—	11.97	—
Level 5 .....	15.06	—	—	15.06	—
Material recording, scheduling, and distribution clerks, N.E.C. ....	9.57	9.52	—	9.54	—
Insurance adjusters, examiners, and investigators .....	17.76	17.76	—	17.16	—
Investigators and adjusters except insurance .....	13.47	13.47	—	14.25	—
Level 5 .....	13.03	13.03	—	—	—
Bill and account collectors .....	10.69	10.60	—	10.85	—
General office clerks .....	11.80	11.40	12.75	12.32	8.19
Level 2 .....	7.92	8.26	—	8.44	—
Level 3 .....	10.50	10.28	10.91	10.68	9.61
Level 4 .....	12.15	11.53	13.57	12.24	—
Level 5 .....	15.55	14.41	—	15.55	—
Bank tellers .....	8.19	8.19	—	8.65	7.04
Level 3 .....	8.39	8.39	—	—	—
Data entry keyers .....	10.84	10.95	—	11.30	7.94
Level 2 .....	8.44	8.24	—	8.69	7.75
Level 3 .....	12.01	12.07	—	12.31	—
Teachers' aides .....	10.18	—	10.38	10.26	9.33
Administrative support occupations, N.E.C. ....	13.09	12.90	13.76	13.24	11.41
Level 3 .....	10.48	10.91	—	—	—
Level 4 .....	12.05	12.27	—	12.34	—
Level 5 .....	14.85	15.22	—	14.77	—
Level 6 .....	15.51	15.01	—	15.56	—
Level 7 .....	16.66	16.98	—	16.66	—
Professional occupations, N.E.C. ....	23.72	23.68	—	23.72	—

See footnotes at end of table.

**Table B-2. Mean hourly earnings<sup>1</sup> for selected occupations and levels<sup>2</sup>, all industries, private industry, State and local government, full-time and part-time workers, Chicago-Gary-Kenosha, IL-IN-WI, July 1997 — Continued**

Occupation <sup>3</sup> and level	All workers <sup>4</sup>			All industries	
	All industries	Private industry	State and local government	Full-time workers	Part-time workers
<b>Blue-collar occupations:</b>					
Precision production, craft, and repair occupations:					
Supervisors, mechanics and repairers .....	\$23.57	\$24.07	—	\$23.57	—
Level 7 .....	24.25	—	—	24.25	—
Level 9 .....	25.97	—	—	25.97	—
Automobile mechanics .....	22.58	22.64	—	22.58	—
Level 7 .....	17.61	17.50	—	17.61	—
Bus, truck, and stationary engine mechanics .....	18.94	18.98	—	18.94	—
Level 7 .....	19.71	19.71	—	19.71	—
Heavy equipment mechanics .....	19.48	—	—	19.48	—
Industrial machinery repairers .....	16.61	16.61	—	16.61	—
Level 7 .....	16.60	16.60	—	16.60	—
Electronic repairers, communications and industrial equipment .....	18.73	18.73	—	18.73	—
Mechanical controls and valve repairers .....	17.13	—	—	—	—
Mechanics and repairers, N.E.C. ....	18.11	18.05	—	18.11	—
Level 7 .....	18.95	19.31	—	18.95	—
Supervisors, construction trades, N.E.C. ....	20.56	20.57	—	20.56	—
Carpenters .....	22.86	22.22	—	22.86	—
Level 7 .....	22.86	22.22	—	22.86	—
Electricians .....	22.15	23.00	—	22.26	—
Level 7 .....	22.86	23.97	—	22.86	—
Plumbers, pipefitters and steamfitters .....	23.75	—	—	23.75	—
Level 7 .....	25.12	—	—	25.12	—
Supervisors, production occupations .....	21.29	21.29	—	21.29	—
Level 7 .....	22.04	22.04	—	22.04	—
Machinists .....	17.83	17.49	—	17.83	—
Level 7 .....	18.61	18.04	—	18.61	—
Electrical and electronic equipment assemblers ..	14.28	14.28	—	14.28	—
Inspectors, testers, and graders .....	16.57	16.57	—	16.57	—
Stationary engineers .....	18.18	—	—	18.18	—
Machine operators, assemblers, and inspectors:					
Punching and stamping press operators .....	12.71	12.71	—	12.71	—
Level 4 .....	13.11	13.11	—	13.11	—
Grinding, abrading, buffing, and polishing machine operators .....	12.12	12.12	—	12.33	—
Numerical control machine operators .....	11.69	11.69	—	11.69	—
Fabricating machine operators, N.E.C. ....	12.86	12.86	—	12.86	—
Level 4 .....	14.10	14.10	—	14.10	—
Molding and casting machine operators .....	10.08	10.08	—	10.08	—
Printing press operators .....	18.75	19.20	—	18.75	—
Laundering and dry cleaning machine operators	6.82	6.61	—	6.86	—
Level 1 .....	7.87	6.82	—	8.23	—
Packaging and filling machine operators .....	11.55	11.55	—	11.47	—
Mixing and blending machine operators .....	14.00	14.00	—	14.04	—
Slicing and cutting machine operators .....	13.47	13.47	—	13.47	—
Miscellaneous machine operators, N.E.C. ....	12.17	12.17	—	12.17	—
Level 1 .....	7.48	7.48	—	7.48	—
Level 2 .....	9.58	9.58	—	9.58	—
Level 3 .....	10.32	10.32	—	10.32	—
Level 4 .....	16.06	16.06	—	16.06	—
Level 5 .....	15.52	15.52	—	15.52	—
Welders and cutters .....	15.68	15.68	—	15.68	—
Level 3 .....	15.87	15.87	—	15.87	—
Level 4 .....	17.54	17.54	—	17.54	—
Level 5 .....	17.01	17.01	—	17.01	—
Assemblers .....	8.52	8.52	—	8.60	—
Level 1 .....	6.49	6.49	—	6.52	—
Level 2 .....	9.65	9.65	—	9.70	—
Production inspectors, checkers and examiners ..	11.85	11.85	—	11.85	—
Level 3 .....	9.48	9.48	—	9.48	—
Level 4 .....	10.47	10.47	—	10.47	—
Transportation and material moving occupations:					
Truck drivers .....	16.58	16.96	\$13.00	16.67	—

See footnotes at end of table.

