

Occupational Wages in the Middle Atlantic Census Division, 1997

Summary 00-5

This report provides estimates of occupational pay from the National Compensation Survey (NCS) in the Middle Atlantic census division. It highlights average (mean) hourly pay for workers in six areas:

- Private industry and State and local government
- Metropolitan and nonmetropolitan areas
- Selected occupations and major occupational groups
- Full- and part-time wages
- Bargaining status
- Size of establishment

Wages in the Middle Atlantic census division averaged \$17.42 per hour during 1997. Workers in private industry in the region averaged \$16.47 per hour, whereas hourly pay of workers in State and local government averaged \$21.25. The nationwide pay of all workers covered by the survey was \$15.09 an hour.

NCS summary reports are published for each of the nine census regions: New England, Middle Atlantic, East North Central, West North Central, South Atlantic, East South Central, West South Central, Mountain, and Pacific. Data also are published for some individual localities. These summary reports are a new product of the National Compensation Survey and may be useful to NCS data users in localities where separate NCS studies are not published.

Table 1 in this summary provides an overview of average pay data for worker and establishment characteristics and geographic area by private industry and State and local government. For example, white-collar workers in private industry averaged \$20.36 per hour; blue-collar workers averaged \$12.98; and service workers, \$8.56. Corresponding averages in State and local government were \$24.60, \$16.29, and \$16.22. Generally, average hourly earnings for private industry workers were lower than 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. In State and local government, for example, professional specialty and technical occupations are proportionately more prevalent 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 \$18.24 per hour whereas part-time workers averaged \$10.18.

In private industry, full-time workers averaged \$17.31 an hour, and part-time workers averaged \$9.74. For workers in State and local government, average hourly pay was \$21.81 and \$13.21, respectively, for full- and part-time workers. NCS classifies employees as full or part time based on the employer's classification.

Average hourly pay is generally higher for workers in larger establishments than in smaller ones. Workers in large establishments in the Middle Atlantic region, that is, establishments with 2,500 or more employees, earned, on average, \$21.03 an hour. Workers in the smallest establishment-size category studied (50-99) averaged \$13.87.

Table 2 shows that workers in metropolitan areas averaged \$17.75 per hour, more than the average pay for workers in nonmetropolitan areas, \$12.22. Table 2 also shows that, most of the time, regardless of employee or establishment characteristics, pay was higher in metropolitan areas than in nonmetropolitan areas. (See the Technical Note for definitions of metropolitan and nonmetropolitan areas.)

Among the nine census divisions, average earnings were generally highest in the New England, Middle Atlantic, and Pacific regions. Average earnings for all census divisions, and for other characteristics, can be seen in tables 1 and 2.

Full-time, part-time, and combined average pay rates for occupations in private industry and in State and local government are shown in tables 3, 4, and 5. These tables contain wage rates and mean weekly hours for the individual occupations and for major occupational groups. All registered nurses, for example, averaged \$22.74 per hour (table 3). Registered nurses in private industry averaged \$22.97 (table 4), whereas their counterparts in State and local government averaged \$21.25 per hour (table 5). Laborers, except construction, averaged \$9.74 in private industry and \$12.56 in State and local government. Janitors and cleaners, a service occupation, averaged \$9.11 in private industry and \$12.33 in State and local government.

Average pay for most workers in white-collar occupations is usually higher for full-time work than for part-time work. An exception, for example, was full-time physicians, who averaged \$33.69 per hour in private industry, whereas their part-time counterparts averaged \$51.78. No exceptions were observed in blue-collar and service occupations.

Earnings by occupational group and level are shown in table 6. Generally, the levels tend to show higher pay at higher

levels. The Bureau uses a generic leveling technique with 10 criteria to assign a level to an occupation. The Technical Note has more information on generic leveling and generic leveling criteria. Table A in the Technical Note shows the number of establishments studied in the Middle Atlantic census division by employment size; most companies were in the 100-

499 worker size class. It also shows the number of establishments represented. Table B 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 1997

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 ³ (percent)		Mean	Relative error ³ (percent)		Mean	Relative error ³ (percent)	
Total	\$17.42	1.5	35.7	\$16.47	1.7	35.8	\$21.25	1.5	35.5
Worker characteristics:⁴									
White-collar occupations ⁵	21.25	1.3	35.8	20.36	1.5	36.1	24.60	1.8	34.7
Professional specialty and technical ...	26.04	1.4	35.1	24.22	1.8	35.4	30.00	2.1	34.3
Executive, administrative, and managerial	30.00	1.9	39.0	30.69	2.1	39.5	26.78	4.2	36.9
Sales	13.73	4.0	32.1	13.72	4.1	32.0	14.78	4.2	38.0
Administrative support	12.97	1.3	36.0	12.87	1.5	36.5	13.40	2.1	34.1
Blue-collar occupations ⁵	13.29	2.6	37.9	12.98	2.8	37.9	16.29	2.7	37.7
Precision production, craft, and repair	17.83	1.6	39.4	17.77	1.7	39.4	18.17	3.8	39.3
Machine operators, assemblers, and inspectors	11.08	4.9	39.7	11.06	5.0	39.7	13.72	7.3	36.2
Transportation and material moving ...	14.58	1.8	35.8	14.27	2.4	35.8	16.08	4.0	35.6
Handlers, equipment cleaners, helpers, and laborers	10.44	2.4	35.7	10.08	2.5	35.4	13.79	4.9	38.4
Service occupations ⁵	11.02	2.2	32.7	8.56	1.7	31.2	16.22	2.5	36.3
Full time	18.24	1.6	38.9	17.31	1.9	39.2	21.81	1.4	37.7
Part time	10.18	2.9	20.8	9.74	3.4	21.0	13.21	3.3	19.4
Union	17.80	1.3	36.2	14.71	1.7	35.9	21.50	1.5	36.6
Nonunion	17.19	2.2	35.5	17.06	2.3	35.7	19.88	4.0	30.5
Time	17.45	1.5	35.7	16.48	1.8	35.7	21.25	1.5	35.5
Incentive	15.91	5.8	37.1	15.91	5.8	37.1	-	-	-
Establishment characteristics:									
Goods producing	(⁶)	(⁶)	(⁶)	16.69	4.3	39.6	(⁶)	(⁶)	(⁶)
Service producing	(⁶)	(⁶)	(⁶)	16.38	1.9	34.5	(⁶)	(⁶)	(⁶)
50-99 workers ⁷	13.87	3.9	35.8	13.84	4.0	35.9	14.76	2.1	32.6
100-499 workers	15.42	2.0	35.3	14.71	2.2	35.4	22.59	3.0	33.6
500-999 workers	19.33	3.7	36.2	18.46	4.9	36.5	22.02	4.1	35.1
1000-2499 workers	20.03	2.7	35.6	19.73	3.1	35.9	20.79	5.2	34.7
2500 workers or more	21.03	2.8	36.3	21.06	4.7	35.9	20.99	2.3	36.8
Geographic areas:⁸									
Metropolitan	17.75	1.3	35.7	16.80	1.5	35.7	21.72	1.4	35.5
Nonmetropolitan	12.22	7.4	36.1	10.32	7.1	36.3	16.56	.7	35.7
New England	16.96	1.8	35.1	16.29	2.1	35.0	20.14	2.1	35.2
Middle Atlantic	17.42	1.5	35.7	16.47	1.7	35.8	21.25	1.5	35.5
East North Central	15.45	.9	36.2	14.85	1.0	36.3	18.51	1.3	35.8
West North Central	14.44	1.8	36.3	13.70	2.2	36.2	17.24	.8	36.8
South Atlantic	13.73	1.4	37.0	13.20	1.8	36.7	15.47	1.4	37.9
East South Central	11.88	2.3	37.8	11.34	2.5	38.0	15.22	1.7	36.9
West South Central	13.82	1.0	37.2	13.45	1.2	37.0	14.96	1.3	37.8
Mountain	14.04	1.9	36.5	12.97	2.6	36.4	17.42	1.9	36.5
Pacific	16.88	1.5	36.2	15.89	1.8	36.4	20.23	1.7	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 1996 and June 1998. The average reference period was July 1997.

