

National Compensation Survey: Occupational Wages in the Middle Atlantic Census Division, 1998



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Preface

The National Compensation Survey (NCS) provides comprehensive measures of occupational earnings, compensation cost trends, and detailed benefit provisions. It integrates three Bureau of Labor Statistics (BLS) programs—the Occupational Compensation Survey (OCS), the Employment Cost Index (ECI), and the Employee Benefits Survey (EBS). OCS provides data on occupational earnings; the ECI measures changes in labor costs, as well as average hourly employer costs for employee compensation; and the EBS provides information on detailed benefit provisions. When fully integrated, the NCS will provide data on benefit costs and provisions as well as wages. This bulletin, a product of the first phase of the NCS, focuses on occupational earnings.

The NCS replaced the Occupational Compensation Survey (OCS) with the release of the 1997 data. The major difference between these two surveys is that the OCS used the same preselected list of occupations for all localities. The NCS uses a probability-based sample of establishments and occupations that is intended to more fully represent the employment patterns and occupational mix of each locality.

This bulletin presents aggregate pay data from the metropolitan and nonmetropolitan local area surveys conducted in the Middle Atlantic census division. (See Technical Note). It provides estimates of occupational pay for the census division, as well as selected data on worker and establishment characteristics.

NCS bulletins are published for each of the nine census divisions: New England, Middle Atlantic, East North Cen-

tral, West North Central, South Atlantic, East South Central, West South Central, Mountain, and Pacific. (See Technical Note.) Data also are published for some individual localities, as well as for the entire United States. The census division publications may be useful to NCS data users in localities for which separate data were not published.

For additional information regarding the National Compensation Survey, contact the information staff in the BLS National Office at (202) 691-6199. You can also write to the Bureau of Labor Statistics, Division of Compensation Data Analysis and Planning, 2 Massachusetts Avenue, NE, Room 4175, Washington, DC 20212-0001, or send e-mail to **OCLTINFO@bls.gov**.

The Bureau's Office of Compensation and Working Conditions developed and produced this bulletin. The Directorate of Survey Processing coordinated the data file formation and tabulations. Field economists from the Bureau's regional offices, under the direction of the Assistant Regional Commissioners for Operations, collected the survey data. The Bureau thanks all survey respondents for their cooperation, without which this bulletin would not have been possible.

The data presented in this bulletin also are displayed in a Portable Document Format (PDF) on the BLS Internet site (**<http://stats.bls.gov/comhome.htm>**). Material in the bulletin is in the public domain and, with appropriate credit, may be reproduced without permission. This information will be made available to sensory impaired individuals upon request. Voice phone: (202) 691-5200; Federal Relay Service: 1-800-326-2577.

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Occupational Wages in the Middle Atlantic Census Division, 1998

Overview

This bulletin provides 1998 National Compensation Survey (NCS) estimates of occupational pay in the Middle Atlantic census division. The bulletin highlights average (mean) hourly pay for workers by seven establishment or worker characteristics:

- Private industry or State and local government
- Metropolitan or nonmetropolitan area
- Selected occupations and major occupational groups
- Full-time or part-time status
- Bargaining status
- Size of establishment
- Work level

Wages in the Middle Atlantic census division averaged \$18.10 per hour during 1998. Workers in private industry in the region averaged \$17.14 per hour, while those in State and local government averaged \$21.72. The nationwide hourly average for all workers covered by the survey was \$15.72.

Table 1 provides an overview of average pay for workers in private industry and State and local government in the Middle Atlantic division, by selected worker and establishment characteristics. It shows that white-collar workers in private industry averaged \$21.19 per hour; blue-collar workers averaged \$13.52; and service workers averaged \$9.13. Corresponding averages in State and local government were \$25.10, \$16.68, and \$16.77. Generally, average hourly earnings for private industry workers were lower than those for State and local government workers. Part of this difference can be explained by differences in the occupational and industrial mix of the two sectors. For example, professional specialty and technical occupations are proportionately more prevalent in State and local government than in private industry. With the exception of the construction industry, few State and local government workers are in goods-producing industries.

Full-time workers in the Middle Atlantic region averaged \$18.93 per hour, while part-time workers averaged \$10.33. In private industry, full-time workers averaged \$17.99 an hour,

and part-time workers averaged \$9.82. For workers in State and local government, average hourly pay was \$22.29 for full-timers and \$13.45 for part-timers. Full-time or part-time designation is determined by the employer.

Average hourly pay generally is higher for workers in larger establishments. In the Middle Atlantic region, workers in large establishments—that is, establishments with 2,500 employees or more—had average hourly pay of \$22.04. Workers in the smallest establishment-size category studied (50 to 99 employees) averaged \$14.77.

Table 2 shows that workers in metropolitan areas in the Middle Atlantic region averaged \$18.39 per hour, while average pay for workers in nonmetropolitan areas was \$13.58. The table also shows that, for most of the worker and establishment characteristics for which data are presented, average pay for metropolitan area workers was higher than that of their counterparts in nonmetropolitan areas. (See the Technical Note for definitions of metropolitan and nonmetropolitan areas.)

For purposes of comparison, tables 1 and 2 also show average earnings for all nine census divisions. As indicated, average earnings were generally highest in the New England, Middle Atlantic, and Pacific regions.

Full-time, part-time, and combined average pay rates for occupations in private industry and in State and local government in the Middle Atlantic division are shown in tables 3, 4, and 5. These tables present wage rates and mean weekly hours for individual occupations and for major occupational groups. Table 3, for example, shows that all registered nurses in the region averaged \$23.17 per hour. Registered nurses in private industry averaged \$23.28 per hour (table 4), while their counterparts in State and local government averaged \$22.42 (table 5). Laborers, except construction, averaged \$10.08 in private industry and \$12.97 in State and local governments. Janitors and cleaners, a service occupation, averaged \$9.50 in private industry and \$12.47 in State and local government.

Earnings by occupational group and work level are shown in table 6. In determining the work level, the Bureau applies a “generic leveling” technique to all occupations selected during the collection process, using 10 criteria to level occupations. Use of this technique tends to show higher pay at higher levels. In the Middle Atlantic region, average hourly

earnings of white-collar workers ranged from \$7.19 for work level 1 to \$69.54 for level 15. Average earnings of blue-collar workers ranged from \$8.46 for work level 1 to \$24.35 for work level 9; those of service workers ranged from \$8.11 for work level 1 to \$26.65 for work level 10. The Technical Note presents more information on generic leveling.

Table A in the Technical Note shows the number of establishments studied in the Middle Atlantic census division

by employment size; more establishments were studied in the 100- to 499-worker group than in any other size category. This table also shows the number of establishments represented. Table B in the Technical Note shows the number of workers represented by the surveys in the Middle Atlantic census division by major occupational groups, such as professional specialty and technical, sales, and transportation and material moving.

Table 1. Summary, Middle Atlantic: Mean hourly earnings¹ and weekly hours by selected characteristics, private industry and State and local government, National Compensation Survey,² 1998

Worker and establishment characteristics, and geographic areas	Total			Private industry			State and local government		
	Hourly earnings		Mean weekly hours	Hourly earnings		Mean weekly hours	Hourly earnings		Mean weekly hours
	Mean	Relative error (percent)		Mean	Relative error (percent)		Mean	Relative error (percent)	
Total	\$18.10	1.5	35.8	\$17.14	1.8	35.8	\$21.72	1.6	35.5
Worker characteristics:³									
White-collar occupations ⁴	22.06	1.4	35.7	21.19	1.7	36.0	25.10	1.9	34.7
Professional specialty and technical ... Executive, administrative, and managerial	27.00	1.7	35.2	25.28	2.1	35.5	30.58	2.3	34.5
Sales	31.04	1.9	38.9	31.92	2.0	39.4	27.28	4.6	36.9
Administrative support	14.98	6.4	31.6	14.98	6.5	31.5	15.07	4.5	37.9
Blue-collar occupations ⁴	13.44	1.3	36.1	13.33	1.5	36.6	13.89	2.0	34.0
Precision production, craft, and repair Machine operators, assemblers, and inspectors	13.85	1.6	38.3	13.52	1.7	38.3	16.68	2.7	37.7
Transportation and material moving ... Handlers, equipment cleaners, helpers, and laborers	18.33	1.6	39.4	18.29	1.8	39.4	18.58	3.8	39.4
Service occupations ⁴	11.84	1.7	39.6	11.81	1.7	39.7	14.74	7.6	35.3
Full time	14.72	2.2	36.2	14.22	2.6	36.3	16.37	4.0	35.7
Part time	10.93	2.6	36.6	10.56	2.6	36.4	14.22	4.2	38.5
Union	11.67	2.4	32.8	9.13	2.3	31.3	16.77	2.8	36.2
Nonunion	18.93	1.5	38.8	17.99	1.8	39.1	22.29	1.6	37.6
Time	10.33	3.3	20.7	9.82	3.9	20.9	13.45	3.6	19.7
Incentive	18.42	1.5	36.2	15.36	2.4	36.0	21.96	1.6	36.5
	17.90	2.0	35.5	17.77	2.0	35.8	20.34	4.9	30.6
	18.08	1.5	35.7	17.07	1.7	35.8	21.72	1.6	35.5
	19.06	9.3	37.2	19.05	9.4	37.2	-	-	-
Establishment characteristics:									
Goods producing	(⁵)	(⁵)	(⁵)	17.43	2.8	39.7	(⁵)	(⁵)	(⁵)
Service producing	(⁵)	(⁵)	(⁵)	17.01	1.9	34.5	(⁵)	(⁵)	(⁵)
50-99 workers ⁶	14.77	2.7	35.6	14.72	2.9	35.6	16.36	2.9	33.3
100-499 workers	16.06	2.3	35.3	15.39	2.6	35.5	22.71	3.0	33.8
500-999 workers	19.22	3.4	36.0	18.03	4.3	36.4	22.61	3.9	34.9
1000-2499 workers	20.93	2.8	36.1	20.58	3.2	36.6	21.85	5.3	34.7
2500 workers or more	22.04	1.7	36.5	22.81	2.5	36.1	21.29	2.4	36.8
Geographic areas:⁷									
Metropolitan	18.39	1.6	35.7	17.42	1.8	35.8	22.18	1.6	35.5
Nonmetropolitan	13.58	1.6	36.2	11.91	1.6	36.5	17.17	1.0	35.4
New England	17.38	1.4	35.1	16.50	1.7	35.0	21.35	1.3	35.5
Middle Atlantic	18.10	1.5	35.8	17.14	1.8	35.8	21.72	1.6	35.5
East North Central	16.08	.8	36.2	15.44	.9	36.3	19.32	1.5	35.7
West North Central	14.85	1.6	36.5	14.05	1.9	36.3	17.87	1.2	37.0
South Atlantic	14.40	1.0	37.1	13.82	1.1	36.9	16.22	1.4	38.0
East South Central	11.87	2.3	37.7	11.21	2.6	37.9	15.93	2.2	36.8
West South Central	14.62	1.8	37.2	14.27	2.3	36.9	15.63	1.2	38.0
Mountain	14.58	2.7	36.4	13.30	2.9	36.4	18.32	2.9	36.4
Pacific	17.86	1.3	36.2	16.82	1.7	36.4	21.26	1.0	35.5

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

² In this census division, collection was conducted between November 1997 and April 1999. The average reference period was July 1998.

³ Employees are classified as working either a full-time or a part-time schedule based on the definition used by each establishment. Union workers are those whose wages are determined through collective bargaining. Wages of time workers are based solely on 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.

⁴ A classification system including about 480 individual occupations is used to cover all workers in the civilian economy. See Technical Note for more information.

⁵ Classification of establishments into goods-producing and service-producing industries applies to private industry only.

⁶ Establishments classified with 50-99 workers may contain establishments with fewer than 50 due to staff reductions between survey sampling and collection.

⁷ Data are presented for metropolitan and nonmetropolitan area divisions as well as 9 census area divisions. See Technical Note for a list of survey areas in each census area division and the States comprising the 9 census area divisions.

NOTE: Dashes indicate that no data were reported or that data did not meet publication criteria.

Table 2. **Summary, Middle Atlantic: Mean hourly earnings¹ and weekly hours by selected characteristics, metropolitan and nonmetropolitan areas,² National Compensation Survey,³ 1998**

Worker and establishment characteristics, and geographic areas	Total			Metropolitan areas			Nonmetropolitan areas		
	Hourly earnings		Mean weekly hours	Hourly earnings		Mean weekly hours	Hourly earnings		Mean weekly hours
	Mean	Relative error (percent)		Mean	Relative error (percent)		Mean	Relative error (percent)	
Total	\$18.10	1.5	35.8	\$18.39	1.6	35.7	\$13.58	1.6	36.2
Private Industry	17.14	1.8	35.8	17.42	1.8	35.8	11.91	1.6	36.5
State and local government	21.72	1.6	35.5	22.18	1.6	35.5	17.17	1.0	35.4
Worker characteristics:⁴									
White-collar occupations ⁵	22.06	1.4	35.7	22.30	1.5	35.7	16.95	2.4	35.3
Professional specialty and technical ...	27.00	1.7	35.2	27.34	1.8	35.2	20.94	1.7	34.1
Executive, administrative, and managerial	31.04	1.9	38.9	31.35	1.9	38.9	21.46	3.0	38.5
Sales	14.98	6.4	31.6	15.05	6.7	31.5	13.85	15.8	33.0
Administrative support	13.44	1.3	36.1	13.56	1.3	36.1	10.68	2.6	36.9
Blue-collar occupations ⁵	13.85	1.6	38.3	14.12	1.7	38.3	10.97	2.7	38.2
Precision production, craft, and repair Machine operators, assemblers, and inspectors	18.33	1.6	39.4	18.67	1.7	39.4	13.55	2.1	40.0
Transportation and material moving ...	11.84	1.7	39.6	12.11	1.9	39.6	9.42	5.8	39.9
Handlers, equipment cleaners, helpers, and laborers	14.72	2.2	36.2	14.68	2.2	36.5	16.09	7.4	28.3
Service occupations ⁵	10.93	2.6	36.6	11.01	2.9	36.5	10.35	3.8	37.4
Full time	11.67	2.4	32.8	11.70	2.6	32.6	11.33	1.7	34.7
Part time	18.93	1.5	38.8	19.26	1.6	38.7	13.73	2.0	39.3
Union	10.33	3.3	20.7	10.20	3.6	20.7	12.30	5.6	21.4
Nonunion	18.42	1.5	36.2	18.53	1.6	36.3	16.34	1.6	34.7
Time	17.90	2.0	35.5	18.30	2.0	35.4	12.29	.9	36.9
Incentive	18.08	1.5	35.7	18.37	1.5	35.7	13.57	1.6	36.2
	19.06	9.3	37.2	19.04	9.4	37.2	-	-	-
Establishment characteristics:									
Goods producing ⁶	17.43	2.8	39.7	17.98	2.7	39.6	11.18	1.6	40.5
Service producing ⁶	17.01	1.9	34.5	17.20	1.9	34.5	12.52	2.4	33.8
50-99 workers ⁷	14.77	2.7	35.6	14.86	2.8	35.5	13.01	5.5	37.3
100-499 workers	16.06	2.3	35.3	16.43	2.5	35.3	12.49	1.2	36.3
500-999 workers	19.22	3.4	36.0	19.46	3.6	36.1	16.02	1.7	34.6
1000-2499 workers	20.93	2.8	36.1	21.23	2.9	36.0	16.38	4.8	36.5
2500 workers or more	22.04	1.7	36.5	22.04	1.7	36.5	-	-	-
Geographic areas:⁸									
New England	17.38	1.4	35.1	17.75	1.2	35.2	14.75	3.6	34.2
Middle Atlantic	18.10	1.5	35.8	18.39	1.6	35.7	13.58	1.6	36.2
East North Central	16.08	.8	36.2	16.55	.8	36.2	13.55	1.3	36.5
West North Central	14.85	1.6	36.5	15.83	2.4	36.5	12.10	2.3	36.4
South Atlantic	14.40	1.0	37.1	14.89	.7	37.0	12.00	4.4	37.7
East South Central	11.87	2.3	37.7	13.88	2.2	36.9	9.97	4.3	38.6
West South Central	14.62	1.8	37.2	14.86	2.1	37.2	13.08	5.6	37.1
Mountain	14.58	2.7	36.4	14.73	3.4	36.5	13.99	3.3	36.0
Pacific	17.86	1.3	36.2	18.04	1.3	36.2	14.96	2.8	35.6

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

² Metropolitan areas can be a Metropolitan Statistical Area or Consolidated Metropolitan Statistical Area as defined by the Office of Management and Budget, 1994. Nonmetropolitan areas are counties that do not fit the definitions above. For more information, see Technical Note.

³ In this census division, collection was conducted between November 1997 and April 1999. The average reference period was July 1998.

⁴ Employees are classified as working either a full-time or a part-time schedule based on the definition used by each establishment. Union workers are those whose wages are determined through collective bargaining. Wages of time workers are based solely on 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.

⁵ A classification system including about 480 individual occupations is used to cover all workers in the civilian economy. See Technical Note for more information.

⁶ Classification of establishments into goods-producing and service-producing industries applies to private industry only.

⁷ Establishments classified with 50-99 workers may contain establishments with fewer than 50 workers due to reduction in staff from the time of sampling to data collection.

⁸ See Technical Note for a list of survey areas in each census area division and the States comprising the 9 census area divisions.

NOTE: Dashes indicate that no data were reported or that data did not meet publication criteria.

Table 3. Selected occupations, Middle Atlantic: Mean hourly earnings¹ and weekly hours for full-time and part-time workers,² National Compensation Survey,³ 1998

Occupation ⁴	Total			Full time			Part time		
	Hourly earnings		Mean weekly hours	Hourly earnings		Mean weekly hours	Hourly earnings		Mean weekly hours
	Mean	Relative error ⁵ (percent)		Mean	Relative error ⁵ (percent)		Mean	Relative error ⁵ (percent)	
All	\$18.10	1.5	35.8	\$18.93	1.5	38.8	\$10.33	3.3	20.7
All excluding sales	18.30	1.5	36.1	18.97	1.5	38.7	11.03	3.6	20.7
White collar	22.06	1.4	35.7	22.92	1.4	38.5	12.84	4.0	20.3
White collar excluding sales	22.88	1.4	36.3	23.35	1.4	38.3	15.91	4.6	20.2
Professional specialty and technical	27.00	1.7	35.2	27.39	1.7	37.9	22.05	4.9	18.5
Professional specialty	29.12	1.5	35.1	29.46	1.5	37.8	24.62	5.3	18.1
Engineers, architects, and surveyors	27.99	1.9	39.7	27.97	1.9	39.9	-	-	-
Architects	22.84	12.8	41.4	22.84	12.8	41.4	-	-	-
Metallurgical and materials engineers	25.24	4.2	40.1	25.24	4.2	40.1	-	-	-
Chemical engineers	33.02	5.7	39.7	33.02	5.7	39.7	-	-	-
Nuclear engineers	35.65	8.7	40.0	35.65	8.7	40.0	-	-	-
Civil engineers	26.07	5.3	39.5	26.07	5.3	39.5	-	-	-
Electrical and electronic engineers	29.73	2.1	39.3	29.74	2.1	39.8	-	-	-
Industrial engineers	24.85	12.9	41.1	24.85	12.9	41.1	-	-	-
Mechanical engineers	25.18	4.3	38.3	25.26	4.3	39.1	-	-	-
Engineers, n.e.c.	29.88	2.5	39.6	29.80	2.6	40.0	-	-	-
Mathematical and computer scientists	32.31	5.2	39.4	31.68	5.1	39.5	-	-	-
Computer systems analysts and scientists	29.87	2.6	39.5	29.90	2.6	39.5	-	-	-
Operations and systems researchers and analysts	42.90	9.3	39.5	40.27	11.2	40.0	-	-	-
Statisticians	27.89	6.9	35.6	27.89	6.9	35.6	-	-	-
Natural scientists	30.23	4.3	39.2	30.33	4.3	39.4	-	-	-
Chemists, except biochemists	34.05	6.6	39.6	34.35	6.7	39.9	-	-	-
Physical scientists, n.e.c.	26.00	5.7	39.9	26.00	5.7	39.9	-	-	-
Biological and life scientists	30.63	6.5	38.0	30.63	6.5	38.0	-	-	-
Medical scientists	28.77	10.4	37.9	28.77	10.4	37.9	-	-	-
Health related	23.94	1.9	33.5	24.06	1.9	39.2	23.33	3.9	19.2
Physicians	29.37	5.4	40.0	27.83	6.9	43.8	55.20	3.9	16.4
Registered nurses	23.17	1.8	32.5	23.58	1.9	38.5	21.39	3.0	19.5
Pharmacists	27.40	2.8	35.0	27.36	3.1	39.1	27.79	2.3	17.6
Dietitians	16.61	4.0	35.6	16.51	4.1	38.0	-	-	-
Respiratory therapists	20.78	2.3	32.3	21.24	2.8	38.8	18.93	2.6	19.3
Occupational therapists	24.12	6.6	30.1	23.82	6.8	38.0	-	-	-
Physical therapists	26.95	5.7	33.6	25.66	3.5	38.2	32.36	17.1	22.2
Speech therapists	22.30	9.1	24.8	21.45	12.2	37.0	-	-	-
Therapists, n.e.c.	16.28	5.0	37.1	16.47	5.0	39.4	-	-	-
Physicians' assistants	24.61	11.5	37.3	24.47	11.9	38.1	-	-	-
Teachers, college and university	41.23	2.7	32.6	40.79	2.7	37.1	48.32	11.2	10.9
Biological science teachers	35.79	4.8	32.6	36.12	5.2	36.2	-	-	-
Chemistry teachers	37.13	18.6	35.3	37.13	18.6	35.3	-	-	-
Natural science teachers, n.e.c.	48.95	3.3	39.0	48.95	3.3	39.0	-	-	-
Psychology teachers	38.83	14.0	31.8	39.50	14.4	36.0	-	-	-
Mathematical science teachers	42.43	13.3	36.0	42.61	13.4	37.6	-	-	-
Medical science teachers	69.75	10.2	26.0	53.73	13.2	38.9	-	-	-
Health specialties teachers	29.77	4.5	38.8	29.77	4.5	38.8	-	-	-
Business, commerce, and marketing teachers ..	46.86	8.5	32.2	47.44	8.6	35.0	-	-	-
Art, drama, and music teachers	29.68	4.8	30.0	31.27	4.2	37.1	22.79	3.8	16.5
Education teachers	32.26	6.7	27.6	33.11	7.4	36.6	-	-	-
English teachers	40.23	10.4	35.9	40.26	10.4	36.4	-	-	-
Theology teachers	45.15	10.4	34.9	45.26	10.5	35.4	-	-	-
Teachers, post secondary, subject not specified	33.85	7.3	35.8	34.79	6.8	41.3	-	-	-
Teachers, post secondary, n.e.c.	39.78	5.8	30.6	40.74	5.9	36.7	23.93	9.2	8.1
Teachers, except college and university	33.46	2.3	33.1	34.34	2.4	34.9	19.59	4.8	18.3
Prekindergarten and kindergarten	28.51	15.8	33.0	28.99	16.2	34.5	-	-	-
Elementary school teachers	35.70	2.5	34.5	36.04	2.6	35.3	25.76	12.4	20.9
Secondary school teachers	36.02	3.8	35.8	36.21	3.9	36.0	31.70	3.3	32.1
Teachers, special education	34.31	3.5	33.3	34.64	3.7	33.8	26.59	15.1	24.7
Teachers, n.e.c.	32.67	4.3	30.3	33.80	4.2	33.9	16.22	10.1	12.0
Substitute teachers	10.18	3.4	21.0	-	-	-	10.23	4.8	18.1
Vocational and educational counselors	27.08	11.8	35.4	27.30	11.8	35.8	-	-	-
Librarians, archivists, and curators	24.03	7.9	35.3	24.07	8.0	36.4	22.02	9.5	13.1
Librarians	25.44	7.2	34.6	25.51	7.3	35.8	22.02	9.5	13.1
Social scientists and urban planners	28.60	7.5	35.3	28.60	7.8	36.7	28.47	9.5	18.9

See footnotes at end of table.

Table 3. Selected occupations, Middle Atlantic: Mean hourly earnings¹ and weekly hours for full-time and part-time workers,² National Compensation Survey,³ 1998—Continued

Occupation ⁴	Total			Full time			Part time		
	Hourly earnings		Mean weekly hours	Hourly earnings		Mean weekly hours	Hourly earnings		Mean weekly hours
	Mean	Relative error ⁵ (percent)		Mean	Relative error ⁵ (percent)		Mean	Relative error ⁵ (percent)	
White collar —Continued									
Professional specialty and technical —Continued									
Professional specialty—Continued									
Social scientists and urban planners—Continued									
Economists	\$29.16	7.9	37.8	\$29.16	7.9	37.8	—	—	—
Psychologists	28.99	11.5	33.6	29.04	12.3	35.9	\$28.47	9.5	18.9
Social, recreation, and religious workers	18.06	2.8	35.7	18.20	2.8	37.6	14.98	7.7	16.9
Social workers	18.27	3.0	35.9	18.40	3.0	37.5	15.25	8.3	18.5
Recreation workers	14.13	8.2	33.0	14.23	8.3	38.1	—	—	—
Lawyers and judges	38.47	7.2	39.0	38.25	7.3	40.5	—	—	—
Lawyers	38.45	7.3	39.3	38.25	7.3	40.5	—	—	—
Writers, authors, entertainers, athletes, and professionals, n.e.c.	28.22	7.1	35.7	28.35	7.2	38.5	25.24	30.0	12.9
Technical writers	22.21	10.1	40.0	22.21	10.1	40.0	—	—	—
Designers	23.15	4.6	38.9	23.39	4.6	39.2	—	—	—
Actors and directors	38.70	13.5	34.1	—	—	—	—	—	—
Editors and reporters	28.31	12.6	37.1	28.69	12.3	37.5	—	—	—
Public relations specialists	22.23	7.2	37.1	22.23	7.2	37.1	—	—	—
Athletes	16.54	9.1	17.8	—	—	—	17.57	14.8	12.5
Professional, n.e.c.	28.55	7.0	39.3	28.55	7.0	39.3	—	—	—
Technical	19.08	4.3	35.6	19.55	4.5	38.3	13.80	3.1	19.8
Clinical laboratory technologists and technicians	16.75	4.0	35.7	16.90	4.1	38.6	15.14	8.1	19.3
Health record technologists and technicians	12.92	8.9	29.5	13.59	7.4	38.6	—	—	—
Radiological technicians	17.98	4.7	31.9	18.50	4.4	38.5	15.54	7.8	17.7
Licensed practical nurses	14.43	2.1	33.1	14.42	2.2	38.7	14.44	3.3	21.6
Health technologists and technicians, n.e.c.	15.44	2.2	34.2	15.74	2.4	38.4	12.92	4.3	17.8
Electrical and electronic technicians	17.51	5.5	39.5	17.55	5.6	39.8	—	—	—
Mechanical engineering technicians	21.05	2.2	39.3	21.05	2.2	39.3	—	—	—
Engineering technicians, n.e.c.	19.04	2.1	39.4	19.02	2.2	39.7	—	—	—
Drafters	17.30	6.7	40.0	17.30	6.7	40.0	—	—	—
Surveying and mapping technicians	14.03	12.0	38.8	14.96	11.3	38.7	—	—	—
Biological technicians	19.17	5.1	37.8	19.71	4.9	39.5	—	—	—
Chemical technicians	17.58	4.1	39.8	17.58	4.1	39.8	—	—	—
Science technicians, n.e.c.	16.53	6.5	38.4	16.58	6.6	39.0	—	—	—
Airplane pilots and navigators	83.07	27.5	23.8	83.07	27.5	23.8	—	—	—
Broadcast equipment operators	25.65	13.1	33.5	28.46	10.5	38.6	—	—	—
Computer programmers	21.05	5.7	38.3	21.15	5.8	38.6	—	—	—
Legal assistants	18.65	5.0	38.2	18.65	5.0	38.2	—	—	—
Technical and related, n.e.c.	21.08	3.9	37.3	21.37	3.9	38.8	10.82	12.5	16.0
Executive, administrative, and managerial									
Executives, administrators, and managers	35.74	2.0	39.3	35.83	2.0	39.5	19.92	14.9	18.4
Administrators and officials, public administration	29.07	5.6	36.8	29.07	5.6	36.8	—	—	—
Financial managers	40.56	6.2	39.2	40.56	6.2	39.2	—	—	—
Personnel and labor relations managers	36.84	5.3	39.5	36.84	5.3	39.5	—	—	—
Purchasing managers	30.70	6.3	40.7	30.70	6.3	40.7	—	—	—
Managers, marketing, advertising, and public relations	38.04	4.8	39.8	38.04	4.8	39.8	—	—	—
Administrators, education and related fields	35.85	7.1	36.5	36.29	6.8	37.5	—	—	—
Managers, medicine and health	33.29	5.6	38.6	33.34	5.7	39.3	30.58	14.8	21.9
Managers, food servicing and lodging establishments	21.77	12.1	42.7	21.77	12.1	42.7	—	—	—
Managers, properties and real estate	29.05	2.4	39.6	29.05	2.4	39.6	—	—	—
Managers, service organizations, n.e.c.	33.43	9.6	38.1	33.70	9.6	38.3	—	—	—
Managers and administrators, n.e.c.	35.96	2.5	40.1	35.98	2.5	40.2	—	—	—
Management related	23.84	2.9	38.3	23.88	2.9	38.7	18.68	7.9	16.4
Accountants and auditors	22.78	3.2	38.3	22.80	3.2	38.7	—	—	—
Underwriters	34.64	12.9	38.7	34.64	12.9	38.7	—	—	—
Other financial officers	28.73	10.4	37.2	28.85	10.4	37.7	—	—	—
Management analysts	29.08	5.6	38.7	29.08	5.6	38.7	—	—	—

See footnotes at end of table.