**Table B-2. Mean hourly earnings<sup>1</sup> for selected occupations and levels<sup>2</sup>, all industries, private industry, State and local government, full-time and part-time workers, Chicago-Gary-Kenosha, IL-IN-WI, July 1997 — Continued**

Occupation <sup>3</sup> and level	All workers <sup>4</sup>			All industries	
	All industries	Private industry	State and local government	Full-time workers	Part-time workers
<b>Blue-collar occupations: (-Continued)</b>					
Transportation and material moving occupations:					
(-Continued)					
Truck drivers (-Continued)					
Level 2 .....	\$15.66	\$15.66	—	—	—
Level 3 .....	11.60	11.91	—	\$11.38	—
Level 4 .....	20.21	20.36	—	20.44	—
Level 5 .....	18.09	18.09	—	18.09	—
Bus drivers .....	12.96	10.06	—	—	\$10.61
Level 2 .....	14.73	—	—	—	—
Supervisors, material moving equipment .....	18.13	18.13	—	18.13	—
Operating engineers .....	23.06	23.26	—	23.06	—
Crane and tower operators .....	13.45	13.45	—	13.45	—
Industrial truck and tractor equipment operators ..	11.82	11.82	—	11.91	—
Level 2 .....	11.09	11.09	—	11.12	—
Level 3 .....	12.27	12.27	—	12.82	—
Level 4 .....	13.76	13.76	—	13.76	—
Miscellaneous material moving equipment operators, N.E.C. ....	12.59	12.13	—	12.90	—
Handlers, equipment cleaners, helpers, and laborers:					
Groundskeepers and gardeners except farm .....	9.50	9.85	\$8.75	10.35	6.95
Level 1 .....	6.76	—	6.93	—	6.92
Supervisors, handlers, equipment cleaners, and laborers, N.E.C. ....	15.71	—	—	15.71	—
Construction laborers .....	16.18	16.04	—	16.18	—
Production helpers .....	7.85	7.85	—	7.85	—
Level 1 .....	7.00	7.00	—	7.00	—
Stock handlers and baggers .....	8.71	8.67	—	9.84	6.55
Level 1 .....	7.14	7.14	—	8.61	6.34
Level 2 .....	9.18	9.18	—	9.18	—
Level 3 .....	9.01	9.01	—	9.24	7.79
Level 4 .....	12.18	11.84	—	12.18	—
Level 5 .....	10.75	10.75	—	—	—
Machine feeders and offbearers .....	11.93	11.93	—	11.93	—
Freight, stock, and material handlers, N.E.C. ....	15.75	15.75	—	16.43	10.12
Level 1 .....	12.66	11.87	—	—	—
Level 2 .....	9.17	9.17	—	9.70	—
Level 4 .....	16.71	16.71	—	—	—
Vehicle washers and equipment cleaners .....	8.78	8.78	—	9.01	—
Hand packers and packagers .....	8.51	8.51	—	8.59	—
Level 1 .....	8.19	8.19	—	8.26	—
Laborers except construction, N.E.C. ....	8.82	8.38	12.12	10.39	—
Level 1 .....	7.61	7.29	11.32	8.84	—
Level 2 .....	10.15	9.73	—	11.94	—
Level 3 .....	13.96	—	—	13.96	—
<b>Service occupations:</b>					
Protective service occupations:					
Supervisors, guards .....	12.86	12.91	—	13.20	—
Firefighting occupations .....	17.54	—	17.54	18.19	—
Police and detectives, public service .....	22.61	—	22.61	22.61	—
Level 8 .....	22.70	—	22.70	22.70	—
Guards and police except public service .....	8.67	8.07	13.65	8.61	8.87
Level 3 .....	9.67	—	—	9.90	—
Level 7 .....	13.69	—	—	—	13.69
Protective service occupations, N.E.C. ....	12.55	—	14.39	—	7.61
Level 4 .....	8.83	—	8.83	—	8.83
Food service occupations:					
Supervisors, food preparation and service occupations .....	11.34	11.53	—	11.57	—
Level 5 .....	10.45	10.45	—	—	—
Level 6 .....	14.05	14.05	—	14.05	—
Bartenders .....	9.20	9.20	—	—	6.14
Waiters and waitresses .....	4.66	4.67	—	5.33	3.85

See footnotes at end of table.

**Table B-2. Mean hourly earnings<sup>1</sup> for selected occupations and levels<sup>2</sup>, all industries, private industry, State and local government, full-time and part-time workers, Chicago-Gary-Kenosha, IL-IN-WI, July 1997 — Continued**

Occupation <sup>3</sup> and level	All workers <sup>4</sup>			All industries	
	All industries	Private industry	State and local government	Full-time workers	Part-time workers
<b>Service occupations: (-Continued)</b>					
Food service occupations: (-Continued)					
Waiters and waitresses (-Continued)					
Level 1 .....	\$4.34	\$4.34	—	—	\$4.33
Level 2 .....	3.79	3.79	—	\$3.97	—
Level 3 .....	6.17	6.17	—	—	—
Cooks .....	8.89	8.77	—	9.53	—
Level 2 .....	7.16	7.16	—	8.91	—
Level 3 .....	8.08	8.10	—	8.37	—
Level 4 .....	9.95	—	—	—	—
Food counter, fountain, and related occupations	6.20	6.20	—	6.20	—
Kitchen workers, food preparation .....	7.59	7.59	—	7.78	7.08
Level 1 .....	6.95	6.95	—	—	6.11
Level 2 .....	7.46	7.46	—	—	7.71
Waiters'/Waitresses' assistants .....	4.45	4.45	—	—	—
Level 1 .....	4.45	4.45	—	—	—
Food preparation occupations, N.E.C. ....	6.88	6.87	—	7.51	5.90

See footnotes at end of table.