³ 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.

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 due to staff reductions between survey sampling and collection.

⁸ 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 1997

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 ⁴ (percent)		Mean	Relative error ⁴ (percent)		Mean	Relative error ⁴ (percent)	
Total	\$17.42	1.5	35.7	\$17.75	1.3	35.7	\$12.22	7.4	36.1
Private Industry	16.47	1.7	35.8	16.80	1.5	35.7	10.32	7.1	36.3
State and local government	21.25	1.5	35.5	21.72	1.4	35.5	16.56	.7	35.7
Worker characteristics:⁵									
White-collar occupations ⁶	21.25	1.3	35.8	21.48	1.3	35.8	16.00	1.5	35.3
Professional specialty and technical ...	26.04	1.4	35.1	26.34	1.5	35.1	20.18	1.1	34.3
Executive, administrative, and managerial	30.00	1.9	39.0	30.23	1.9	39.0	20.92	1.0	38.5
Sales	13.73	4.0	32.1	13.88	4.1	32.1	11.18	10.4	32.5
Administrative support	12.97	1.3	36.0	13.07	1.3	36.0	10.39	1.9	37.0
Blue-collar occupations ⁶	13.29	2.6	37.9	13.68	1.2	37.8	9.39	7.7	38.6
Precision production, craft, and repair Machine operators, assemblers, and inspectors	17.83	1.6	39.4	18.00	1.7	39.4	14.01	3.6	40.1
Transportation and material moving ...	11.08	4.9	39.7	11.71	2.2	39.6	7.82	4.0	40.2
Handlers, equipment cleaners, helpers, and laborers	14.58	1.8	35.8	14.58	1.9	36.0	14.78	5.0	27.5
Service occupations ⁶	10.44	2.4	35.7	10.51	2.6	35.5	9.90	3.0	37.2
Full time	11.02	2.2	32.7	11.05	2.3	32.6	10.63	.5	33.3
Part time	18.24	1.6	38.9	18.62	1.3	38.9	12.29	8.3	39.3
Union	10.18	2.9	20.8	10.10	3.1	20.8	11.54	4.0	20.9
Nonunion	17.80	1.3	36.2	17.89	1.3	36.2	15.89	1.3	35.1
Time	17.19	2.2	35.5	17.66	1.9	35.4	10.68	5.6	36.6
Incentive	17.45	1.5	35.7	17.79	1.3	35.7	12.16	7.3	36.1
	15.91	5.8	37.1	15.77	5.9	37.1	-	-	-
Establishment characteristics:									
Goods producing ⁷	16.69	4.3	39.6	17.40	2.6	39.6	9.28	8.1	40.3
Service producing ⁷	16.38	1.9	34.5	16.58	1.9	34.5	11.27	1.2	33.3
50-99 workers ⁸	13.87	3.9	35.8	14.43	2.5	35.6	8.67	15.8	37.4
100-499 workers	15.42	2.0	35.3	15.67	2.0	35.2	12.29	1.1	35.4
500-999 workers	19.33	3.7	36.2	19.60	3.9	36.2	15.18	2.4	35.4
1000-2499 workers	20.03	2.7	35.6	20.31	2.8	35.5	15.99	5.0	37.1
2500 workers or more	21.03	2.8	36.3	21.03	2.8	36.3	-	-	-
Geographic areas:⁹									
New England	16.96	1.8	35.1	17.42	1.8	35.2	13.75	5.3	34.0
Middle Atlantic	17.42	1.5	35.7	17.75	1.3	35.7	12.22	7.4	36.1
East North Central	15.45	.9	36.2	15.90	1.0	36.2	12.98	1.3	36.4
West North Central	14.44	1.8	36.3	15.40	2.2	36.3	11.82	3.7	36.2
South Atlantic	13.73	1.4	37.0	14.17	1.7	36.9	11.56	4.0	37.4
East South Central	11.88	2.3	37.8	13.60	1.6	37.0	10.22	3.7	38.7
West South Central	13.82	1.0	37.2	14.13	1.2	37.2	11.88	4.0	37.3
Mountain	14.04	1.9	36.5	14.17	2.4	36.4	13.51	2.4	36.6
Pacific	16.88	1.5	36.2	17.06	1.5	36.2	13.37	2.9	36.1

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 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 1996 and June 1998. The average reference period was July 1997.

⁴ 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.

⁵ 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.

⁶ A classification system including about 480 individual occupations is used to cover all workers in the civilian economy. See Technical Note for more information.

⁷ Classification of establishments into goods-producing and service-producing industries applies to private industry only.

⁸ 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.