Table 3. Selected occupations, Middle Atlantic: Mean hourly earnings¹ and weekly hours for full-time and part-time workers,² National Compensation Survey,³ 1998—Continued

Occupation ⁴	Total			Full time			Part time		
	Hourly earnings		Mean weekly hours	Hourly earnings		Mean weekly hours	Hourly earnings		Mean weekly hours
	Mean	Relative error ⁵ (percent)		Mean	Relative error ⁵ (percent)		Mean	Relative error ⁵ (percent)	
White collar —Continued									
Executive, administrative, and managerial									
—Continued									
Management related—Continued									
Personnel, training, and labor relations specialists	\$22.78	5.6	39.1	\$22.79	5.6	39.2	—	—	—
Buyers, wholesale and retail trade, except farm products	24.35	10.6	40.5	24.35	10.6	40.5	—	—	—
Purchasing agents and buyers, n.e.c.	22.92	8.9	39.1	22.92	8.9	39.1	—	—	—
Construction inspectors	20.64	8.2	36.3	20.44	8.1	39.2	—	—	—
Inspectors and compliance officers, except construction	20.06	9.6	37.9	20.06	9.6	37.9	—	—	—
Management related, n.e.c.	23.00	4.2	38.4	23.07	4.3	38.8	—	—	—
Sales	14.98	6.4	31.6	18.11	6.6	39.8	\$6.98	1.9	20.7
Supervisors, sales	22.69	9.5	40.5	22.74	9.5	40.7	—	—	—
Insurance sales	18.42	13.2	39.1	18.42	13.2	39.1	—	—	—
Securities and financial services sales	45.57	8.3	39.7	45.57	8.3	39.7	—	—	—
Advertising and related sales	18.95	4.9	37.1	19.33	4.8	37.7	—	—	—
Sales, other business services	20.92	10.4	34.6	22.47	10.3	38.9	—	—	—
Sales engineers	22.44	9.0	43.2	22.44	9.0	43.2	—	—	—
Sales representatives, mining, manufacturing, and wholesale	26.23	7.0	41.6	26.23	7.0	41.6	—	—	—
Sales workers, motor vehicles and boats	23.34	19.0	44.9	23.34	19.0	44.9	—	—	—
Sales workers, apparel	7.46	5.8	29.2	7.79	8.1	37.4	6.80	4.1	20.4
Sales workers, shoes	9.45	6.7	31.4	—	—	—	—	—	—
Sales workers, furniture and home furnishings ..	13.74	16.7	37.8	14.16	15.9	41.7	7.64	15.5	15.9
Sales workers, radio, tv, hi-fi, and appliances ...	9.86	8.5	36.0	9.97	8.9	40.7	—	—	—
Sales workers, hardware and building supplies ..	12.43	8.5	36.0	13.31	8.1	39.8	8.64	8.1	25.4
Sales workers, parts	17.45	22.3	36.9	18.36	21.3	39.0	—	—	—
Sales workers, other commodities	8.85	4.6	27.6	10.16	6.1	39.3	7.10	3.3	19.7
Sales counter clerks	8.57	6.1	28.6	8.77	5.6	39.1	8.25	11.6	20.0
Cashiers	8.26	3.5	26.5	10.53	4.2	39.4	6.60	2.0	21.3
Demonstrators, promoters, and models, sales ..	9.50	9.8	26.5	10.91	10.6	37.1	7.46	3.5	18.8
Sales support, n.e.c.	13.72	10.6	34.5	14.66	9.9	38.9	8.60	15.8	21.4
Administrative support, including clerical	13.44	1.3	36.1	13.76	1.3	38.4	10.02	5.0	22.2
Supervisors, general office	19.01	3.9	38.2	19.01	3.9	38.2	—	—	—
Supervisors, computer equipment operators	20.37	5.5	38.1	20.37	5.5	38.1	—	—	—
Supervisors, financial records processing	18.19	4.3	38.2	18.21	4.3	38.6	—	—	—
Supervisors, distribution, scheduling, and adjusting clerks	18.67	10.1	40.1	18.67	10.1	40.1	—	—	—
Computer operators	14.78	3.5	38.3	14.78	3.5	38.3	—	—	—
Peripheral equipment operators	10.75	8.4	33.2	10.88	8.3	38.0	—	—	—
Secretaries	14.74	1.7	37.0	14.89	1.6	38.0	11.78	8.5	24.7
Stenographers	16.35	4.4	35.1	16.52	4.7	37.9	—	—	—
Typists	12.66	2.7	34.2	12.80	2.9	36.7	10.68	6.1	17.9
Interviewers	10.72	5.8	27.9	11.22	6.0	38.0	9.50	11.3	16.9
Hotel clerks	9.70	6.3	38.6	9.70	6.3	38.6	—	—	—
Transportation ticket and reservation agents	14.81	5.3	34.9	15.46	5.1	39.5	10.97	6.1	20.6
Receptionists	10.38	2.7	34.3	10.69	2.8	38.8	8.64	6.1	20.6
Information clerks, n.e.c.	14.36	14.0	34.5	12.48	4.2	39.0	19.16	23.7	26.8
Correspondence clerks	13.31	5.1	37.8	13.44	5.1	39.5	—	—	—
Order clerks	15.28	4.4	38.7	15.36	4.4	39.0	—	—	—
Personnel clerks, except payroll and timekeeping	14.71	3.7	38.7	14.80	3.7	39.3	—	—	—
Library clerks	11.56	2.9	26.6	12.40	3.2	35.3	9.88	3.9	17.8
File clerks	10.24	3.9	36.0	10.36	4.0	37.9	—	—	—
Records clerks, n.e.c.	12.64	3.1	36.4	12.88	3.0	38.6	9.34	6.0	20.8
Bookkeepers, accounting and auditing clerks ...	13.12	2.1	37.6	13.27	2.1	38.3	9.04	2.8	24.5
Payroll and timekeeping clerks	12.95	4.8	38.5	12.96	4.9	39.1	—	—	—
Billing clerks	11.11	4.4	38.5	11.09	4.5	39.4	—	—	—

See footnotes at end of table.

Table 3. Selected occupations, Middle Atlantic: Mean hourly earnings¹ and weekly hours for full-time and part-time workers,² National Compensation Survey,³ 1998—Continued

Occupation ⁴	Total			Full time			Part time		
	Hourly earnings		Mean weekly hours	Hourly earnings		Mean weekly hours	Hourly earnings		Mean weekly hours
	Mean	Relative error ⁵ (percent)		Mean	Relative error ⁵ (percent)		Mean	Relative error ⁵ (percent)	
White collar —Continued									
Administrative support, including clerical —Continued									
Billing, posting, and calculating machine operators	\$10.69	7.8	29.9	\$11.69	7.1	38.5	\$8.06	6.4	18.9
Duplicating machine operators	9.44	5.4	32.3	9.81	7.0	39.2	—	—	—
Office machine operators, n.e.c.	8.61	9.9	37.3	8.68	10.5	39.1	—	—	—
Telephone operators	14.18	5.1	36.0	14.71	4.6	38.6	9.51	7.3	22.7
Mail clerks, except postal service	10.64	8.8	37.6	10.80	9.2	39.0	8.11	9.3	24.2
Messengers	8.93	15.6	37.4	8.87	17.0	38.4	—	—	—
Dispatchers	15.60	9.0	38.5	15.73	9.1	39.7	10.45	1.5	16.8
Production coordinators	15.67	7.4	38.7	15.94	7.5	39.8	—	—	—
Traffic, shipping and receiving clerks	11.82	2.7	39.3	11.93	2.6	39.5	8.32	3.7	33.2
Stock and inventory clerks	12.16	5.7	35.1	13.08	4.4	39.3	—	—	—
Meter readers	18.38	3.3	40.0	18.38	3.3	40.0	—	—	—
Weighers, measurers, checkers, and samplers	12.63	22.2	38.6	13.69	19.2	40.3	—	—	—
Expeditors	13.24	9.8	36.0	13.90	9.7	39.3	—	—	—
Material recording, scheduling, and distribution clerks, n.e.c.	11.29	8.0	34.1	12.43	6.6	39.0	6.60	6.4	22.4
Insurance adjusters, examiners, and investigators	16.36	13.1	39.1	16.36	13.1	39.1	—	—	—
Investigators and adjusters, except insurance ...	14.95	7.8	38.1	15.15	7.8	39.5	10.53	12.7	21.8
Eligibility clerks, social welfare	14.26	3.3	35.8	14.26	3.3	35.8	—	—	—
Bill and account collectors	13.84	8.4	38.3	14.04	8.5	39.5	—	—	—
General office clerks	12.58	2.9	35.3	13.12	2.7	38.1	8.28	7.5	22.4
Bank tellers	9.67	1.6	34.4	9.73	1.7	38.7	9.36	2.8	21.8
Proofreaders	11.97	12.3	36.7	—	—	—	—	—	—
Data entry keyers	10.54	2.6	37.4	10.69	2.7	39.1	9.32	6.2	27.9
Statistical clerks	12.02	6.7	36.4	12.03	6.9	36.9	—	—	—
Teachers' aides	10.97	6.2	28.2	10.25	4.2	33.6	12.05	10.4	22.8
Administrative support, n.e.c.	13.36	4.1	34.7	13.96	4.2	38.0	8.83	5.3	20.7
Blue collar	13.85	1.6	38.3	14.10	1.7	39.8	9.18	5.5	22.3
Precision production, craft, and repair	18.33	1.6	39.4	18.35	1.7	39.8	16.65	11.5	24.1
Supervisors, mechanics and repairers	23.68	5.1	39.7	23.75	5.1	40.2	—	—	—
Automobile mechanics	19.33	6.6	40.0	19.33	6.6	40.0	—	—	—
Bus, truck, and stationary engine mechanics	16.80	2.6	40.0	16.80	2.6	40.0	—	—	—
Automobile body and related repairers	13.60	1.6	40.2	13.60	1.6	40.2	—	—	—
Aircraft mechanics, except engine	19.46	5.8	40.0	19.46	5.8	40.0	—	—	—
Heavy equipment mechanics	17.44	12.0	40.0	17.44	12.0	40.0	—	—	—
Industrial machinery repairers	15.40	7.3	39.9	15.40	7.3	39.9	—	—	—
Machinery maintenance	17.40	4.3	40.1	17.40	4.3	40.1	—	—	—
Electronic repairers, communications and industrial equipment	21.99	5.2	38.8	22.11	5.2	40.0	—	—	—
Data processing equipment repairers	—	—	—	15.34	3.3	40.1	—	—	—
Household appliance and power tool repairers	20.45	6.5	40.0	20.45	6.5	40.0	—	—	—
Telephone installers and repairers	17.78	3.5	40.0	17.78	3.5	40.0	—	—	—
Heating, air conditioning, and refrigeration mechanics	19.84	4.0	39.9	19.84	4.0	39.9	—	—	—
Mechanical controls and valve repairers	23.76	4.4	40.0	23.76	4.4	40.0	—	—	—
Millwrights	17.47	8.1	40.0	17.47	8.1	40.0	—	—	—
Mechanics and repairers, n.e.c.	17.88	2.4	39.3	17.97	2.4	39.5	—	—	—
Supervisors, electricians and power transmission installers	30.48	8.7	39.2	30.48	8.7	39.2	—	—	—
Supervisors, construction trades, n.e.c.	20.88	8.0	39.6	20.88	8.0	39.6	—	—	—
Carpenters	18.33	5.4	38.9	18.41	5.4	39.5	—	—	—
Electricians	20.48	5.3	39.5	20.43	5.3	39.7	—	—	—
Electrician apprentices	17.02	12.6	39.9	17.02	12.6	39.9	—	—	—
Electrical power installers and repairers	25.11	2.7	40.0	25.11	2.7	40.0	—	—	—
Painters, construction and maintenance	20.03	10.5	37.7	20.12	10.4	37.8	—	—	—
Plumbers, pipefitters and steamfitters	21.34	3.9	39.5	21.34	3.9	39.5	—	—	—
Construction trades, n.e.c.	15.87	6.1	39.3	15.87	6.1	39.3	—	—	—

See footnotes at end of table.

Table 3. Selected occupations, Middle Atlantic: Mean hourly earnings¹ and weekly hours for full-time and part-time workers,² National Compensation Survey,³ 1998—Continued

Occupation ⁴	Total			Full time			Part time		
	Hourly earnings		Mean weekly hours	Hourly earnings		Mean weekly hours	Hourly earnings		Mean weekly hours
	Mean	Relative error ⁵ (percent)		Mean	Relative error ⁵ (percent)		Mean	Relative error ⁵ (percent)	
Blue collar—Continued									
Precision production, craft, and repair—Continued									
Supervisors, production	\$19.68	2.6	40.2	\$19.69	2.6	40.2	—	—	—
Tool and die makers	19.26	2.2	40.0	19.26	2.2	40.0	—	—	—
Precision assemblers, metal	16.97	6.3	40.0	16.97	6.3	40.0	—	—	—
Machinists	17.01	3.9	40.0	17.01	3.9	40.0	—	—	—
Patternmakers and modelmakers, metal	23.31	3.3	40.0	23.31	3.3	40.0	—	—	—
Sheet metal workers	15.19	14.2	40.0	15.19	14.2	40.0	—	—	—
Electrical and electronic equipment assemblers	11.28	4.4	39.6	11.31	4.5	39.9	—	—	—
Miscellaneous precision workers, n.e.c.	19.10	8.0	40.0	19.10	8.0	40.0	—	—	—
Butchers and meat cutters	14.18	5.9	38.5	14.35	5.9	40.0	—	—	—
Bakers	11.01	12.7	36.5	11.57	12.1	38.9	—	—	—
Inspectors, testers, and graders	18.84	5.5	40.0	18.84	5.5	40.0	—	—	—
Water and sewer treatment plant operators	15.95	4.4	40.0	15.95	4.4	40.0	—	—	—
Stationary engineers	18.78	4.3	38.5	18.71	4.4	39.7	—	—	—
Miscellaneous plant and system operators, n.e.c.	19.84	6.7	41.3	19.84	6.7	41.3	—	—	—
Machine operators, assemblers, and inspectors	11.84	1.7	39.6	11.88	1.7	39.9	\$7.74	3.9	24.9
Lathe and turning machine operators	14.50	7.6	39.3	14.50	7.6	39.3	—	—	—
Punching and stamping press operators	12.13	9.5	40.0	12.13	9.5	40.0	—	—	—
Rolling machine operators	17.52	6.0	40.0	17.52	6.0	40.0	—	—	—
Drilling and boring machine operators	14.76	7.0	40.0	14.76	7.0	40.0	—	—	—
Grinding, abrading, buffing, and polishing machine operators	13.25	4.1	40.0	13.25	4.1	40.0	—	—	—
Numerical control machine operators	13.20	6.3	40.0	13.20	6.3	40.0	—	—	—
Fabricating machine operators, n.e.c.	14.14	5.2	40.0	14.14	5.2	40.0	—	—	—
Molding and casting machine operators	10.19	9.7	39.9	10.25	10.0	40.0	—	—	—
Metal plating machine operators	12.45	3.5	40.0	12.45	3.5	40.0	—	—	—
Heat treating equipment operators	16.16	6.2	39.7	16.16	6.2	39.7	—	—	—
Printing press operators	15.79	4.9	39.7	15.79	4.9	39.7	—	—	—
Photoengravers and lithographers	13.20	6.6	36.6	13.49	5.6	37.9	—	—	—
Typesetters and compositors	16.65	9.9	33.3	17.83	8.9	38.2	—	—	—
Winding and twisting machine operators	10.63	6.3	38.9	10.70	5.9	40.0	—	—	—
Knitting, looping, taping, and weaving machine operators	10.60	7.2	40.0	10.60	7.2	40.0	—	—	—
Textile cutting machine operators	7.87	7.2	40.0	7.87	7.2	40.0	—	—	—
Textile sewing machine operators	7.53	3.8	39.6	7.53	3.8	39.6	—	—	—
Pressing machine operators	8.11	17.4	36.2	8.26	18.7	38.7	—	—	—
Laundering and dry cleaning machine operators	9.75	4.7	35.0	9.86	5.2	39.3	9.00	7.7	19.7
Packaging and filling machine operators	10.20	9.6	40.0	10.20	9.6	40.0	—	—	—
Extruding and forming machine operators	11.22	7.1	40.0	11.22	7.1	40.0	—	—	—
Mixing and blending machine operators	14.04	4.5	40.0	14.04	4.5	40.0	—	—	—
Separating, filtering, and clarifying machine operators	14.25	5.0	38.7	14.45	4.3	40.0	—	—	—
Painting and paint spraying machine operators	13.52	5.4	40.0	13.52	5.4	40.0	—	—	—
Folding machine operators	10.92	7.8	39.2	10.92	7.8	39.2	—	—	—
Furnace, kiln, and oven operators, except food	12.63	4.2	39.3	12.61	4.3	40.0	—	—	—
Crushing and grinding machine operators	15.22	6.1	39.1	15.22	6.1	39.1	—	—	—
Slicing and cutting machine operators	12.42	3.3	40.0	12.42	3.3	40.0	—	—	—
Photographic process machine operators	10.61	3.9	39.7	10.65	3.9	40.0	—	—	—
Miscellaneous machine operators, n.e.c.	13.39	2.2	39.9	13.40	2.2	39.9	—	—	—
Welders and cutters	16.24	4.8	40.0	16.24	4.8	40.0	—	—	—
Solders and braziers	10.19	5.1	40.0	10.44	5.9	40.0	—	—	—
Assemblers	9.97	6.2	39.5	10.07	6.4	40.0	6.52	2.9	28.8
Hand painting, coating, and decorating	12.55	18.4	40.0	12.55	18.4	40.0	—	—	—
Miscellaneous hand working, n.e.c.	11.31	6.0	40.0	11.31	6.0	40.0	—	—	—
Production inspectors, checkers and examiners	11.85	4.7	39.9	11.85	4.7	39.9	—	—	—
Production testers	12.55	3.1	40.0	12.55	3.1	40.0	—	—	—
Transportation and material moving	14.72	2.2	36.2	15.21	2.1	39.6	10.85	5.6	21.3
Supervisors, motor vehicle operators	18.83	3.4	40.0	18.83	3.4	40.0	—	—	—
Truck drivers	14.98	2.8	38.3	15.18	2.8	40.1	11.55	5.4	21.8

See footnotes at end of table.

Table 3. Selected occupations, Middle Atlantic: Mean hourly earnings¹ and weekly hours for full-time and part-time workers,² National Compensation Survey,³ 1998—Continued

Occupation ⁴	Total			Full time			Part time		
	Hourly earnings		Mean weekly hours	Hourly earnings		Mean weekly hours	Hourly earnings		Mean weekly hours
	Mean	Relative error ⁵ (percent)		Mean	Relative error ⁵ (percent)		Mean	Relative error ⁵ (percent)	
Blue collar—Continued									
Transportation and material moving—Continued									
Driver-sales workers	\$17.99	4.2	40.3	\$18.16	4.0	40.6	—	—	—
Bus drivers	14.26	3.9	30.4	15.54	4.0	37.6	\$11.79	4.6	22.3
Taxicab drivers and chauffeurs	10.24	11.5	31.5	10.53	11.2	38.7	9.60	18.8	22.4
Motor transportation, n.e.c.	12.33	8.9	36.7	12.54	8.9	38.0	—	—	—
Locomotive operating	19.06	5.5	40.0	19.06	5.5	40.0	—	—	—
Supervisors, material moving equipment	18.91	5.1	39.2	18.91	5.1	39.2	—	—	—
Operating engineers	17.96	9.3	40.0	17.96	9.3	40.0	—	—	—
Crane and tower operators	17.20	12.7	40.0	17.20	12.7	40.0	—	—	—
Excavating and loading machine operators	14.26	6.7	40.4	14.26	6.7	40.4	—	—	—
Grader, dozer, and scraper operators	19.05	11.3	40.1	19.05	11.3	40.1	—	—	—
Industrial truck and tractor equipment operators	12.31	3.3	39.8	12.32	3.4	40.0	—	—	—
Miscellaneous material moving equipment operators, n.e.c.	15.63	3.3	37.8	15.73	3.4	39.0	—	—	—
Handlers, equipment cleaners, helpers, and laborers									
Groundskeepers and gardeners, except farm ...	11.66	4.6	36.7	12.01	4.8	39.4	8.34	12.4	22.4
Supervisors, handlers, equipment cleaners, and laborers, n.e.c.	16.79	5.9	39.5	16.79	5.9	39.5	—	—	—
Helpers, mechanics and repairers	11.78	7.0	37.4	11.94	7.0	39.3	—	—	—
Helpers, construction trades	13.46	16.5	39.5	13.46	16.5	39.5	—	—	—
Construction laborers	12.63	4.3	39.0	12.70	4.3	39.2	—	—	—
Production helpers	10.52	4.6	38.5	10.61	4.4	39.5	—	—	—
Garbage collectors	16.57	5.3	39.9	16.57	5.3	39.9	—	—	—
Stock handlers and baggers	9.58	4.8	30.3	11.23	6.5	39.9	6.78	2.8	21.5
Machine feeders and offbearers	9.60	4.7	39.3	9.63	4.8	39.9	—	—	—
Freight, stock, and material handlers, n.e.c.	12.10	4.1	36.3	12.67	4.2	40.0	8.96	7.7	24.1
Vehicle washers and equipment cleaners	10.30	8.3	35.2	11.06	9.5	39.8	5.99	12.9	21.2
Hand packers and packagers	9.57	5.4	39.3	9.70	5.6	40.0	7.15	6.9	30.3
Laborers, except construction, n.e.c.	10.41	2.9	39.0	10.49	3.0	39.9	7.78	7.6	23.6
Service									
Protective service	17.80	3.5	37.2	18.50	3.4	39.7	8.90	5.1	21.0
Supervisors, firefighters and fire prevention	25.37	8.1	44.6	25.37	8.1	44.6	—	—	—
Supervisors, police and detectives	28.47	4.4	39.9	28.47	4.4	39.9	—	—	—
Supervisors, guards	18.03	5.0	39.9	18.03	5.0	39.9	—	—	—
Firefighting	19.89	2.4	43.2	19.89	2.4	43.2	—	—	—
Police and detectives, public service	22.79	3.6	39.6	22.81	3.6	39.6	—	—	—
Sheriffs, bailiffs, and other law enforcement officers	19.23	5.7	34.3	19.91	5.3	38.0	12.45	18.0	17.2
Correctional institution officers	18.88	2.7	39.9	18.89	2.7	39.9	—	—	—
Crossing guards	9.97	7.6	20.6	—	—	—	9.37	9.7	20.8
Guards and police, except public service	9.89	6.2	35.0	10.21	6.9	39.1	8.22	5.3	22.8
Protective service, n.e.c.	12.36	12.8	26.7	14.40	20.0	38.4	9.56	12.6	18.8
Food service	7.66	2.7	28.5	8.81	3.0	37.8	5.90	3.3	20.7
Supervisors, food preparation and service	12.34	8.0	36.9	12.98	7.8	40.4	6.68	6.0	21.0
Bartenders	6.32	12.4	26.5	7.37	14.7	34.6	4.98	8.0	20.4
Waiters and waitresses	4.69	6.4	25.8	5.21	9.8	36.6	4.18	5.7	20.1
Cooks	9.85	3.2	35.0	10.12	3.3	38.0	7.84	6.4	22.1
Food counter, fountain, and related	7.20	5.7	26.8	8.12	4.6	38.1	6.45	6.9	21.6
Kitchen workers, food preparation	9.16	4.6	29.2	10.40	5.7	39.2	7.27	3.1	21.0
Waiters/Waitresses' assistants	5.82	7.8	26.2	6.72	8.2	36.7	4.39	7.5	18.0
Food preparation, n.e.c.	7.65	3.6	27.7	8.61	3.9	37.6	6.55	5.2	21.3
Health service	9.73	2.3	33.9	9.94	2.6	38.0	8.44	1.8	20.5
Health aides, except nursing	11.22	2.9	34.5	11.55	3.1	38.8	8.64	4.6	18.5
Nursing aides, orderlies and attendants	9.42	2.5	33.8	9.59	3.0	37.8	8.41	2.0	20.9
Cleaning and building service	10.74	3.2	34.4	11.45	2.6	39.0	7.31	3.3	21.9
Supervisors, cleaning and building service workers	14.27	9.1	38.8	15.58	5.5	39.3	—	—	—
Maids and housemen	10.20	5.9	35.7	10.35	6.1	37.6	8.10	7.6	20.2

See footnotes at end of table.

Table 3. Selected occupations, Middle Atlantic: Mean hourly earnings¹ and weekly hours for full-time and part-time workers,² National Compensation Survey,³ 1998—Continued

Occupation ⁴	Total			Full time			Part time		
	Hourly earnings		Mean weekly hours	Hourly earnings		Mean weekly hours	Hourly earnings		Mean weekly hours
	Mean	Relative error ⁵ (percent)		Mean	Relative error ⁵ (percent)		Mean	Relative error ⁵ (percent)	
Service —Continued									
Cleaning and building service—Continued									
Janitors and cleaners	\$10.59	3.6	33.8	\$11.44	2.8	39.4	\$7.25	3.4	21.7
Personal service	11.02	6.5	28.4	12.13	7.7	34.6	8.19	3.6	19.5
Supervisors, personal service	16.74	6.3	36.1	17.37	6.4	40.0	—	—	—
Hairdressers and cosmetologists	10.98	19.0	32.2	—	—	—	7.46	6.5	22.6
Attendants, amusement, and recreation facilities	7.33	5.5	27.5	7.84	6.6	39.8	6.33	5.8	17.1
Ushers	8.33	8.6	16.7	—	—	—	8.33	8.6	16.7
Public transportation attendants	22.53	17.6	23.0	24.30	15.9	23.3	8.91	22.6	20.8
Baggage porters and bellhops	7.54	24.5	39.2	7.33	24.8	39.7	—	—	—
Welfare service aides	9.54	4.8	34.1	9.83	5.8	38.8	8.27	7.0	22.2
Early childhood teachers' assistants	9.14	7.2	27.6	9.85	7.6	35.7	7.22	9.7	17.1
Child care workers, n.e.c.	8.72	2.5	28.2	8.71	3.9	38.7	8.72	4.0	20.3
Service, n.e.c.	9.64	8.3	28.4	10.31	11.0	35.1	8.09	9.4	19.6

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

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

³ In this census division, collection was conducted between November 1997 and April

1999. The average reference period was July 1998.

⁴ A classification system including about 480 individual occupations is used to cover all workers in the civilian economy. For more information, see Technical Note.

⁵ The relative standard error (RSE) is the standard error expressed as a percent of the estimate. It can be used to calculate a "confidence interval" around a sample estimate. For more information about RSEs, see Technical Note.

NOTE: Dashes indicate that no data were reported or that data did not meet publication criteria, and n.e.c. means "not elsewhere classified." Overall occupational groups may include data for categories not shown separately.

Table 4. Selected occupations, Middle Atlantic, private industry: Mean hourly earnings¹ for full-time and part-time workers,² National Compensation Survey,³ 1998

Occupation ⁴	Total			Full time			Part time		
	Hourly earnings		Mean weekly hours	Hourly earnings		Mean weekly hours	Hourly earnings		Mean weekly hours
	Mean	Relative error ⁵ (percent)		Mean	Relative error ⁵ (percent)		Mean	Relative error ⁵ (percent)	
All	\$17.14	1.8	35.8	\$17.99	1.8	39.1	\$9.82	3.9	20.9
All excluding sales	17.31	1.8	36.2	17.98	1.8	39.1	10.54	4.5	20.9
White collar	21.19	1.7	36.0	22.13	1.7	39.1	12.17	4.8	20.5
White collar excluding sales	22.13	1.7	36.8	22.59	1.6	39.0	15.64	5.7	20.5
Professional specialty and technical	25.28	2.1	35.5	25.64	2.1	38.9	21.50	6.1	18.6
Professional specialty	27.46	2.0	35.5	27.76	2.0	39.1	24.31	6.9	18.1
Engineers, architects, and surveyors	28.57	1.9	39.9	28.56	1.9	40.2	-	-	-
Architects	20.34	13.4	43.9	20.34	13.4	43.9	-	-	-
Metallurgical and materials engineers	26.63	5.8	40.2	26.63	5.8	40.2	-	-	-
Chemical engineers	33.02	5.7	39.7	33.02	5.7	39.7	-	-	-
Nuclear engineers	35.65	8.7	40.0	35.65	8.7	40.0	-	-	-
Civil engineers	27.03	7.1	40.3	27.03	7.1	40.3	-	-	-
Electrical and electronic engineers	29.73	2.1	39.3	29.74	2.1	39.8	-	-	-
Industrial engineers	24.85	12.9	41.1	24.85	12.9	41.1	-	-	-
Mechanical engineers	25.79	4.6	39.0	25.90	4.7	40.0	-	-	-
Engineers, n.e.c.	30.29	2.3	39.7	30.21	2.3	40.1	-	-	-
Mathematical and computer scientists	32.53	5.2	39.4	31.90	5.2	39.5	-	-	-
Computer systems analysts and scientists	30.10	2.6	39.5	30.13	2.6	39.5	-	-	-
Operations and systems researchers and analysts	42.90	9.3	39.5	40.27	11.2	40.0	-	-	-
Statisticians	27.89	6.9	35.6	27.89	6.9	35.6	-	-	-
Natural scientists	30.34	4.5	39.3	30.45	4.5	39.5	-	-	-
Chemists, except biochemists	34.05	6.6	39.6	34.35	6.7	39.9	-	-	-
Physical scientists, n.e.c.	25.85	6.4	40.0	25.85	6.4	40.0	-	-	-
Biological and life scientists	30.59	7.5	38.5	30.59	7.5	38.5	-	-	-
Medical scientists	28.82	10.6	38.0	28.82	10.6	38.0	-	-	-
Health related	24.17	2.2	32.7	24.39	2.2	38.9	23.21	4.0	19.0
Physicians	31.58	7.3	36.8	29.77	8.1	40.8	55.65	4.1	16.0
Registered nurses	23.28	2.2	32.0	23.79	2.1	38.6	21.38	3.1	19.4
Pharmacists	28.04	2.1	34.4	28.07	2.3	39.2	27.79	2.3	17.6
Dietitians	17.05	3.9	34.8	16.98	4.4	38.2	-	-	-
Respiratory therapists	20.78	2.4	32.0	21.30	3.0	39.2	18.93	2.6	19.3
Occupational therapists	22.70	8.8	29.2	23.69	8.8	38.0	-	-	-
Physical therapists	26.20	6.6	33.4	24.00	1.8	39.3	34.83	17.6	21.0
Speech therapists	20.73	12.8	24.6	-	-	-	-	-	-
Therapists, n.e.c.	14.96	4.8	36.4	15.13	4.8	39.3	-	-	-
Physicians' assistants	24.49	12.2	37.2	24.34	12.6	38.2	-	-	-
Teachers, college and university	38.98	4.5	33.0	39.87	4.4	37.5	23.50	6.6	10.7
Biological science teachers	36.19	2.8	29.7	-	-	-	-	-	-
Medical science teachers	48.59	12.1	39.1	48.59	12.1	39.1	-	-	-
Health specialties teachers	30.04	6.0	38.0	30.04	6.0	38.0	-	-	-
Business, commerce, and marketing teachers ..	45.21	10.6	35.6	45.21	10.6	35.6	-	-	-
Art, drama, and music teachers	26.00	3.6	27.5	27.29	4.2	36.7	22.82	3.8	17.0
Education teachers	32.26	6.7	27.6	33.11	7.4	36.6	-	-	-
English teachers	37.84	24.5	38.2	37.84	24.5	38.2	-	-	-
Theology teachers	45.15	10.4	34.9	45.26	10.5	35.4	-	-	-
Teachers, post secondary, subject not specified	33.76	8.5	35.3	34.70	8.0	41.1	-	-	-
Teachers, post secondary, n.e.c.	39.43	12.9	29.0	41.09	13.1	38.0	21.84	15.3	8.2
Teachers, except college and university	19.44	3.7	31.0	19.79	3.8	36.9	16.82	10.3	14.1
Prekindergarten and kindergarten	14.27	9.6	32.3	14.45	9.2	34.3	-	-	-
Elementary school teachers	22.62	6.0	33.0	22.96	6.3	37.9	20.74	8.4	19.3
Secondary school teachers	24.33	7.5	37.0	24.42	7.5	37.5	-	-	-
Teachers, special education	21.08	8.3	33.2	21.08	8.5	35.7	-	-	-
Teachers, n.e.c.	17.68	8.8	23.0	18.07	8.6	37.2	16.56	17.6	11.1
Substitute teachers	7.69	3.8	18.8	-	-	-	7.69	3.8	18.8
Vocational and educational counselors	17.01	9.4	36.9	17.12	9.5	37.8	-	-	-
Librarians, archivists, and curators	21.40	8.0	35.8	21.36	8.2	36.7	-	-	-
Librarians	22.66	7.0	34.7	22.63	7.2	35.9	-	-	-
Social scientists and urban planners	25.30	7.7	35.4	25.07	8.3	37.8	28.44	9.8	19.0
Economists	29.16	7.9	37.8	29.16	7.9	37.8	-	-	-
Psychologists	19.40	5.7	31.9	17.28	6.0	37.9	28.44	9.8	19.0
Social, recreation, and religious workers	16.47	3.8	35.3	16.51	3.9	38.1	15.92	7.8	18.2
Social workers	16.48	3.9	35.4	16.49	4.1	38.2	16.27	7.8	19.3

See footnotes at end of table.