**Table B-2. Mean hourly earnings<sup>1</sup> for selected occupations and levels<sup>2</sup>, all industries, private industry, State and local government, full-time and part-time workers, Chicago-Gary-Kenosha, IL-IN-WI, July 1997 — Continued**

Occupation <sup>3</sup> and level	All workers <sup>4</sup>			All industries	
	All industries	Private industry	State and local government	Full-time workers	Part-time workers
<b>Service occupations: (-Continued)</b>					
Food service occupations: (-Continued)					
Food preparation occupations, N.E.C. (-Continued)					
Level 1 .....	\$5.98	\$5.98	—	\$6.19	\$5.71
Level 2 .....	7.22	7.16	—	—	7.68
Health service occupations:					
Health aides, except nursing .....	9.45	8.90	—	9.82	7.26
Level 1 .....	6.39	6.39	—	6.43	—
Level 2 .....	7.81	7.40	—	7.84	—
Level 3 .....	10.13	8.72	—	10.70	—
Level 4 .....	10.99	10.99	—	11.12	—
Nursing aides, orderlies and attendants .....	8.45	7.81	\$12.10	8.49	8.18
Level 2 .....	7.23	7.10	—	7.25	7.08
Level 3 .....	8.48	8.40	—	8.52	8.09
Level 4 .....	9.98	8.77	—	10.23	—
Cleaning and building service occupations:					
Supervisors, cleaning and building service workers .....	12.52	12.29	—	12.61	—
Maids and housemen .....	6.74	6.74	—	6.87	—
Level 1 .....	6.58	6.58	—	6.71	—
Janitors and cleaners .....	9.51	8.95	11.22	9.79	7.65
Level 1 .....	8.48	8.36	9.40	8.74	7.17
Level 2 .....	10.22	9.81	10.89	10.43	8.72
Level 3 .....	10.61	8.57	13.09	10.82	—
Personal service occupations:					
Attendants, amusement and recreation facilities ..	6.82	—	7.14	—	6.90
Level 1 .....	5.94	—	—	—	5.90
Welfare service aides .....	7.03	6.88	—	7.48	5.93
Early childhood teachers' assistants .....	7.24	6.55	9.24	7.11	8.13
Level 3 .....	7.75	—	—	—	—
Child care workers, N.E.C. ....	9.04	9.34	8.29	9.12	—
Service occupations, N.E.C. ....	8.22	8.09	9.31	9.80	6.94
Level 1 .....	6.51	—	—	—	—
Level 2 .....	10.08	10.41	—	—	—
Level 3 .....	8.60	8.68	—	8.87	—
Level 4 .....	10.13	9.62	—	10.36	—

<sup>1</sup> 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.

<sup>2</sup> 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.

<sup>3</sup> 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.

<sup>4</sup> 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.

**Table C-1. Mean hourly earnings<sup>1</sup> by occupational group and selected characteristics, all industries, Chicago-Gary-Kenosha, IL-IN-WI, July 1997**

Occupational group <sup>2</sup>	Full-time workers <sup>3</sup>	Part-time workers <sup>3</sup>	Union <sup>4</sup>	Nonunion <sup>4</sup>	Time <sup>5</sup>	Incentive <sup>5</sup>
<b>All occupations</b> .....	\$17.74	\$9.35	\$17.12	\$16.76	\$16.58	\$23.66
All occupations excluding sales .....	17.53	9.68	17.25	16.55	16.74	17.63
<b>White-collar occupations</b> .....	21.62	12.32	22.59	20.52	20.45	27.21
White-collar excluding sales .....	21.61	14.41	23.75	20.68	21.13	18.76
Professional specialty and technical occupations .....	25.35	21.10	31.70	23.28	24.96	—
Professional specialty occupations .....	26.59	21.97	28.87	25.34	26.14	—
Technical occupations .....	21.32	18.10	61.92	17.76	21.09	—
Executive, administrative, and managerial occupations ...	27.78	27.28	21.15	28.02	27.76	30.54
Sales occupations .....	21.71	7.05	12.00	19.29	12.76	30.35
Administrative support including clerical occupations .....	13.04	9.20	13.18	12.53	12.55	14.87
<b>Blue-collar occupations</b> .....	14.19	7.49	15.72	11.43	13.51	17.62
Precision production, craft, and repair occupations .....	18.95	—	19.27	18.36	18.88	19.84
Machine operators, assemblers, and inspectors .....	11.63	7.74	13.69	10.00	11.48	13.60
Transportation and material moving occupations .....	15.68	9.59	16.84	12.25	14.37	20.67
Handlers, equipment cleaners, helpers, and laborers .....	11.56	6.68	13.17	8.03	10.63	—
<b>Service occupations</b> .....	11.50	6.65	14.54	8.38	10.44	—

<sup>1</sup> 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.

<sup>2</sup> 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.

<sup>3</sup> 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.

<sup>4</sup> Union workers are those whose wages are determined through

collective bargaining.

<sup>5</sup> 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.

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**Table C-2. Mean hourly earnings<sup>1</sup> by occupational group and industry division, private industry, all workers<sup>2</sup>, Chicago-Gary-Kenosha, IL-IN-WI, July 1997**