⁹ 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 1997

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	\$17.42	1.5	35.7	\$18.24	1.6	38.9	\$10.18	2.9	20.8
All excluding sales	17.66	1.6	36.0	18.34	1.7	38.8	10.80	3.2	20.6
White collar	21.25	1.3	35.8	22.08	1.3	38.6	12.68	3.6	20.5
White collar excluding sales	22.16	1.3	36.3	22.61	1.3	38.5	15.64	4.1	19.9
Professional specialty and technical	26.04	1.4	35.1	26.40	1.4	38.0	21.64	4.0	18.1
Professional specialty	28.26	1.4	34.9	28.58	1.4	37.8	24.08	4.0	17.7
Engineers, architects, and surveyors	27.23	2.0	39.5	27.16	2.0	39.8	-	-	-
Architects	21.25	14.5	41.0	21.25	14.5	41.0	-	-	-
Aerospace engineers	29.38	8.9	40.0	29.38	8.9	40.0	-	-	-
Metallurgical and materials engineers	24.81	3.9	40.1	24.81	3.9	40.1	-	-	-
Chemical engineers	29.68	9.1	39.5	29.68	9.1	39.5	-	-	-
Civil engineers	25.25	4.1	39.2	25.25	4.1	39.2	-	-	-
Electrical and electronic engineers	28.76	4.3	39.2	28.57	4.3	39.5	-	-	-
Industrial engineers	25.12	8.9	40.5	25.47	9.1	41.0	-	-	-
Mechanical engineers	25.05	3.8	38.4	24.94	3.4	39.1	-	-	-
Engineers, n.e.c.	28.86	2.6	39.7	28.68	2.6	40.1	-	-	-
Mathematical and computer scientists	31.94	4.5	39.2	31.52	4.5	39.3	-	-	-
Computer systems analysts and scientists	30.46	3.6	39.3	30.46	3.6	39.3	-	-	-
Operations and systems researchers and analysts	37.29	9.3	39.2	35.68	10.5	39.5	-	-	-
Statisticians	27.09	2.8	35.7	27.09	2.8	35.7	-	-	-
Natural scientists	29.22	3.8	39.1	29.42	3.8	39.4	-	-	-
Chemists, except biochemists	32.54	6.0	39.0	33.13	6.1	39.8	-	-	-
Physical scientists, n.e.c.	26.44	6.5	39.8	26.44	6.5	39.8	-	-	-
Biological and life scientists	29.47	7.6	38.1	29.47	7.6	38.1	-	-	-
Medical scientists	26.48	11.3	38.9	26.48	11.3	38.9	-	-	-
Health related	23.87	1.8	33.8	23.99	2.0	39.1	23.20	3.5	19.2
Physicians	32.29	6.0	39.7	30.93	7.1	43.5	51.78	4.4	17.6
Registered nurses	22.74	1.6	32.9	23.12	1.7	38.4	20.93	2.6	19.5
Pharmacists	25.77	3.3	33.5	26.20	3.6	39.3	23.07	6.3	17.4
Dietitians	16.76	6.4	34.5	15.81	4.3	37.9	-	-	-
Respiratory therapists	19.14	3.1	32.7	19.28	3.7	38.7	18.44	2.6	18.8
Occupational therapists	23.16	8.0	34.3	22.97	9.3	37.7	-	-	-
Physical therapists	26.41	5.5	34.3	25.36	3.1	38.3	32.13	21.9	22.1
Speech therapists	20.92	11.1	24.0	18.65	15.5	36.7	24.85	12.8	15.0
Therapists, n.e.c.	16.01	4.5	37.4	16.06	4.5	39.0	-	-	-
Physicians' assistants	25.34	9.7	33.4	25.03	10.3	38.2	-	-	-
Teachers, college and university	40.42	3.7	32.3	40.11	3.9	36.6	44.35	6.0	13.0
Biological science teachers	34.20	4.2	32.5	34.97	4.3	35.7	-	-	-
Chemistry teachers	43.41	23.7	34.6	43.41	23.7	34.6	-	-	-
Natural science teachers, n.e.c.	49.06	1.6	37.7	49.38	2.6	39.2	-	-	-
Psychology teachers	41.04	13.5	31.9	41.82	13.6	35.8	-	-	-
Mathematical science teachers	48.09	7.6	32.7	48.64	8.8	35.4	-	-	-
Medical science teachers	54.12	7.1	28.6	46.19	8.0	36.3	-	-	-
Health specialties teachers	30.56	4.3	35.2	30.43	4.3	37.9	-	-	-
Business, commerce, and marketing teachers ..	42.24	15.3	31.4	42.91	16.1	35.0	-	-	-
Art, drama, and music teachers	32.11	4.9	30.9	32.93	5.4	36.2	23.66	10.0	12.3
Education teachers	25.74	3.0	26.3	-	-	-	-	-	-
English teachers	35.35	8.3	34.1	35.58	8.5	35.2	-	-	-
Theology teachers	48.18	12.2	34.9	-	-	-	-	-	-
Trade and industrial teachers	19.22	7.8	27.5	-	-	-	-	-	-
Teachers, post secondary, subject not specified	29.96	7.1	35.5	31.27	6.2	39.5	-	-	-
Teachers, post secondary, n.e.c.	40.56	6.9	31.6	41.03	7.6	36.4	35.45	11.0	12.9
Teachers, except college and university	32.71	2.2	32.8	33.59	2.2	35.2	19.17	4.5	16.2
Prekindergarten and kindergarten	26.52	12.0	33.0	27.40	12.2	34.7	-	-	-
Elementary school teachers	34.96	2.4	34.9	35.26	2.5	35.6	26.01	12.5	21.6
Secondary school teachers	35.69	2.9	35.7	35.97	3.0	36.0	29.67	5.9	30.4
Teachers, special education	33.42	3.6	33.6	33.81	3.6	34.3	24.67	16.3	23.9
Teachers, n.e.c.	32.21	4.3	29.2	33.54	4.2	34.0	15.65	9.7	10.5
Substitute teachers	11.06	7.2	17.6	-	-	-	11.32	10.3	14.5
Vocational and educational counselors	24.39	13.7	35.6	24.55	13.6	36.4	-	-	-
Librarians, archivists, and curators	24.49	8.3	35.4	24.51	8.4	36.0	-	-	-
Librarians	24.85	8.6	34.9	24.88	8.8	35.6	-	-	-