Table 4. Selected occupations, Middle Atlantic, private industry: Mean hourly earnings¹ for full-time and part-time workers,² National Compensation Survey,³ 1998–Continued

Occupation ⁴	Total			Full time			Part time		
	Hourly earnings		Mean weekly hours	Hourly earnings		Mean weekly hours	Hourly earnings		Mean weekly hours
	Mean	Relative error ⁵ (percent)		Mean	Relative error ⁵ (percent)		Mean	Relative error ⁵ (percent)	
White collar –Continued									
Professional specialty and technical –Continued									
Professional specialty –Continued									
Social, recreation, and religious workers –Continued									
Recreation workers	\$12.00	8.8	32.7	\$12.07	9.2	38.0	–	–	–
Lawyers and judges	46.17	6.7	44.9	46.17	6.7	44.9	–	–	–
Lawyers	46.17	6.7	44.9	46.17	6.7	44.9	–	–	–
Writers, authors, entertainers, athletes, and professionals, n.e.c.	28.75	7.3	36.2	28.74	7.4	38.6	\$29.08	33.4	11.9
Technical writers	22.21	10.1	40.0	22.21	10.1	40.0	–	–	–
Designers	23.15	4.6	38.9	23.39	4.6	39.2	–	–	–
Editors and reporters	28.40	12.7	37.1	28.78	12.4	37.5	–	–	–
Public relations specialists	23.26	8.9	37.0	23.26	8.9	37.0	–	–	–
Athletes	16.96	11.6	18.6	–	–	–	19.39	21.1	10.7
Professional, n.e.c.	28.74	7.1	39.4	28.74	7.1	39.4	–	–	–
Technical	19.46	4.7	35.5	19.98	4.9	38.3	13.85	3.3	20.0
Clinical laboratory technologists and technicians	16.54	4.3	35.6	16.65	4.4	38.7	15.32	8.3	19.3
Health record technologists and technicians	12.93	9.0	29.4	13.62	7.6	38.6	–	–	–
Radiological technicians	17.82	4.6	31.8	18.32	4.3	38.6	15.54	7.8	17.7
Licensed practical nurses	14.38	2.4	32.6	14.42	2.5	38.5	14.25	3.6	22.2
Health technologists and technicians, n.e.c.	14.75	2.7	33.6	14.97	2.8	38.5	13.24	4.2	17.8
Electrical and electronic technicians	17.51	5.6	39.8	17.54	5.6	39.8	–	–	–
Mechanical engineering technicians	21.05	2.2	39.3	21.05	2.2	39.3	–	–	–
Engineering technicians, n.e.c.	19.15	2.3	39.6	19.13	2.4	39.9	–	–	–
Drafters	17.30	6.7	40.0	17.30	6.7	40.0	–	–	–
Surveying and mapping technicians	14.44	15.1	40.0	–	–	–	–	–	–
Biological technicians	19.71	4.9	39.5	19.71	4.9	39.5	–	–	–
Chemical technicians	17.59	4.1	39.8	17.59	4.1	39.8	–	–	–
Science technicians, n.e.c.	16.51	6.5	38.5	16.56	6.6	39.0	–	–	–
Airplane pilots and navigators	83.07	27.5	23.8	83.07	27.5	23.8	–	–	–
Broadcast equipment operators	25.95	12.9	33.4	28.89	10.3	38.7	–	–	–
Computer programmers	21.48	5.1	38.3	21.61	5.1	38.6	–	–	–
Legal assistants	18.51	5.9	38.5	18.51	5.9	38.5	–	–	–
Technical and related, n.e.c.	21.80	3.9	37.9	22.05	3.9	39.2	11.62	11.8	16.2
Executive, administrative, and managerial	31.92	2.0	39.4	31.97	2.0	39.5	20.81	11.8	19.6
Executives, administrators, and managers	36.19	2.2	39.7	36.26	2.2	39.9	21.98	16.6	19.5
Financial managers	41.57	6.3	39.2	41.57	6.3	39.2	–	–	–
Personnel and labor relations managers	37.83	5.3	39.5	37.83	5.3	39.5	–	–	–
Purchasing managers	30.73	6.5	40.9	30.73	6.5	40.9	–	–	–
Managers, marketing, advertising, and public relations	38.08	4.8	39.8	38.08	4.8	39.8	–	–	–
Administrators, education and related fields	26.43	9.7	35.4	27.03	9.5	37.8	–	–	–
Managers, medicine and health	34.76	5.9	38.7	34.86	6.0	39.5	30.58	14.8	21.9
Managers, food servicing and lodging establishments	21.45	13.2	43.4	21.45	13.2	43.4	–	–	–
Managers, service organizations, n.e.c.	33.97	9.9	38.2	34.17	9.9	38.4	–	–	–
Managers and administrators, n.e.c.	36.08	2.6	40.3	36.11	2.6	40.3	–	–	–
Management related	24.64	3.3	38.9	24.67	3.3	39.0	18.36	8.6	19.7
Accountants and auditors	23.12	3.5	38.9	23.11	3.5	39.0	–	–	–
Underwriters	34.64	12.9	38.7	34.64	12.9	38.7	–	–	–
Other financial officers	29.30	11.8	37.6	29.45	11.9	38.2	–	–	–
Management analysts	29.21	6.1	39.2	29.21	6.1	39.2	–	–	–
Personnel, training, and labor relations specialists	24.03	5.9	39.4	24.06	5.9	39.4	–	–	–
Buyers, wholesale and retail trade, except farm products	24.35	10.6	40.5	24.35	10.6	40.5	–	–	–
Purchasing agents and buyers, n.e.c.	23.14	9.2	39.1	23.14	9.2	39.1	–	–	–
Inspectors and compliance officers, except construction	25.43	5.9	38.3	25.43	5.9	38.3	–	–	–
Management related, n.e.c.	22.65	5.7	39.1	22.68	5.7	39.3	–	–	–

See footnotes at end of table.

Table 4. Selected occupations, Middle Atlantic, private industry: Mean hourly earnings¹ for full-time and part-time workers,² National Compensation Survey,³ 1998–Continued

Occupation ⁴	Total			Full time			Part time		
	Hourly earnings		Mean weekly hours	Hourly earnings		Mean weekly hours	Hourly earnings		Mean weekly hours
	Mean	Relative error ⁵ (percent)		Mean	Relative error ⁵ (percent)		Mean	Relative error ⁵ (percent)	
White collar –Continued									
Sales	\$14.98	6.5	31.5	\$18.17	6.8	39.8	\$6.97	1.9	20.7
Supervisors, sales	22.69	9.5	40.5	22.74	9.5	40.7	–	–	–
Securities and financial services sales	45.57	8.3	39.7	45.57	8.3	39.7	–	–	–
Advertising and related sales	18.95	4.9	37.1	19.33	4.8	37.7	–	–	–
Sales, other business services	20.92	10.4	34.6	22.47	10.3	38.9	–	–	–
Sales engineers	22.44	9.0	43.2	22.44	9.0	43.2	–	–	–
Sales representatives, mining, manufacturing, and wholesale	26.23	7.0	41.6	26.23	7.0	41.6	–	–	–
Sales workers, motor vehicles and boats	23.34	19.0	44.9	23.34	19.0	44.9	–	–	–
Sales workers, apparel	7.46	5.8	29.2	7.79	8.1	37.4	6.80	4.1	20.4
Sales workers, shoes	9.45	6.7	31.4	–	–	–	–	–	–
Sales workers, furniture and home furnishings ..	13.74	16.7	37.8	14.16	15.9	41.7	7.64	15.5	15.9
Sales workers, radio, tv, hi-fi, and appliances ...	9.86	8.5	36.0	9.97	8.9	40.7	–	–	–
Sales workers, hardware and building supplies ..	12.43	8.5	36.0	13.31	8.1	39.8	8.64	8.1	25.4
Sales workers, parts	17.45	22.3	36.9	18.36	21.3	39.0	–	–	–
Sales workers, other commodities	8.85	4.6	27.6	10.16	6.1	39.3	7.10	3.3	19.7
Sales counter clerks	8.57	6.1	28.6	8.77	5.6	39.1	8.25	11.6	20.0
Cashiers	7.95	3.3	26.1	10.02	4.0	39.5	6.58	2.0	21.3
Demonstrators, promoters, and models, sales ..	9.50	9.8	26.5	10.91	10.6	37.1	7.46	3.5	18.8
Sales support, n.e.c.	13.72	10.6	34.5	14.66	9.9	38.9	8.60	15.8	21.4
Administrative support, including clerical	13.33	1.5	36.6	13.64	1.5	38.8	9.86	5.5	22.7
Supervisors, general office	19.43	4.5	38.8	19.43	4.5	38.8	–	–	–
Supervisors, computer equipment operators	19.77	5.2	38.6	19.77	5.2	38.6	–	–	–
Supervisors, financial records processing	18.46	4.5	38.6	18.49	4.6	39.1	–	–	–
Supervisors, distribution, scheduling, and adjusting clerks	18.67	10.1	40.1	18.67	10.1	40.1	–	–	–
Computer operators	14.49	3.6	38.5	14.50	3.6	38.5	–	–	–
Peripheral equipment operators	9.79	12.5	31.2	–	–	–	–	–	–
Secretaries	14.69	1.7	37.1	14.85	1.6	38.2	11.96	8.6	25.2
Stenographers	12.78	5.2	36.1	12.84	5.6	38.7	–	–	–
Typists	12.70	5.3	37.0	12.81	5.2	37.9	–	–	–
Interviewers	10.51	5.8	27.5	11.06	5.9	38.1	9.07	10.3	16.0
Hotel clerks	9.70	6.3	38.6	9.70	6.3	38.6	–	–	–
Transportation ticket and reservation agents	14.49	6.4	34.0	15.23	6.4	39.4	10.97	6.1	20.6
Receptionists	10.37	2.7	34.3	10.68	2.9	38.9	8.65	6.2	20.6
Information clerks, n.e.c.	14.17	15.5	34.4	11.99	4.6	39.2	19.18	23.7	26.8
Correspondence clerks	13.31	5.1	37.8	13.44	5.1	39.5	–	–	–
Order clerks	15.28	4.4	38.7	15.36	4.4	39.0	–	–	–
Personnel clerks, except payroll and timekeeping	14.83	3.8	38.9	14.92	3.8	39.6	–	–	–
Library clerks	12.03	4.4	27.7	13.16	4.2	36.2	10.22	4.3	20.2
File clerks	10.26	3.9	36.3	10.34	4.0	37.9	–	–	–
Records clerks, n.e.c.	12.56	3.5	36.3	12.83	3.4	38.6	9.34	6.0	20.8
Bookkeepers, accounting and auditing clerks ...	13.00	2.1	37.9	13.16	2.1	38.7	8.79	3.3	24.6
Payroll and timekeeping clerks	12.98	5.0	39.1	12.98	5.0	39.1	–	–	–
Billing clerks	11.11	4.4	38.5	11.09	4.5	39.4	–	–	–
Billing, posting, and calculating machine operators	10.69	7.8	29.9	11.69	7.1	38.5	8.06	6.4	18.9
Duplicating machine operators	9.44	5.6	32.1	9.83	7.4	39.3	–	–	–
Office machine operators, n.e.c.	8.61	9.9	37.3	8.68	10.5	39.1	–	–	–
Telephone operators	14.34	5.1	36.1	14.91	4.6	38.6	9.34	7.6	22.7
Mail clerks, except postal service	10.59	9.2	37.6	10.76	9.6	39.0	8.11	9.3	24.2
Messengers	8.45	16.0	37.7	8.34	17.3	38.9	–	–	–
Dispatchers	12.61	5.8	37.3	12.69	5.9	39.3	–	–	–
Production coordinators	15.71	7.4	38.7	15.99	7.6	39.8	–	–	–
Traffic, shipping and receiving clerks	11.61	2.9	39.4	11.72	2.9	39.6	8.32	3.7	33.2
Stock and inventory clerks	12.09	6.1	34.8	13.09	4.5	39.3	–	–	–
Meter readers	18.80	1.8	40.0	18.80	1.8	40.0	–	–	–
Weighers, measurers, checkers, and samplers ..	12.22	26.1	38.9	13.33	23.0	41.0	–	–	–
Expeditors	13.24	9.8	36.0	13.90	9.7	39.3	–	–	–

See footnotes at end of table.

Table 4. Selected occupations, Middle Atlantic, private industry: Mean hourly earnings¹ for full-time and part-time workers,² National Compensation Survey,³ 1998–Continued

Occupation ⁴	Total			Full time			Part time		
	Hourly earnings		Mean weekly hours	Hourly earnings		Mean weekly hours	Hourly earnings		Mean weekly hours
	Mean	Relative error ⁵ (percent)		Mean	Relative error ⁵ (percent)		Mean	Relative error ⁵ (percent)	
White collar –Continued									
Administrative support, including clerical –Continued									
Material recording, scheduling, and distribution clerks, n.e.c.	\$11.28	8.1	33.9	\$12.46	6.8	39.0	\$6.60	6.4	22.4
Insurance adjusters, examiners, and investigators	16.32	13.2	39.1	16.32	13.2	39.1	–	–	–
Investigators and adjusters, except insurance ...	14.84	8.4	38.0	15.05	8.4	39.5	10.53	12.7	21.8
Eligibility clerks, social welfare	13.01	11.5	39.0	13.01	11.5	39.0	–	–	–
Bill and account collectors	13.84	8.4	38.3	14.04	8.5	39.5	–	–	–
General office clerks	12.53	3.1	35.9	12.96	3.3	38.7	9.09	3.5	22.7
Bank tellers	9.67	1.6	34.4	9.73	1.7	38.7	9.36	2.8	21.8
Proofreaders	11.97	12.3	36.7	–	–	–	–	–	–
Data entry keyers	10.16	3.8	36.9	10.29	4.4	38.9	9.32	6.2	27.9
Statistical clerks	11.96	6.9	36.4	11.97	7.1	36.9	–	–	–
Teachers' aides	8.47	4.7	35.7	8.42	6.0	37.8	–	–	–
Administrative support, n.e.c.	13.47	5.0	35.0	14.13	5.1	38.6	8.98	5.7	21.5
Blue collar	13.52	1.7	38.3	13.78	1.7	39.8	8.83	6.2	22.5
Precision production, craft, and repair	18.29	1.8	39.4	18.31	1.8	39.9	16.66	11.4	24.2
Supervisors, mechanics and repairers	24.29	5.4	39.7	24.37	5.4	40.2	–	–	–
Automobile mechanics	16.51	3.5	40.3	16.51	3.5	40.3	–	–	–
Bus, truck, and stationary engine mechanics	16.70	3.3	40.0	16.70	3.3	40.0	–	–	–
Automobile body and related repairers	13.60	1.6	40.2	13.60	1.6	40.2	–	–	–
Aircraft mechanics, except engine	19.46	5.8	40.0	19.46	5.8	40.0	–	–	–
Heavy equipment mechanics	17.62	15.0	40.0	17.62	15.0	40.0	–	–	–
Industrial machinery repairers	15.40	7.3	39.9	15.40	7.3	39.9	–	–	–
Machinery maintenance	17.40	4.3	40.1	17.40	4.3	40.1	–	–	–
Electronic repairers, communications and industrial equipment	22.03	5.3	38.8	22.15	5.2	40.0	–	–	–
Data processing equipment repairers	–	–	–	15.40	3.8	40.1	–	–	–
Household appliance and power tool repairers	20.45	6.5	40.0	20.45	6.5	40.0	–	–	–
Telephone installers and repairers	17.78	3.5	40.0	17.78	3.5	40.0	–	–	–
Heating, air conditioning, and refrigeration mechanics	20.52	3.8	40.0	20.52	3.8	40.0	–	–	–
Mechanical controls and valve repairers	24.62	4.1	40.0	24.62	4.1	40.0	–	–	–
Millwrights	17.47	8.1	40.0	17.47	8.1	40.0	–	–	–
Mechanics and repairers, n.e.c.	18.77	2.6	39.3	18.91	2.5	39.6	–	–	–
Supervisors, electricians and power transmission installers	29.55	9.4	39.1	29.55	9.4	39.1	–	–	–
Supervisors, construction trades, n.e.c.	20.97	10.3	39.7	20.97	10.3	39.7	–	–	–
Carpenters	18.53	5.6	39.4	18.63	5.6	40.0	–	–	–
Electricians	21.38	5.6	39.5	21.33	5.7	39.7	–	–	–
Electrician apprentices	17.00	17.8	39.8	17.00	17.8	39.8	–	–	–
Electrical power installers and repairers	25.70	1.9	40.0	25.70	1.9	40.0	–	–	–
Painters, construction and maintenance	20.48	11.1	38.0	20.60	10.9	38.2	–	–	–
Plumbers, pipefitters and steamfitters	23.15	3.7	39.7	23.15	3.7	39.7	–	–	–
Construction trades, n.e.c.	17.32	7.1	39.2	17.32	7.1	39.2	–	–	–
Supervisors, production	19.67	2.6	40.2	19.68	2.6	40.2	–	–	–
Tool and die makers	19.26	2.2	40.0	19.26	2.2	40.0	–	–	–
Precision assemblers, metal	16.97	6.3	40.0	16.97	6.3	40.0	–	–	–
Machinists	16.40	3.4	40.0	16.40	3.4	40.0	–	–	–
Patternmakers and modelmakers, metal	23.31	3.3	40.0	23.31	3.3	40.0	–	–	–
Sheet metal workers	15.19	14.2	40.0	15.19	14.2	40.0	–	–	–
Electrical and electronic equipment assemblers	11.28	4.4	39.6	11.31	4.5	39.9	–	–	–
Miscellaneous precision workers, n.e.c.	19.10	8.0	40.0	19.10	8.0	40.0	–	–	–
Butchers and meat cutters	14.18	5.9	38.5	14.35	5.9	40.0	–	–	–
Bakers	11.08	13.2	36.4	11.69	12.4	39.0	–	–	–
Inspectors, testers, and graders	18.56	7.2	40.0	18.56	7.2	40.0	–	–	–
Stationary engineers	19.93	5.3	38.0	19.86	5.6	39.8	–	–	–
Miscellaneous plant and system operators, n.e.c.	19.94	6.7	41.3	19.94	6.7	41.3	–	–	–

See footnotes at end of table.

Table 4. Selected occupations, Middle Atlantic, private industry: Mean hourly earnings¹ for full-time and part-time workers,² National Compensation Survey,³ 1998–Continued

Occupation ⁴	Total			Full time			Part time		
	Hourly earnings		Mean weekly hours	Hourly earnings		Mean weekly hours	Hourly earnings		Mean weekly hours
	Mean	Relative error ⁵ (percent)		Mean	Relative error ⁵ (percent)		Mean	Relative error ⁵ (percent)	
Blue collar –Continued									
Machine operators, assemblers, and inspectors	\$11.81	1.7	39.7	\$11.86	1.7	39.9	\$7.58	4.0	25.5
Lathe and turning machine operators	14.50	7.6	39.3	14.50	7.6	39.3	–	–	–
Punching and stamping press operators	12.13	9.5	40.0	12.13	9.5	40.0	–	–	–
Rolling machine operators	17.52	6.0	40.0	17.52	6.0	40.0	–	–	–
Drilling and boring machine operators	14.76	7.0	40.0	14.76	7.0	40.0	–	–	–
Grinding, abrading, buffing, and polishing machine operators	13.25	4.1	40.0	13.25	4.1	40.0	–	–	–
Numerical control machine operators	13.20	6.3	40.0	13.20	6.3	40.0	–	–	–
Fabricating machine operators, n.e.c.	14.14	5.2	40.0	14.14	5.2	40.0	–	–	–
Molding and casting machine operators	10.19	9.7	39.9	10.25	10.0	40.0	–	–	–
Metal plating machine operators	12.45	3.5	40.0	12.45	3.5	40.0	–	–	–
Heat treating equipment operators	16.16	6.2	39.7	16.16	6.2	39.7	–	–	–
Printing press operators	16.01	5.1	39.6	16.01	5.1	39.6	–	–	–
Photoengravers and lithographers	13.20	6.6	36.6	13.49	5.6	37.9	–	–	–
Typesetters and compositors	15.35	11.1	31.9	–	–	–	–	–	–
Winding and twisting machine operators	10.63	6.3	38.9	10.70	5.9	40.0	–	–	–
Knitting, looping, taping, and weaving machine operators	10.60	7.2	40.0	10.60	7.2	40.0	–	–	–
Textile cutting machine operators	7.87	7.2	40.0	7.87	7.2	40.0	–	–	–
Textile sewing machine operators	7.52	3.9	39.6	7.52	3.9	39.6	–	–	–
Pressing machine operators	8.11	17.4	36.2	8.26	18.7	38.7	–	–	–
Laundering and dry cleaning machine operators	9.55	5.2	36.0	9.67	5.6	39.4	8.49	10.5	20.5
Packaging and filling machine operators	10.20	9.6	40.0	10.20	9.6	40.0	–	–	–
Extruding and forming machine operators	11.22	7.1	40.0	11.22	7.1	40.0	–	–	–
Mixing and blending machine operators	14.04	4.5	40.0	14.04	4.5	40.0	–	–	–
Separating, filtering, and clarifying machine operators	14.25	5.0	38.7	14.45	4.3	40.0	–	–	–
Painting and paint spraying machine operators	13.52	5.4	40.0	13.52	5.4	40.0	–	–	–
Folding machine operators	10.92	7.8	39.2	10.92	7.8	39.2	–	–	–
Furnace, kiln, and oven operators, except food	12.18	4.0	39.2	12.15	4.1	40.0	–	–	–
Crushing and grinding machine operators	15.22	6.1	39.1	15.22	6.1	39.1	–	–	–
Slicing and cutting machine operators	12.42	3.3	40.0	12.42	3.3	40.0	–	–	–
Photographic process machine operators	10.61	3.9	39.7	10.65	3.9	40.0	–	–	–
Miscellaneous machine operators, n.e.c.	13.38	2.2	39.9	13.39	2.2	39.9	–	–	–
Welders and cutters	16.24	4.8	40.0	16.24	4.8	40.0	–	–	–
Solders and braziers	10.19	5.1	40.0	10.44	5.9	40.0	–	–	–
Assemblers	9.97	6.2	39.5	10.07	6.4	40.0	6.52	2.9	28.8
Hand painting, coating, and decorating	12.55	18.4	40.0	12.55	18.4	40.0	–	–	–
Miscellaneous hand working, n.e.c.	11.31	6.0	40.0	11.31	6.0	40.0	–	–	–
Production inspectors, checkers and examiners	11.85	4.7	39.9	11.85	4.7	39.9	–	–	–
Production testers	12.55	3.1	40.0	12.55	3.1	40.0	–	–	–
Transportation and material moving	14.22	2.6	36.3	14.78	2.3	39.8	9.89	6.1	21.7
Supervisors, motor vehicle operators	16.84	5.7	40.0	16.84	5.7	40.0	–	–	–
Truck drivers	14.81	3.0	38.2	15.02	2.9	40.2	11.61	5.4	21.7
Driver-sales workers	17.99	4.2	40.3	18.16	4.0	40.6	–	–	–
Bus drivers	11.94	4.8	29.1	13.16	7.3	36.3	10.56	3.4	23.8
Taxicab drivers and chauffeurs	9.80	11.9	32.2	10.53	11.8	38.6	–	–	–
Motor transportation, n.e.c.	11.25	11.8	35.6	11.49	12.1	37.5	–	–	–
Supervisors, material moving equipment	19.21	7.8	40.0	19.21	7.8	40.0	–	–	–
Crane and tower operators	17.20	12.7	40.0	17.20	12.7	40.0	–	–	–
Excavating and loading machine operators	14.37	6.9	40.4	14.37	6.9	40.4	–	–	–
Grader, dozer, and scraper operators	12.60	10.6	42.9	12.60	10.6	42.9	–	–	–
Industrial truck and tractor equipment operators	12.31	3.3	39.8	12.32	3.4	40.0	–	–	–
Miscellaneous material moving equipment operators, n.e.c.	15.87	4.2	37.4	16.09	4.2	39.5	–	–	–
Handlers, equipment cleaners, helpers, and laborers	10.56	2.6	36.4	11.00	2.7	39.8	7.30	3.0	22.5
Groundskeepers and gardeners, except farm ...	10.80	5.0	36.3	11.00	5.4	39.5	–	–	–
Supervisors, handlers, equipment cleaners, and laborers, n.e.c.	16.44	6.7	39.4	16.44	6.7	39.4	–	–	–

See footnotes at end of table.

Table 4. Selected occupations, Middle Atlantic, private industry: Mean hourly earnings¹ for full-time and part-time workers,² National Compensation Survey,³ 1998–Continued

Occupation ⁴	Total			Full time			Part time		
	Hourly earnings		Mean weekly hours	Hourly earnings		Mean weekly hours	Hourly earnings		Mean weekly hours
	Mean	Relative error ⁵ (percent)		Mean	Relative error ⁵ (percent)		Mean	Relative error ⁵ (percent)	
Blue collar –Continued									
Handlers, equipment cleaners, helpers, and laborers –Continued									
Helpers, mechanics and repairers	\$9.41	5.1	35.8	\$9.59	5.7	40.0	–	–	–
Helpers, construction trades	13.39	18.6	39.4	13.39	18.6	39.4	–	–	–
Construction laborers	12.80	5.7	39.4	12.95	5.6	39.7	–	–	–
Production helpers	10.50	4.6	38.5	10.59	4.5	39.5	–	–	–
Stock handlers and baggers	9.58	4.8	30.3	11.23	6.5	39.9	\$6.78	2.8	21.5
Machine feeders and offbearers	9.60	4.7	39.3	9.63	4.8	39.9	–	–	–
Freight, stock, and material handlers, n.e.c.	12.10	4.1	36.3	12.67	4.2	40.0	8.96	7.7	24.1
Vehicle washers and equipment cleaners	9.99	8.8	34.8	10.77	10.3	39.8	5.99	12.9	21.2
Hand packers and packagers	9.57	5.4	39.3	9.70	5.6	40.0	7.15	6.9	30.3
Laborers, except construction, n.e.c.	10.08	3.1	39.3	10.13	3.1	39.9	8.23	8.8	25.5
Service	9.13	2.3	31.3	9.87	2.6	37.6	6.90	2.0	20.7
Protective service	9.99	6.0	34.4	10.38	6.6	39.2	8.00	5.9	21.1
Supervisors, guards	16.43	5.2	39.9	16.43	5.2	39.9	–	–	–
Guards and police, except public service	9.66	6.7	35.1	9.96	7.5	39.1	8.17	5.7	22.9
Protective service, n.e.c.	9.64	22.7	24.5	–	–	–	6.61	5.4	12.9
Food service	7.24	2.9	28.4	8.39	3.4	38.0	5.54	3.0	20.7
Supervisors, food preparation and service	12.11	8.6	36.7	12.81	8.3	40.6	6.68	6.0	21.0
Bartenders	6.32	12.4	26.5	7.37	14.7	34.6	4.98	8.0	20.4
Waiters and waitresses	4.69	6.4	25.8	5.21	9.8	36.6	4.18	5.7	20.1
Cooks	9.62	3.6	35.4	9.92	3.6	38.6	7.30	6.0	21.5
Food counter, fountain, and related	6.98	5.8	27.7	8.08	4.6	38.1	5.91	5.6	21.9
Kitchen workers, food preparation	8.86	5.3	28.5	10.08	6.8	39.1	7.24	3.2	21.0
Waiters/Waitresses' assistants	5.56	7.4	25.9	6.37	7.5	36.9	4.37	7.6	18.0
Food preparation, n.e.c.	6.90	3.4	27.5	7.82	3.9	37.8	5.92	3.2	21.3
Health service	8.97	2.1	33.1	9.09	2.6	37.7	8.41	1.9	20.8
Health aides, except nursing	10.20	3.5	33.3	10.50	3.8	38.7	8.54	4.7	18.6
Nursing aides, orderlies and attendants	8.74	2.2	33.1	8.82	2.7	37.5	8.39	2.1	21.2
Cleaning and building service	9.93	4.6	33.1	10.75	4.1	38.8	7.20	3.2	22.1
Supervisors, cleaning and building service workers	13.25	11.5	38.6	14.84	7.2	39.2	–	–	–
Maids and housemen	10.24	6.0	35.6	10.39	6.2	37.6	8.05	8.1	20.1
Janitors and cleaners	9.50	5.8	31.8	10.50	5.4	39.4	7.13	3.2	21.9
Personal service	11.23	8.3	28.8	12.23	9.4	34.0	7.86	4.8	18.9
Supervisors, personal service	17.40	7.5	35.5	18.24	7.7	40.0	–	–	–
Hairdressers and cosmetologists	10.99	19.1	32.3	–	–	–	7.43	7.1	22.7
Attendants, amusement, and recreation facilities	7.04	4.4	28.7	7.53	4.8	39.7	5.61	4.2	15.8
Ushers	8.33	8.6	16.7	–	–	–	8.33	8.6	16.7
Public transportation attendants	23.53	19.0	21.9	25.17	16.8	22.1	–	–	–
Baggage porters and bellhops	7.54	24.5	39.2	7.33	24.8	39.7	–	–	–
Welfare service aides	9.15	4.1	33.9	9.35	4.4	39.0	8.31	8.2	21.9
Early childhood teachers' assistants	8.12	5.3	25.6	8.74	6.2	36.3	7.27	9.9	18.1
Child care workers, n.e.c.	8.09	2.4	31.8	8.19	3.0	39.5	7.65	4.0	17.6
Service, n.e.c.	9.48	9.4	28.3	10.11	12.5	34.7	8.08	10.2	20.1

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

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

³ In this census division, collection was conducted between November 1997 and April

1999. The average reference period was July 1998.

⁴ A classification system including about 480 individual occupations is used to cover all workers in the civilian economy. For more information, see Technical Note.

⁵ The relative standard error (RSE) is the standard error expressed as a percent of the estimate. It can be used to calculate a "confidence interval" around a sample estimate. For more information about RSEs, see Technical Note.

NOTE: Dashes indicate that no data were reported or that data did not meet publication criteria, and n.e.c. means "not elsewhere classified." Overall occupational groups may include data for categories not shown separately.