Occupational group <sup>3</sup>	All private industries	Goods-producing industries <sup>4</sup>				Service-producing industries <sup>5</sup>				
		Total	Mining	Construction	Manufacturing	Total	Transportation and public utilities	Wholesale and retail trade	Finance, insurance, and real estate	Services
<b>All occupations</b> .....	\$16.30	-	\$19.19	-	-	-	\$19.56	-	-	-
All occupations excluding sales .....	16.13	-	19.19	-	-	-	19.71	-	-	-
<b>White-collar occupations</b> .....	20.42	-	20.65	-	-	-	20.86	-	-	-
White-collar excluding sales .....	20.71	-	20.65	-	-	-	21.43	-	-	-
Professional specialty and technical occupations .....	24.10	-	-	-	-	-	56.79	-	-	-
Professional specialty occupations .....	25.32	-	-	-	-	-	33.95	-	-	-
Technical occupations .....	21.22	-	-	-	-	-	76.56	-	-	-
Executive, administrative, and managerial occupations .....	28.26	-	-	-	-	-	27.41	-	-	-
Sales occupations .....	18.52	-	-	-	-	-	17.53	-	-	-
Administrative support, including clerical occupations .....	12.60	-	14.29	-	-	-	13.38	-	-	-
<b>Blue-collar occupations</b> .....	13.50	-	18.91	-	-	-	17.73	-	-	-
Precision production, craft, and repair occupations .....	18.84	-	-	-	-	-	20.76	-	-	-
Machine operators, assemblers, and inspectors .....	11.58	-	-	-	-	-	-	-	-	-
Transportation and material moving occupations .....	14.84	-	18.84	-	-	-	16.41	-	-	-
Handlers, equipment cleaners, helpers, and laborers .....	10.54	-	-	-	-	-	17.12	-	-	-
<b>Service occupations</b> .....	8.52	-	-	-	-	-	24.87	-	-	-

<sup>1</sup> 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.

<sup>2</sup> 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.

<sup>3</sup> 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.

<sup>4</sup> Goods-producing industries include mining, construction, and manufacturing.

<sup>5</sup> 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.

**Table C-3. Mean hourly earnings<sup>1</sup> by occupational group and establishment employment size, private industry, all workers<sup>2</sup>, Chicago-Gary-Kenosha, IL-IN-WI, July 1997**

Occupational group <sup>3</sup>	All private industry workers	50 - 99 workers	100 workers or more		
			Total	100 - 499 workers	500 workers or more
<b>All occupations</b> .....	\$16.30	\$14.14	\$16.77	\$15.27	\$18.22
All occupations excluding sales .....	16.13	13.89	16.59	14.78	18.26
<b>White-collar occupations</b> .....	20.42	17.23	21.00	19.93	21.79
White-collar excluding sales .....	20.71	17.72	21.16	19.72	22.08
Professional specialty and technical occupations .....	24.10	18.50	24.65	24.37	24.78
Professional specialty occupations .....	25.32	19.27	25.99	27.12	25.46
Technical occupations .....	21.22	15.68	21.60	17.86	23.25
Executive, administrative, and managerial occupations ...	28.26	28.85	28.19	26.03	29.61
Sales occupations .....	18.52	15.93	19.73	20.88	17.13
Administrative support, including clerical occupations .....	12.60	12.37	12.64	12.68	12.61
<b>Blue-collar occupations</b> .....	13.50	13.76	13.43	12.35	15.33
Precision production, craft, and repair occupations .....	18.84	19.95	18.54	17.07	20.44
Machine operators, assemblers, and inspectors .....	11.58	10.53	11.81	10.41	14.13
Transportation and material moving occupations .....	14.84	15.75	14.54	13.75	16.57
Handlers, equipment cleaners, helpers, and laborers .....	10.54	10.02	10.65	10.53	10.91
<b>Service occupations</b> .....	8.52	7.28	8.88	7.61	9.67

<sup>1</sup> 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.

<sup>2</sup> 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.

<sup>3</sup> 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.

**Table C-4. Number of workers<sup>1</sup> represented by occupational group, Chicago-Gary-Kenosha, IL-IN-WI, July 1997**

Occupational group <sup>2</sup>	All workers		
	All industries	Private industry	State and local government
<b>All occupations</b> .....	2,646,165	2,222,586	423,579
All occupations excluding sales .....	2,479,952	2,058,968	420,983
<b>White-collar occupations</b> .....	1,371,524	1,104,160	267,364
White-collar excluding sales .....	1,205,311	940,542	264,769
Professional specialty and technical occupations .....	463,303	312,844	150,460
Professional specialty occupations .....	364,001	220,483	143,518
Technical occupations .....	99,303	92,361	—
Executive, administrative, and managerial occupations ...	287,679	244,195	43,484
Sales occupations .....	166,213	163,618	2,595
Administrative support including clerical occupations .....	454,328	383,503	70,825
<b>Blue-collar occupations</b> .....	796,114	749,184	46,930
Precision production, craft, and repair occupations .....	188,854	171,565	17,289
Machine operators, assemblers, and inspectors .....	229,136	228,568	—
Transportation and material moving occupations .....	124,031	108,276	15,756
Handlers, equipment cleaners, helpers, and laborers .....	254,092	240,776	13,317
<b>Service occupations</b> .....	478,527	369,243	109,285

<sup>1</sup> 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.

<sup>2</sup> 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.

# 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. While 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, which was based on the type of data to be produced, had to be developed before data collection could begin.

### Survey scope

This survey of the Chicago-Gary-Kenosha, IL-IN-WI, Consolidated Metropolitan Statistical Area 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, CMSA includes Cook, DeKalb, DuPage, 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 the State unemployment insurance reports for the Chicago-Gary-Kenosha, IL-IN-WI, Consolidated Metropolitan Statistical Area. The reference month for the public sector is June 1994. 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 reference month for the private sector is June 1995. 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.

### 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 MOG's:

- 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

A complete list of all individual occupations, classified by the MOG to which they belong, is contained in appendix B.

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 explanatory 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 was collected from April 1997 through December 1997. The average payroll reference month was July 1997. For each establishment in the survey, the data reflect the establishment's practices on the day of collection.

### 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/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 establishment/occupations into the various data series. Of the establishments surveyed, 29.4 percent (representing 800,762 employees) 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 which

were additionally defined by major occupation group and job level.

Establishments which were determined to be out of business or outside the scope of the survey (3.6 percent of the total sample) 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.