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 1997—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									
Librarians, archivists, and curators—Continued									
Archivists and curators	\$23.02	23.0	37.5	\$23.02	23.0	37.5	—	—	—
Social scientists and urban planners	26.67	7.3	35.3	26.64	7.6	37.0	\$27.31	9.2	17.5
Economists	26.85	8.9	38.0	26.85	8.9	38.0	—	—	—
Psychologists	27.12	10.7	33.5	27.11	11.5	36.3	27.31	9.2	17.5
Social, recreation, and religious workers	17.52	3.0	35.3	17.72	3.0	37.6	14.48	5.5	18.3
Social workers	17.79	3.0	35.5	17.99	3.1	37.5	14.51	5.9	19.4
Recreation workers	13.20	10.1	33.1	13.07	11.1	39.0	—	—	—
Lawyers and judges	35.74	6.8	39.0	35.52	6.9	40.9	—	—	—
Lawyers	35.69	6.8	39.7	35.52	6.9	40.9	—	—	—
Writers, authors, entertainers, athletes, and professionals, n.e.c.	23.98	5.5	34.5	23.93	5.8	38.4	24.55	14.3	15.1
Technical writers	20.83	7.1	39.2	20.83	7.1	39.2	—	—	—
Designers	22.50	6.2	38.8	22.76	6.3	39.2	—	—	—
Musicians and composers	47.96	7.6	13.1	—	—	—	—	—	—
Actors and directors	30.27	14.1	33.2	32.63	12.9	37.6	—	—	—
Painters, sculptors, craft artists, and artist printmakers	21.06	16.1	28.5	17.46	18.0	38.2	—	—	—
Editors and reporters	25.32	11.0	37.3	25.52	10.9	37.4	—	—	—
Public relations specialists	22.66	7.2	39.0	22.66	7.2	39.0	—	—	—
Athletes	16.26	9.0	17.6	18.36	11.2	37.8	14.30	9.2	11.7
Professional, n.e.c.	24.58	11.1	39.0	24.58	11.1	39.0	—	—	—
Technical	17.79	2.0	35.6	18.15	2.0	38.6	13.81	2.9	19.4
Clinical laboratory technologists and technicians	16.47	4.0	35.4	16.60	4.1	38.4	14.90	9.4	18.7
Health record technologists and technicians	13.11	6.9	30.4	13.59	5.7	38.5	10.94	10.1	15.8
Radiological technicians	17.55	2.7	32.2	17.87	2.9	38.6	16.12	5.7	18.6
Licensed practical nurses	14.10	1.5	33.0	14.11	1.7	38.7	14.07	3.0	21.6
Health technologists and technicians, n.e.c.	14.69	3.5	33.8	14.88	3.8	38.6	13.16	5.1	17.1
Electrical and electronic technicians	18.92	5.0	39.5	18.97	5.0	40.2	—	—	—
Mechanical engineering technicians	20.75	3.8	39.6	20.75	3.8	39.6	—	—	—
Engineering technicians, n.e.c.	19.11	2.7	39.0	19.12	2.8	39.6	—	—	—
Drafters	15.54	4.4	39.4	15.58	4.4	39.9	—	—	—
Biological technicians	17.29	9.3	38.3	17.66	9.2	39.7	—	—	—
Chemical technicians	17.17	4.5	39.2	17.19	4.5	39.6	—	—	—
Science technicians, n.e.c.	16.68	5.7	38.8	16.75	5.7	39.3	—	—	—
Airplane pilots and navigators	56.17	25.5	26.8	56.17	25.5	26.8	—	—	—
Broadcast equipment operators	25.17	14.4	34.1	27.61	9.3	38.5	6.09	7.4	17.9
Computer programmers	20.03	5.3	38.1	20.06	5.3	38.6	—	—	—
Legal assistants	16.96	5.1	37.6	17.08	4.8	38.5	—	—	—
Technical and related, n.e.c.	20.54	3.2	37.1	20.79	3.1	38.8	10.76	11.8	13.3
Executive, administrative, and managerial									
Executives, administrators, and managers	34.38	2.0	39.4	34.47	2.0	39.7	24.71	14.0	21.4
Administrators and officials, public administration	28.39	4.4	36.6	28.39	4.4	36.6	—	—	—
Financial managers	39.31	6.2	40.1	39.31	6.2	40.1	—	—	—
Personnel and labor relations managers	36.17	9.4	39.5	36.38	9.6	40.1	—	—	—
Purchasing managers	33.90	9.8	40.6	33.90	9.8	40.6	—	—	—
Managers, marketing, advertising, and public relations	37.61	4.6	40.0	37.61	4.6	40.0	—	—	—
Administrators, education and related fields	34.67	6.7	36.8	35.07	6.5	37.7	—	—	—
Managers, medicine and health	31.63	5.1	38.5	31.74	5.2	39.1	25.67	9.6	20.5
Managers, food servicing and lodging establishments	19.91	7.2	43.8	19.91	7.2	43.8	—	—	—
Managers, service organizations, n.e.c.	31.27	9.7	37.7	31.84	9.3	38.1	—	—	—
Managers and administrators, n.e.c.	33.99	2.7	39.9	33.98	2.7	40.1	—	—	—
Management related	22.53	2.8	38.4	22.55	2.8	38.7	19.21	8.2	16.3
Accountants and auditors	23.33	5.2	38.3	23.34	5.2	38.7	—	—	—
Underwriters	26.95	13.4	38.0	26.95	13.4	38.0	—	—	—

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 1997—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									
Other financial officers	\$24.97	9.5	37.8	\$25.00	9.5	37.9	—	—	—
Management analysts	26.78	7.4	39.4	26.81	7.5	39.5	—	—	—
Personnel, training, and labor relations specialists	21.13	5.0	39.3	21.15	5.0	39.3	—	—	—
Buyers, wholesale and retail trade, except farm products	23.54	10.7	40.1	23.54	10.7	40.1	—	—	—
Purchasing agents and buyers, n.e.c.	20.43	6.9	39.1	20.43	6.9	39.1	—	—	—
Construction inspectors	21.09	9.0	37.1	20.99	9.4	39.3	—	—	—
Inspectors and compliance officers, except construction	19.51	8.8	37.7	19.51	8.8	37.7	—	—	—
Management related, n.e.c.	21.97	3.3	38.4	22.02	3.3	38.9	—	—	—
Sales	13.73	4.0	32.1	16.35	4.4	39.8	\$7.19	3.9	21.7
Supervisors, sales	19.83	7.5	40.1	20.07	7.5	40.4	—	—	—
Insurance sales	24.47	16.9	38.6	24.47	16.9	38.6	—	—	—
Securities and financial services sales	30.02	22.0	35.5	30.87	22.5	39.5	—	—	—
Advertising and related sales	21.26	20.1	37.0	22.27	20.6	38.3	—	—	—
Sales, other business services	17.64	11.0	33.7	19.59	8.0	39.4	—	—	—
Sales engineers	23.07	9.1	42.1	23.07	9.1	42.1	—	—	—
Sales representatives, mining, manufacturing, and wholesale	21.33	6.5	40.5	21.33	6.5	40.5	—	—	—
Sales workers, motor vehicles and boats	20.00	14.4	43.6	20.00	14.4	43.6	—	—	—
Sales workers, apparel	7.27	7.1	31.0	7.62	9.0	38.2	6.45	5.5	21.5
Sales workers, furniture and home furnishings ..	11.70	16.1	39.4	11.86	15.8	41.7	—	—	—
Sales workers, radio, tv, hi-fi, and appliances ...	8.89	9.6	35.0	9.05	10.6	40.6	—	—	—
Sales workers, hardware and building supplies ..	14.04	12.1	36.6	15.14	11.6	40.0	—	—	—
Sales workers, parts	17.98	16.3	38.0	—	—	—	—	—	—
Sales workers, other commodities	11.23	15.8	28.4	14.43	20.5	39.6	6.92	4.0	20.6
Sales counter clerks	8.34	9.4	30.7	9.53	8.5	39.9	6.62	11.6	23.1
Cashiers	8.02	3.5	27.3	10.13	3.7	39.4	6.39	1.9	22.0
Street and door-to-door sales workers	35.83	41.6	27.3	—	—	—	—	—	—
Demonstrators, promoters, and models, sales ..	8.41	9.2	26.9	9.68	12.2	36.7	7.20	3.4	21.5
Sales support, n.e.c.	11.78	9.2	35.7	12.19	9.6	38.9	8.76	13.4	22.3
Administrative support, including clerical	12.97	1.3	36.0	13.29	1.3	38.4	9.69	4.0	21.8
Supervisors, general office	18.22	3.7	38.6	18.22	3.7	38.6	—	—	—
Supervisors, computer equipment operators	19.68	7.9	38.2	19.68	7.9	38.2	—	—	—
Supervisors, financial records processing	18.26	4.3	38.4	18.28	4.3	38.7	—	—	—
Supervisors, distribution, scheduling, and adjusting clerks	17.96	12.5	39.8	17.96	12.5	39.8	—	—	—
Computer operators	14.37	4.7	37.3	14.33	4.8	38.3	—	—	—
Secretaries	14.50	1.7	37.2	14.61	1.7	38.1	12.27	6.6	24.7
Stenographers	15.76	7.6	35.1	15.91	7.9	37.9	—	—	—
Typists	12.03	4.9	35.4	12.23	4.7	37.7	9.31	7.6	19.6
Interviewers	9.85	7.0	29.2	10.18	8.5	37.8	8.90	11.8	17.6
Hotel clerks	9.09	6.4	37.6	9.11	6.5	38.4	—	—	—
Transportation ticket and reservation agents	15.35	6.4	35.5	16.05	5.1	38.8	10.11	9.9	21.6
Receptionists	10.20	2.4	34.9	10.51	2.5	39.0	8.06	5.1	20.1
Information clerks, n.e.c.	12.65	10.1	34.0	11.53	4.3	38.8	15.29	22.5	26.2
Correspondence clerks	12.15	6.2	39.2	12.16	6.2	39.5	—	—	—
Order clerks	14.36	5.7	37.4	14.70	5.6	39.0	8.18	6.2	21.5
Personnel clerks, except payroll and timekeeping	14.01	5.1	38.4	14.09	5.1	38.9	—	—	—
Library clerks	11.43	2.6	29.2	12.06	3.0	35.6	9.45	5.3	18.5
File clerks	9.62	5.4	35.3	9.65	5.7	37.7	9.27	8.3	17.6
Records clerks, n.e.c.	12.08	3.2	36.2	12.31	3.2	38.5	9.32	5.1	21.0
Bookkeepers, accounting and auditing clerks ...	12.71	2.4	37.4	12.84	2.4	38.6	8.90	4.5	19.7
Payroll and timekeeping clerks	12.95	4.7	38.0	13.04	4.8	39.8	—	—	—
Billing clerks	10.90	3.6	38.2	10.87	3.5	39.1	—	—	—