Table 5. Selected occupations, Middle Atlantic, State and local government: Mean hourly earnings¹ and weekly hours for full-time and part-time workers,² National Compensation Survey,³ 1998

Occupation ⁴	Total			Full time			Part time		
	Hourly earnings		Mean weekly hours	Hourly earnings		Mean weekly hours	Hourly earnings		Mean weekly hours
	Mean	Relative error ⁵ (percent)		Mean	Relative error ⁵ (percent)		Mean	Relative error ⁵ (percent)	
All	\$21.72	1.6	35.5	\$22.29	1.6	37.6	\$13.45	3.6	19.7
All excluding sales	21.75	1.7	35.5	22.32	1.6	37.6	13.46	3.6	19.7
White collar	25.10	1.9	34.7	25.59	1.8	36.5	16.80	5.6	19.2
White collar excluding sales	25.18	1.9	34.7	25.67	1.8	36.5	16.85	5.7	19.2
Professional specialty and technical	30.58	2.3	34.5	30.88	2.3	36.0	24.19	6.5	18.2
Professional specialty	31.85	2.2	34.4	32.14	2.2	35.8	25.62	6.6	18.3
Engineers, architects, and surveyors	24.25	2.9	38.3	24.25	2.9	38.3	—	—	—
Civil engineers	24.66	5.6	38.4	24.66	5.6	38.4	—	—	—
Mathematical and computer scientists	21.16	6.4	38.8	21.16	6.4	38.8	—	—	—
Computer systems analysts and scientists	21.16	6.4	38.8	21.16	6.4	38.8	—	—	—
Natural scientists	28.31	7.5	37.6	28.31	7.5	37.6	—	—	—
Health related	22.71	2.9	39.0	22.57	3.1	40.4	25.75	4.2	22.6
Physicians	22.95	10.6	53.4	22.47	11.0	54.7	—	—	—
Registered nurses	22.42	3.5	36.6	22.47	3.7	37.7	21.56	8.2	23.2
Pharmacists	23.73	7.7	38.7	23.73	7.7	38.7	—	—	—
Therapists, n.e.c.	20.03	1.1	39.5	20.03	1.1	39.5	—	—	—
Teachers, college and university	44.27	2.1	32.1	42.06	2.1	36.6	77.79	9.0	11.2
Biological science teachers	35.49	7.8	35.2	35.49	7.8	35.2	—	—	—
Mathematical science teachers	42.96	4.2	31.5	—	—	—	—	—	—
Health specialties teachers	29.15	5.3	40.8	29.15	5.3	40.8	—	—	—
Business, commerce, and marketing teachers ..	51.05	15.3	25.8	—	—	—	—	—	—
English teachers	41.86	5.6	34.5	41.92	5.6	35.3	—	—	—
Teachers, post secondary, n.e.c.	40.00	4.9	31.7	40.53	5.0	36.0	26.86	6.7	8.1
Teachers, except college and university	35.42	2.5	33.4	36.22	2.6	34.6	20.49	5.8	20.3
Prekindergarten and kindergarten	39.29	8.7	33.6	39.99	8.8	34.6	—	—	—
Elementary school teachers	37.11	2.7	34.7	37.26	2.8	35.1	29.83	7.1	22.5
Secondary school teachers	36.66	3.9	35.7	36.89	4.0	35.9	31.89	2.8	32.6
Teachers, special education	36.22	2.9	33.3	36.63	3.0	33.5	—	—	—
Teachers, n.e.c.	34.81	4.0	31.8	35.51	4.0	33.6	15.86	9.8	12.9
Substitute teachers	10.31	3.5	21.1	—	—	—	10.44	4.7	18.0
Vocational and educational counselors	32.31	10.8	34.7	32.51	10.7	34.9	—	—	—
Librarians, archivists, and curators	29.65	11.3	34.4	29.83	11.4	35.6	—	—	—
Librarians	29.65	11.3	34.4	29.83	11.4	35.6	—	—	—
Social scientists and urban planners	34.07	9.0	35.1	34.08	9.0	35.2	—	—	—
Psychologists	34.99	8.4	34.9	35.02	8.5	35.0	—	—	—
Social, recreation, and religious workers	19.24	3.6	36.1	19.38	3.6	37.2	—	—	—
Social workers	19.49	3.8	36.3	19.63	3.8	37.1	—	—	—
Recreation workers	16.01	8.6	33.3	16.10	8.7	38.2	—	—	—
Lawyers and judges	29.79	5.8	33.9	29.13	5.6	36.4	—	—	—
Lawyers	29.73	5.8	34.4	29.13	5.6	36.4	—	—	—
Writers, authors, entertainers, athletes, and professionals, n.e.c.	19.92	5.6	29.8	20.87	6.4	37.3	16.05	4.2	16.3
Technical	16.48	3.1	35.6	16.70	3.4	38.2	13.32	7.8	17.9
Clinical laboratory technologists and technicians	18.71	11.7	36.9	19.00	12.2	38.1	—	—	—
Licensed practical nurses	14.62	2.7	34.8	14.45	2.7	39.2	16.00	3.2	18.1
Health technologists and technicians, n.e.c.	17.17	8.8	35.9	17.54	10.2	38.3	—	—	—
Computer programmers	18.06	10.7	38.4	18.06	10.7	38.4	—	—	—
Technical and related, n.e.c.	16.30	7.2	33.7	16.74	7.3	36.1	—	—	—
Executive, administrative, and managerial	27.28	4.6	36.9	27.40	4.6	37.6	16.71	14.7	14.5
Executives, administrators, and managers	33.33	4.8	37.3	33.47	4.8	37.6	10.90	24.6	14.8
Administrators and officials, public administration	29.02	5.8	36.8	29.02	5.8	36.8	—	—	—
Financial managers	29.43	11.2	39.1	29.43	11.2	39.1	—	—	—
Administrators, education and related fields	41.49	6.0	37.2	41.60	6.0	37.3	—	—	—
Managers, medicine and health	26.08	4.4	38.3	26.08	4.4	38.3	—	—	—
Managers, service organizations, n.e.c.	25.32	4.4	36.1	26.24	4.5	37.0	—	—	—
Managers and administrators, n.e.c.	34.42	11.7	38.1	34.42	11.7	38.1	—	—	—
Management related	21.32	5.0	36.6	21.36	5.0	37.5	18.95	12.9	14.4
Accountants and auditors	20.54	6.5	34.3	20.57	6.8	37.1	—	—	—
Other financial officers	25.71	3.1	35.2	—	—	—	—	—	—

See footnotes at end of table.

Table 5. Selected occupations, Middle Atlantic, State and local government: Mean hourly earnings¹ and weekly hours for full-time and part-time workers,² National Compensation Survey,³ 1998–Continued

Occupation ⁴	Total			Full time			Part time		
	Hourly earnings		Mean weekly hours	Hourly earnings		Mean weekly hours	Hourly earnings		Mean weekly hours
	Mean	Relative error ⁵ (percent)		Mean	Relative error ⁵ (percent)		Mean	Relative error ⁵ (percent)	
White collar –Continued									
Executive, administrative, and managerial –Continued									
Management related –Continued									
Personnel, training, and labor relations specialists	\$18.72	6.0	38.5	\$18.72	6.0	38.5	–	–	–
Construction inspectors	20.33	9.8	34.9	20.00	9.4	38.8	–	–	–
Inspectors and compliance officers, except construction	18.60	11.0	37.7	18.60	11.0	37.7	–	–	–
Management related, n.e.c.	23.94	3.5	36.5	24.13	3.4	37.7	–	–	–
Sales	15.07	4.5	37.9	15.36	4.5	39.3	–	–	–
Cashiers	14.76	6.9	36.8	15.18	6.5	38.9	–	–	–
Administrative support, including clerical	13.89	2.0	34.0	14.26	1.8	36.6	\$10.57	11.4	20.5
Supervisors, general office	17.45	5.6	36.1	17.45	5.6	36.1	–	–	–
Computer operators	16.89	7.1	36.8	16.89	7.1	36.8	–	–	–
Secretaries	14.94	3.7	36.6	15.03	3.7	37.2	9.16	4.3	18.8
Stenographers	18.01	6.9	34.7	18.14	7.2	37.6	–	–	–
Typists	12.63	2.8	32.7	12.79	3.3	35.9	11.08	5.0	17.9
Receptionists	10.59	1.9	36.7	–	–	–	–	–	–
Personnel clerks, except payroll and timekeeping	12.25	4.2	34.9	12.25	4.2	34.9	–	–	–
Library clerks	11.04	3.6	25.4	11.69	4.2	34.6	9.37	6.3	15.1
Records clerks, n.e.c.	13.31	4.3	38.0	13.31	4.3	38.0	–	–	–
Bookkeepers, accounting and auditing clerks ...	13.91	6.6	36.0	13.96	6.6	36.4	–	–	–
Telephone operators	11.22	6.2	35.0	–	–	–	–	–	–
Dispatchers	17.99	11.1	39.5	18.07	11.1	39.9	–	–	–
Stock and inventory clerks	12.90	4.1	39.1	12.90	4.1	39.1	–	–	–
Eligibility clerks, social welfare	14.60	2.5	35.0	14.60	2.5	35.0	–	–	–
General office clerks	12.68	6.2	34.1	13.49	4.5	36.9	6.51	12.6	21.8
Data entry keyers	12.02	4.3	39.6	12.02	4.3	39.6	–	–	–
Teachers' aides	11.60	5.9	26.8	10.94	2.9	32.2	12.38	10.1	22.3
Administrative support, n.e.c.	12.96	4.8	33.4	13.38	4.4	36.4	7.83	9.2	16.7
Blue collar	16.68	2.7	37.7	16.87	2.8	39.3	12.67	7.0	20.3
Precision production, craft, and repair									
Automobile mechanics	21.78	5.8	39.7	21.78	5.8	39.7	–	–	–
Bus, truck, and stationary engine mechanics	17.02	4.2	40.0	17.02	4.2	40.0	–	–	–
Heating, air conditioning, and refrigeration mechanics	17.24	12.9	39.5	17.24	12.9	39.5	–	–	–
Mechanics and repairers, n.e.c.	15.56	4.7	39.2	15.56	4.7	39.2	–	–	–
Supervisors, construction trades, n.e.c.	20.80	12.5	39.6	20.80	12.5	39.6	–	–	–
Carpenters	17.52	14.6	37.3	17.55	14.7	37.7	–	–	–
Electricians	16.54	4.9	39.6	16.54	4.9	39.6	–	–	–
Plumbers, pipefitters and steamfitters	18.40	6.0	39.1	18.40	6.0	39.1	–	–	–
Construction trades, n.e.c.	13.30	4.3	39.7	13.30	4.3	39.7	–	–	–
Water and sewer treatment plant operators	16.78	2.1	40.0	16.78	2.1	40.0	–	–	–
Stationary engineers	16.69	3.5	39.7	16.69	3.5	39.7	–	–	–
Machine operators, assemblers, and inspectors									
Laundering and dry cleaning machine operators	11.56	5.9	27.8	–	–	–	–	–	–
Transportation and material moving									
Supervisors, motor vehicle operators	21.15	1.1	40.0	21.15	1.1	40.0	–	–	–
Truck drivers	16.81	7.7	39.7	16.89	7.6	39.8	–	–	–
Bus drivers	16.47	1.9	31.8	17.10	1.6	38.4	14.25	5.5	19.8
Motor transportation, n.e.c.	14.43	10.2	39.1	14.43	10.2	39.1	–	–	–
Miscellaneous material moving equipment operators, n.e.c.	15.32	4.7	38.4	15.32	4.7	38.4	–	–	–

See footnotes at end of table.

Table 5. Selected occupations, Middle Atlantic, State and local government: Mean hourly earnings¹ and weekly hours for full-time and part-time workers,² National Compensation Survey,³ 1998—Continued

Occupation ⁴	Total			Full time			Part time		
	Hourly earnings		Mean weekly hours	Hourly earnings		Mean weekly hours	Hourly earnings		Mean weekly hours
	Mean	Relative error ⁵ (percent)		Mean	Relative error ⁵ (percent)		Mean	Relative error ⁵ (percent)	
Blue collar—Continued									
Handlers, equipment cleaners, helpers, and laborers									
Handlers, equipment cleaners, helpers, and laborers	\$14.22	4.2	38.5	\$14.50	4.0	39.5	\$6.30	4.0	22.2
Groundskeepers and gardeners, except farm ...	13.18	6.8	37.5	13.80	7.8	39.2	—	—	—
Supervisors, handlers, equipment cleaners, and laborers, n.e.c.	17.97	12.5	39.9	17.97	12.5	39.9	—	—	—
Helpers, mechanics and repairers	13.65	4.3	38.8	13.65	4.3	38.8	—	—	—
Construction laborers	12.41	6.5	38.5	12.41	6.5	38.5	—	—	—
Garbage collectors	17.20	2.6	39.9	17.20	2.6	39.9	—	—	—
Laborers, except construction, n.e.c.	12.97	4.0	37.3	13.45	3.7	40.0	6.37	6.2	19.3
Service	16.77	2.8	36.2	17.53	2.8	39.3	9.27	2.6	20.4
Protective service	21.22	2.4	38.6	21.59	2.4	39.9	10.79	5.5	20.7
Supervisors, firefighters and fire prevention	25.37	8.1	44.6	25.37	8.1	44.6	—	—	—
Supervisors, police and detectives	28.61	4.4	39.9	28.61	4.4	39.9	—	—	—
Firefighting	19.89	2.4	43.2	19.89	2.4	43.2	—	—	—
Police and detectives, public service	22.79	3.6	39.6	22.81	3.6	39.6	—	—	—
Sheriffs, bailiffs, and other law enforcement officers	19.23	5.7	34.3	19.91	5.3	38.0	12.45	18.0	17.2
Correctional institution officers	19.03	2.6	39.9	19.05	2.6	39.9	—	—	—
Crossing guards	9.97	7.6	20.6	—	—	—	9.37	9.7	20.8
Guards and police, except public service	13.33	3.2	34.8	13.83	3.1	38.8	9.30	7.3	19.0
Protective service, n.e.c.	15.00	14.4	29.3	—	—	—	—	—	—
Food service	10.79	3.7	29.7	11.54	4.8	36.9	9.24	2.3	21.3
Supervisors, food preparation and service	13.99	16.9	38.9	13.99	16.9	38.9	—	—	—
Cooks	11.33	3.3	32.5	11.45	3.8	34.1	—	—	—
Food counter, fountain, and related	9.35	4.9	20.4	—	—	—	9.19	5.0	20.1
Kitchen workers, food preparation	12.17	4.0	37.6	12.42	4.1	39.9	—	—	—
Food preparation, n.e.c.	10.22	4.3	28.5	10.96	6.3	37.2	9.15	3.3	21.2
Health service	12.82	2.8	37.6	12.92	2.7	39.2	9.28	6.2	15.9
Health aides, except nursing	13.62	2.2	37.8	13.70	2.2	39.0	—	—	—
Nursing aides, orderlies and attendants	12.54	3.6	37.5	12.65	3.5	39.2	9.06	7.6	15.9
Cleaning and building service	12.57	2.6	37.9	12.73	2.6	39.4	8.79	3.7	19.6
Supervisors, cleaning and building service workers	17.35	5.4	39.5	17.35	5.4	39.5	—	—	—
Maids and housemen	9.19	4.1	36.5	—	—	—	—	—	—
Janitors and cleaners	12.47	2.6	37.9	12.62	2.6	39.4	8.78	3.9	19.5
Personal service	10.40	4.5	27.4	11.72	6.1	37.0	8.71	4.2	20.5
Attendants, amusement, and recreation facilities	7.84	10.6	25.7	—	—	—	6.99	4.5	18.5
Welfare service aides	11.24	14.2	34.7	11.84	15.0	37.8	—	—	—
Early childhood teachers' assistants	10.81	9.0	31.8	10.95	8.8	35.0	—	—	—
Child care workers, n.e.c.	9.65	2.3	24.2	10.95	3.9	35.7	9.15	3.7	21.6
Service, n.e.c.	10.95	5.7	28.5	11.73	1.1	37.9	—	—	—

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

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

³ In this census division, collection was conducted between November 1997 and April

1999. The average reference period was July 1998.

⁴ A classification system including about 480 individual occupations is used to cover all workers in the civilian economy. For more information, see Technical Note.

⁵ The relative standard error (RSE) is the standard error expressed as a percent of the estimate. It can be used to calculate a "confidence interval" around a sample estimate. For more information about RSEs, see Technical Note.

NOTE: Dashes indicate that no data were reported or that data did not meet publication criteria, and n.e.c. means "not elsewhere classified." Overall occupational groups may include data for categories not shown separately.

Table 6. Occupations ¹ and levels,² Middle Atlantic: Mean hourly earnings³ and weekly hours, private industry and State and local government, National Compensation Survey,⁴ 1998

Occupations and levels	Total			Private industry			State and local government		
	Hourly earnings		Mean weekly hours	Hourly earnings		Mean weekly hours	Hourly earnings		Mean weekly hours
	Mean	Relative error ⁵ (percent)		Mean	Relative error ⁵ (percent)		Mean	Relative error ⁵ (percent)	
All	\$18.10	1.5	35.8	\$17.14	1.8	35.8	\$21.72	1.6	35.5
All excluding sales	18.30	1.5	36.1	17.31	1.8	36.2	21.75	1.7	35.5
White collar	22.06	1.4	35.7	21.19	1.7	36.0	25.10	1.9	34.7
1	7.19	2.7	25.9	7.09	2.8	25.8	7.98	12.0	27.3
2	9.26	4.1	30.8	9.16	4.5	31.4	10.11	6.0	27.1
3	10.01	1.5	33.0	9.76	1.4	32.8	11.79	3.7	34.4
4	12.47	1.9	35.8	12.33	2.2	36.0	13.33	1.9	34.3
5	14.52	1.3	36.6	14.40	1.3	37.4	15.00	2.6	34.0
6	16.21	1.5	36.8	16.35	1.7	37.1	15.68	3.4	35.7
7	19.77	2.2	36.5	19.05	1.2	37.1	22.34	7.7	34.6
8	23.99	2.4	35.9	21.39	1.5	36.5	30.21	4.9	34.6
9	28.24	1.7	35.9	25.25	1.6	36.7	32.79	3.0	34.7
10	28.42	2.2	38.1	28.72	2.6	38.4	27.55	3.9	37.4
11	31.80	2.5	38.2	31.99	2.9	38.3	31.00	3.1	37.7
12	39.93	2.3	38.9	40.00	2.5	39.4	39.40	5.3	35.7
13	48.28	2.7	38.5	48.31	3.0	38.9	48.03	1.9	35.9
14	61.87	4.6	39.4	63.34	5.0	40.1	52.19	2.3	35.6
15	69.54	14.1	39.4	69.54	14.1	39.4	-	-	-
Not able to be leveled	29.52	6.5	35.9	34.68	7.1	35.7	21.87	8.3	36.3
White collar excluding sales	22.88	1.4	36.3	22.13	1.7	36.8	25.18	1.9	34.7
1	7.70	4.5	29.2	7.62	4.8	29.8	7.98	12.0	27.3
2	10.20	4.1	33.0	10.22	4.7	34.3	10.11	6.0	27.1
3	10.63	1.4	35.3	10.45	1.4	35.5	11.55	3.7	34.3
4	12.81	1.9	36.4	12.72	2.3	36.8	13.31	1.9	34.3
5	14.44	1.2	36.4	14.27	1.2	37.3	15.01	2.6	33.9
6	16.05	1.4	36.6	16.16	1.6	36.9	15.68	3.4	35.7
7	19.69	2.3	36.2	18.87	1.3	36.8	22.51	7.8	34.5
8	23.97	2.6	35.6	20.97	1.4	36.0	30.21	4.9	34.6
9	28.25	1.7	35.8	25.15	1.7	36.6	32.79	3.0	34.7
10	28.36	2.2	37.9	28.62	2.6	38.1	27.65	4.0	37.4
11	31.75	2.6	38.2	31.93	3.1	38.3	31.00	3.1	37.7
12	38.95	1.7	38.8	38.88	1.8	39.4	39.40	5.3	35.7
13	48.28	2.7	38.5	48.31	3.0	38.9	48.03	1.9	35.9
14	60.80	4.1	39.4	62.13	4.6	40.1	52.19	2.3	35.6
15	69.54	14.1	39.4	69.54	14.1	39.4	-	-	-
Not able to be leveled	29.39	6.6	35.9	34.63	7.3	35.6	21.87	8.3	36.3
Professional specialty and technical	27.00	1.7	35.2	25.28	2.1	35.5	30.58	2.3	34.5
Professional specialty	29.12	1.5	35.1	27.46	2.0	35.5	31.85	2.2	34.4
4	9.00	6.3	17.4	8.99	6.4	17.4	-	-	-
5	14.51	2.8	32.8	14.67	3.2	34.4	13.83	6.7	27.6
6	17.46	4.6	33.1	17.33	7.1	34.3	17.65	4.2	31.3
7	21.86	5.1	34.1	19.63	2.4	34.7	26.32	11.2	33.0
8	26.57	3.5	33.8	21.29	2.3	33.5	33.05	4.5	34.3
9	29.72	2.2	34.5	24.81	2.5	34.4	33.72	3.2	34.5
10	27.28	2.7	37.5	26.72	2.6	37.5	28.52	6.2	37.5
11	29.94	1.9	38.1	29.94	2.1	38.2	29.97	3.7	37.2
12	37.84	2.2	37.8	37.66	2.4	38.7	39.08	3.3	32.7
13	47.19	2.6	37.1	46.77	3.8	37.4	48.82	4.6	35.7
14	57.28	5.5	39.1	57.93	6.6	39.8	54.34	3.7	36.0
15	56.90	11.5	39.1	56.90	11.5	39.1	-	-	-
Not able to be leveled	34.03	8.3	34.2	38.00	11.4	32.3	27.94	3.3	37.5
Engineers, architects, and surveyors	27.99	1.9	39.7	28.57	1.9	39.9	24.25	2.9	38.3
5	15.75	8.0	41.8	15.75	8.0	41.8	-	-	-
6	18.79	3.0	40.0	18.79	3.0	40.0	-	-	-
7	20.15	1.8	38.8	20.00	2.0	38.9	-	-	-
8	19.35	7.8	40.9	18.84	8.6	42.5	-	-	-
9	25.07	2.2	39.6	25.87	2.3	40.2	23.45	2.7	38.4
10	25.87	4.1	39.7	26.81	5.0	39.6	-	-	-
11	29.45	2.3	39.9	29.46	2.4	39.9	-	-	-
12	33.43	2.2	39.5	33.35	2.2	39.6	-	-	-
13	41.08	3.4	39.8	41.08	3.4	39.8	-	-	-
14	48.98	2.3	39.6	48.98	2.3	39.6	-	-	-

See footnotes at end of table.

Table 6. Occupations ¹ and levels,² Middle Atlantic: Mean hourly earnings³ and weekly hours, private industry and State and local government, National Compensation Survey,⁴ 1998–Continued

Occupations and levels	Total			Private industry			State and local government		
	Hourly earnings		Mean weekly hours	Hourly earnings		Mean weekly hours	Hourly earnings		Mean weekly hours
	Mean	Relative error ⁵ (percent)		Mean	Relative error ⁵ (percent)		Mean	Relative error ⁵ (percent)	
White collar –Continued									
Professional specialty and technical –Continued									
Professional specialty –Continued									
Engineers, architects, and surveyors –Continued									
Not able to be leveled	\$27.72	5.0	35.3	\$27.72	5.0	35.3	–	–	–
Architects	22.84	12.8	41.4	20.34	13.4	43.9	–	–	–
Metallurgical and materials engineers	25.24	4.2	40.1	26.63	5.8	40.2	–	–	–
Chemical engineers	33.02	5.7	39.7	33.02	5.7	39.7	–	–	–
Nuclear engineers	35.65	8.7	40.0	35.65	8.7	40.0	–	–	–
Civil engineers	26.07	5.3	39.5	27.03	7.1	40.3	\$24.66	5.6	38.4
9	23.37	3.8	39.2	23.51	9.4	40.0	23.32	3.6	38.9
12	33.53	8.5	39.8	–	–	–	–	–	–
Electrical and electronic engineers	29.73	2.1	39.3	29.73	2.1	39.3	–	–	–
9	26.40	3.3	39.5	26.40	3.3	39.5	–	–	–
10	25.30	3.2	39.2	25.30	3.2	39.2	–	–	–
11	30.27	2.0	39.9	30.27	2.0	39.9	–	–	–
12	33.95	2.1	39.9	33.95	2.1	39.9	–	–	–
Industrial engineers	24.85	12.9	41.1	24.85	12.9	41.1	–	–	–
7	20.45	4.6	40.0	20.45	4.6	40.0	–	–	–
9	23.63	5.6	39.2	23.63	5.6	39.2	–	–	–
11	29.93	7.5	40.0	29.93	7.5	40.0	–	–	–
12	33.63	6.9	39.8	33.63	6.9	39.8	–	–	–
Mechanical engineers	25.18	4.3	38.3	25.79	4.6	39.0	–	–	–
9	24.34	2.6	39.1	24.06	3.1	40.0	–	–	–
10	23.57	9.6	40.0	23.35	10.2	40.0	–	–	–
11	30.35	3.2	40.0	30.76	2.9	40.0	–	–	–
Engineers, n.e.c.	29.88	2.5	39.6	30.29	2.3	39.7	–	–	–
7	18.34	3.7	40.2	18.34	3.7	40.2	–	–	–
9	26.29	5.1	40.6	27.55	3.7	41.1	–	–	–
10	30.72	4.8	39.1	30.72	4.8	39.1	–	–	–
11	28.28	5.0	39.7	28.19	5.2	39.8	–	–	–
12	33.09	1.9	38.9	33.09	1.9	38.9	–	–	–
14	47.32	2.7	40.0	47.32	2.7	40.0	–	–	–
Mathematical and computer scientists	32.31	5.2	39.4	32.53	5.2	39.4	21.16	6.4	38.8
5	16.57	6.4	39.6	16.96	7.4	39.5	–	–	–
6	19.63	6.3	39.2	19.72	6.4	39.4	–	–	–
7	23.00	6.6	38.8	23.00	6.6	38.8	–	–	–
8	22.86	4.8	40.4	22.93	5.0	40.5	–	–	–
9	29.90	10.5	38.8	30.15	10.7	38.8	–	–	–
10	30.24	4.2	40.6	30.24	4.2	40.6	–	–	–
11	31.56	3.3	39.1	31.69	3.3	39.1	–	–	–
12	36.03	4.4	39.0	36.03	4.4	39.0	–	–	–
14	59.27	15.1	41.6	59.27	15.1	41.6	–	–	–
Not able to be leveled	33.98	11.5	39.2	33.98	11.5	39.2	–	–	–
Computer systems analysts and scientists	29.87	2.6	39.5	30.10	2.6	39.5	21.16	6.4	38.8
7	21.05	3.9	39.0	21.05	3.9	39.0	–	–	–
8	21.63	3.0	40.8	21.65	3.2	40.9	–	–	–
9	26.21	3.5	39.3	26.36	3.5	39.3	–	–	–
10	29.90	4.2	40.6	29.90	4.2	40.6	–	–	–
11	30.19	2.1	39.0	30.33	2.2	39.0	–	–	–
12	35.83	4.5	39.0	35.83	4.5	39.0	–	–	–
13	42.54	8.9	40.0	42.54	8.9	40.0	–	–	–
14	50.27	7.9	39.7	50.27	7.9	39.7	–	–	–
Not able to be leveled	35.11	13.1	39.1	35.11	13.1	39.1	–	–	–
Operations and systems researchers and analysts	42.90	9.3	39.5	42.90	9.3	39.5	–	–	–
8	29.48	10.3	38.2	29.48	10.3	38.2	–	–	–
11	35.79	7.7	39.4	35.79	7.7	39.4	–	–	–
Statisticians	27.89	6.9	35.6	27.89	6.9	35.6	–	–	–
Natural scientists	30.23	4.3	39.2	30.34	4.5	39.3	28.31	7.5	37.6
7	18.03	6.5	37.7	18.03	6.5	37.7	–	–	–
9	25.78	3.3	39.3	26.00	3.3	39.4	–	–	–

See footnotes at end of table.

Table 6. Occupations ¹ and levels,² Middle Atlantic: Mean hourly earnings³ and weekly hours, private industry and State and local government, National Compensation Survey,⁴ 1998–Continued

Occupations and levels	Total			Private industry			State and local government		
	Hourly earnings		Mean weekly hours	Hourly earnings		Mean weekly hours	Hourly earnings		Mean weekly hours
	Mean	Relative error ⁵ (percent)		Mean	Relative error ⁵ (percent)		Mean	Relative error ⁵ (percent)	
White collar –Continued									
Professional specialty and technical –Continued									
Professional specialty –Continued									
Natural scientists –Continued									
10	\$26.09	4.1	39.9	\$26.09	4.1	39.9	–	–	–
11	28.26	3.7	39.7	28.55	3.8	39.6	–	–	–
12	36.86	3.1	39.2	37.48	2.8	39.6	–	–	–
14	50.42	3.8	39.0	50.72	3.9	38.9	–	–	–
Chemists, except biochemists	34.05	6.6	39.6	34.05	6.6	39.6	–	–	–
9	24.09	5.0	40.0	24.09	5.0	40.0	–	–	–
12	37.84	4.1	40.0	37.84	4.1	40.0	–	–	–
Physical scientists, n.e.c.	26.00	5.7	39.9	25.85	6.4	40.0	–	–	–
Biological and life scientists	30.63	6.5	38.0	30.59	7.5	38.5	–	–	–
Medical scientists	28.77	10.4	37.9	28.82	10.6	38.0	–	–	–
Health related	23.94	1.9	33.5	24.17	2.2	32.7	\$22.71	2.9	39.0
5	18.49	8.0	31.2	18.54	8.0	31.4	–	–	–
6	22.19	11.1	33.4	24.20	13.2	31.3	19.29	8.9	37.0
7	19.72	3.5	33.2	19.83	4.0	33.0	18.71	6.4	35.4
8	21.76	2.3	31.7	21.74	2.3	31.2	21.92	6.3	36.4
9	23.53	1.6	32.8	23.79	1.8	31.9	22.39	3.8	37.7
10	23.41	5.4	40.1	25.08	5.4	38.2	16.56	13.2	50.4
11	26.97	5.1	37.9	26.84	5.3	37.2	28.03	16.6	45.1
12	38.98	10.9	31.7	38.98	11.6	31.8	–	–	–
13	53.96	5.5	32.3	55.94	10.3	31.8	46.28	5.8	34.2
14	56.52	6.1	34.1	–	–	–	53.13	5.1	37.6
Not able to be leveled	27.76	11.3	42.1	38.59	11.8	34.6	16.24	11.0	54.7
Physicians	29.37	5.4	40.0	31.58	7.3	36.8	22.95	10.6	53.4
7	16.77	7.2	40.0	16.77	7.2	40.0	–	–	–
9	18.09	9.3	44.8	19.59	9.0	41.6	–	–	–
10	16.58	7.5	47.4	19.11	3.9	41.5	–	–	–
11	24.35	11.8	41.9	24.57	11.3	39.5	–	–	–
12	45.80	17.0	28.5	45.63	17.3	28.5	–	–	–
13	55.75	4.8	31.7	58.70	9.2	31.2	44.06	4.0	34.1
14	56.52	6.1	34.1	–	–	–	53.13	5.1	37.6
Not able to be leveled	26.42	16.8	48.2	47.37	17.6	37.4	–	–	–
Registered nurses	23.17	1.8	32.5	23.28	2.2	32.0	22.42	3.5	36.6
5	19.51	7.8	33.5	19.60	7.7	33.8	–	–	–
6	24.42	10.8	31.4	24.55	13.3	31.0	–	–	–
7	20.25	3.9	32.6	20.44	4.7	32.3	18.80	6.7	35.4
8	22.06	2.7	31.1	22.14	2.6	30.4	21.49	6.6	36.6
9	23.84	1.8	32.2	24.04	2.0	31.3	22.87	4.0	37.2
10	28.99	4.6	37.8	28.99	4.6	37.8	–	–	–
11	27.43	7.0	37.4	26.97	7.4	37.3	32.05	3.7	37.8
12	33.26	6.8	38.4	–	–	–	–	–	–
Pharmacists	27.40	2.8	35.0	28.04	2.1	34.4	23.73	7.7	38.7
8	25.16	2.1	38.0	25.16	2.1	38.0	–	–	–
9	27.35	1.8	34.1	27.60	1.1	33.6	–	–	–
10	24.61	7.4	33.9	–	–	–	–	–	–
11	30.17	4.9	37.3	30.32	4.9	37.2	–	–	–
Dietitians	16.61	4.0	35.6	17.05	3.9	34.8	–	–	–
7	16.69	4.5	37.2	–	–	–	–	–	–
Respiratory therapists	20.78	2.3	32.3	20.78	2.4	32.0	–	–	–
8	20.14	4.4	32.5	20.42	4.9	31.7	–	–	–
Occupational therapists	24.12	6.6	30.1	22.70	8.8	29.2	–	–	–
9	23.89	8.5	25.9	21.09	7.5	26.2	–	–	–
Physical therapists	26.95	5.7	33.6	26.20	6.6	33.4	–	–	–
9	26.59	4.4	35.3	25.53	3.7	35.1	–	–	–
Speech therapists	22.30	9.1	24.8	20.73	12.8	24.6	–	–	–
9	20.02	10.6	26.8	–	–	–	–	–	–
Therapists, n.e.c.	16.28	5.0	37.1	14.96	4.8	36.4	20.03	1.1	39.5
7	14.44	8.4	39.0	14.44	8.4	39.0	–	–	–
9	19.20	4.7	34.6	–	–	–	–	–	–

See footnotes at end of table.