### **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 non-responding 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, July 1997**

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 .....	13,214	531	137	394	226	168
Private industry .....	12,373	459	127	332	201	131
Goods-producing industries .....	3,459	124	32	92	57	35
Mining .....	8	5	1	4	4	—
Construction .....	561	12	8	4	4	—
Manufacturing .....	2,889	107	23	84	49	35
Service-producing industries .....	8,914	335	95	240	144	96
Transportation and public utilities .....	796	34	7	27	14	13
Wholesale and retail trade .....	3,408	88	34	54	42	12
Finance, insurance and real estate .....	822	32	8	24	10	14
Services .....	3,888	181	46	135	78	57
State and local government .....	841	72	10	62	25	37

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 earnings<sup>1</sup> for selected occupations, all industries, private industry, and State and local government, all workers<sup>2</sup>, Chicago-Gary-Kenosha, IL-IN-WI, July 1997**

(in percent)

Occupation <sup>3</sup>	All industries	Private industry	State and local government
<b>All occupations</b> .....	2.3	2.7	2.5
All occupations excluding sales .....	1.8	2.2	2.5
<b>White-collar occupations</b> .....	2.9	3.5	3.1
White-collar occupations excluding sales .....	2.2	2.6	3.1
Professional specialty and technical occupations .....	2.7	3.6	3.6
Professional specialty occupations .....	2.9	4.2	3.7
Engineers, architects, and surveyors .....	4.1	4.2	—
Electrical and electronic engineers .....	8.5	8.5	—
Industrial engineers .....	4.9	4.9	—
Mechanical engineers .....	7.3	7.5	—
Engineers, N.E.C. ....	3.8	3.8	—
Mathematical and computer scientists .....	6.0	6.0	—
Computer systems analysts and scientists .....	6.7	6.6	—
Operations and systems researchers and analysts .....	15.1	15.1	—
Natural scientists .....	11.2	11.2	—
Health related occupations .....	3.2	3.3	8.9
Physicians .....	23.7	24.2	—
Registered nurses .....	2.0	1.9	2.8
Pharmacists .....	12.9	12.9	—
Respiratory therapists .....	3.3	—	—
Occupational therapists .....	7.5	6.0	—
Physical therapists .....	8.8	8.8	—
Speech therapists .....	10.3	10.6	—
Therapists, N.E.C. ....	12.0	12.3	—
Teachers, college and university .....	5.4	6.2	7.9
Health specialties teachers .....	11.6	—	4.8
Teachers, post secondary N.E.C. ....	6.4	8.5	8.0
Teachers, except college and university .....	4.7	6.2	4.9
Prekindergarten and kindergarten .....	15.7	—	—
Elementary school teachers .....	5.5	8.2	5.6
Secondary school teachers .....	6.7	6.1	—
Teachers, special education .....	11.0	—	—
Teachers, N.E.C. ....	14.2	7.2	15.2
Vocational and educational counselors .....	10.1	—	—
Librarians, archivists, and curators .....	4.4	—	2.9
Librarians .....	5.7	—	5.4
Social scientists and urban planners .....	11.7	10.2	—
Psychologists .....	13.1	—	—
Social, recreation, and religious workers .....	4.0	4.4	4.1
Social workers .....	3.8	3.9	4.1
Lawyers and judges .....	22.6	21.4	—
Lawyers .....	22.6	21.4	—
Writers, authors, entertainers, athletes, and professionals, N.E.C. ....	8.1	8.1	—
Designers .....	13.1	13.1	—
Editors and reporters .....	12.1	12.3	—
Public relations specialists .....	16.8	16.7	—
Professional occupations, N.E.C. ....	12.5	12.8	—
Technical occupations .....	5.6	6.0	7.3
Clinical laboratory technologists and technicians .....	4.9	4.9	—
Radiological technicians .....	4.7	4.7	—
Licensed practical nurses .....	5.1	5.2	—
Health technologists and technicians, N.E.C. ....	8.0	8.6	—
Electrical and electronic technicians .....	2.9	3.0	—
Engineering technicians, N.E.C. ....	3.4	5.8	—
Drafters .....	6.8	6.8	—
Airplane pilots and navigators .....	40.9	40.9	—
Computer programmers .....	4.0	4.1	—
Legal assistants .....	6.1	5.4	—
Technical and related occupations, N.E.C. ....	11.3	11.7	18.5
Executive, administrative, and managerial occupations ...	3.0	3.4	4.1
Executives, administrators, and managers .....	3.8	4.2	4.6

See footnotes at end of table.

**Appendix table 2. Relative standard errors of mean hourly earnings<sup>1</sup> for selected occupations, all industries, private industry, and State and local government, all workers<sup>2</sup>, Chicago-Gary-Kenosha, IL-IN-WI, July 1997 — Continued**

(in percent)