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 1997–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	\$10.04	16.3	33.3	–	–	–	–	–	–
Duplicating machine operators	10.27	9.2	33.7	\$10.65	10.4	38.2	–	–	–
Telephone operators	12.50	6.4	33.9	13.23	5.9	38.0	\$8.81	6.0	21.9
Mail clerks, except postal service	10.27	8.1	37.0	10.34	8.6	38.2	9.22	6.3	24.9
Messengers	12.80	10.2	37.2	13.21	9.0	38.7	–	–	–
Dispatchers	15.75	9.4	38.4	15.90	9.4	39.7	9.83	3.9	16.1
Production coordinators	14.17	6.2	38.9	14.47	6.3	39.8	–	–	–
Traffic, shipping and receiving clerks	12.24	6.2	37.8	12.33	6.3	39.5	–	–	–
Stock and inventory clerks	11.23	5.8	34.0	12.37	4.4	39.3	–	–	–
Meter readers	16.63	4.2	40.0	16.63	4.2	40.0	–	–	–
Weighers, measurers, checkers, and samplers	13.68	16.3	38.8	14.25	16.0	39.6	–	–	–
Expeditors	12.57	10.9	36.8	13.32	10.4	39.7	–	–	–
Material recording, scheduling, and distribution clerks, n.e.c.	10.77	7.4	32.5	11.66	8.2	39.0	7.84	6.5	21.0
Insurance adjusters, examiners, and investigators	15.26	10.1	39.2	15.26	10.1	39.2	–	–	–
Investigators and adjusters, except insurance	12.68	3.0	35.0	13.16	4.2	39.4	–	–	–
Eligibility clerks, social welfare	13.65	3.7	35.9	13.65	3.7	35.9	–	–	–
Bill and account collectors	11.21	4.8	36.9	11.38	6.6	39.7	–	–	–
General office clerks	12.35	3.7	35.3	12.84	3.5	38.0	8.31	8.2	22.3
Bank tellers	9.18	3.0	34.9	9.31	3.0	38.3	8.26	4.8	21.6
Data entry keyers	10.21	2.5	38.1	10.33	2.7	39.2	8.97	6.1	29.1
Statistical clerks	13.49	9.0	36.4	13.56	9.2	37.0	–	–	–
Teachers' aides	10.66	6.1	28.9	10.09	4.9	34.5	11.71	10.6	22.3
Administrative support, n.e.c.	12.79	3.7	34.6	13.33	3.7	38.0	8.99	6.1	21.0
Blue collar	13.29	2.6	37.9	13.54	2.8	39.9	9.48	6.9	21.8
Precision production, craft, and repair	17.83	1.6	39.4	17.87	1.6	39.8	15.15	14.1	23.7
Supervisors, mechanics and repairers	21.36	4.6	38.7	21.51	4.6	40.1	–	–	–
Automobile mechanics	18.66	6.9	39.9	18.68	6.9	39.9	–	–	–
Bus, truck, and stationary engine mechanics	16.55	2.4	39.8	16.55	2.4	39.8	–	–	–
Automobile body and related repairers	13.13	3.4	40.2	13.13	3.4	40.2	–	–	–
Aircraft mechanics, except engine	16.50	5.1	40.0	16.50	5.1	40.0	–	–	–
Heavy equipment mechanics	17.34	8.3	40.0	17.34	8.3	40.0	–	–	–
Industrial machinery repairers	16.20	2.9	40.0	16.20	2.9	40.0	–	–	–
Machinery maintenance	17.22	5.0	40.0	17.22	5.0	40.0	–	–	–
Electronic repairers, communications and industrial equipment	19.45	6.0	38.9	19.52	6.1	40.0	–	–	–
Data processing equipment repairers	–	–	–	13.63	9.9	40.0	–	–	–
Telephone line installers and repairers	21.07	2.5	40.4	21.07	2.5	40.4	–	–	–
Telephone installers and repairers	18.06	8.1	40.0	18.06	8.1	40.0	–	–	–
Heating, air conditioning, and refrigeration mechanics	19.17	3.8	39.8	19.17	3.8	39.8	–	–	–
Office machine repairers	16.11	5.7	38.7	16.11	5.7	38.7	–	–	–
Mechanical controls and valve repairers	22.01	4.6	40.0	22.01	4.6	40.0	–	–	–
Millwrights	18.67	10.1	40.0	18.67	10.1	40.0	–	–	–
Mechanics and repairers, n.e.c.	17.07	3.3	39.1	17.12	3.3	39.4	–	–	–
Supervisors, electricians and power transmission installers	29.33	8.6	39.2	29.33	8.6	39.2	–	–	–
Supervisors, construction trades, n.e.c.	20.94	7.7	39.7	20.94	7.7	39.7	–	–	–
Carpenters	18.71	5.8	38.8	19.14	6.2	39.6	–	–	–
Electricians	21.25	5.4	39.6	21.22	5.4	39.7	–	–	–
Electrician apprentices	16.15	10.4	39.9	16.15	10.4	39.9	–	–	–
Electrical power installers and repairers	24.35	3.1	40.0	24.35	3.1	40.0	–	–	–
Painters, construction and maintenance	17.19	12.1	38.4	17.26	12.1	38.5	–	–	–
Plumbers, pipefitters and steamfitters	20.83	3.5	39.5	20.83	3.5	39.5	–	–	–
Construction trades, n.e.c.	15.13	7.5	39.5	15.13	7.5	39.5	–	–	–
Supervisors, production	19.11	2.4	40.3	19.11	2.4	40.3	–	–	–