Table 6. Occupations¹ and levels,² Middle Atlantic: Mean hourly earnings³ and weekly hours, private industry and State and local government, National Compensation Survey,⁴ 1998–Continued

Occupations and levels	Total			Private industry			State and local government		
	Hourly earnings		Mean weekly hours	Hourly earnings		Mean weekly hours	Hourly earnings		Mean weekly hours
	Mean	Relative error ⁵ (percent)		Mean	Relative error ⁵ (percent)		Mean	Relative error ⁵ (percent)	
White collar –Continued									
Professional specialty and technical –Continued									
Professional specialty –Continued									
Health related –Continued									
Physicians' assistants	\$24.61	11.5	37.3	\$24.49	12.2	37.2	–	–	–
Teachers, college and university	41.23	2.7	32.6	38.98	4.5	33.0	\$44.27	2.1	32.1
7	24.11	2.3	22.1	24.12	2.7	27.4	–	–	–
8	51.33	16.9	16.3	21.00	5.7	18.2	72.94	14.5	15.2
9	25.83	3.5	32.8	24.70	4.2	34.2	28.99	4.0	29.5
10	29.65	9.2	29.5	26.97	4.5	26.7	34.29	18.8	35.9
11	33.57	3.3	36.0	33.44	4.5	36.8	33.83	5.2	34.4
12	41.25	4.4	35.7	43.79	7.4	37.0	38.85	4.3	34.6
13	47.35	3.3	32.8	44.71	4.7	29.1	49.24	5.1	36.0
14	64.26	7.0	36.8	69.90	8.9	38.5	56.08	8.4	34.5
Not able to be leveled	44.11	5.3	39.1	40.37	9.4	38.4	–	–	–
Biological science teachers	35.79	4.8	32.6	36.19	2.8	29.7	35.49	7.8	35.2
12	36.58	6.9	35.9	–	–	–	–	–	–
Chemistry teachers	37.13	18.6	35.3	–	–	–	–	–	–
Natural science teachers, n.e.c.	48.95	3.3	39.0	–	–	–	–	–	–
Psychology teachers	38.83	14.0	31.8	–	–	–	–	–	–
Mathematical science teachers	42.43	13.3	36.0	–	–	–	42.96	4.2	31.5
Medical science teachers	69.75	10.2	26.0	48.59	12.1	39.1	–	–	–
Health specialties teachers	29.77	4.5	38.8	30.04	6.0	38.0	29.15	5.3	40.8
Business, commerce, and marketing teachers ..	46.86	8.5	32.2	45.21	10.6	35.6	51.05	15.3	25.8
Art, drama, and music teachers	29.68	4.8	30.0	26.00	3.6	27.5	–	–	–
Education teachers	32.26	6.7	27.6	32.26	6.7	27.6	–	–	–
English teachers	40.23	10.4	35.9	37.84	24.5	38.2	41.86	5.6	34.5
Theology teachers	45.15	10.4	34.9	45.15	10.4	34.9	–	–	–
Teachers, post secondary, subject not specified	33.85	7.3	35.8	33.76	8.5	35.3	–	–	–
9	27.15	3.8	27.2	–	–	–	–	–	–
Teachers, post secondary, n.e.c.	39.78	5.8	30.6	39.43	12.9	29.0	40.00	4.9	31.7
8	23.02	8.6	19.2	–	–	–	26.73	2.5	17.9
9	27.78	11.6	30.9	–	–	–	–	–	–
11	33.41	6.1	34.3	–	–	–	33.94	6.8	34.2
12	41.26	8.4	36.8	–	–	–	39.70	8.5	36.8
13	45.16	5.6	28.4	–	–	–	47.08	6.2	35.0
Teachers, except college and university	33.46	2.3	33.1	19.44	3.7	31.0	35.42	2.5	33.4
4	8.07	6.0	12.3	8.06	6.0	12.4	–	–	–
5	12.94	6.1	24.5	12.39	5.2	27.2	13.80	11.9	21.2
6	15.40	7.8	26.0	13.67	8.3	29.3	16.85	9.0	23.7
7	27.68	11.3	33.2	19.41	4.8	34.0	30.24	12.8	32.9
8	34.57	4.5	34.7	22.35	7.0	33.5	36.21	4.4	34.9
9	36.73	2.8	33.8	23.31	7.6	34.1	37.30	2.9	33.8
10	32.81	4.9	33.3	–	–	–	33.69	5.2	34.2
11	33.69	5.8	33.0	–	–	–	34.29	6.3	34.0
Prekindergarten and kindergarten	28.51	15.8	33.0	14.27	9.6	32.3	39.29	8.7	33.6
5	11.81	8.5	32.6	11.81	8.5	32.6	–	–	–
8	32.05	21.1	33.2	–	–	–	40.70	9.4	34.1
9	34.75	6.4	33.1	–	–	–	35.12	6.9	33.0
Elementary school teachers	35.70	2.5	34.5	22.62	6.0	33.0	37.11	2.7	34.7
7	30.27	15.3	33.6	20.06	4.7	34.6	38.50	14.2	32.8
8	35.53	3.1	34.9	27.13	9.8	33.4	36.12	3.2	35.0
9	37.02	3.6	34.8	24.77	13.7	36.7	37.59	3.7	34.7
11	30.21	2.6	31.4	–	–	–	–	–	–
Secondary school teachers	36.02	3.8	35.8	24.33	7.5	37.0	36.66	3.9	35.7
7	29.12	4.0	37.1	–	–	–	30.72	4.6	37.0
8	38.05	6.1	36.2	–	–	–	38.54	6.2	36.2
9	36.26	5.1	35.6	23.16	11.2	37.4	36.61	5.1	35.6
Teachers, special education	34.31	3.5	33.3	21.08	8.3	33.2	36.22	2.9	33.3
7	36.55	18.9	34.2	–	–	–	–	–	–
8	33.65	9.6	34.1	–	–	–	36.90	7.8	34.0
9	35.59	3.5	33.1	–	–	–	36.21	3.4	33.5

See footnotes at end of table.

Table 6. Occupations ¹ and levels,² Middle Atlantic: Mean hourly earnings³ and weekly hours, private industry and State and local government, National Compensation Survey,⁴ 1998—Continued

Occupations and levels	Total			Private industry			State and local government		
	Hourly earnings		Mean weekly hours	Hourly earnings		Mean weekly hours	Hourly earnings		Mean weekly hours
	Mean	Relative error ⁵ (percent)		Mean	Relative error ⁵ (percent)		Mean	Relative error ⁵ (percent)	
White collar —Continued									
Professional specialty and technical —Continued									
Professional specialty—Continued									
Teachers, except college and university—Continued									
Teachers, special education—Continued									
10	\$33.40	6.4	33.3	—	—	—	—	—	—
Teachers, n.e.c.	32.67	4.3	30.3	\$17.68	8.8	23.0	\$34.81	4.0	31.8
4	8.12	6.6	12.0	8.12	6.6	12.0	—	—	—
5	12.60	10.5	22.8	—	—	—	—	—	—
6	17.65	9.8	27.1	14.23	5.6	25.9	21.60	2.9	28.7
7	30.93	12.9	33.8	20.27	6.7	29.2	32.15	13.2	34.4
8	30.59	3.5	31.2	21.40	3.9	23.3	31.33	4.2	32.1
9	38.68	3.0	30.8	—	—	—	39.11	2.9	30.7
Substitute teachers	10.18	3.4	21.0	7.69	3.8	18.8	10.31	3.5	21.1
5	9.62	6.1	13.2	—	—	—	9.68	6.3	13.6
6	11.52	8.4	18.6	—	—	—	11.63	8.4	18.9
7	9.91	3.4	26.8	—	—	—	10.06	3.4	26.6
Vocational and educational counselors	27.08	11.8	35.4	17.01	9.4	36.9	32.31	10.8	34.7
5	13.70	7.4	37.0	—	—	—	—	—	—
6	11.99	7.9	37.4	—	—	—	—	—	—
7	18.01	9.7	36.3	18.04	14.7	36.6	—	—	—
8	26.12	6.8	36.1	16.34	9.1	36.4	30.41	3.6	35.9
9	34.48	13.3	34.1	—	—	—	36.26	11.3	34.1
Librarians, archivists, and curators	24.03	7.9	35.3	21.40	8.0	35.8	29.65	11.3	34.4
7	15.40	9.7	36.5	15.24	10.7	36.5	—	—	—
8	26.70	10.2	37.0	—	—	—	28.07	12.6	37.4
9	26.78	15.1	35.4	20.69	12.9	36.4	36.04	16.1	33.9
11	28.11	9.1	33.9	26.85	11.6	34.0	—	—	—
Librarians	25.44	7.2	34.6	22.66	7.0	34.7	29.65	11.3	34.4
7	17.06	2.2	35.2	—	—	—	—	—	—
8	26.70	10.2	37.0	—	—	—	28.07	12.6	37.4
9	29.57	13.4	34.5	—	—	—	36.04	16.1	33.9
11	29.69	8.7	32.6	28.63	12.2	32.3	—	—	—
Social scientists and urban planners	28.60	7.5	35.3	25.30	7.7	35.4	34.07	9.0	35.1
5	15.34	5.6	40.0	15.34	5.6	40.0	—	—	—
7	18.74	7.6	37.4	—	—	—	—	—	—
8	21.89	12.7	37.8	21.89	12.7	37.8	—	—	—
9	32.13	13.4	32.8	23.56	11.0	32.9	40.25	5.1	32.7
10	28.88	13.8	35.4	24.85	15.2	35.4	—	—	—
11	29.97	5.9	36.1	32.70	10.3	33.3	27.98	2.1	38.5
Economists	29.16	7.9	37.8	29.16	7.9	37.8	—	—	—
9	28.78	5.7	40.0	28.78	5.7	40.0	—	—	—
Psychologists	28.99	11.5	33.6	19.40	5.7	31.9	34.99	8.4	34.9
9	33.67	15.9	30.5	17.35	9.8	27.1	41.09	3.4	32.4
10	28.49	23.9	35.0	—	—	—	—	—	—
11	28.02	3.4	36.5	—	—	—	27.98	2.1	38.5
Social, recreation, and religious workers	18.06	2.8	35.7	16.47	3.8	35.3	19.24	3.6	36.1
5	11.88	4.3	34.8	10.82	3.1	33.2	13.50	8.4	37.8
6	15.37	4.4	37.5	10.69	2.4	37.8	17.49	3.1	37.4
7	16.36	3.9	34.6	15.56	4.1	37.6	17.06	6.2	32.3
8	17.72	3.4	35.3	16.48	3.5	37.1	18.67	4.0	34.1
9	19.53	3.8	35.9	19.12	5.0	34.1	19.75	5.3	37.0
10	22.10	4.3	36.1	—	—	—	—	—	—
11	26.26	5.7	36.5	23.18	5.4	34.2	—	—	—
Social workers	18.27	3.0	35.9	16.48	3.9	35.4	19.49	3.8	36.3
5	12.02	5.9	36.2	10.77	4.2	35.2	13.84	8.2	37.7
6	15.63	4.2	37.5	11.00	1.5	37.6	17.56	3.1	37.4
7	16.25	4.3	33.4	15.70	4.3	37.4	16.92	8.3	29.6
8	17.93	3.6	36.5	16.62	4.0	36.9	18.76	4.0	36.3
9	19.35	3.8	35.8	18.55	4.7	33.8	19.75	5.3	37.0
10	20.73	6.8	35.9	—	—	—	—	—	—

See footnotes at end of table.

Table 6. Occupations ¹ and levels,² Middle Atlantic: Mean hourly earnings³ and weekly hours, private industry and State and local government, National Compensation Survey,⁴ 1998–Continued

Occupations and levels	Total			Private industry			State and local government		
	Hourly earnings		Mean weekly hours	Hourly earnings		Mean weekly hours	Hourly earnings		Mean weekly hours
	Mean	Relative error ⁵ (percent)		Mean	Relative error ⁵ (percent)		Mean	Relative error ⁵ (percent)	
White collar –Continued									
Professional specialty and technical –Continued									
Professional specialty –Continued									
Social, recreation, and religious workers –Continued									
Social workers –Continued									
11	\$26.26	5.7	36.5	\$23.18	5.4	34.2	–	–	–
Recreation workers	14.13	8.2	33.0	12.00	8.8	32.7	\$16.01	8.6	33.3
5	11.40	8.4	30.8	–	–	–	–	–	–
Lawyers and judges	38.47	7.2	39.0	46.17	6.7	44.9	29.79	5.8	33.9
11	34.08	8.7	39.7	36.18	7.3	43.2	–	–	–
12	50.14	10.1	36.2	52.14	12.2	42.8	–	–	–
Not able to be leveled	31.63	6.7	36.8	–	–	–	–	–	–
Lawyers	38.45	7.3	39.3	46.17	6.7	44.9	29.73	5.8	34.4
11	33.88	8.9	42.3	36.18	7.3	43.2	–	–	–
12	50.14	10.1	36.2	52.14	12.2	42.8	–	–	–
Not able to be leveled	31.63	6.7	36.8	–	–	–	–	–	–
Writers, authors, entertainers, athletes, and professionals, n.e.c.	28.22	7.1	35.7	28.75	7.3	36.2	19.92	5.6	29.8
5	14.89	4.3	39.5	14.89	4.3	39.5	–	–	–
6	14.60	7.2	37.4	14.60	7.2	37.4	–	–	–
7	19.14	5.8	37.2	19.51	6.2	37.6	–	–	–
8	20.04	4.2	38.4	20.04	4.2	38.4	–	–	–
9	26.05	6.0	38.3	26.69	6.5	38.2	–	–	–
10	28.87	3.1	38.4	28.87	3.1	38.4	–	–	–
11	31.08	5.9	38.5	31.79	6.1	38.4	–	–	–
12	42.07	8.2	39.5	42.07	8.2	39.5	–	–	–
Not able to be leveled	38.75	22.3	26.9	40.66	22.8	28.0	16.36	5.2	18.2
Technical writers	22.21	10.1	40.0	22.21	10.1	40.0	–	–	–
Designers	23.15	4.6	38.9	23.15	4.6	38.9	–	–	–
9	26.43	8.1	38.2	26.43	8.1	38.2	–	–	–
Actors and directors	38.70	13.5	34.1	–	–	–	–	–	–
Not able to be leveled	38.70	13.5	34.1	–	–	–	–	–	–
Editors and reporters	28.31	12.6	37.1	28.40	12.7	37.1	–	–	–
6	14.12	10.5	36.5	14.12	10.5	36.5	–	–	–
7	18.69	7.3	36.5	18.69	7.3	36.5	–	–	–
9	27.07	11.3	37.3	27.07	11.3	37.3	–	–	–
Public relations specialists	22.23	7.2	37.1	23.26	8.9	37.0	–	–	–
9	21.80	5.1	38.0	–	–	–	–	–	–
Athletes	16.54	9.1	17.8	16.96	11.6	18.6	–	–	–
Not able to be leveled	16.54	9.1	17.8	16.96	11.6	18.6	–	–	–
Professional, n.e.c.	28.55	7.0	39.3	28.74	7.1	39.4	–	–	–
7	20.74	12.7	38.5	21.13	14.6	39.2	–	–	–
9	29.39	10.4	39.1	29.61	10.8	39.4	–	–	–
11	30.32	10.9	40.0	31.20	11.7	40.0	–	–	–
12	36.84	3.4	40.0	36.84	3.4	40.0	–	–	–
Not able to be leveled	31.83	22.4	37.7	31.83	22.4	37.7	–	–	–
Technical	19.08	4.3	35.6	19.46	4.7	35.5	16.48	3.1	35.6
3	11.06	7.7	27.7	11.29	7.8	28.3	–	–	–
4	13.05	2.5	35.5	12.85	2.7	35.8	14.30	3.9	33.3
5	14.19	2.6	34.6	14.04	2.8	34.4	14.96	4.0	35.9
6	15.61	2.4	36.1	15.75	2.7	35.7	15.02	3.3	38.0
7	18.54	3.6	35.2	18.78	4.1	35.7	16.90	2.7	32.1
8	19.94	2.6	37.8	20.12	3.1	37.8	17.22	10.9	38.8
9	24.95	4.3	37.1	24.85	4.8	37.0	25.87	1.5	37.7
10	33.53	12.2	37.0	33.53	12.2	37.0	–	–	–
11	58.35	28.9	30.0	62.37	29.3	29.1	–	–	–
Not able to be leveled	18.03	6.2	38.5	17.54	6.7	38.9	–	–	–
Clinical laboratory technologists and technicians	16.75	4.0	35.7	16.54	4.3	35.6	18.71	11.7	36.9
4	12.07	8.0	34.7	12.07	8.0	34.7	–	–	–
5	14.61	7.2	34.1	14.97	7.6	34.4	–	–	–

See footnotes at end of table.

Table 6. Occupations ¹ and levels,² Middle Atlantic: Mean hourly earnings³ and weekly hours, private industry and State and local government, National Compensation Survey,⁴ 1998—Continued

Occupations and levels	Total			Private industry			State and local government		
	Hourly earnings		Mean weekly hours	Hourly earnings		Mean weekly hours	Hourly earnings		Mean weekly hours
	Mean	Relative error ⁵ (percent)		Mean	Relative error ⁵ (percent)		Mean	Relative error ⁵ (percent)	
White collar—Continued									
Professional specialty and technical—Continued									
Technical—Continued									
Clinical laboratory technologists and technicians—Continued									
6	\$15.19	5.9	38.5	\$15.82	4.9	38.3	—	—	—
7	17.18	4.6	35.9	17.25	5.8	35.3	—	—	—
8	18.40	4.9	35.6	17.55	3.0	35.8	—	—	—
9	20.64	3.4	35.4	20.51	3.5	35.4	—	—	—
11	24.89	4.9	35.3	—	—	—	—	—	—
Health record technologists and technicians	12.92	8.9	29.5	12.93	9.0	29.4	—	—	—
4	11.45	8.7	33.2	11.41	8.9	33.1	—	—	—
Radiological technicians	17.98	4.7	31.9	17.82	4.6	31.8	—	—	—
5	12.03	6.7	22.0	12.03	6.7	22.0	—	—	—
6	17.76	5.4	34.8	17.76	5.4	34.8	—	—	—
7	21.21	5.2	28.2	21.21	5.2	28.2	—	—	—
8	19.40	3.0	36.3	19.40	3.0	36.3	—	—	—
Licensed practical nurses	14.43	2.1	33.1	14.38	2.4	32.6	\$14.62	2.7	34.8
4	13.72	4.8	34.8	12.98	8.8	32.8	—	—	—
5	14.25	2.5	33.2	14.03	2.9	31.6	14.73	4.9	37.4
6	14.08	4.1	33.3	14.16	4.6	32.9	13.52	3.3	37.2
7	15.82	2.2	30.2	15.85	2.5	32.0	15.65	2.8	23.5
8	14.14	5.1	37.5	14.08	5.8	37.2	—	—	—
Health technologists and technicians, n.e.c.	15.44	2.2	34.2	14.75	2.7	33.6	17.17	8.8	35.9
3	12.54	10.3	21.1	12.54	10.3	21.1	—	—	—
4	13.37	4.1	34.0	13.35	4.2	36.2	—	—	—
5	14.31	3.3	36.4	13.90	3.1	36.5	—	—	—
6	14.49	2.4	34.9	13.12	2.5	30.6	15.37	5.0	38.4
7	16.82	6.1	34.1	16.82	6.1	34.1	—	—	—
Electrical and electronic technicians	17.51	5.5	39.5	17.51	5.6	39.8	—	—	—
5	10.89	11.9	37.8	10.81	11.9	39.2	—	—	—
6	16.33	4.0	40.0	16.33	4.0	40.0	—	—	—
7	19.47	3.9	40.4	19.45	3.9	40.4	—	—	—
8	20.72	3.4	39.8	20.79	3.4	39.8	—	—	—
Mechanical engineering technicians	21.05	2.2	39.3	21.05	2.2	39.3	—	—	—
Engineering technicians, n.e.c.	19.04	2.1	39.4	19.15	2.3	39.6	—	—	—
6	15.11	6.5	39.1	14.16	5.1	39.5	—	—	—
7	17.11	3.3	39.5	16.94	3.7	40.0	—	—	—
8	21.17	2.5	40.0	21.17	2.5	40.0	—	—	—
Drafters	17.30	6.7	40.0	17.30	6.7	40.0	—	—	—
5	15.01	8.1	40.0	15.01	8.1	40.0	—	—	—
7	16.51	2.4	40.0	16.51	2.4	40.0	—	—	—
9	24.32	7.2	40.0	24.32	7.2	40.0	—	—	—
Surveying and mapping technicians	14.03	12.0	38.8	14.44	15.1	40.0	—	—	—
Biological technicians	19.17	5.1	37.8	19.71	4.9	39.5	—	—	—
Chemical technicians	17.58	4.1	39.8	17.59	4.1	39.8	—	—	—
5	17.24	7.3	38.9	17.26	7.3	38.9	—	—	—
6	18.28	6.2	40.0	18.28	6.2	40.0	—	—	—
Science technicians, n.e.c.	16.53	6.5	38.4	16.51	6.5	38.5	—	—	—
Airplane pilots and navigators	83.07	27.5	23.8	83.07	27.5	23.8	—	—	—
Broadcast equipment operators	25.65	13.1	33.5	25.95	12.9	33.4	—	—	—
Computer programmers	21.05	5.7	38.3	21.48	5.1	38.3	18.06	10.7	38.4
5	14.30	3.6	33.4	—	—	—	—	—	—
6	15.28	12.9	37.7	15.28	12.9	37.7	—	—	—
8	18.38	5.9	38.2	19.28	5.1	37.7	—	—	—
9	25.28	5.5	39.6	25.32	6.2	39.7	—	—	—
11	30.70	8.7	40.2	30.70	8.7	40.2	—	—	—
Legal assistants	18.65	5.0	38.2	18.51	5.9	38.5	—	—	—
7	18.16	4.0	37.5	17.40	3.8	38.1	—	—	—
Technical and related, n.e.c.	21.08	3.9	37.3	21.80	3.9	37.9	16.30	7.2	33.7
4	13.35	8.8	32.0	13.63	9.4	31.4	—	—	—
5	13.73	5.6	39.2	13.54	6.4	39.8	—	—	—

See footnotes at end of table.

Table 6. Occupations¹ and levels,² Middle Atlantic: Mean hourly earnings³ and weekly hours, private industry and State and local government, National Compensation Survey,⁴ 1998—Continued

Occupations and levels	Total			Private industry			State and local government		
	Hourly earnings		Mean weekly hours	Hourly earnings		Mean weekly hours	Hourly earnings		Mean weekly hours
	Mean	Relative error ⁵ (percent)		Mean	Relative error ⁵ (percent)		Mean	Relative error ⁵ (percent)	
White collar—Continued									
Professional specialty and technical—Continued									
Technical—Continued									
Technical and related, n.e.c.—Continued									
6	\$17.24	6.6	37.1	\$18.30	5.7	37.6	—	—	—
7	20.92	14.6	37.8	23.95	14.9	39.1	—	—	—
8	22.76	11.3	40.2	23.09	11.6	40.2	—	—	—
9	23.51	4.4	37.7	23.51	4.4	37.7	—	—	—
Not able to be leveled	23.03	8.2	36.7	—	—	—	—	—	—
Executive, administrative, and managerial									
5	31.04	1.9	38.9	31.92	2.0	39.4	\$27.28	4.6	36.9
6	15.10	3.6	39.4	14.74	3.7	39.8	17.36	5.1	36.8
7	15.95	5.0	37.9	16.83	2.4	37.3	14.16	7.7	39.3
8	17.91	1.9	38.5	18.05	2.1	38.8	17.41	3.6	37.3
9	20.94	2.4	38.1	21.16	2.8	39.1	20.25	3.7	35.4
10	25.71	1.9	38.7	25.67	2.1	39.3	25.96	5.1	35.9
11	28.57	2.7	38.5	29.43	3.0	39.1	26.47	2.5	37.2
12	31.70	2.0	39.1	31.60	2.2	39.4	32.01	4.8	38.1
13	39.77	2.3	39.6	39.79	2.2	39.9	39.60	8.4	37.9
14	49.23	4.2	39.9	49.41	4.3	40.0	42.52	2.0	37.5
Not able to be leveled	62.63	5.6	39.6	64.14	5.9	40.2	—	—	—
Executives, administrators, and managers	40.77	7.4	37.0	45.72	7.5	37.9	27.58	4.8	35.0
5	35.74	2.0	39.3	36.19	2.2	39.7	33.33	4.8	37.3
6	13.64	9.1	40.0	13.67	9.2	40.0	—	—	—
7	14.95	6.1	32.9	15.16	6.4	33.3	—	—	—
8	18.29	3.9	38.5	18.07	4.3	38.8	19.75	9.2	36.6
9	21.79	4.7	39.2	21.91	5.4	39.9	21.07	4.7	35.8
10	27.04	2.7	39.4	26.69	2.9	39.7	29.55	8.4	37.6
11	29.33	4.0	39.6	28.96	4.4	39.9	32.98	4.0	37.0
12	32.73	2.4	39.2	32.63	2.5	39.6	32.99	5.8	38.0
13	39.78	2.2	39.7	39.69	2.1	40.0	40.25	8.5	37.9
14	48.90	4.5	39.9	49.05	4.6	40.0	40.15	3.5	37.6
Not able to be leveled	64.83	5.2	39.6	66.83	5.4	40.4	—	—	—
Administrators and officials, public administration	42.90	8.8	37.4	47.31	9.0	38.0	27.77	7.0	35.4
7	29.07	5.6	36.8	—	—	—	29.02	5.8	36.8
9	17.81	10.1	35.2	—	—	—	17.81	10.1	35.2
11	32.78	13.2	37.6	—	—	—	32.78	13.2	37.6
Not able to be leveled	32.55	6.5	36.9	—	—	—	32.55	6.5	36.9
Financial managers	30.93	15.1	37.7	—	—	—	30.93	15.1	37.7
7	40.56	6.2	39.2	41.57	6.3	39.2	29.43	11.2	39.1
8	18.17	6.9	38.8	18.17	6.9	38.8	—	—	—
9	22.62	12.7	37.5	22.62	12.7	37.5	—	—	—
10	28.15	13.2	38.9	29.07	13.7	38.8	—	—	—
11	30.58	9.5	39.3	—	—	—	—	—	—
12	31.69	6.8	40.1	32.73	7.5	40.1	—	—	—
13	41.26	6.2	39.2	41.26	6.2	39.2	—	—	—
14	60.71	12.4	38.6	61.37	12.7	38.7	—	—	—
Not able to be leveled	72.37	13.4	38.8	75.79	13.7	39.3	—	—	—
Personnel and labor relations managers	58.41	23.1	37.7	58.41	23.1	37.7	—	—	—
9	36.84	5.3	39.5	37.83	5.3	39.5	—	—	—
11	26.46	7.3	40.0	23.93	5.8	39.9	—	—	—
13	31.40	4.4	39.0	31.49	4.4	39.0	—	—	—
14	47.86	5.3	39.2	47.86	5.3	39.2	—	—	—
Purchasing managers	63.53	7.4	37.1	63.53	7.4	37.1	—	—	—
12	30.70	6.3	40.7	30.73	6.5	40.9	—	—	—
Managers, marketing, advertising, and public relations	35.62	9.9	42.6	35.62	9.9	42.6	—	—	—
8	38.04	4.8	39.8	38.08	4.8	39.8	—	—	—
9	24.37	17.1	38.4	24.59	17.4	38.5	—	—	—
11	27.83	5.0	39.9	27.83	5.0	39.9	—	—	—
11	35.56	10.3	38.9	35.56	10.3	38.9	—	—	—

See footnotes at end of table.