Occupation <sup>3</sup>	All industries	Private industry	State and local government
<b>White-collar occupations (-Continued)</b>			
Executive, administrative, and managerial occupations (-Continued)			
Executives, administrators, and managers (-Continued)			
Administrators and officials, public administration	8.4	—	6.9
Financial managers .....	6.9	6.9	—
Personnel and labor relations managers .....	7.3	7.6	—
Managers, marketing, advertising and public relations .....	5.3	5.5	—
Administrators, education and related fields .....	8.3	16.7	9.2
Managers, medicine and health .....	10.4	11.0	—
Managers, food servicing and lodging establishments .....	9.1	9.1	—
Managers, service organizations, N.E.C. ....	18.6	23.6	—
Managers and administrators, N.E.C. ....	6.2	6.4	9.0
Management related occupations .....	2.9	3.3	5.4
Accountants and auditors .....	4.3	4.9	8.3
Underwriters .....	10.5	10.5	—
Other financial officers .....	7.3	7.4	—
Management analysts .....	4.8	5.8	—
Personnel, training, and labor relations specialists .....	9.6	10.3	—
Buyers, wholesale and retail trade, except farm products .....	16.2	16.2	—
Purchasing agents and buyers, N.E.C. ....	10.3	11.1	—
Construction inspectors .....	12.3	—	—
Management related occupations, N.E.C. ....	5.1	5.7	3.1
Sales occupations .....	15.8	15.9	14.7
Supervisors, sales occupations .....	10.8	10.8	—
Insurance sales occupations .....	27.8	27.8	—
Advertising and related sales occupations .....	17.6	17.6	—
Sales occupations, other business services .....	46.5	46.5	—
Sales representatives, mining, manufacturing, and wholesale .....	9.9	9.9	—
Sales workers, motor vehicles and boats .....	7.2	7.2	—
Sales workers, other commodities .....	8.5	8.6	—
Sales counter clerks .....	13.5	13.5	—
Cashiers .....	4.3	3.6	12.1
Sales support occupations, N.E.C. ....	9.3	9.3	—
Administrative support occupations, including clerical .....	1.9	2.1	3.5
Supervisors, general office .....	6.3	6.7	—
Supervisors, financial records processing .....	16.4	16.7	—
Supervisors, distribution, scheduling, and adjusting clerks .....	6.6	6.9	—
Computer operators .....	7.2	8.9	—
Secretaries .....	3.7	4.0	7.2
Typists .....	9.6	13.8	—
Interviewers .....	3.4	3.6	—
Hotel clerks .....	1.6	1.6	—
Transportation ticket and reservation agents .....	5.2	5.2	—
Receptionists .....	5.4	5.4	17.5
Information clerks, N.E.C. ....	11.0	11.8	—
Order clerks .....	4.2	4.2	—
Personnel clerks except payroll and timekeeping .....	9.1	9.6	—
Library clerks .....	7.0	6.8	9.4
File clerks .....	7.2	7.2	—
Records clerks, N.E.C. ....	7.3	5.8	13.3
Bookkeepers, accounting and auditing clerks .....	4.7	4.9	6.6
Payroll and timekeeping clerks .....	7.0	7.5	—
Billing clerks .....	6.4	6.4	—
Telephone operators .....	19.7	19.7	—
Mail clerks except postal service .....	10.6	10.6	—
Dispatchers .....	6.2	7.3	8.2

See footnotes at end of table.

**Appendix table 2. Relative standard errors of mean hourly earnings<sup>1</sup> for selected occupations, all industries, private industry, and State and local government, all workers<sup>2</sup>, Chicago-Gary-Kenosha, IL-IN-WI, July 1997 — Continued**

(in percent)

Occupation <sup>3</sup>	All industries	Private industry	State and local government
<b>White-collar occupations</b> (-Continued)			
Administrative support occupations, including clerical (-Continued)			
Production coordinators .....	11.8	11.8	—
Traffic, shipping and receiving clerks .....	5.8	5.8	—
Stock and inventory clerks .....	7.8	8.2	—
Material recording, scheduling, and distribution clerks, N.E.C. ....	11.1	11.4	—
Insurance adjusters, examiners, and investigators .....	21.0	21.0	—
Investigators and adjusters except insurance .....	8.7	8.7	—
Bill and account collectors .....	7.0	7.1	—
General office clerks .....	3.9	4.6	5.9
Bank tellers .....	4.1	4.1	—
Data entry keyers .....	6.3	7.0	—
Teachers' aides .....	7.8	—	7.9
Administrative support occupations, N.E.C. ....	4.5	5.3	7.3
<b>Blue-collar occupations</b> .....			
Precision production, craft, and repair occupations .....	2.9	3.1	3.7
Supervisors, mechanics and repairers .....	4.5	4.9	4.8
Automobile mechanics .....	5.3	6.2	—
Bus, truck, and stationary engine mechanics .....	27.5	28.2	—
Heavy equipment mechanics .....	5.2	5.7	—
Industrial machinery repairers .....	6.9	—	—
Electronic repairers, communications and industrial equipment .....	3.9	3.9	—
Mechanical controls and valve repairers .....	6.8	6.8	—
Mechanics and repairers, N.E.C. ....	10.7	—	—
Supervisors, construction trades, N.E.C. ....	10.2	12.8	—
Carpenters .....	13.4	13.5	—
Electricians .....	3.7	4.2	—
Plumbers, pipefitters and steamfitters .....	6.1	4.8	—
Supervisors, production occupations .....	8.3	—	—
Machinists .....	5.6	5.6	—
Electrical and electronic equipment assemblers ..	9.5	9.7	—
Inspectors, testers, and graders .....	13.8	13.8	—
Stationary engineers .....	6.4	6.4	—
Machine operators, assemblers, and inspectors .....	10.9	—	—
Punching and stamping press operators .....	4.8	4.9	—
Grinding, abrading, buffing, and polishing machine operators .....	10.5	10.5	—
Numerical control machine operators .....	6.5	6.5	—
Fabricating machine operators, N.E.C. ....	10.4	10.4	—
Molding and casting machine operators .....	7.0	7.0	—
Printing press operators .....	8.4	8.4	—
Laundering and dry cleaning machine operators ..	13.4	13.5	—
Packaging and filling machine operators .....	8.5	7.3	—
Mixing and blending machine operators .....	7.3	7.3	—
Slicing and cutting machine operators .....	9.4	9.4	—
Miscellaneous machine operators, N.E.C. ....	11.7	11.7	—
Welders and cutters .....	9.9	9.9	—
Assemblers .....	9.1	9.1	—
Production inspectors, checkers and examiners ..	10.9	10.9	—
Transportation and material moving occupations .....	8.3	8.3	—
Truck drivers .....	4.4	5.0	6.4
Bus drivers .....	6.0	6.1	11.1
Supervisors, material moving equipment .....	7.1	9.4	—
Operating engineers .....	20.1	20.1	—
Crane and tower operators .....	3.0	3.1	—
Industrial truck and tractor equipment operators ..	4.9	4.9	—
Miscellaneous material moving equipment operators, N.E.C. ....	5.6	5.6	—
Handlers, equipment cleaners, helpers, and laborers .....	18.8	19.6	—
	6.4	6.9	5.6

See footnotes at end of table.