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 1997—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									
Tool and die makers	\$18.61	1.8	40.7	\$18.61	1.8	40.7	—	—	—
Precision assemblers, metal	16.98	5.4	40.0	16.98	5.4	40.0	—	—	—
Machinists	16.59	3.5	40.0	16.59	3.5	40.0	—	—	—
Sheet metal workers	16.05	9.4	40.0	16.05	9.4	40.0	—	—	—
Electrical and electronic equipment assemblers	10.49	4.0	39.6	10.52	4.0	39.9	—	—	—
Miscellaneous precision workers, n.e.c.	17.18	8.6	39.9	17.18	8.6	39.9	—	—	—
Butchers and meat cutters	13.65	6.8	39.3	13.75	6.9	40.0	—	—	—
Bakers	9.80	13.2	32.8	10.82	15.1	37.5	—	—	—
Food batchmakers	8.50	7.8	34.7	9.08	11.0	40.0	—	—	—
Inspectors, testers, and graders	18.33	5.1	40.0	18.33	5.1	40.0	—	—	—
Water and sewer treatment plant operators	16.04	4.6	40.0	16.04	4.6	40.0	—	—	—
Stationary engineers	18.04	3.7	38.4	17.98	3.8	39.5	—	—	—
Miscellaneous plant and system operators, n.e.c.	18.25	5.3	41.2	18.25	5.3	41.2	—	—	—
Machine operators, assemblers, and inspectors	11.08	4.9	39.7	11.12	5.0	40.0	\$6.64	9.9	23.7
Lathe and turning machine operators	13.31	5.3	39.4	13.31	5.3	39.4	—	—	—
Punching and stamping press operators	11.82	8.9	41.0	11.82	8.9	41.0	—	—	—
Rolling machine operators	17.96	11.1	40.0	17.96	11.1	40.0	—	—	—
Drilling and boring machine operators	14.39	7.8	40.0	14.39	7.8	40.0	—	—	—
Grinding, abrading, buffing, and polishing machine operators	13.19	5.2	40.4	13.19	5.2	40.4	—	—	—
Numerical control machine operators	12.56	6.6	42.2	12.56	6.6	42.2	—	—	—
Fabricating machine operators, n.e.c.	13.10	5.4	40.0	13.10	5.4	40.0	—	—	—
Molding and casting machine operators	10.17	10.9	39.2	10.23	11.1	39.3	—	—	—
Metal plating machine operators	12.42	4.0	40.0	12.42	4.0	40.0	—	—	—
Heat treating equipment operators	15.72	10.5	39.4	15.72	10.5	39.4	—	—	—
Printing press operators	15.71	6.4	39.3	15.71	6.4	39.3	—	—	—
Photoengravers and lithographers	14.37	11.1	37.6	14.37	11.1	37.6	—	—	—
Typesetters and compositors	17.03	8.3	34.0	18.20	6.4	38.1	—	—	—
Winding and twisting machine operators	9.75	6.3	38.4	9.82	6.3	40.0	—	—	—
Knitting, looping, taping, and weaving machine operators	9.92	6.5	40.0	9.92	6.5	40.0	—	—	—
Laundering and dry cleaning machine operators	9.15	3.8	36.7	9.17	3.9	39.4	8.96	10.5	18.1
Packaging and filling machine operators	10.08	13.0	40.0	10.09	13.0	40.1	—	—	—
Extruding and forming machine operators	10.34	8.5	40.1	10.34	8.5	40.1	—	—	—
Mixing and blending machine operators	13.30	5.0	40.0	13.30	5.0	40.0	—	—	—
Separating, filtering, and clarifying machine operators	14.35	2.6	40.0	14.35	2.6	40.0	—	—	—
Painting and paint spraying machine operators	12.84	3.7	40.0	12.84	3.7	40.0	—	—	—
Folding machine operators	10.40	6.8	39.1	10.40	6.8	39.1	—	—	—
Furnace, kiln, and oven operators, except food	13.21	5.7	39.4	13.21	5.7	40.0	—	—	—
Crushing and grinding machine operators	14.28	3.6	40.0	14.28	3.6	40.0	—	—	—
Slicing and cutting machine operators	11.81	3.3	40.5	11.81	3.3	40.5	—	—	—
Photographic process machine operators	10.56	8.1	40.0	10.59	8.1	40.2	—	—	—
Miscellaneous machine operators, n.e.c.	12.71	3.7	39.1	12.97	3.0	39.9	—	—	—
Welders and cutters	15.66	2.2	40.6	15.66	2.2	40.6	—	—	—
Solders and braziers	9.31	6.6	40.0	9.45	7.5	40.0	—	—	—
Assemblers	10.15	3.4	39.5	10.22	3.4	40.0	6.31	2.7	24.1
Miscellaneous hand working, n.e.c.	10.91	9.9	40.0	10.91	9.9	40.0	—	—	—
Production inspectors, checkers and examiners	11.64	3.9	40.1	11.64	3.9	40.1	—	—	—
Production testers	13.43	9.6	40.0	13.43	9.6	40.0	—	—	—
Graders and sorters, except agricultural	12.32	20.5	39.1	12.32	20.5	39.1	—	—	—
Transportation and material moving	14.58	1.8	35.8	15.00	1.8	39.8	11.66	7.2	20.9
Supervisors, motor vehicle operators	18.47	12.0	40.0	18.47	12.0	40.0	—	—	—
Truck drivers	14.99	1.8	36.6	15.31	1.8	40.1	—	—	—
Driver-sales workers	17.98	5.5	39.8	18.36	4.9	40.6	—	—	—
Bus drivers	14.29	4.1	31.3	15.29	4.6	37.9	11.89	5.8	22.1
Taxicab drivers and chauffeurs	9.67	11.4	33.0	9.81	12.1	39.2	9.25	20.7	22.4
Motor transportation, n.e.c.	12.95	8.9	37.6	13.32	8.6	39.6	—	—	—