Table 6. Occupations¹ and levels,² Middle Atlantic: Mean hourly earnings³ and weekly hours, private industry and State and local government, National Compensation Survey,⁴ 1998—Continued

Occupations and levels	Total			Private industry			State and local government		
	Hourly earnings		Mean weekly hours	Hourly earnings		Mean weekly hours	Hourly earnings		Mean weekly hours
	Mean	Relative error ⁵ (percent)		Mean	Relative error ⁵ (percent)		Mean	Relative error ⁵ (percent)	
White collar —Continued									
Executive, administrative, and managerial									
—Continued									
Executives, administrators, and managers									
—Continued									
Managers, marketing, advertising, and public relations—Continued									
12	\$42.81	5.2	39.8	\$42.84	5.2	39.8	—	—	—
13	46.97	2.9	44.0	46.97	2.9	44.0	—	—	—
14	67.09	14.2	36.8	67.09	14.2	36.8	—	—	—
Administrators, education and related fields	35.85	7.1	36.5	26.43	9.7	35.4	\$41.49	6.0	37.2
7	17.61	14.2	32.8	13.95	8.2	30.1	24.96	5.9	40.0
8	22.90	6.3	35.9	—	—	—	26.88	7.3	33.8
9	28.20	20.8	36.9	20.65	6.1	37.6	45.13	23.2	35.4
10	30.70	13.6	38.5	—	—	—	37.60	2.2	37.9
11	39.25	7.3	37.4	26.96	5.8	37.3	41.65	7.6	37.4
12	41.97	10.0	37.5	28.34	10.3	38.6	44.44	8.8	37.3
13	43.84	19.8	36.4	44.50	25.1	36.1	41.48	3.2	37.4
Managers, medicine and health	33.29	5.6	38.6	34.76	5.9	38.7	26.08	4.4	38.3
8	19.09	5.4	38.5	19.36	5.9	39.2	—	—	—
9	26.08	4.1	36.5	26.22	4.4	36.6	—	—	—
11	26.56	4.3	39.6	27.90	4.9	39.7	24.75	3.7	39.5
12	38.70	9.2	37.0	38.77	11.2	37.1	38.38	2.6	36.5
13	40.89	11.9	38.4	40.96	12.0	38.4	—	—	—
14	54.64	8.8	42.5	54.64	8.8	42.5	—	—	—
Managers, food servicing and lodging establishments	21.77	12.1	42.7	21.45	13.2	43.4	—	—	—
8	17.67	7.4	39.0	—	—	—	—	—	—
Managers, properties and real estate	29.05	2.4	39.6	—	—	—	—	—	—
Managers, service organizations, n.e.c.	33.43	9.6	38.1	33.97	9.9	38.2	25.32	4.4	36.1
7	15.59	13.4	41.0	15.52	13.8	41.1	—	—	—
8	23.95	11.1	38.2	23.97	11.4	38.3	—	—	—
9	31.48	9.8	36.5	32.15	10.2	36.6	—	—	—
11	35.99	19.6	37.1	38.43	22.4	36.8	—	—	—
12	42.34	9.8	38.9	42.67	10.0	39.0	—	—	—
Managers and administrators, n.e.c.	35.96	2.5	40.1	36.08	2.6	40.3	34.42	11.7	38.1
5	15.71	22.7	40.0	15.71	22.7	40.0	—	—	—
7	20.35	5.4	38.6	20.39	5.4	38.7	—	—	—
8	22.20	10.1	41.4	22.20	10.1	41.4	—	—	—
9	26.11	3.1	40.7	26.10	3.3	41.0	26.18	5.6	37.5
10	28.86	5.7	39.9	28.86	5.7	39.9	—	—	—
11	33.13	2.6	39.6	33.11	2.7	39.7	—	—	—
12	38.48	2.4	40.6	38.79	2.4	40.7	—	—	—
13	49.90	7.3	40.5	49.90	7.3	40.5	—	—	—
14	65.12	6.9	40.0	67.85	6.8	41.2	—	—	—
Not able to be leveled	37.28	8.9	38.3	39.90	8.4	37.9	—	—	—
Management related	23.84	2.9	38.3	24.64	3.3	38.9	21.32	5.0	36.6
5	15.49	3.3	39.2	15.08	3.3	39.8	17.45	5.1	36.8
6	16.03	5.4	38.4	17.02	2.4	37.8	14.20	7.9	39.5
7	17.69	1.7	38.4	18.03	2.0	38.7	16.74	2.5	37.6
8	20.42	2.2	37.5	20.60	2.4	38.5	20.00	4.4	35.2
9	24.06	1.8	37.9	24.34	2.0	38.7	22.70	3.2	34.4
10	28.06	3.7	37.8	29.91	4.3	38.3	25.52	2.9	37.2
11	28.73	3.4	38.7	28.89	4.1	38.8	28.06	2.3	38.4
12	39.68	8.4	39.4	40.37	8.3	39.5	—	—	—
13	52.64	11.7	39.8	53.43	12.7	40.1	—	—	—
Not able to be leveled	35.82	15.4	36.2	41.06	17.4	37.5	27.32	4.2	34.4
Accountants and auditors	22.78	3.2	38.3	23.12	3.5	38.9	20.54	6.5	34.3
5	15.33	4.2	39.5	15.34	4.4	39.8	—	—	—
6	17.47	5.4	37.1	17.44	6.3	37.0	—	—	—
7	17.51	3.1	38.8	17.67	3.2	39.3	16.70	9.9	36.7
8	20.62	3.6	38.6	20.96	4.4	38.3	—	—	—

See footnotes at end of table.

Table 6. Occupations ¹ and levels,² Middle Atlantic: Mean hourly earnings³ and weekly hours, private industry and State and local government, National Compensation Survey,⁴ 1998—Continued

Occupations and levels	Total			Private industry			State and local government		
	Hourly earnings		Mean weekly hours	Hourly earnings		Mean weekly hours	Hourly earnings		Mean weekly hours
	Mean	Relative error ⁵ (percent)		Mean	Relative error ⁵ (percent)		Mean	Relative error ⁵ (percent)	
White collar—Continued									
Executive, administrative, and managerial—Continued									
Management related—Continued									
Accountants and auditors—Continued									
9	\$22.95	3.6	37.0	\$23.11	4.0	38.8	—	—	—
10	26.99	4.2	38.7	26.89	5.1	39.3	—	—	—
11	27.16	4.3	38.5	27.02	4.7	38.8	—	—	—
12	33.70	6.9	39.0	33.70	6.9	39.0	—	—	—
Underwriters	34.64	12.9	38.7	34.64	12.9	38.7	—	—	—
Other financial officers	28.73	10.4	37.2	29.30	11.8	37.6	\$25.71	3.1	35.2
6	15.90	6.3	36.9	15.91	6.4	36.9	—	—	—
7	17.27	5.2	36.4	17.27	5.2	36.4	—	—	—
8	19.90	5.6	38.4	19.90	5.6	38.4	—	—	—
9	21.95	4.3	37.3	21.82	5.0	37.5	—	—	—
10	28.30	6.5	35.4	—	—	—	—	—	—
11	32.36	8.0	38.0	32.36	8.0	38.0	—	—	—
12	46.80	13.2	38.7	47.07	13.1	38.9	—	—	—
Management analysts	29.08	5.6	38.7	29.21	6.1	39.2	—	—	—
9	25.14	3.4	38.8	25.29	3.3	38.9	—	—	—
13	49.13	9.8	46.5	49.13	9.8	46.5	—	—	—
Personnel, training, and labor relations specialists	22.78	5.6	39.1	24.03	5.9	39.4	18.72	6.0	38.5
5	14.88	8.7	38.3	14.02	9.1	39.5	—	—	—
6	17.01	3.1	37.6	16.35	4.5	37.7	—	—	—
7	17.18	3.2	38.9	17.38	5.1	38.6	—	—	—
8	19.86	7.1	38.2	20.13	7.6	38.6	—	—	—
9	23.74	4.8	39.1	23.92	5.1	39.1	—	—	—
10	26.55	16.0	40.1	—	—	—	—	—	—
11	24.20	5.3	39.6	24.16	5.7	40.0	—	—	—
12	33.03	7.9	42.5	—	—	—	—	—	—
Buyers, wholesale and retail trade, except farm products	24.35	10.6	40.5	24.35	10.6	40.5	—	—	—
Purchasing agents and buyers, n.e.c.	22.92	8.9	39.1	23.14	9.2	39.1	—	—	—
5	17.30	4.9	40.0	17.30	4.9	40.0	—	—	—
6	17.01	6.3	40.6	16.66	9.6	40.9	—	—	—
7	16.85	6.4	39.5	16.78	6.6	39.6	—	—	—
8	16.45	7.0	39.5	16.45	7.0	39.5	—	—	—
9	26.06	9.7	38.0	26.20	10.1	38.0	—	—	—
Construction inspectors	20.64	8.2	36.3	—	—	—	20.33	9.8	34.9
7	18.16	2.5	37.6	—	—	—	—	—	—
Inspectors and compliance officers, except construction	20.06	9.6	37.9	25.43	5.9	38.3	18.60	11.0	37.7
7	17.20	5.1	35.9	—	—	—	—	—	—
8	19.08	1.5	35.5	—	—	—	—	—	—
9	23.57	5.2	38.0	25.36	5.2	38.1	—	—	—
Management related, n.e.c.	23.00	4.2	38.4	22.65	5.7	39.1	23.94	3.5	36.5
5	15.32	5.1	37.7	15.18	5.6	39.3	—	—	—
6	17.52	3.0	37.6	17.59	3.1	37.6	—	—	—
7	18.69	3.2	39.0	19.61	2.6	39.0	—	—	—
8	21.18	3.4	37.7	20.68	3.0	38.3	22.68	6.6	35.9
9	24.03	3.0	37.7	24.56	3.7	38.6	22.93	3.5	35.9
10	26.23	3.0	39.7	28.97	6.1	38.9	—	—	—
11	33.33	6.5	38.4	33.60	7.0	38.5	—	—	—
12	33.38	2.1	39.9	33.71	2.3	39.9	—	—	—
Not able to be leveled	32.10	16.4	36.0	35.97	23.8	37.8	27.90	3.9	34.2
Sales	14.98	6.4	31.6	14.98	6.5	31.5	15.07	4.5	37.9
1	6.61	2.6	22.9	6.60	2.6	22.9	—	—	—
2	6.77	3.1	26.3	6.77	3.1	26.3	—	—	—
3	8.52	3.2	28.5	8.32	2.9	28.3	14.91	9.7	36.7
4	10.34	5.6	32.6	10.28	5.7	32.6	—	—	—

See footnotes at end of table.

Table 6. Occupations¹ and levels,² Middle Atlantic: Mean hourly earnings³ and weekly hours, private industry and State and local government, National Compensation Survey,⁴ 1998—Continued

Occupations and levels	Total			Private industry			State and local government		
	Hourly earnings		Mean weekly hours	Hourly earnings		Mean weekly hours	Hourly earnings		Mean weekly hours
	Mean	Relative error ⁵ (percent)		Mean	Relative error ⁵ (percent)		Mean	Relative error ⁵ (percent)	
White collar—Continued									
Sales—Continued									
5	\$15.18	4.8	38.1	\$15.18	4.8	38.1	—	—	—
6	18.46	7.5	39.1	18.46	7.5	39.1	—	—	—
7	21.15	10.5	41.9	21.81	10.0	42.1	—	—	—
8	24.25	5.5	39.6	24.25	5.5	39.6	—	—	—
9	27.80	9.0	40.4	27.80	9.0	40.4	—	—	—
10	29.30	10.9	41.6	29.80	11.2	41.7	—	—	—
11	33.23	5.7	39.2	33.23	5.7	39.2	—	—	—
Not able to be leveled	36.08	25.7	36.3	36.08	25.7	36.3	—	—	—
Supervisors, sales	22.69	9.5	40.5	22.69	9.5	40.5	—	—	—
4	12.23	9.1	41.7	12.23	9.1	41.7	—	—	—
5	12.92	6.6	40.3	12.92	6.6	40.3	—	—	—
6	14.49	2.9	39.9	14.49	2.9	39.9	—	—	—
7	16.83	6.2	40.9	16.83	6.2	40.9	—	—	—
8	22.38	8.5	41.1	22.38	8.5	41.1	—	—	—
9	28.76	6.1	41.0	28.76	6.1	41.0	—	—	—
10	27.01	10.9	41.3	27.01	10.9	41.3	—	—	—
11	30.55	6.2	38.6	30.55	6.2	38.6	—	—	—
Insurance sales	18.42	13.2	39.1	—	—	—	—	—	—
Securities and financial services sales	45.57	8.3	39.7	45.57	8.3	39.7	—	—	—
Advertising and related sales	18.95	4.9	37.1	18.95	4.9	37.1	—	—	—
8	21.22	4.6	38.0	21.22	4.6	38.0	—	—	—
Sales, other business services	20.92	10.4	34.6	20.92	10.4	34.6	—	—	—
5	13.77	8.0	40.4	13.77	8.0	40.4	—	—	—
8	31.33	9.2	36.3	31.33	9.2	36.3	—	—	—
Sales engineers	22.44	9.0	43.2	22.44	9.0	43.2	—	—	—
Sales representatives, mining, manufacturing, and wholesale	26.23	7.0	41.6	26.23	7.0	41.6	—	—	—
5	20.83	12.6	39.0	20.83	12.6	39.0	—	—	—
7	24.76	11.0	45.2	24.76	11.0	45.2	—	—	—
10	38.35	7.1	43.5	38.35	7.1	43.5	—	—	—
11	35.80	5.8	39.7	35.80	5.8	39.7	—	—	—
Sales workers, motor vehicles and boats	23.34	19.0	44.9	23.34	19.0	44.9	—	—	—
Sales workers, apparel	7.46	5.8	29.2	7.46	5.8	29.2	—	—	—
2	6.93	2.1	33.1	6.93	2.1	33.1	—	—	—
3	7.19	5.6	28.8	7.19	5.6	28.8	—	—	—
Sales workers, shoes	9.45	6.7	31.4	9.45	6.7	31.4	—	—	—
Sales workers, furniture and home furnishings ..	13.74	16.7	37.8	13.74	16.7	37.8	—	—	—
Sales workers, radio, tv, hi-fi, and appliances ...	9.86	8.5	36.0	9.86	8.5	36.0	—	—	—
3	8.15	4.8	33.7	8.15	4.8	33.7	—	—	—
Sales workers, hardware and building supplies ..	12.43	8.5	36.0	12.43	8.5	36.0	—	—	—
4	11.30	8.1	35.5	11.30	8.1	35.5	—	—	—
Sales workers, parts	17.45	22.3	36.9	17.45	22.3	36.9	—	—	—
3	8.11	4.7	34.5	8.11	4.7	34.5	—	—	—
Sales workers, other commodities	8.85	4.6	27.6	8.85	4.6	27.6	—	—	—
1	5.90	6.6	22.1	5.90	6.6	22.1	—	—	—
2	6.61	2.7	23.8	6.61	2.7	23.8	—	—	—
3	7.90	3.1	27.3	7.90	3.1	27.3	—	—	—
4	8.59	3.9	29.8	8.59	3.9	29.8	—	—	—
5	12.80	7.0	31.0	12.80	7.0	31.0	—	—	—
Sales counter clerks	8.57	6.1	28.6	8.57	6.1	28.6	—	—	—
3	7.82	10.9	22.7	7.82	10.9	22.7	—	—	—
Cashiers	8.26	3.5	26.5	7.95	3.3	26.1	\$14.76	6.9	36.8
1	6.51	3.0	22.6	6.51	3.0	22.6	—	—	—
2	6.88	9.6	24.1	6.88	9.6	24.1	—	—	—
3	9.02	5.3	28.2	8.61	4.8	27.8	14.91	9.7	36.7
4	9.43	8.0	30.9	9.09	8.0	30.6	—	—	—
Demonstrators, promoters, and models, sales ...	9.50	9.8	26.5	9.50	9.8	26.5	—	—	—
Sales support, n.e.c.	13.72	10.6	34.5	13.72	10.6	34.5	—	—	—
3	8.31	8.9	35.2	8.31	8.9	35.2	—	—	—
4	11.35	3.6	37.3	11.35	3.6	37.3	—	—	—

See footnotes at end of table.

Table 6. Occupations ¹ and levels,² Middle Atlantic: Mean hourly earnings³ and weekly hours, private industry and State and local government, National Compensation Survey,⁴ 1998—Continued

Occupations and levels	Total			Private industry			State and local government		
	Hourly earnings		Mean weekly hours	Hourly earnings		Mean weekly hours	Hourly earnings		Mean weekly hours
	Mean	Relative error ⁵ (percent)		Mean	Relative error ⁵ (percent)		Mean	Relative error ⁵ (percent)	
White collar—Continued									
Sales—Continued									
Sales support, n.e.c.—Continued									
5	\$17.40	17.6	38.5	\$17.40	17.6	38.5	—	—	—
Not able to be leveled	14.44	12.6	39.3	14.44	12.6	39.3	—	—	—
Administrative support, including clerical	13.44	1.3	36.1	13.33	1.5	36.6	\$13.89	2.0	34.0
1	7.70	4.5	29.2	7.62	4.8	29.8	7.98	12.0	27.3
2	10.23	4.2	33.1	10.25	4.7	34.5	10.11	6.0	27.1
3	10.62	1.4	35.6	10.43	1.3	35.8	11.59	3.7	34.5
4	12.85	2.1	36.4	12.77	2.5	36.9	13.24	2.1	34.4
5	14.41	1.4	37.3	14.17	1.4	38.4	15.04	3.1	34.6
6	15.90	1.3	37.9	15.97	1.5	38.3	15.52	2.9	36.1
7	18.84	1.8	38.0	18.69	1.9	38.1	19.60	4.7	37.1
8	20.50	4.0	38.8	20.68	4.2	39.1	—	—	—
9	24.22	5.8	39.0	24.56	6.0	39.8	—	—	—
11	30.76	16.1	37.8	31.63	17.1	38.1	—	—	—
Not able to be leveled	14.38	3.6	36.6	13.65	7.0	37.3	14.84	3.6	36.2
Supervisors, general office	19.01	3.9	38.2	19.43	4.5	38.8	17.45	5.6	36.1
5	16.24	6.5	37.8	16.49	8.2	38.1	—	—	—
6	15.57	4.5	39.2	15.59	4.6	39.2	—	—	—
7	17.38	4.7	36.9	17.63	5.1	37.8	—	—	—
8	19.50	2.7	39.3	19.64	2.8	39.7	—	—	—
9	26.52	8.0	39.4	26.36	8.9	40.3	—	—	—
Supervisors, computer equipment operators	20.37	5.5	38.1	19.77	5.2	38.6	—	—	—
Supervisors, financial records processing	18.19	4.3	38.2	18.46	4.5	38.6	—	—	—
5	14.70	7.8	39.5	14.70	7.8	39.5	—	—	—
6	15.49	3.2	40.0	15.49	3.2	40.0	—	—	—
7	16.43	4.9	36.5	16.87	4.9	36.7	—	—	—
8	18.87	4.4	38.2	19.02	5.0	38.9	—	—	—
9	23.35	11.2	37.6	26.02	7.7	38.7	—	—	—
Supervisors, distribution, scheduling, and adjusting clerks	18.67	10.1	40.1	18.67	10.1	40.1	—	—	—
7	14.99	4.5	41.2	14.99	4.5	41.2	—	—	—
9	23.33	11.9	40.2	23.33	11.9	40.2	—	—	—
Computer operators	14.78	3.5	38.3	14.49	3.6	38.5	16.89	7.1	36.8
4	13.35	5.7	37.7	13.46	5.8	37.9	—	—	—
5	14.11	5.7	38.9	14.15	6.1	39.2	—	—	—
6	15.50	4.7	38.6	15.12	5.6	38.7	—	—	—
7	19.63	3.3	37.8	20.41	3.5	37.9	—	—	—
Peripheral equipment operators	10.75	8.4	33.2	9.79	12.5	31.2	—	—	—
Secretaries	14.74	1.7	37.0	14.69	1.7	37.1	14.94	3.7	36.6
2	7.77	5.1	33.4	7.79	5.2	34.6	—	—	—
3	10.28	3.9	36.4	10.20	3.3	35.9	10.58	11.3	38.4
4	13.19	1.9	36.3	12.94	2.2	36.1	14.10	2.8	37.1
5	14.94	2.8	37.4	14.55	1.8	38.4	16.60	7.8	33.7
6	16.27	2.1	37.5	16.32	2.4	37.6	16.00	3.4	37.1
7	18.90	2.9	37.6	19.14	3.1	37.7	17.39	4.1	36.9
Not able to be leveled	14.19	4.5	39.8	—	—	—	—	—	—
Stenographers	16.35	4.4	35.1	12.78	5.2	36.1	18.01	6.9	34.7
4	16.56	4.7	36.2	13.91	7.1	30.8	17.01	4.4	37.3
5	15.43	5.2	34.1	12.26	6.3	39.4	—	—	—
Typists	12.66	2.7	34.2	12.70	5.3	37.0	12.63	2.8	32.7
2	10.38	10.7	30.0	8.46	10.3	32.2	12.25	10.4	28.1
3	12.25	3.8	36.3	12.44	3.6	37.6	12.16	5.3	35.7
4	12.58	2.3	32.5	12.92	6.1	37.7	12.42	.9	30.4
5	14.26	7.6	37.6	13.93	11.6	38.6	14.65	8.6	36.5
Interviewers	10.72	5.8	27.9	10.51	5.8	27.5	—	—	—
2	8.42	7.9	29.1	8.42	7.9	29.1	—	—	—
3	11.11	5.4	30.3	11.11	5.4	30.3	—	—	—
4	11.31	8.4	23.6	11.05	8.8	22.6	—	—	—
Hotel clerks	9.70	6.3	38.6	9.70	6.3	38.6	—	—	—

See footnotes at end of table.

Table 6. Occupations¹ and levels,² Middle Atlantic: Mean hourly earnings³ and weekly hours, private industry and State and local government, National Compensation Survey,⁴ 1998—Continued

Occupations and levels	Total			Private industry			State and local government		
	Hourly earnings		Mean weekly hours	Hourly earnings		Mean weekly hours	Hourly earnings		Mean weekly hours
	Mean	Relative error ⁵ (percent)		Mean	Relative error ⁵ (percent)		Mean	Relative error ⁵ (percent)	
White collar—Continued									
Administrative support, including clerical—Continued									
Hotel clerks—Continued									
3	\$9.62	6.7	38.6	\$9.62	6.7	38.6	—	—	—
Transportation ticket and reservation agents	14.81	5.3	34.9	14.49	6.4	34.0	—	—	—
3	13.33	9.8	36.0	—	—	—	—	—	—
4	14.92	8.3	32.0	14.92	8.3	32.0	—	—	—
7	18.81	4.5	39.7	18.81	4.5	39.7	—	—	—
Receptionists	10.38	2.7	34.3	10.37	2.7	34.3	\$10.59	1.9	36.7
1	7.21	7.7	25.4	7.21	7.7	25.4	—	—	—
2	9.70	4.0	33.4	9.62	4.3	33.1	—	—	—
3	10.88	3.0	36.5	10.88	3.0	36.5	—	—	—
4	10.58	6.1	35.9	10.60	6.2	35.9	—	—	—
Information clerks, n.e.c.	14.36	14.0	34.5	14.17	15.5	34.4	—	—	—
3	9.29	2.7	33.0	8.33	2.1	32.7	—	—	—
4	12.29	5.6	38.9	12.24	5.7	39.0	—	—	—
5	14.07	4.9	40.0	14.07	4.9	40.0	—	—	—
Correspondence clerks	13.31	5.1	37.8	13.31	5.1	37.8	—	—	—
Order clerks	15.28	4.4	38.7	15.28	4.4	38.7	—	—	—
2	9.81	5.9	36.4	9.81	5.9	36.4	—	—	—
3	10.72	4.4	38.2	10.72	4.4	38.2	—	—	—
4	14.62	7.1	38.4	14.62	7.1	38.4	—	—	—
5	16.25	6.5	39.9	16.25	6.5	39.9	—	—	—
7	20.02	5.4	39.5	20.02	5.4	39.5	—	—	—
Personnel clerks, except payroll and timekeeping	14.71	3.7	38.7	14.83	3.8	38.9	12.25	4.2	34.9
4	12.15	3.1	36.4	12.10	3.3	36.6	—	—	—
5	10.13	6.7	39.8	—	—	—	—	—	—
Library clerks	11.56	2.9	26.6	12.03	4.4	27.7	11.04	3.6	25.4
1	6.19	6.4	11.4	—	—	—	6.32	7.6	9.9
2	8.72	10.9	20.0	—	—	—	9.21	11.0	19.8
3	11.07	4.5	25.3	—	—	—	10.59	1.6	27.8
4	12.54	5.5	31.9	12.01	7.5	29.9	13.42	5.4	35.8
5	12.86	3.8	36.5	—	—	—	—	—	—
File clerks	10.24	3.9	36.0	10.26	3.9	36.3	—	—	—
2	9.27	4.8	37.1	9.27	4.8	37.1	—	—	—
3	10.80	5.6	36.3	10.80	5.6	36.3	—	—	—
Records clerks, n.e.c.	12.64	3.1	36.4	12.56	3.5	36.3	13.31	4.3	38.0
2	11.10	12.4	32.4	9.15	7.3	31.2	—	—	—
3	10.33	4.7	35.1	10.33	4.7	35.1	—	—	—
4	12.61	4.2	36.5	12.59	4.4	36.4	—	—	—
5	13.64	4.1	38.4	14.08	4.3	37.9	—	—	—
6	15.60	7.6	37.5	—	—	—	—	—	—
Bookkeepers, accounting and auditing clerks ...	13.12	2.1	37.6	13.00	2.1	37.9	13.91	6.6	36.0
2	9.12	5.2	38.0	9.18	5.3	38.0	—	—	—
3	10.55	3.1	36.8	10.74	3.7	36.9	10.09	3.6	36.5
4	11.78	2.3	37.7	11.72	2.4	37.8	12.49	2.5	36.9
5	14.19	3.3	37.7	13.65	2.5	38.3	16.85	7.1	35.0
6	15.53	5.1	37.9	15.70	5.3	37.9	—	—	—
7	17.87	3.8	37.9	17.78	4.4	38.5	—	—	—
Payroll and timekeeping clerks	12.95	4.8	38.5	12.98	5.0	39.1	—	—	—
3	11.25	6.5	36.8	11.34	6.7	39.1	—	—	—
4	10.63	8.7	38.9	10.48	9.3	39.0	—	—	—
5	13.35	3.9	39.1	13.35	3.9	39.1	—	—	—
6	15.37	7.1	38.5	15.37	7.1	38.5	—	—	—
Billing clerks	11.11	4.4	38.5	11.11	4.4	38.5	—	—	—
3	9.45	6.5	39.9	9.45	6.5	39.9	—	—	—
4	11.62	2.5	37.6	11.62	2.5	37.6	—	—	—
5	12.50	6.8	38.9	12.50	6.8	38.9	—	—	—
Billing, posting, and calculating machine operators	10.69	7.8	29.9	10.69	7.8	29.9	—	—	—

See footnotes at end of table.

Table 6. Occupations¹ and levels,² Middle Atlantic: Mean hourly earnings³ and weekly hours, private industry and State and local government, National Compensation Survey,⁴ 1998—Continued

Occupations and levels	Total			Private industry			State and local government		
	Hourly earnings		Mean weekly hours	Hourly earnings		Mean weekly hours	Hourly earnings		Mean weekly hours
	Mean	Relative error ⁵ (percent)		Mean	Relative error ⁵ (percent)		Mean	Relative error ⁵ (percent)	
White collar—Continued									
Administrative support, including clerical—Continued									
Duplicating machine operators	\$9.44	5.4	32.3	\$9.44	5.6	32.1	—	—	—
Office machine operators, n.e.c.	8.61	9.9	37.3	8.61	9.9	37.3	—	—	—
Telephone operators	14.18	5.1	36.0	14.34	5.1	36.1	\$11.22	6.2	35.0
2	15.38	4.2	37.3	15.52	3.9	37.4	—	—	—
3	11.45	8.0	33.5	11.48	8.2	33.4	—	—	—
4	12.21	9.3	33.2	12.21	9.3	33.2	—	—	—
Mail clerks, except postal service	10.64	8.8	37.6	10.59	9.2	37.6	—	—	—
2	8.93	4.3	36.6	8.93	4.3	36.6	—	—	—
3	13.09	13.0	37.4	13.17	14.1	37.3	—	—	—
4	9.54	6.1	38.0	9.54	6.1	38.0	—	—	—
Messengers	8.93	15.6	37.4	8.45	16.0	37.7	—	—	—
1	7.37	17.7	38.2	7.13	17.3	38.3	—	—	—
2	9.69	5.3	32.7	9.69	5.3	32.7	—	—	—
Dispatchers	15.60	9.0	38.5	12.61	5.8	37.3	17.99	11.1	39.5
3	11.65	9.3	38.8	10.68	8.1	39.5	13.64	16.0	37.5
4	13.67	6.1	38.1	—	—	—	—	—	—
5	14.35	9.7	34.6	—	—	—	—	—	—
7	22.43	7.2	40.0	—	—	—	—	—	—
Production coordinators	15.67	7.4	38.7	15.71	7.4	38.7	—	—	—
7	17.72	12.3	40.0	17.72	12.3	40.0	—	—	—
Traffic, shipping and receiving clerks	11.82	2.7	39.3	11.61	2.9	39.4	—	—	—
2	8.36	5.0	37.9	8.36	5.0	37.9	—	—	—
3	10.20	2.9	39.3	10.20	2.9	39.3	—	—	—
4	11.75	4.4	39.1	11.75	4.4	39.1	—	—	—
5	13.87	1.8	39.2	13.42	2.3	40.0	—	—	—
Stock and inventory clerks	12.16	5.7	35.1	12.09	6.1	34.8	12.90	4.1	39.1
2	8.95	5.3	35.8	8.75	5.8	35.7	—	—	—
3	11.37	9.0	36.7	11.38	9.7	36.4	—	—	—
4	12.71	4.4	39.1	12.60	4.9	39.0	—	—	—
5	14.23	4.4	39.7	14.04	4.9	39.6	—	—	—
6	16.95	4.4	38.7	17.52	4.0	39.2	—	—	—
7	19.70	7.8	40.0	19.70	7.8	40.0	—	—	—
Meter readers	18.38	3.3	40.0	18.80	1.8	40.0	—	—	—
Weighers, measurers, checkers, and samplers	12.63	22.2	38.6	12.22	26.1	38.9	—	—	—
Expeditors	13.24	9.8	36.0	13.24	9.8	36.0	—	—	—
Material recording, scheduling, and distribution clerks, n.e.c.	11.29	8.0	34.1	11.28	8.1	33.9	—	—	—
4	12.23	11.8	34.5	12.31	12.7	34.2	—	—	—
Insurance adjusters, examiners, and investigators	16.36	13.1	39.1	16.32	13.2	39.1	—	—	—
4	10.85	9.0	38.8	10.85	9.0	38.8	—	—	—
5	13.85	12.2	39.8	13.85	12.2	39.8	—	—	—
7	18.96	7.1	39.1	18.88	7.3	39.1	—	—	—
Investigators and adjusters, except insurance ...	14.95	7.8	38.1	14.84	8.4	38.0	—	—	—
3	9.69	5.6	33.3	9.69	5.6	33.3	—	—	—
4	16.42	10.7	39.6	16.42	10.7	39.6	—	—	—
5	14.05	5.0	37.8	14.05	5.0	37.8	—	—	—
6	14.57	4.8	39.7	14.16	4.5	39.7	—	—	—
7	16.96	2.6	38.0	17.12	2.7	37.0	—	—	—
Eligibility clerks, social welfare	14.26	3.3	35.8	13.01	11.5	39.0	14.60	2.5	35.0
4	12.62	4.1	37.6	—	—	—	—	—	—
5	13.52	8.9	37.3	—	—	—	15.71	1.0	35.2
6	14.25	6.7	34.9	—	—	—	—	—	—
Bill and account collectors	13.84	8.4	38.3	13.84	8.4	38.3	—	—	—
4	11.90	5.4	37.6	11.90	5.4	37.6	—	—	—
5	13.66	5.6	38.9	13.66	5.6	38.9	—	—	—
General office clerks	12.58	2.9	35.3	12.53	3.1	35.9	12.68	6.2	34.1
1	6.77	12.4	25.3	8.76	3.5	25.8	5.70	10.4	24.9
2	9.02	3.9	32.8	8.93	4.5	33.2	9.47	3.6	31.0

See footnotes at end of table.