**Appendix table 2. Relative standard errors of mean hourly earnings<sup>1</sup> for selected occupations, all industries, private industry, and State and local government, all workers<sup>2</sup>, Chicago-Gary-Kenosha, IL-IN-WI, July 1997 — Continued**

(in percent)

Occupation <sup>3</sup>	All industries	Private industry	State and local government
<b>Blue-collar occupations (-Continued)</b>			
Handlers, equipment cleaners, helpers, and laborers (-Continued)			
Groundskeepers and gardeners except farm .....	11.0	14.2	12.1
Supervisors, handlers, equipment cleaners, and laborers, N.E.C. ....	11.9	—	—
Construction laborers .....	12.0	12.5	—
Production helpers .....	13.5	13.5	—
Stock handlers and baggers .....	3.1	3.1	—
Machine feeders and offbearers .....	15.8	15.8	—
Freight, stock, and material handlers, N.E.C. ....	7.2	7.3	—
Vehicle washers and equipment cleaners .....	8.7	8.7	—
Hand packers and packagers .....	9.5	9.5	—
Laborers except construction, N.E.C. ....	9.7	10.5	7.4
<b>Service occupations</b> .....			
Protective service occupations .....	3.1	2.5	4.1
Supervisors, guards .....	5.9	6.7	4.0
Firefighting occupations .....	7.8	13.5	—
Police and detectives, public service .....	6.2	—	6.2
Guards and police except public service .....	2.6	—	2.6
Protective service occupations, N.E.C. ....	7.8	6.5	9.4
Food service occupations .....	23.2	—	19.9
Supervisors, food preparation and service occupations .....	4.1	4.3	6.3
Bartenders .....	4.9	5.0	—
Waiters and waitresses .....	15.7	15.7	—
Cooks .....	14.7	14.7	—
Food counter, fountain, and related occupations	7.1	7.8	—
Kitchen workers, food preparation .....	4.8	4.9	—
Waiters/Waitresses' assistants .....	4.7	4.7	—
Food preparation occupations, N.E.C. ....	6.9	6.9	—
Health service occupations .....	6.4	6.5	—
Health aides, except nursing .....	3.3	2.2	5.3
Nursing aides, orderlies and attendants .....	5.4	5.4	—
Cleaning and building service occupations .....	4.4	2.4	6.9
Supervisors, cleaning and building service workers .....	3.4	3.0	6.7
Maids and housemen .....	4.7	4.9	—
Janitors and cleaners .....	2.8	2.8	—
Personal service occupations .....	3.9	3.3	7.0
Attendants, amusement and recreation facilities ..	7.8	9.0	7.5
Welfare service aides .....	3.9	—	3.5
Early childhood teachers' assistants .....	5.3	5.1	—
Child care workers, N.E.C. ....	7.1	2.3	7.2
Service occupations, N.E.C. ....	3.2	3.4	8.2
	7.4	7.9	12.6

<sup>1</sup> 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.

<sup>2</sup> 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.

<sup>3</sup> 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.

**Appendix table 3. Average work levels for selected occupations, all workers, full-time and part-time workers, Chicago-Gary-Kenosha, IL-IN-WI, July 1997**

Occupation <sup>1</sup>	All workers	Full-time workers	Part-time workers
<b>All occupations</b> .....	5	6	3
All occupations excluding sales .....	5	6	3
<b>White-collar occupations</b> .....	7	7	5
White-collar occupations excluding sales .....	7	7	5
Professional specialty and technical occupations .....	8	9	8
Professional specialty occupations .....	9	9	8
Engineers, architects, and surveyors .....	11	11	—
Electrical and electronic engineers .....	11	11	—
Industrial engineers .....	11	11	—
Mechanical engineers .....	11	11	—
Engineers, N.E.C. ....	10	10	—
Mathematical and computer scientists .....	10	10	—
Computer systems analysts and scientists .....	10	10	—
Operations and systems researchers and analysts .....	9	9	—
Natural scientists .....	10	10	—
Health related occupations .....	8	8	8
Physicians .....	12	12	—
Registered nurses .....	8	8	8
Pharmacists .....	9	—	—
Respiratory therapists .....	6	—	—
Occupational therapists .....	8	—	—
Physical therapists .....	8	8	—
Speech therapists .....	9	9	—
Therapists, N.E.C. ....	9	—	—
Teachers, college and university .....	11	11	9
Health specialties teachers .....	8	9	—
Teachers, post secondary N.E.C. ....	11	11	—
Teachers, except college and university .....	8	8	8
Prekindergarten and kindergarten .....	8	—	—
Elementary school teachers .....	8	8	—
Secondary school teachers .....	8	8	—
Teachers, special education .....	9	9	—
Teachers, N.E.C. ....	8	8	8
Vocational and educational counselors .....	8	9	—
Librarians, archivists, and curators .....	9	8	9
Librarians .....	9	9	8
Social scientists and urban planners .....	9	9	—
Psychologists .....	10	10	—
Social, recreation, and religious workers .....	7	8	—
Social workers .....	8	8	7
Lawyers and judges .....	11	11	—
Lawyers .....	11	11	—
Writers, authors, entertainers, athletes, and professionals, N.E.C. ....	9	9	9
Designers .....	8	8	—
Editors and reporters .....	10	10	—
Public relations specialists .....	10	10	—
Professional occupations, N.E.C. ....	7	7	—
Technical occupations .....	7	7	6
Clinical laboratory technologists and technicians .....	7	7	7
Radiological technicians .....	6	6	6
Licensed practical nurses .....	6	6	—
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 .....	12	12	—
Managers, marketing, advertising and public relations ..	12	12	—
Administrators, education and related fields .....	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, July 1997 — Continued**