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 1997–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									
Locomotive operating	\$18.94	6.0	40.0	\$18.94	6.0	40.0	–	–	–
Supervisors, material moving equipment	17.67	4.9	39.3	17.67	4.9	39.3	–	–	–
Crane and tower operators	17.56	9.8	40.0	17.56	9.8	40.0	–	–	–
Excavating and loading machine operators	15.01	5.9	40.0	15.01	5.9	40.0	–	–	–
Grader, dozer, and scrapper operators	18.94	9.3	39.6	18.94	9.3	39.6	–	–	–
Industrial truck and tractor equipment operators	11.85	3.6	40.3	11.85	3.6	40.3	–	–	–
Miscellaneous material moving equipment operators, n.e.c.	14.61	3.1	31.6	15.01	2.6	38.8	–	–	–
Handlers, equipment cleaners, helpers, and laborers									
Supervisors, agriculture-related workers	16.04	9.4	40.0	16.04	9.4	40.0	–	–	–
Groundskeepers and gardeners, except farm ...	10.82	5.1	36.4	11.05	5.1	39.3	8.62	11.2	20.9
Supervisors, handlers, equipment cleaners, and laborers, n.e.c.	16.17	6.8	36.9	16.30	7.6	39.3	–	–	–
Helpers, mechanics and repairers	11.91	8.1	37.0	12.05	8.1	39.3	–	–	–
Helpers, construction trades	13.00	17.5	39.4	13.00	17.5	39.4	–	–	–
Construction laborers	11.57	4.2	39.6	11.62	4.2	39.6	–	–	–
Production helpers	9.75	6.3	38.8	9.80	6.3	39.6	–	–	–
Garbage collectors	16.03	9.1	39.9	16.03	9.1	39.9	–	–	–
Stock handlers and baggers	9.02	4.8	30.3	10.73	6.6	39.9	6.17	1.4	21.5
Machine feeders and offbearers	8.79	5.7	38.5	8.88	5.8	39.7	–	–	–
Freight, stock, and material handlers, n.e.c.	11.35	5.0	32.5	12.04	5.1	39.9	9.35	3.2	21.1
Vehicle washers and equipment cleaners	11.11	10.6	36.9	11.64	10.4	39.7	–	–	–
Hand packers and packagers	9.26	5.4	39.3	9.39	5.5	40.0	6.70	10.1	29.3
Laborers, except construction, n.e.c.	10.05	3.1	38.6	10.15	3.2	40.0	8.42	9.7	24.8
Service	11.02	2.2	32.7	12.08	2.3	38.4	6.98	1.9	20.8
Protective service	17.30	3.6	37.2	18.03	3.4	39.7	8.90	5.0	21.6
Supervisors, firefighters and fire prevention	24.03	10.2	44.4	24.03	10.2	44.4	–	–	–
Supervisors, police and detectives	27.37	3.9	39.9	27.37	3.9	39.9	–	–	–
Supervisors, guards	17.77	8.5	39.4	17.78	8.6	39.9	–	–	–
Firefighting	19.17	2.9	43.3	19.17	2.9	43.3	–	–	–
Police and detectives, public service	21.68	3.3	39.5	21.74	3.4	39.6	–	–	–
Sheriffs, bailiffs, and other law enforcement officers	18.08	6.0	34.3	18.77	5.4	38.0	–	–	–
Correctional institution officers	18.54	2.4	39.8	18.56	2.4	39.8	–	–	–
Crossing guards	9.67	6.9	19.0	–	–	–	9.16	8.3	18.7
Guards and police, except public service	9.59	5.4	34.8	9.87	6.2	39.1	8.39	5.1	23.8
Protective service, n.e.c.	12.41	12.5	27.5	14.15	17.9	38.0	9.45	15.2	18.7
Food service	7.31	2.3	28.3	8.42	2.5	37.5	5.60	2.7	20.5
Supervisors, food preparation and service	11.65	8.4	38.1	11.81	8.4	39.4	6.77	7.5	19.9
Bartenders	6.51	14.9	25.0	7.90	16.1	35.7	4.35	11.0	17.1
Waiters and waitresses	4.44	6.4	25.0	4.93	9.0	36.6	3.89	6.2	18.5
Cooks	9.04	4.2	33.5	9.63	2.9	37.3	6.90	8.1	24.3
Food counter, fountain, and related	7.02	4.4	25.9	8.10	6.1	38.2	5.95	3.3	19.7
Kitchen workers, food preparation	8.66	4.2	29.7	9.73	4.9	38.4	6.66	2.2	20.8
Waiters/Waitresses' assistants	5.81	6.3	26.5	6.48	6.0	36.2	4.35	11.7	16.8
Food preparation, n.e.c.	7.25	4.2	27.7	8.36	3.2	37.6	6.20	5.8	22.2
Health service	9.54	2.1	33.9	9.74	2.5	38.0	8.33	2.1	20.8
Health aides, except nursing	11.13	2.7	34.1	11.45	2.8	38.7	8.71	4.2	18.0
Nursing aides, orderlies and attendants	9.19	2.5	33.9	9.35	2.9	37.8	8.27	2.4	21.4
Cleaning and building service	10.42	3.2	34.5	11.10	2.6	39.2	7.24	3.2	22.2
Supervisors, cleaning and building service workers	14.86	6.2	39.1	15.89	2.8	39.5	–	–	–
Maids and housemen	9.74	5.4	35.7	9.79	5.5	37.9	9.07	11.4	20.7
Janitors and cleaners	10.22	3.9	33.8	11.03	3.2	39.3	7.10	3.0	21.9
Personal service	9.61	2.9	29.4	10.40	3.8	36.7	7.68	3.5	19.8
Supervisors, personal service	16.36	5.7	36.0	16.81	5.8	40.0	–	–	–

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 1997—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									
Personal service —Continued									
Attendants, amusement, and recreation facilities	\$7.21	6.1	28.6	\$7.79	7.2	39.8	\$6.08	8.0	18.6
Ushers	8.21	5.3	20.5	—	—	—	—	—	—
Public transportation attendants	14.49	14.2	28.1	15.85	12.5	29.1	6.89	5.4	23.5
Baggage porters and bellhops	6.08	22.0	39.1	5.50	15.9	39.7	—	—	—
Welfare service aides	8.96	4.5	32.2	9.39	5.2	38.6	7.69	6.2	21.7
Early childhood teachers' assistants	8.51	6.8	27.2	9.61	6.9	35.9	6.51	9.3	18.9
Child care workers, n.e.c.	8.46	2.6	28.5	8.35	3.4	38.8	8.66	4.0	19.9
Service, n.e.c.	9.27	6.7	28.5	10.10	8.6	35.7	7.26	6.3	19.2