Table 6. Occupations¹ and levels,² Middle Atlantic: Mean hourly earnings³ and weekly hours, private industry and State and local government, National Compensation Survey,⁴ 1998—Continued

Occupations and levels	Total			Private industry			State and local government		
	Hourly earnings		Mean weekly hours	Hourly earnings		Mean weekly hours	Hourly earnings		Mean weekly hours
	Mean	Relative error ⁵ (percent)		Mean	Relative error ⁵ (percent)		Mean	Relative error ⁵ (percent)	
White collar—Continued									
Administrative support, including clerical—Continued									
General office clerks—Continued									
3	\$10.58	2.7	34.9	\$10.52	3.3	34.8	\$10.77	4.5	34.9
4	13.33	4.0	36.9	13.47	4.8	37.2	12.81	2.3	36.0
5	14.39	3.3	37.5	14.42	4.1	38.8	14.37	4.9	36.6
6	16.72	4.3	38.9	16.79	5.4	39.5	—	—	—
7	19.32	5.1	37.2	19.51	5.4	37.4	—	—	—
Not able to be leveled	15.41	7.5	35.7	13.09	23.9	38.1	—	—	—
Bank tellers	9.67	1.6	34.4	9.67	1.6	34.4	—	—	—
3	9.16	1.3	34.4	9.16	1.3	34.4	—	—	—
4	10.30	2.6	33.5	10.30	2.6	33.5	—	—	—
Proofreaders	11.97	12.3	36.7	11.97	12.3	36.7	—	—	—
Data entry keyers	10.54	2.6	37.4	10.16	3.8	36.9	12.02	4.3	39.6
2	9.88	4.4	36.3	9.37	4.1	35.6	—	—	—
3	9.67	4.8	38.0	9.50	6.2	37.9	—	—	—
4	11.78	4.2	37.4	11.78	5.5	37.1	—	—	—
5	13.89	6.5	39.4	14.83	10.1	38.8	—	—	—
Statistical clerks	12.02	6.7	36.4	11.96	6.9	36.4	—	—	—
4	11.69	8.5	36.9	11.69	8.5	36.9	—	—	—
Teachers' aides	10.97	6.2	28.2	8.47	4.7	35.7	11.60	5.9	26.8
2	8.62	2.9	22.0	9.15	8.8	35.1	8.52	3.0	20.7
3	8.89	4.2	31.0	—	—	—	8.98	4.2	30.7
4	10.22	6.4	30.5	—	—	—	11.52	5.7	28.0
5	15.27	3.5	27.3	—	—	—	—	—	—
6	14.79	10.7	35.0	—	—	—	—	—	—
Administrative support, n.e.c.	13.36	4.1	34.7	13.47	5.0	35.0	12.96	4.8	33.4
1	6.44	6.9	21.7	6.35	8.1	21.5	—	—	—
2	9.79	12.8	29.5	9.98	14.4	30.2	—	—	—
3	10.68	4.1	32.4	10.54	3.5	34.4	11.55	19.6	23.6
4	12.51	3.9	36.3	12.44	4.4	36.5	12.89	5.7	34.9
5	13.16	5.2	38.7	13.77	5.5	38.3	—	—	—
6	15.94	6.7	36.8	16.11	6.8	36.9	—	—	—
7	18.27	7.1	38.0	18.39	7.3	38.2	—	—	—
Not able to be leveled	14.80	4.5	35.0	15.23	9.5	34.9	—	—	—
Blue collar	13.85	1.6	38.3	13.52	1.7	38.3	16.68	2.7	37.7
1	8.46	4.2	35.1	8.28	4.6	35.1	12.15	7.4	33.9
2	9.29	2.3	37.4	9.11	2.4	37.4	12.83	4.3	36.6
3	11.89	2.5	37.9	11.71	2.6	38.1	13.86	9.2	35.3
4	13.13	2.4	38.6	12.80	2.5	38.9	15.94	3.3	36.3
5	14.82	1.6	39.5	14.71	1.7	39.6	15.55	1.9	38.9
6	16.07	2.3	39.3	15.77	2.5	39.3	18.16	3.1	39.3
7	19.69	1.5	39.6	19.77	1.6	39.6	19.27	4.2	39.6
8	21.38	2.2	39.9	20.86	2.1	40.0	23.73	4.3	39.1
9	24.35	2.8	39.6	24.27	2.8	39.6	25.26	15.3	38.9
Not able to be leveled	15.66	10.4	38.2	16.01	10.7	38.3	—	—	—
Precision production, craft, and repair	18.33	1.6	39.4	18.29	1.8	39.4	18.58	3.8	39.4
1	6.91	2.3	34.1	6.91	2.3	34.1	—	—	—
2	9.29	9.3	38.8	9.17	10.2	38.7	—	—	—
3	10.70	3.2	39.4	10.50	3.2	39.3	—	—	—
4	12.87	4.0	39.6	12.67	4.2	39.8	14.41	7.2	38.3
5	15.12	2.5	39.3	15.13	2.8	39.4	15.01	4.3	38.8
6	15.93	3.5	39.2	15.70	3.9	39.2	17.54	5.1	39.1
7	20.27	1.6	39.6	20.51	1.7	39.5	19.15	4.8	39.8
8	21.50	2.5	39.8	20.93	2.4	40.0	24.19	4.4	38.9
9	24.39	3.2	39.5	24.30	3.2	39.5	25.35	15.7	38.9
Not able to be leveled	20.81	9.4	38.9	21.03	9.5	39.1	—	—	—
Supervisors, mechanics and repairers	23.68	5.1	39.7	24.29	5.4	39.7	—	—	—
7	22.27	7.5	36.1	22.27	7.5	36.1	—	—	—

See footnotes at end of table.

Table 6. Occupations¹ and levels,² Middle Atlantic: Mean hourly earnings³ and weekly hours, private industry and State and local government, National Compensation Survey,⁴ 1998—Continued

Occupations and levels	Total			Private industry			State and local government		
	Hourly earnings		Mean weekly hours	Hourly earnings		Mean weekly hours	Hourly earnings		Mean weekly hours
	Mean	Relative error ⁵ (percent)		Mean	Relative error ⁵ (percent)		Mean	Relative error ⁵ (percent)	
Blue collar —Continued									
Precision production, craft, and repair —Continued									
Supervisors, mechanics and repairers—Continued									
8	\$21.59	9.5	41.4	—	—	—	—	—	—
9	25.40	7.1	40.0	\$25.40	7.1	40.0	—	—	—
Automobile mechanics	19.33	6.6	40.0	16.51	3.5	40.3	\$21.78	5.8	39.7
5	14.10	2.9	40.0	14.03	3.1	40.0	—	—	—
6	16.27	5.0	38.9	—	—	—	17.99	5.4	37.7
7	20.87	6.0	40.2	18.27	4.2	40.6	22.28	5.5	40.0
Bus, truck, and stationary engine mechanics	16.80	2.6	40.0	16.70	3.3	40.0	17.02	4.2	40.0
5	13.60	4.8	40.0	12.75	3.6	40.0	—	—	—
6	15.00	8.4	40.0	—	—	—	—	—	—
7	17.59	2.5	40.0	17.62	3.3	40.0	17.52	3.7	40.0
Automobile body and related repairers	13.60	1.6	40.2	13.60	1.6	40.2	—	—	—
Aircraft mechanics, except engine	19.46	5.8	40.0	19.46	5.8	40.0	—	—	—
Heavy equipment mechanics	17.44	12.0	40.0	17.62	15.0	40.0	—	—	—
7	19.26	8.1	40.0	21.53	7.5	40.0	—	—	—
Industrial machinery repairers	15.40	7.3	39.9	15.40	7.3	39.9	—	—	—
5	13.11	11.5	39.9	13.11	11.5	39.9	—	—	—
6	14.64	1.2	40.0	14.64	1.2	40.0	—	—	—
7	17.97	2.2	40.0	17.97	2.2	40.0	—	—	—
8	17.57	3.9	40.0	17.57	3.9	40.0	—	—	—
Machinery maintenance	17.40	4.3	40.1	17.40	4.3	40.1	—	—	—
5	16.34	6.3	40.3	16.34	6.3	40.3	—	—	—
Electronic repairers, communications and industrial equipment	21.99	5.2	38.8	22.03	5.3	38.8	—	—	—
5	16.18	15.2	37.1	16.18	15.2	37.1	—	—	—
Household appliance and power tool repairers	20.45	6.5	40.0	20.45	6.5	40.0	—	—	—
Telephone installers and repairers	17.78	3.5	40.0	17.78	3.5	40.0	—	—	—
7	18.68	3.6	40.0	18.68	3.6	40.0	—	—	—
Heating, air conditioning, and refrigeration mechanics	19.84	4.0	39.9	20.52	3.8	40.0	17.24	12.9	39.5
7	20.63	5.2	39.9	21.90	2.9	40.0	—	—	—
Mechanical controls and valve repairers	23.76	4.4	40.0	24.62	4.1	40.0	—	—	—
Millwrights	17.47	8.1	40.0	17.47	8.1	40.0	—	—	—
Mechanics and repairers, n.e.c.	17.88	2.4	39.3	18.77	2.6	39.3	15.56	4.7	39.2
4	13.79	4.3	38.2	13.82	7.1	40.0	—	—	—
5	17.08	5.2	39.3	18.10	6.2	39.4	14.66	2.6	39.1
6	17.72	3.1	39.8	17.79	3.6	39.8	17.50	7.0	39.6
7	18.18	3.4	39.1	18.69	4.0	38.9	17.05	6.7	39.7
Supervisors, electricians and power transmission installers	30.48	8.7	39.2	29.55	9.4	39.1	—	—	—
7	27.57	13.1	39.6	27.57	13.1	39.6	—	—	—
9	34.74	3.4	38.6	—	—	—	—	—	—
Supervisors, construction trades, n.e.c.	20.88	8.0	39.6	20.97	10.3	39.7	20.80	12.5	39.6
7	15.83	2.4	39.6	—	—	—	—	—	—
Carpenters	18.33	5.4	38.9	18.53	5.6	39.4	17.52	14.6	37.3
7	19.21	4.8	40.0	19.63	4.8	40.0	—	—	—
Electricians	20.48	5.3	39.5	21.38	5.6	39.5	16.54	4.9	39.6
5	16.10	3.3	39.9	16.31	3.4	40.0	—	—	—
7	21.01	6.0	39.5	21.99	6.3	39.4	16.54	2.1	39.9
Electrician apprentices	17.02	12.6	39.9	17.00	17.8	39.8	—	—	—
Electrical power installers and repairers	25.11	2.7	40.0	25.70	1.9	40.0	—	—	—
7	24.59	2.7	40.0	25.35	.9	40.0	—	—	—
Painters, construction and maintenance	20.03	10.5	37.7	20.48	11.1	38.0	—	—	—
Plumbers, pipefitters and steamfitters	21.34	3.9	39.5	23.15	3.7	39.7	18.40	6.0	39.1
7	20.85	4.4	40.0	22.98	3.0	39.9	16.88	1.9	40.0
Construction trades, n.e.c.	15.87	6.1	39.3	17.32	7.1	39.2	13.30	4.3	39.7
5	13.34	5.5	38.4	—	—	—	—	—	—
7	18.89	7.4	39.8	19.62	7.9	39.8	—	—	—
Supervisors, production	19.68	2.6	40.2	19.67	2.6	40.2	—	—	—

See footnotes at end of table.

Table 6. Occupations¹ and levels,² Middle Atlantic: Mean hourly earnings³ and weekly hours, private industry and State and local government, National Compensation Survey,⁴ 1998—Continued

Occupations and levels	Total			Private industry			State and local government		
	Hourly earnings		Mean weekly hours	Hourly earnings		Mean weekly hours	Hourly earnings		Mean weekly hours
	Mean	Relative error ⁵ (percent)		Mean	Relative error ⁵ (percent)		Mean	Relative error ⁵ (percent)	
Blue collar—Continued									
Precision production, craft, and repair—Continued									
Supervisors, production—Continued									
6	\$15.88	3.1	38.7	\$15.88	3.1	38.7	—	—	—
7	18.41	5.0	41.0	18.41	5.0	41.0	—	—	—
8	21.62	2.8	40.1	21.62	2.8	40.1	—	—	—
9	21.73	3.9	39.7	21.71	4.0	39.7	—	—	—
Tool and die makers	19.26	2.2	40.0	19.26	2.2	40.0	—	—	—
7	19.28	2.5	40.0	19.28	2.5	40.0	—	—	—
Precision assemblers, metal	16.97	6.3	40.0	16.97	6.3	40.0	—	—	—
Machinists	17.01	3.9	40.0	16.40	3.4	40.0	—	—	—
5	15.27	7.5	40.0	15.27	7.5	40.0	—	—	—
7	17.69	2.8	40.0	17.48	2.4	40.0	—	—	—
Patternmakers and modelmakers, metal	23.31	3.3	40.0	23.31	3.3	40.0	—	—	—
Sheet metal workers	15.19	14.2	40.0	15.19	14.2	40.0	—	—	—
Electrical and electronic equipment assemblers	11.28	4.4	39.6	11.28	4.4	39.6	—	—	—
2	8.29	1.4	38.9	8.29	1.4	38.9	—	—	—
3	9.80	4.8	40.0	9.80	4.8	40.0	—	—	—
4	11.94	9.7	40.0	11.94	9.7	40.0	—	—	—
5	13.07	7.4	40.0	13.07	7.4	40.0	—	—	—
6	13.21	9.9	40.0	13.21	9.9	40.0	—	—	—
7	15.21	3.8	39.2	15.21	3.8	39.2	—	—	—
Miscellaneous precision workers, n.e.c.	19.10	8.0	40.0	19.10	8.0	40.0	—	—	—
7	22.85	3.9	40.0	22.85	3.9	40.0	—	—	—
Butchers and meat cutters	14.18	5.9	38.5	14.18	5.9	38.5	—	—	—
5	11.47	8.6	37.9	11.47	8.6	37.9	—	—	—
Bakers	11.01	12.7	36.5	11.08	13.2	36.4	—	—	—
Inspectors, testers, and graders	18.84	5.5	40.0	18.56	7.2	40.0	—	—	—
7	20.53	1.6	40.0	20.10	3.6	40.0	—	—	—
Water and sewer treatment plant operators	15.95	4.4	40.0	—	—	—	\$16.78	2.1	40.0
Stationary engineers	18.78	4.3	38.5	19.93	5.3	38.0	16.69	3.5	39.7
5	16.04	6.6	40.0	—	—	—	—	—	—
7	21.25	5.6	38.5	22.62	4.7	38.2	—	—	—
Miscellaneous plant and system operators, n.e.c.	19.84	6.7	41.3	19.94	6.7	41.3	—	—	—
Machine operators, assemblers, and inspectors	11.84	1.7	39.6	11.81	1.7	39.7	14.74	7.6	35.3
1	7.72	3.3	38.7	7.69	3.3	39.0	—	—	—
2	8.51	4.6	39.5	8.50	4.6	39.5	—	—	—
3	11.31	3.5	39.7	11.31	3.5	39.7	—	—	—
4	11.66	3.4	39.8	11.64	3.4	39.8	—	—	—
5	13.83	2.0	39.8	13.83	2.1	39.8	—	—	—
6	15.45	2.4	39.9	15.45	2.4	39.9	—	—	—
7	16.88	2.1	39.8	16.81	2.1	39.8	—	—	—
8	19.68	2.7	40.0	19.68	2.7	40.0	—	—	—
Lathe and turning machine operators	14.50	7.6	39.3	14.50	7.6	39.3	—	—	—
Punching and stamping press operators	12.13	9.5	40.0	12.13	9.5	40.0	—	—	—
4	15.52	10.2	40.0	15.52	10.2	40.0	—	—	—
5	13.69	3.7	40.0	13.69	3.7	40.0	—	—	—
Rolling machine operators	17.52	6.0	40.0	17.52	6.0	40.0	—	—	—
Drilling and boring machine operators	14.76	7.0	40.0	14.76	7.0	40.0	—	—	—
Grinding, abrading, buffing, and polishing machine operators	13.25	4.1	40.0	13.25	4.1	40.0	—	—	—
3	9.93	7.9	40.0	9.93	7.9	40.0	—	—	—
4	15.36	7.3	40.0	15.36	7.3	40.0	—	—	—
Numerical control machine operators	13.20	6.3	40.0	13.20	6.3	40.0	—	—	—
5	16.77	5.4	40.0	16.77	5.4	40.0	—	—	—
Fabricating machine operators, n.e.c.	14.14	5.2	40.0	14.14	5.2	40.0	—	—	—
3	14.41	16.7	40.0	14.41	16.7	40.0	—	—	—
4	15.18	4.9	40.0	15.18	4.9	40.0	—	—	—
5	14.25	3.4	40.0	14.25	3.4	40.0	—	—	—
7	17.41	3.4	40.0	17.41	3.4	40.0	—	—	—

See footnotes at end of table.

Table 6. Occupations ¹ and levels,² Middle Atlantic: Mean hourly earnings³ and weekly hours, private industry and State and local government, National Compensation Survey,⁴ 1998–Continued

Occupations and levels	Total			Private industry			State and local government		
	Hourly earnings		Mean weekly hours	Hourly earnings		Mean weekly hours	Hourly earnings		Mean weekly hours
	Mean	Relative error ⁵ (percent)		Mean	Relative error ⁵ (percent)		Mean	Relative error ⁵ (percent)	
Blue collar –Continued									
Machine operators, assemblers, and inspectors									
–Continued									
Molding and casting machine operators	\$10.19	9.7	39.9	\$10.19	9.7	39.9	–	–	–
4	13.35	10.0	40.0	13.35	10.0	40.0	–	–	–
5	12.49	7.5	40.0	12.49	7.5	40.0	–	–	–
Metal plating machine operators	12.45	3.5	40.0	12.45	3.5	40.0	–	–	–
4	13.44	2.1	40.0	13.44	2.1	40.0	–	–	–
Heat treating equipment operators	16.16	6.2	39.7	16.16	6.2	39.7	–	–	–
Printing press operators	15.79	4.9	39.7	16.01	5.1	39.6	–	–	–
5	14.33	2.7	39.9	–	–	–	–	–	–
7	18.07	7.6	39.5	18.07	7.6	39.5	–	–	–
Photoengravers and lithographers	13.20	6.6	36.6	13.20	6.6	36.6	–	–	–
5	14.50	9.3	38.4	14.50	9.3	38.4	–	–	–
Typesetters and compositors	16.65	9.9	33.3	15.35	11.1	31.9	–	–	–
Winding and twisting machine operators	10.63	6.3	38.9	10.63	6.3	38.9	–	–	–
Knitting, looping, taping, and weaving machine operators	10.60	7.2	40.0	10.60	7.2	40.0	–	–	–
Textile cutting machine operators	7.87	7.2	40.0	7.87	7.2	40.0	–	–	–
Textile sewing machine operators	7.53	3.8	39.6	7.52	3.9	39.6	–	–	–
2	7.48	5.8	39.5	7.48	5.8	39.5	–	–	–
3	7.34	5.2	39.9	7.34	5.2	39.9	–	–	–
Pressing machine operators	8.11	17.4	36.2	8.11	17.4	36.2	–	–	–
Laundry and dry cleaning machine operators	9.75	4.7	35.0	9.55	5.2	36.0	\$11.56	5.9	27.8
1	9.26	6.6	35.4	9.10	7.2	36.9	–	–	–
2	9.62	7.5	35.4	9.38	9.6	36.2	–	–	–
3	11.14	12.9	37.9	11.14	12.9	37.9	–	–	–
Packaging and filling machine operators	10.20	9.6	40.0	10.20	9.6	40.0	–	–	–
2	9.01	16.8	40.0	9.01	16.8	40.0	–	–	–
3	10.49	6.9	40.0	10.49	6.9	40.0	–	–	–
5	16.52	15.1	40.0	16.52	15.1	40.0	–	–	–
Extruding and forming machine operators	11.22	7.1	40.0	11.22	7.1	40.0	–	–	–
3	12.10	6.8	40.0	12.10	6.8	40.0	–	–	–
Mixing and blending machine operators	14.04	4.5	40.0	14.04	4.5	40.0	–	–	–
3	11.57	7.0	40.0	11.57	7.0	40.0	–	–	–
4	13.32	7.0	40.0	13.32	7.0	40.0	–	–	–
5	15.22	4.0	40.0	15.22	4.0	40.0	–	–	–
6	17.48	12.8	40.1	17.48	12.8	40.1	–	–	–
Separating, filtering, and clarifying machine operators	14.25	5.0	38.7	14.25	5.0	38.7	–	–	–
4	11.46	2.7	36.8	11.46	2.7	36.8	–	–	–
Painting and paint spraying machine operators	13.52	5.4	40.0	13.52	5.4	40.0	–	–	–
4	11.95	7.0	40.0	11.95	7.0	40.0	–	–	–
Folding machine operators	10.92	7.8	39.2	10.92	7.8	39.2	–	–	–
Furnace, kiln, and oven operators, except food	12.63	4.2	39.3	12.18	4.0	39.2	–	–	–
4	11.34	1.1	40.0	11.34	1.1	40.0	–	–	–
5	12.81	5.9	38.9	12.24	6.1	38.6	–	–	–
Crushing and grinding machine operators	15.22	6.1	39.1	15.22	6.1	39.1	–	–	–
Slicing and cutting machine operators	12.42	3.3	40.0	12.42	3.3	40.0	–	–	–
3	9.76	6.2	40.0	9.76	6.2	40.0	–	–	–
4	12.83	3.9	40.0	12.83	3.9	40.0	–	–	–
5	13.41	6.5	40.0	13.41	6.5	40.0	–	–	–
Photographic process machine operators	10.61	3.9	39.7	10.61	3.9	39.7	–	–	–
Miscellaneous machine operators, n.e.c.	13.39	2.2	39.9	13.38	2.2	39.9	–	–	–
1	7.06	3.3	39.2	7.06	3.3	39.2	–	–	–
2	9.26	3.8	39.7	9.26	3.8	39.7	–	–	–
3	11.67	8.4	40.0	11.67	8.4	40.0	–	–	–
4	12.77	4.2	40.0	12.72	4.2	40.0	–	–	–
5	14.86	2.5	39.7	14.86	2.5	39.7	–	–	–
6	17.01	2.4	40.0	17.01	2.4	40.0	–	–	–
Welders and cutters	16.24	4.8	40.0	16.24	4.8	40.0	–	–	–
4	12.10	6.6	40.0	12.10	6.6	40.0	–	–	–

See footnotes at end of table.

Table 6. Occupations¹ and levels,² Middle Atlantic: Mean hourly earnings³ and weekly hours, private industry and State and local government, National Compensation Survey,⁴ 1998—Continued

Occupations and levels	Total			Private industry			State and local government		
	Hourly earnings		Mean weekly hours	Hourly earnings		Mean weekly hours	Hourly earnings		Mean weekly hours
	Mean	Relative error ⁵ (percent)		Mean	Relative error ⁵ (percent)		Mean	Relative error ⁵ (percent)	
Blue collar—Continued									
Machine operators, assemblers, and inspectors—Continued									
Welders and cutters—Continued									
5	\$13.42	5.4	40.0	\$13.42	5.4	40.0	—	—	—
6	17.32	9.5	40.0	17.32	9.5	40.0	—	—	—
7	19.17	2.8	40.0	19.17	2.8	40.0	—	—	—
Solders and braziers	10.19	5.1	40.0	10.19	5.1	40.0	—	—	—
Assemblers	9.97	6.2	39.5	9.97	6.2	39.5	—	—	—
1	7.19	4.1	38.4	7.19	4.1	38.4	—	—	—
2	7.42	7.1	39.8	7.42	7.1	39.8	—	—	—
3	13.30	4.1	39.5	13.30	4.1	39.5	—	—	—
4	11.82	2.8	40.0	11.82	2.8	40.0	—	—	—
5	12.60	6.2	39.7	12.60	6.2	39.7	—	—	—
Hand painting, coating, and decorating	12.55	18.4	40.0	12.55	18.4	40.0	—	—	—
Miscellaneous hand working, n.e.c.	11.31	6.0	40.0	11.31	6.0	40.0	—	—	—
2	8.97	12.4	40.0	8.97	12.4	40.0	—	—	—
4	14.70	10.5	40.0	14.70	10.5	40.0	—	—	—
Production inspectors, checkers and examiners	11.85	4.7	39.9	11.85	4.7	39.9	—	—	—
1	9.68	9.6	40.0	9.68	9.6	40.0	—	—	—
2	9.56	9.0	40.0	9.56	9.0	40.0	—	—	—
3	11.89	5.4	39.6	11.89	5.4	39.6	—	—	—
4	11.02	4.6	39.8	11.02	4.6	39.8	—	—	—
5	14.60	3.7	40.0	14.60	3.7	40.0	—	—	—
6	13.32	3.2	39.8	13.32	3.2	39.8	—	—	—
7	16.27	6.7	40.0	16.27	6.7	40.0	—	—	—
Production testers	12.55	3.1	40.0	12.55	3.1	40.0	—	—	—
Transportation and material moving	14.72	2.2	36.2	14.22	2.6	36.3	\$16.37	4.0	35.7
1	7.22	4.1	30.5	7.07	4.0	30.8	—	—	—
2	9.37	6.6	29.8	8.52	6.2	29.4	14.28	8.3	32.3
3	12.93	5.6	34.5	12.44	6.3	34.8	14.11	12.9	33.8
4	15.28	3.0	36.0	15.04	3.6	36.7	16.37	4.4	33.2
5	15.77	2.2	39.8	15.62	2.9	40.3	16.18	1.4	38.5
6	16.98	4.4	38.9	16.19	6.3	38.7	19.07	2.8	39.7
7	19.85	4.7	39.1	19.72	6.5	39.5	20.04	6.1	38.5
8	21.78	1.0	40.0	—	—	—	—	—	—
Supervisors, motor vehicle operators	18.83	3.4	40.0	16.84	5.7	40.0	21.15	1.1	40.0
7	19.66	3.1	40.0	—	—	—	—	—	—
Truck drivers	14.98	2.8	38.3	14.81	3.0	38.2	16.81	7.7	39.7
2	9.52	11.1	38.5	8.00	5.4	38.5	14.53	5.7	38.6
3	14.12	8.3	38.2	13.01	9.3	37.8	18.92	7.8	40.0
4	15.98	3.9	37.9	16.05	3.9	37.8	—	—	—
5	15.81	2.9	39.8	15.84	3.1	39.9	15.52	5.6	39.5
6	15.05	4.8	37.0	14.91	4.7	36.9	—	—	—
Driver-sales workers	17.99	4.2	40.3	17.99	4.2	40.3	—	—	—
5	18.82	4.1	43.1	18.82	4.1	43.1	—	—	—
6	16.95	7.8	40.0	16.95	7.8	40.0	—	—	—
Bus drivers	14.26	3.9	30.4	11.94	4.8	29.1	16.47	1.9	31.8
2	10.20	4.0	25.8	10.12	5.0	26.9	10.58	9.4	21.6
3	11.80	6.2	24.1	10.81	6.1	25.1	14.05	1.6	22.0
4	15.03	6.0	31.9	13.07	8.0	32.0	17.38	2.2	31.7
5	16.41	2.1	38.0	—	—	—	16.64	1.9	37.9
Taxicab drivers and chauffeurs	10.24	11.5	31.5	9.80	11.9	32.2	—	—	—
Parking lot attendants									
1	7.11	16.8	24.6	7.11	16.8	24.6	—	—	—
Motor transportation, n.e.c.	12.33	8.9	36.7	11.25	11.8	35.6	14.43	10.2	39.1
2	10.42	16.8	35.3	8.22	8.7	34.5	—	—	—
Locomotive operating	19.06	5.5	40.0	—	—	—	—	—	—
Supervisors, material moving equipment	18.91	5.1	39.2	19.21	7.8	40.0	—	—	—
Operating engineers	17.96	9.3	40.0	—	—	—	—	—	—
Crane and tower operators	17.20	12.7	40.0	17.20	12.7	40.0	—	—	—

See footnotes at end of table.

Table 6. Occupations¹ and levels,² Middle Atlantic: Mean hourly earnings³ and weekly hours, private industry and State and local government, National Compensation Survey,⁴ 1998—Continued

Occupations and levels	Total			Private industry			State and local government		
	Hourly earnings		Mean weekly hours	Hourly earnings		Mean weekly hours	Hourly earnings		Mean weekly hours
	Mean	Relative error ⁵ (percent)		Mean	Relative error ⁵ (percent)		Mean	Relative error ⁵ (percent)	
Blue collar—Continued									
Transportation and material moving—Continued									
Crane and tower operators—Continued									
4	\$14.48	11.9	40.0	\$14.48	11.9	40.0	—	—	—
5	15.71	3.4	40.1	15.71	3.4	40.1	—	—	—
Excavating and loading machine operators									
4	14.26	6.7	40.4	14.37	6.9	40.4	—	—	—
5	13.15	7.5	41.6	13.81	10.3	42.5	—	—	—
5	13.81	9.0	40.3	13.81	9.0	40.3	—	—	—
Grader, dozer, and scrapper operators									
5	19.05	11.3	40.1	12.60	10.6	42.9	—	—	—
5	12.65	9.2	42.4	—	—	—	—	—	—
Industrial truck and tractor equipment operators									
2	12.31	3.3	39.8	12.31	3.3	39.8	—	—	—
2	10.71	5.4	40.0	10.71	5.4	40.0	—	—	—
3	11.46	6.8	40.0	11.46	6.8	40.0	—	—	—
4	12.91	3.1	39.5	12.91	3.1	39.5	—	—	—
5	13.41	7.8	40.0	13.41	7.8	40.0	—	—	—
Miscellaneous material moving equipment operators, n.e.c.									
4	15.63	3.3	37.8	15.87	4.2	37.4	\$15.32	4.7	38.4
4	14.36	8.1	37.8	15.77	6.0	37.8	—	—	—
5	16.27	2.9	39.0	16.60	5.7	40.0	15.97	1.5	38.0
Handlers, equipment cleaners, helpers, and laborers									
.....	10.93	2.6	36.6	10.56	2.6	36.4	14.22	4.2	38.5
1	8.71	4.7	34.4	8.50	5.3	34.4	12.19	7.7	34.9
2	10.05	3.7	37.5	9.88	4.1	37.4	12.37	4.1	39.5
3	12.22	3.9	37.6	12.14	4.1	37.5	13.58	6.1	39.7
4	13.87	4.5	39.4	13.13	4.2	39.3	15.80	5.5	39.6
5	15.43	5.0	38.4	15.50	6.1	37.9	15.21	7.0	39.9
6	17.36	7.5	40.0	17.86	8.5	40.6	—	—	—
7	18.03	3.5	40.0	17.73	4.0	40.0	—	—	—
Not able to be leveled	10.30	14.3	37.9	10.83	14.3	37.9	—	—	—
Groundskeepers and gardeners, except farm ...									
1	11.66	4.6	36.7	10.80	5.0	36.3	13.18	6.8	37.5
1	9.48	21.1	29.9	—	—	—	10.28	21.8	33.3
2	10.08	10.1	39.2	9.36	13.0	39.0	—	—	—
4	13.76	11.1	39.3	12.13	8.0	39.1	—	—	—
5	11.73	3.2	35.5	11.67	4.2	34.1	—	—	—
Supervisors, handlers, equipment cleaners, and laborers, n.e.c.									
.....	16.79	5.9	39.5	16.44	6.7	39.4	17.97	12.5	39.9
7	18.65	3.3	40.0	18.57	3.6	40.0	—	—	—
Helpers, mechanics and repairers									
.....	11.78	7.0	37.4	9.41	5.1	35.8	13.65	4.3	38.8
Helpers, construction trades									
.....	13.46	16.5	39.5	13.39	18.6	39.4	—	—	—
Construction laborers									
.....	12.63	4.3	39.0	12.80	5.7	39.4	12.41	6.5	38.5
1	10.33	9.1	37.6	10.54	11.2	38.5	—	—	—
2	11.61	6.7	39.0	—	—	—	12.39	3.8	38.5
3	13.01	7.2	40.0	—	—	—	—	—	—
Production helpers									
.....	10.52	4.6	38.5	10.50	4.6	38.5	—	—	—
1	8.32	10.8	36.7	8.32	10.8	36.7	—	—	—
2	9.74	8.2	39.8	9.74	8.2	39.8	—	—	—
3	10.92	4.8	39.9	10.90	4.7	39.9	—	—	—
4	12.55	7.6	37.8	12.48	7.8	37.8	—	—	—
5	14.79	3.7	40.0	14.79	3.7	40.0	—	—	—
Garbage collectors									
.....	16.57	5.3	39.9	—	—	—	17.20	2.6	39.9
Stock handlers and baggers									
.....	9.58	4.8	30.3	9.58	4.8	30.3	—	—	—
1	7.68	9.2	23.7	7.68	9.2	23.7	—	—	—
2	8.56	4.9	33.1	8.56	4.9	33.1	—	—	—
3	11.73	9.8	35.9	11.73	9.8	35.9	—	—	—
4	13.46	5.4	39.8	13.46	5.4	39.8	—	—	—
5	14.40	6.8	40.0	14.40	6.8	40.0	—	—	—
Machine feeders and offbearers									
.....	9.60	4.7	39.3	9.60	4.7	39.3	—	—	—
1	7.78	8.3	40.0	7.78	8.3	40.0	—	—	—
2	9.11	9.5	39.7	9.11	9.5	39.7	—	—	—
3	11.52	1.1	38.1	11.52	1.1	38.1	—	—	—

See footnotes at end of table.