Occupation <sup>1</sup>	All workers	Full-time workers	Part-time workers
<b>White-collar occupations (-Continued)</b>			
Executive, administrative, and managerial occupations (-Continued)			
Executives, administrators, and managers (-Continued)			
Managers, medicine and health .....	10	10	—
Managers, food servicing and lodging establishments ...	10	10	—
Managers, service organizations, N.E.C. ....	11	11	—
Managers and administrators, N.E.C. ....	11	11	—
Management related occupations .....			
Accountants and auditors .....	8	8	—
Underwriters .....	8	8	—
Other financial officers .....	9	9	—
Management analysts .....	9	9	—
Personnel, training, and labor relations specialists .....	9	9	—
Buyers, wholesale and retail trade, except farm products .....			
Purchasing agents and buyers, N.E.C. ....	8	8	—
Construction inspectors .....	7	7	—
Management related occupations, N.E.C. ....	8	8	—
Sales occupations .....			
Supervisors, sales occupations .....	8	8	—
Insurance sales occupations .....	5	—	—
Advertising and related sales occupations .....	8	8	—
Sales occupations, other business services .....	9	9	—
Sales representatives, mining, manufacturing, and wholesale .....			
Sales workers, motor vehicles and boats .....	5	5	—
Sales workers, other commodities .....	3	4	2
Sales counter clerks .....	2	3	—
Cashiers .....	2	2	2
Sales support occupations, N.E.C. ....	5	5	—
Administrative support occupations, including clerical .....			
Supervisors, general office .....	7	7	—
Supervisors, financial records processing .....	8	8	—
Supervisors, distribution, scheduling, and adjusting clerks .....			
Computer operators .....	7	7	—
Computer operators .....	5	5	—
Secretaries .....	5	5	4
Typists .....	3	3	—
Interviewers .....	3	—	—
Hotel clerks .....	3	3	—
Transportation ticket and reservation agents .....	4	—	—
Receptionists .....	3	3	2
Information clerks, N.E.C. ....	4	4	—
Order clerks .....	4	4	2
Personnel clerks except payroll and timekeeping .....	5	5	—
Library clerks .....	3	3	2
File clerks .....	2	2	—
Records clerks, N.E.C. ....	4	4	—
Bookkeepers, accounting and auditing clerks .....	4	4	—
Payroll and timekeeping clerks .....	4	5	—
Billing clerks .....	5	5	—
Telephone operators .....	2	—	—
Mail clerks except postal service .....	2	3	—
Dispatchers .....	4	5	—
Production coordinators .....	7	7	—
Traffic, shipping and receiving clerks .....	4	4	—
Stock and inventory clerks .....	3	4	—
Material recording, scheduling, and distribution clerks, N.E.C. ....			
Insurance adjusters, examiners, and investigators .....	6	6	—
Investigators and adjusters except insurance .....	5	5	—
Bill and account collectors .....	5	5	—
General office clerks .....	4	4	2
Bank tellers .....	2	3	2
Data entry keyers .....	3	3	2
Teachers' aides .....	4	3	4
Administrative support occupations, N.E.C. ....	5	5	4

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, July 1997 — Continued**

Occupation <sup>1</sup>	All workers	Full-time workers	Part-time workers
<b>Blue-collar occupations</b> .....	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 .....	7	7	—
Heavy equipment mechanics .....	7	7	—
Industrial machinery repairers .....	7	7	—
Electronic repairers, communications and industrial equipment .....	6	6	—
Mechanical controls and valve repairers .....	5	—	—
Mechanics and repairers, N.E.C. ....	6	6	—
Supervisors, construction trades, N.E.C. ....	8	8	—
Carpenters .....	7	7	—
Electricians .....	7	7	—
Plumbers, pipefitters and steamfitters .....	7	7	—
Supervisors, production occupations .....	7	7	—
Machinists .....	6	6	—
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	—
Numerical control machine operators .....	4	4	—
Fabricating machine operators, N.E.C. ....	4	4	—
Molding and casting machine operators .....	3	3	—
Printing press operators .....	5	5	—
Laundry and dry cleaning machine operators .....	2	2	—
Packaging and filling machine operators .....	2	2	—
Mixing and blending machine operators .....	3	3	—
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 .....	3	—	4
Supervisors, material moving equipment .....	7	7	—
Operating engineers .....	6	6	—
Crane and tower operators .....	4	4	—
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	1
Supervisors, handlers, equipment cleaners, and laborers, N.E.C. ....	7	7	—
Construction laborers .....	3	3	—
Production helpers .....	2	2	—
Stock handlers and baggers .....	2	3	2
Machine feeders and offbearers .....	2	2	—
Freight, stock, and material handlers, N.E.C. ....	3	3	3
Vehicle washers and equipment cleaners .....	2	2	—
Hand packers and packagers .....	1	1	—
Laborers except construction, N.E.C. ....	2	2	—
<b>Service occupations</b> .....	3	4	2
Protective service occupations .....	5	6	4
Supervisors, guards .....	6	6	—
Firefighting occupations .....	6	7	—
Police and detectives, public service .....	8	8	—
Guards and police except public service .....	3	3	4
Protective service occupations, N.E.C. ....	4	—	3
Food service occupations .....	3	3	2
Supervisors, food preparation and service occupations .....	5	5	—
Bartenders .....	3	—	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, July 1997 — Continued**

Occupation <sup>1</sup>	All workers	Full-time workers	Part-time workers
<b>Service occupations (-Continued)</b>			
Food service occupations (-Continued)			
Waiters and waitresses .....	2	2	2
Cooks .....	3	4	—
Food counter, fountain, and related occupations .....	2	2	—
Kitchen workers, food preparation .....	2	2	2
Waiters'/Waitresses' assistants .....	1	—	—
Food preparation occupations, N.E.C. ....	2	2	2
Health service occupations .....	3	3	3
Health aides, except nursing .....	3	3	3
Nursing aides, orderlies and attendants .....	3	3	3
Cleaning and building service occupations .....	2	2	2
Supervisors, cleaning and building service workers .....	6	6	—
Maids and housemen .....	1	1	—
Janitors and cleaners .....	2	2	2
Personal service occupations .....	3	4	2
Attendants, amusement and recreation facilities .....	2	—	2
Welfare service aides .....	2	3	2
Early childhood teachers' assistants .....	3	3	3
Child care workers, N.E.C. ....	4	5	—
Service occupations, N.E.C. ....	2	3	2

<sup>1</sup> 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."