Table 6. Occupations ¹ and levels,² Middle Atlantic: Mean hourly earnings³ and weekly hours, private industry and State and local government, National Compensation Survey,⁴ 1998—Continued

Occupations and levels	Total			Private industry			State and local government		
	Hourly earnings		Mean weekly hours	Hourly earnings		Mean weekly hours	Hourly earnings		Mean weekly hours
	Mean	Relative error ⁵ (percent)		Mean	Relative error ⁵ (percent)		Mean	Relative error ⁵ (percent)	
Blue collar—Continued									
Handlers, equipment cleaners, helpers, and laborers—Continued									
Freight, stock, and material handlers, n.e.c.	\$12.10	4.1	36.3	\$12.10	4.1	36.3	—	—	—
1	8.71	7.1	34.9	8.71	7.1	34.9	—	—	—
2	12.37	6.4	37.2	12.37	6.4	37.2	—	—	—
3	12.90	5.2	35.3	12.90	5.2	35.3	—	—	—
4	15.48	7.5	38.9	15.48	7.5	38.9	—	—	—
5	14.37	6.6	38.4	14.37	6.6	38.4	—	—	—
Vehicle washers and equipment cleaners	10.30	8.3	35.2	9.99	8.8	34.8	—	—	—
1	6.16	3.0	30.0	6.16	3.0	30.0	—	—	—
2	9.42	7.7	38.4	9.42	7.7	38.4	—	—	—
3	14.03	6.1	39.4	14.03	6.1	39.4	—	—	—
Hand packers and packagers	9.57	5.4	39.3	9.57	5.4	39.3	—	—	—
1	8.19	5.7	39.2	8.18	5.7	39.2	—	—	—
2	8.52	3.3	39.3	8.52	3.3	39.3	—	—	—
3	12.70	13.6	39.3	12.70	13.6	39.3	—	—	—
4	13.37	5.8	40.0	13.37	5.8	40.0	—	—	—
Laborers, except construction, n.e.c.	10.41	2.9	39.0	10.08	3.1	39.3	\$12.97	4.0	37.3
1	9.44	4.7	38.7	9.19	6.2	39.2	12.31	7.1	33.9
2	10.52	7.7	39.4	10.35	9.0	39.3	11.79	7.6	40.0
3	12.50	3.8	39.6	12.22	3.7	39.6	—	—	—
4	12.82	4.6	40.0	12.42	5.2	40.0	13.80	5.7	39.9
5	15.86	5.5	39.0	—	—	—	—	—	—
Service	11.67	2.4	32.8	9.13	2.3	31.3	16.77	2.8	36.2
1	8.11	4.6	28.2	7.82	5.4	28.0	10.03	4.3	29.6
2	8.08	1.8	30.4	7.65	1.9	30.8	10.29	2.3	28.8
3	9.10	2.0	32.9	8.30	1.9	32.3	11.68	2.9	35.2
4	10.79	2.5	34.2	10.10	2.6	34.1	13.24	3.3	34.2
5	15.00	5.8	35.1	15.13	10.3	32.7	14.84	2.5	38.3
6	16.87	2.9	38.3	13.96	3.2	35.7	18.21	2.5	39.7
7	21.03	4.4	38.2	18.48	17.9	32.2	21.66	3.8	40.0
8	20.68	3.4	39.4	20.81	3.4	36.9	20.66	3.7	39.7
9	25.56	4.0	40.4	—	—	—	25.66	4.2	40.4
10	26.65	4.7	40.1	—	—	—	26.29	4.6	40.1
Not able to be leveled	18.11	17.5	36.4	13.99	15.3	36.9	21.29	19.1	36.0
Protective service	17.80	3.5	37.2	9.99	6.0	34.4	21.22	2.4	38.6
1	7.20	10.1	29.1	6.67	9.1	33.8	8.68	14.1	21.1
2	8.32	5.2	27.2	8.04	4.8	28.0	10.39	4.7	22.5
3	8.65	4.9	33.5	8.27	4.8	34.5	12.08	7.5	26.9
4	12.95	5.4	33.2	11.26	4.5	36.8	15.88	5.4	28.3
5	15.21	4.3	39.0	13.45	8.3	37.6	16.11	3.9	39.7
6	18.43	2.4	40.2	16.71	5.9	34.6	18.54	2.5	40.7
7	22.39	3.6	40.0	18.09	9.5	40.0	22.76	3.8	40.0
8	20.72	3.6	39.7	21.19	3.6	40.0	20.69	3.8	39.7
9	25.69	4.2	40.4	—	—	—	25.69	4.2	40.4
10	26.35	4.7	40.1	—	—	—	26.35	4.7	40.1
Not able to be leveled	22.91	17.0	35.5	—	—	—	—	—	—
Supervisors, firefighters and fire prevention	25.37	8.1	44.6	—	—	—	25.37	8.1	44.6
Supervisors, police and detectives	28.47	4.4	39.9	—	—	—	28.61	4.4	39.9
9	32.03	6.1	39.7	—	—	—	32.03	6.1	39.7
10	29.39	6.9	40.0	—	—	—	29.39	6.9	40.0
Supervisors, guards	18.03	5.0	39.9	16.43	5.2	39.9	—	—	—
8	20.03	4.0	40.1	—	—	—	—	—	—
Firefighting	19.89	2.4	43.2	—	—	—	19.89	2.4	43.2
7	20.11	1.3	42.0	—	—	—	20.11	1.3	42.0
Police and detectives, public service	22.79	3.6	39.6	—	—	—	22.79	3.6	39.6
6	19.43	3.5	39.7	—	—	—	19.43	3.5	39.7
7	25.51	4.4	39.2	—	—	—	25.51	4.4	39.2
8	20.12	2.6	39.9	—	—	—	20.12	2.6	39.9
9	25.22	5.0	39.9	—	—	—	25.22	5.0	39.9

See footnotes at end of table.

Table 6. Occupations¹ and levels,² Middle Atlantic: Mean hourly earnings³ and weekly hours, private industry and State and local government, National Compensation Survey,⁴ 1998—Continued

Occupations and levels	Total			Private industry			State and local government		
	Hourly earnings		Mean weekly hours	Hourly earnings		Mean weekly hours	Hourly earnings		Mean weekly hours
	Mean	Relative error ⁵ (percent)		Mean	Relative error ⁵ (percent)		Mean	Relative error ⁵ (percent)	
Service—Continued									
Protective service—Continued									
Sheriffs, bailiffs, and other law enforcement officers	\$19.23	5.7	34.3	—	—	—	\$19.23	5.7	34.3
4	16.59	6.7	28.0	—	—	—	16.59	6.7	28.0
6	18.53	2.0	38.5	—	—	—	18.53	2.0	38.5
Correctional institution officers	18.88	2.7	39.9	—	—	—	19.03	2.6	39.9
5	16.07	5.2	39.8	—	—	—	16.52	4.3	39.7
6	17.99	4.8	39.9	—	—	—	17.99	4.8	39.9
Crossing guards	9.97	7.6	20.6	—	—	—	9.97	7.6	20.6
1	9.32	15.1	19.8	—	—	—	9.32	15.1	19.8
Guards and police, except public service	9.89	6.2	35.0	\$9.66	6.7	35.1	13.33	3.2	34.8
1	7.60	7.1	29.3	7.54	7.7	30.2	—	—	—
2	8.28	5.6	31.0	8.20	5.6	31.3	—	—	—
3	8.39	4.8	35.0	8.29	4.8	35.0	12.69	4.4	32.9
4	11.64	4.6	38.7	11.44	5.0	39.1	—	—	—
5	12.89	6.4	37.6	12.92	7.7	37.3	12.78	1.7	39.3
Protective service, n.e.c.	12.36	12.8	26.7	9.64	22.7	24.5	15.00	14.4	29.3
2	6.52	7.5	15.1	6.59	8.3	14.4	—	—	—
3	11.90	9.8	24.3	—	—	—	—	—	—
Food service	7.66	2.7	28.5	7.24	2.9	28.4	10.79	3.7	29.7
1	6.11	3.2	25.6	5.95	3.3	25.7	8.60	6.3	25.3
2	6.91	4.6	28.3	6.38	4.5	28.6	10.13	3.9	26.6
3	7.55	3.6	28.4	7.24	4.0	28.0	10.02	3.9	31.5
4	9.97	4.2	34.8	9.37	4.5	34.7	12.46	6.6	35.0
5	12.04	4.9	37.7	11.98	6.2	39.2	12.26	8.3	33.3
6	14.16	11.4	38.6	11.99	10.2	39.6	—	—	—
7	15.09	6.8	41.2	—	—	—	—	—	—
Supervisors, food preparation and service	12.34	8.0	36.9	12.11	8.6	36.7	13.99	16.9	38.9
3	8.89	17.4	32.0	8.89	17.4	32.0	—	—	—
4	9.43	7.1	39.6	—	—	—	—	—	—
5	11.72	3.9	41.5	11.69	4.0	41.7	—	—	—
6	15.06	13.9	38.8	12.20	14.2	39.4	—	—	—
Bartenders	6.32	12.4	26.5	6.32	12.4	26.5	—	—	—
3	6.74	9.8	24.3	6.74	9.8	24.3	—	—	—
Waiters and waitresses	4.69	6.4	25.8	4.69	6.4	25.8	—	—	—
1	3.93	6.6	22.7	3.93	6.6	22.7	—	—	—
3	4.64	7.8	28.3	4.64	7.8	28.3	—	—	—
5	5.15	11.9	26.8	5.15	11.9	26.8	—	—	—
Cooks	9.85	3.2	35.0	9.62	3.6	35.4	11.33	3.3	32.5
2	7.02	5.4	31.3	7.02	5.4	31.3	—	—	—
3	9.06	8.4	36.4	8.91	9.5	36.5	—	—	—
4	10.09	3.3	34.7	9.91	3.7	35.1	11.50	3.6	32.1
5	11.46	6.7	35.2	11.63	9.0	37.5	—	—	—
Food counter, fountain, and related	7.20	5.7	26.8	6.98	5.8	27.7	9.35	4.9	20.4
1	6.26	5.6	29.0	6.24	5.7	29.4	—	—	—
2	7.62	9.4	25.7	7.33	10.0	26.1	—	—	—
3	8.88	5.2	22.9	8.63	6.6	24.2	—	—	—
Kitchen workers, food preparation	9.16	4.6	29.2	8.86	5.3	28.5	12.17	4.0	37.6
1	6.87	4.1	21.8	6.87	4.1	21.8	—	—	—
2	8.72	5.8	30.2	8.34	6.3	29.5	11.77	3.9	37.0
3	9.11	5.2	30.7	9.09	5.5	30.6	—	—	—
4	11.40	6.1	34.9	10.82	8.3	33.6	—	—	—
Waiters/Waitresses' assistants	5.82	7.8	26.2	5.56	7.4	25.9	—	—	—
1	5.51	8.8	26.6	5.50	8.9	26.7	—	—	—
2	8.61	12.7	31.4	7.30	11.2	29.9	—	—	—
3	4.65	18.2	20.5	4.65	18.2	20.5	—	—	—
Food preparation, n.e.c.	7.65	3.6	27.7	6.90	3.4	27.5	10.22	4.3	28.5
1	7.05	3.7	26.8	6.81	3.9	26.9	8.82	6.2	25.8
2	7.14	8.0	27.5	6.36	6.4	28.5	9.70	3.3	24.8
3	8.80	6.4	28.9	8.14	8.5	26.8	10.01	4.6	33.9
4	11.69	15.4	34.4	—	—	—	—	—	—
Health service	9.73	2.3	33.9	8.97	2.1	33.1	12.82	2.8	37.6

See footnotes at end of table.

Table 6. Occupations¹ and levels,² Middle Atlantic: Mean hourly earnings³ and weekly hours, private industry and State and local government, National Compensation Survey,⁴ 1998—Continued

Occupations and levels	Total			Private industry			State and local government		
	Hourly earnings		Mean weekly hours	Hourly earnings		Mean weekly hours	Hourly earnings		Mean weekly hours
	Mean	Relative error ⁵ (percent)		Mean	Relative error ⁵ (percent)		Mean	Relative error ⁵ (percent)	
Service—Continued									
Health service—Continued									
1	\$8.85	5.3	30.5	\$8.86	5.7	31.1	—	—	—
2	8.33	2.8	32.8	7.98	2.7	32.3	\$11.68	1.2	37.6
3	9.05	3.0	33.9	8.58	3.1	33.2	11.06	3.2	37.3
4	10.43	4.3	34.5	9.98	4.7	34.1	12.99	1.7	37.4
5	12.81	1.9	35.7	12.09	2.5	33.8	13.45	2.0	37.6
6	14.25	3.7	37.7	13.87	3.9	37.8	—	—	—
7	16.29	6.3	39.6	—	—	—	16.71	6.9	40.0
Health aides, except nursing	11.22	2.9	34.5	10.20	3.5	33.3	13.62	2.2	37.8
1	9.49	6.2	30.5	9.49	6.2	30.5	—	—	—
2	10.22	4.1	33.9	8.97	5.9	32.3	—	—	—
3	9.53	4.9	35.5	9.23	5.2	35.0	11.61	6.9	39.3
4	11.94	3.2	34.4	11.10	5.5	32.0	13.13	1.3	38.8
5	12.84	3.7	30.5	11.71	6.0	29.3	14.25	1.3	32.0
6	14.79	4.8	38.6	14.59	5.3	39.3	—	—	—
Nursing aides, orderlies and attendants	9.42	2.5	33.8	8.74	2.2	33.1	12.54	3.6	37.5
1	8.46	6.9	30.5	8.42	7.6	31.5	—	—	—
2	8.10	2.8	32.6	7.90	2.8	32.3	10.95	4.9	37.3
3	8.97	3.4	33.6	8.46	3.4	32.9	11.00	3.2	37.1
4	10.05	5.0	34.4	9.77	5.2	34.3	12.85	3.5	36.1
5	12.80	2.2	37.6	12.23	2.8	35.7	13.26	2.3	39.3
6	12.89	3.0	35.7	12.73	2.5	35.6	—	—	—
7	16.48	8.2	39.5	—	—	—	17.06	9.3	40.0
Cleaning and building service	10.74	3.2	34.4	9.93	4.6	33.1	12.57	2.6	37.9
1	9.79	6.4	31.9	9.52	7.9	31.2	11.01	4.5	35.6
2	9.77	2.9	33.1	9.32	3.1	32.3	11.57	3.9	36.7
3	11.41	3.4	37.8	9.70	4.5	36.4	12.79	4.0	39.1
4	12.27	5.1	39.4	11.32	4.4	39.2	14.01	9.0	39.8
5	13.79	4.7	39.4	12.84	6.2	39.3	15.18	4.6	39.5
6	14.02	2.0	40.0	14.02	2.1	40.0	—	—	—
7	17.72	5.3	39.5	—	—	—	—	—	—
Supervisors, cleaning and building service workers	14.27	9.1	38.8	13.25	11.5	38.6	17.35	5.4	39.5
3	11.24	24.9	38.0	—	—	—	—	—	—
5	14.88	12.5	38.5	14.74	16.1	38.5	—	—	—
Maids and housemen	10.20	5.9	35.7	10.24	6.0	35.6	9.19	4.1	36.5
1	10.52	8.4	34.6	10.60	8.4	34.4	—	—	—
2	9.83	5.0	37.3	9.85	5.1	37.4	—	—	—
3	8.79	4.0	37.0	8.67	4.3	37.5	—	—	—
4	12.36	9.2	38.4	12.36	9.2	38.4	—	—	—
Janitors and cleaners	10.59	3.6	33.8	9.50	5.8	31.8	12.47	2.6	37.9
1	9.57	7.8	31.2	9.12	10.4	30.1	11.12	4.5	35.5
2	9.76	3.5	32.0	9.12	3.7	30.6	11.65	3.9	36.8
3	11.79	3.5	37.9	9.84	4.3	35.9	12.88	4.1	39.2
4	12.04	6.4	39.6	10.93	3.9	39.6	13.77	11.2	39.7
5	13.49	4.6	39.6	12.08	3.3	39.6	15.15	7.5	39.6
6	12.65	4.8	40.0	12.65	4.8	40.0	—	—	—
Personal service	11.02	6.5	28.4	11.23	8.3	28.8	10.40	4.5	27.4
1	7.10	4.5	22.8	7.10	5.1	23.6	7.07	3.8	18.7
2	7.66	3.8	27.2	6.97	4.0	30.0	8.64	3.8	24.1
3	8.64	3.8	30.4	8.02	3.6	31.4	9.89	3.4	28.6
4	10.67	4.8	32.7	10.14	5.0	32.4	12.24	7.6	33.4
5	22.55	19.0	24.2	24.29	19.3	22.8	13.49	15.6	35.1
6	13.50	7.1	29.9	13.33	8.6	31.2	—	—	—
7	22.22	34.4	24.4	22.22	34.4	24.4	—	—	—
8	21.96	4.9	35.4	21.96	4.9	35.4	—	—	—
Supervisors, personal service	16.74	6.3	36.1	17.40	7.5	35.5	—	—	—
6	14.61	13.7	39.8	14.84	16.0	39.8	—	—	—
8	22.60	4.9	40.0	22.60	4.9	40.0	—	—	—
Hairdressers and cosmetologists	10.98	19.0	32.2	10.99	19.1	32.3	—	—	—
Attendants, amusement, and recreation facilities	7.33	5.5	27.5	7.04	4.4	28.7	7.84	10.6	25.7

See footnotes at end of table.

Table 6. Occupations ¹ and levels,² Middle Atlantic: Mean hourly earnings³ and weekly hours, private industry and State and local government, National Compensation Survey,⁴ 1998—Continued

Occupations and levels	Total			Private industry			State and local government		
	Hourly earnings		Mean weekly hours	Hourly earnings		Mean weekly hours	Hourly earnings		Mean weekly hours
	Mean	Relative error ⁵ (percent)		Mean	Relative error ⁵ (percent)		Mean	Relative error ⁵ (percent)	
Service—Continued									
Personal service—Continued									
Attendants, amusement, and recreation facilities—Continued									
1	\$6.12	3.3	16.5	\$5.93	5.3	13.5	\$6.23	4.2	18.8
2	6.73	5.4	27.7	6.64	6.9	32.5	—	—	—
3	7.38	6.2	33.9	7.41	6.2	34.6	—	—	—
4	8.73	9.0	29.9	7.43	11.0	23.8	—	—	—
Ushers	8.33	8.6	16.7	8.33	8.6	16.7	—	—	—
1	8.33	9.4	16.2	8.33	9.4	16.2	—	—	—
Public transportation attendants	22.53	17.6	23.0	23.53	19.0	21.9	—	—	—
Baggage porters and bellhops	7.54	24.5	39.2	7.54	24.5	39.2	—	—	—
1	7.92	25.0	39.6	7.92	25.0	39.6	—	—	—
Welfare service aides	9.54	4.8	34.1	9.15	4.1	33.9	11.24	14.2	34.7
1	6.49	2.2	16.5	—	—	—	—	—	—
2	8.21	4.3	36.9	7.77	2.0	36.0	—	—	—
3	8.09	3.1	31.7	8.18	2.9	31.0	—	—	—
Early childhood teachers' assistants	9.14	7.2	27.6	8.12	5.3	25.6	10.81	9.0	31.8
1	6.14	6.3	16.3	—	—	—	—	—	—
2	7.34	5.2	27.6	7.17	6.1	27.2	—	—	—
3	8.47	10.4	30.4	6.67	2.4	25.5	—	—	—
4	11.45	8.7	33.3	9.98	4.5	31.0	12.03	8.9	34.3
Child care workers, n.e.c.	8.72	2.5	28.2	8.09	2.4	31.8	9.65	2.3	24.2
1	7.46	6.1	17.8	—	—	—	6.76	5.9	18.1
2	8.93	3.3	23.5	—	—	—	—	—	—
3	8.59	8.8	29.0	7.46	5.2	35.5	9.91	4.1	23.9
4	8.75	4.8	33.3	8.19	3.6	35.3	10.79	3.7	27.7
Service, n.e.c.	9.64	8.3	28.4	9.48	9.4	28.3	10.95	5.7	28.5
1	6.95	4.9	27.3	6.87	4.9	27.2	—	—	—
2	7.44	2.2	23.5	—	—	—	—	—	—
3	10.67	3.7	29.4	10.26	5.5	27.5	—	—	—
4	11.06	4.4	32.3	10.81	6.6	31.3	—	—	—
5	13.88	9.4	38.4	—	—	—	—	—	—

¹ A classification system including about 480 individual occupations is used to cover all workers in the civilian economy. For more information, see Technical Note.

² Each occupation for which 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 rank within each factor. The points are summed to determine the overall level of the occupation. See the Technical Note for more information.

³ 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, and 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.

⁴ In this census division, collection was conducted between November 1997 and April 1999. The average reference period was July 1998.

⁵ The relative standard error (RSE) is the standard error expressed as a percent of the estimate. It can be used to calculate a "confidence interval" around a sample estimate. For more information about RSEs, see Technical Note.

NOTE: Dashes indicate that no data were reported or that data did not meet publication criteria, and n.e.c. means "not elsewhere classified." Overall occupational groups may include data for categories not shown separately.

Technical Note

The data in this report are based on the National Compensation Survey (NCS) conducted by the Bureau of Labor Statistics throughout the year. The surveys are locality-based and cover establishments in private industry and State and local governments. Bulletins are issued for individual localities, when sufficient data meet publication standards. Agriculture, private households, and the Federal Government are excluded from the scope of the survey.

Survey scope. In the Middle Atlantic census division, the NCS studied 2,211 establishments with 50 workers or more,¹ representing about 46,400 establishments within the scope of the survey. (See table A.) The number of workers represented by the survey (9,447,200) is shown in table B. For purposes of this survey, an establishment is an economic unit that 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 is usually at a single physical location. For State and local governments, an establishment is defined as all locations of a government entity.

Sampling frame. The list of establishments from which the survey sample was selected (sampling frame) was developed from the State unemployment insurance reports. 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 March 1996.

Sample design and data collection. The sample for this survey was selected using a three-stage design. The first stage consisted of the selection of areas. The nationwide NCS sample consists of 154 metropolitan and nonmetropolitan areas that represent the Nation's 326 metropolitan statistical areas and the remaining portions of the 50 States. Metropolitan areas are designated Metropolitan Statistical Areas (MSA) or Consolidated Metropolitan Statistical Areas (CMSA), as defined in 1994 by the U.S. Office of Management and Budget. Nonmetropolitan areas are counties that do not fit the metropolitan area definition.

The NCS locality areas that contribute to the estimates for the Middle Atlantic census division are:

¹ Establishments classified as employing between 50 and 99 workers may include establishments with fewer than 50 workers because staff reductions may have taken place between the time of sampling and the time of data collection.

Buffalo-Niagara Falls, NY MSA
Clinton County, NY
Columbia County, NY
Johnstown, PA MSA
New York-Northern-New Jersey-Long
Island, NY-NJ-CT-PA CMSA
Northumberland County, PA
Philadelphia-Wilmington-Atlantic City,
PA-NJ-DE-MD CMSA
Pittsburgh, PA MSA
Reading, PA MSA
Rochester, NY MSA
St. Lawrence County, NY
York, PA MSA

In the second stage, the sample of establishments was drawn by first stratifying the sampling frame by ownership and industry. 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 the establishment represents similar units (by industry and employment size) in the economy that were not selected for collection.

The third stage of sample selection was a probability sample of occupations within a sampled establishment. In the Middle Atlantic region, collection was conducted between November 1997 and April 1999, with an average reference period of July 1998. Additional information about the area sample and method of estimation is available in *National Compensation Survey: Occupational Wages in the United States*, 1998, Bulletin 2529.

Occupational selection and classification. Identification of the occupations for which wage data were collected was a four-step process involving:

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 vs. part-time, union vs. nonunion, and time vs. 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 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 that used in the 1990 Census of Population. A selected job may fall into any one of about 480 occupational classifications, from accountant to wood lathe operator. For cases in which 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.

In step three, certain other job characteristics of the chosen workers were identified. First, the worker was identified as holding either a full-time or a 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 actual production, rather than solely on hours worked. Finally, the worker was identified as being in a union or a non-union job.

The fourth step in the job classification procedure was to determine the work level of each of the establishment's selected jobs, using a *generic leveling* process. This process, involving discussions between the Bureau's field economist and the respondent, ranks and compares all selected establishment occupations using 10 leveling factors. For more information on generic leveling and an example of how to use the criteria for leveling a job, see appendix C and appendix D at <http://www.bls.gov/compub.htm> or any NCS locality bulletin. The website also has a link to the NCS job descriptions.

Data reliability. The data in this report 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. Tables in this report provide RSE data for indicated series.

The relative standard error can be used to calculate a "confidence interval" around a sample estimate. As an example, suppose that the mean hourly earnings for all workers were \$15.09 per hour, with a relative standard error of 0.6 percent for this estimate. At the 90-percent level, the confidence interval for this estimate is \$15.24 to \$14.94 ($\$15.09 \times 1.645 \times 0.006 = \0.149 , rounded to \$0.15); ($\$15.09 + .15 = \15.24 ; $\$15.09 - .15 = \14.94). 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 conducted in all survey areas will be used in the development of a formal quality assessment process to help compute nonsampling error. Although nonsampling errors were not specifically measured, efforts were made to minimize them through extensive training of field economists who gathered survey data by personal visit, computer editing of the data, and detailed data review.

Census area divisions. Data are tabulated by census divisions defined as follows: **New England**—Connecticut, Massachusetts, New Hampshire, Maine, Vermont, and Rhode Island; **Middle Atlantic**—New Jersey, New York, and Pennsylvania; **East North Central**—Illinois, Indiana, Michigan, Ohio, and Wisconsin; **West North Central**—Iowa, Kansas, Minnesota, Missouri, North Dakota, South Dakota, and Nebraska; **South Atlantic**—Delaware, District of Columbia, Florida, Georgia, Maryland, North Carolina, South Carolina, Virginia, and West Virginia; **East South Central**—Alabama, Kentucky, Mississippi, and Tennessee; **West South Central**—Arkansas, Louisiana, Oklahoma, and Texas; **Mountain**—Montana, Idaho, Wyoming, Colorado, New Mexico, Arizona, Utah, and Nevada; and **Pacific**—Washington, Oregon, California, Hawaii, and Alaska. Some census divisions include Consolidated Metropolitan Statistical Areas (CMSAs) and Metropolitan Statistical Areas (MSAs) that cross State lines.

Table A. Number of establishments represented by the survey and number studied by industry group and establishment employment size, Middle Atlantic, National Compensation Survey, 1998

Industry division	Number of establishments represented ¹	Number of establishments studied						
		Total	50 - 99 workers	100 - 499 workers	500 - 999 workers	1000 - 2,499 workers	2,500 - 4,999 workers	5,000 or more workers
All	46,400	2,211	543	979	287	238	108	56
Private Industry	42,700	1,870	513	867	205	175	79	31
Goods-producing industries	10,800	533	137	261	69	45	17	4
Mining	100	27	16	9	2	-	-	-
Construction	1,500	38	19	17	1	1	-	-
Manufacturing	9,200	468	102	235	66	44	17	4
Durable goods	4,800	290	53	147	44	28	14	4
Fabricated metal products, except machinery and transportation equipment	900	49	15	26	5	3	-	-
Industrial and commercial machinery and computer equipment	500	39	7	19	6	5	1	1
Electronic and electrical equipment	700	45	5	25	7	6	2	-
Transportation equipment	100	26	-	8	4	4	8	2
Measuring, analyzing, and controlling instruments	600	38	5	16	11	4	1	1
Nondurable goods	4,400	178	49	88	22	16	3	-
Food and kindred products	400	29	4	16	7	2	-	-
Printing, publishing, and allied industries	800	37	13	16	4	3	1	-
Chemicals and allied products	1,100	52	9	25	7	9	2	-
Service-producing industries	31,900	1,337	376	606	136	130	62	27
Transportation and utilities	2,600	128	38	53	9	16	9	3
Wholesale trade	2,800	70	32	32	3	2	-	1
Retail trade	10,000	297	135	140	16	2	4	-
Finance, insurance and real estate	3,100	108	27	41	19	10	5	6
Depository institutions	1,000	51	10	22	9	4	3	3
Insurance carriers	800	25	3	9	7	4	2	-
Services	13,400	734	144	340	89	100	44	17
Business services	3,300	117	33	60	14	9	1	-
Educational services	1,100	112	35	47	14	6	5	5
Health services	3,500	268	14	113	41	63	28	9
Hospitals	600	149	1	21	31	59	28	9
Engineering, accounting, research, management, and related services	1,300	53	18	21	5	7	2	-
State and local government	3,600	341	30	112	82	63	29	25
Health services	200	51	3	9	12	14	11	2
Hospitals	100	30	1	3	5	10	10	1

¹ Number of establishments represented by the survey rounded to the nearest 100.

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

Table B. **Number of workers¹ represented by the survey, by occupational group,² Middle Atlantic, National Compensation Survey,³ 1998**

Occupational group	All industries	Private industry	State and local government
All	9,447,200	7,282,500	2,164,700
All excluding sales	8,824,300	6,668,400	2,155,900
White collar	5,393,800	4,035,400	1,358,400
White collar excluding sales	4,770,800	3,421,200	1,349,600
Professional specialty and technical	2,095,300	1,313,600	781,700
Professional specialty occupations	1,693,200	963,400	729,700
Technical occupations	402,200	350,200	51,900
Executive, administrative, and managerial	947,700	756,100	191,700
Sales	623,000	614,100	8,800
Administrative support, including clerical	1,727,800	1,351,500	376,300
Blue collar	2,234,700	1,994,100	240,600
Precision production, craft, and repair	593,800	506,800	87,100
Machine operators, assemblers, and inspectors	700,400	694,800	5,600
Transportation and material moving	371,100	279,400	91,700
Handlers, equipment cleaners, helpers, and laborers	569,400	513,200	56,200
Service	1,818,800	1,253,100	565,700

¹ Number of workers represented by the survey are rounded to the nearest 100. Estimates of the number of workers provide a description of size and composition of the labor force included in the survey. Estimates are not intended, however, for comparison with other statistical series to measure employment trends or levels. Both full-time and part-time workers were included in the survey.

² A classification system including about 480 individual occupations is used to cover all workers in the civilian economy. For more information, see Technical Note.

³ In this census division, collection was conducted between November 1997 and April 1999. The average reference period was July 1998.