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 1996 and June

1998. The average reference period was July 1997.

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 1997

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	\$16.47	1.7	35.8	\$17.31	1.9	39.2	\$9.74	3.4	21.0
All excluding sales	16.69	1.8	36.1	17.37	2.0	39.2	10.36	3.9	20.8
White collar	20.36	1.5	36.1	21.25	1.6	39.1	12.09	4.2	20.8
White collar excluding sales	21.40	1.5	36.8	21.83	1.6	39.1	15.40	5.0	20.3
Professional specialty and technical	24.22	1.8	35.4	24.51	1.9	38.9	21.17	4.8	18.4
Professional specialty	26.51	1.8	35.4	26.76	1.9	39.0	23.85	5.0	17.9
Engineers, architects, and surveyors	27.76	2.1	39.7	27.70	2.1	40.1	—	—	—
Architects	18.35	12.6	43.8	18.35	12.6	43.8	—	—	—
Aerospace engineers	29.38	8.9	40.0	29.38	8.9	40.0	—	—	—
Metallurgical and materials engineers	27.14	4.2	40.3	27.14	4.2	40.3	—	—	—
Chemical engineers	29.68	9.1	39.5	29.68	9.1	39.5	—	—	—
Civil engineers	26.24	4.4	39.8	26.24	4.4	39.8	—	—	—
Electrical and electronic engineers	28.76	4.3	39.2	28.57	4.3	39.5	—	—	—
Industrial engineers	25.12	8.9	40.5	25.47	9.1	41.0	—	—	—
Mechanical engineers	25.59	4.1	39.1	25.47	3.6	40.0	—	—	—
Engineers, n.e.c.	29.30	2.3	39.7	29.11	2.3	40.2	—	—	—
Mathematical and computer scientists	32.16	4.5	39.2	31.74	4.5	39.3	—	—	—
Computer systems analysts and scientists	30.74	3.6	39.3	30.73	3.6	39.3	—	—	—
Operations and systems researchers and analysts	37.29	9.3	39.2	35.68	10.5	39.5	—	—	—
Statisticians	27.09	2.8	35.7	27.09	2.8	35.7	—	—	—
Natural scientists	29.32	4.0	39.2	29.54	4.0	39.5	—	—	—
Chemists, except biochemists	32.54	6.0	39.0	33.13	6.1	39.8	—	—	—
Physical scientists, n.e.c.	26.55	7.1	39.8	26.55	7.1	39.8	—	—	—
Biological and life scientists	29.40	8.7	38.6	29.40	8.7	38.6	—	—	—
Medical scientists	26.50	11.4	38.9	26.50	11.4	38.9	—	—	—
Health related	24.22	2.0	32.9	24.44	2.3	38.8	23.17	3.8	19.0
Physicians	35.17	7.3	36.6	33.69	8.2	40.6	51.78	4.7	17.4
Registered nurses	22.97	1.6	32.3	23.45	1.8	38.5	21.00	2.7	19.4
Pharmacists	26.33	3.1	32.8	26.94	3.1	39.3	23.07	6.3	17.4
Dietitians	17.34	7.6	33.4	16.02	4.8	38.1	—	—	—
Respiratory therapists	19.03	3.3	32.4	19.17	4.0	39.2	18.44	2.6	18.8
Occupational therapists	20.50	8.5	34.3	21.20	8.8	38.1	—	—	—
Physical therapists	26.02	6.3	33.8	24.32	2.6	38.6	34.59	21.4	20.8
Speech therapists	19.75	12.5	23.9	15.78	6.0	37.6	—	—	—
Therapists, n.e.c.	15.33	5.0	37.0	15.37	5.1	38.9	—	—	—
Physicians' assistants	25.39	10.2	33.2	25.06	10.9	38.2	—	—	—
Teachers, college and university	38.08	5.9	32.8	38.54	6.4	36.9	31.98	14.4	13.4
Biological science teachers	31.64	4.7	30.3	32.97	3.9	36.4	—	—	—
Medical science teachers	43.15	8.8	34.3	43.60	8.8	36.2	—	—	—
Health specialties teachers	29.43	5.7	37.1	29.43	5.7	37.1	—	—	—
Art, drama, and music teachers	27.80	4.4	27.7	28.57	5.2	34.9	23.81	10.3	13.3
Education teachers	25.74	3.0	26.3	—	—	—	—	—	—
English teachers	25.23	10.0	32.7	25.22	10.5	34.5	—	—	—
Theology teachers	48.18	12.2	34.9	—	—	—	—	—	—
Teachers, post secondary, subject not specified	29.25	9.1	34.8	30.61	8.0	38.4	—	—	—
Teachers, post secondary, n.e.c.	39.85	14.1	31.2	40.10	16.6	38.2	38.32	6.1	14.7
Teachers, except college and university	18.55	5.0	29.6	18.91	4.9	37.2	16.33	11.4	13.0
Prekindergarten and kindergarten	13.41	9.8	31.9	14.07	9.2	34.8	—	—	—
Elementary school teachers	23.39	7.2	32.3	23.54	7.1	37.8	22.75	14.0	20.1
Secondary school teachers	22.87	5.6	35.7	23.11	6.1	37.7	18.31	5.7	17.5
Teachers, special education	19.95	9.5	32.7	19.88	9.7	35.6	—	—	—
Teachers, n.e.c.	17.84	9.1	19.7	18.91	9.0	38.0	15.40	17.0	9.4
Vocational and educational counselors	14.40	12.6	36.7	14.48	12.5	38.5	—	—	—
Librarians, archivists, and curators	21.51	8.1	36.2	21.46	8.2	36.6	—	—	—
Librarians	20.69	6.4	35.8	20.62	6.6	36.2	—	—	—
Archivists and curators	24.17	26.0	37.9	24.17	26.0	37.9	—	—	—
Social scientists and urban planners	23.00	8.1	35.3	22.69	8.9	38.0	27.33	9.5	17.6
Economists	26.85	8.9	38.0	26.85	8.9	38.0	—	—	—
Psychologists	18.07	5.0	31.8	16.22	5.7	38.0	27.33	9.5	17.6
Social, recreation, and religious workers	15.66	3.7	34.4	15.76	3.9	38.1	14.81	5.6	18.9
Social workers	15.82	3.6	34.5	15.93	3.8	37.9	14.87	5.9	19.4
Recreation workers	11.22	12.3	33.2	10.63	13.7	39.5	—	—	—

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 1997–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									
Lawyers and judges	\$41.90	6.3	45.8	\$41.90	6.3	45.8	–	–	–
Lawyers	41.90	6.3	45.8	41.90	6.3	45.8	–	–	–
Writers, authors, entertainers, athletes, and professionals, n.e.c.	24.26	5.7	34.8	24.14	6.0	38.4	\$26.04	15.3	14.7
Technical writers	20.83	7.1	39.2	20.83	7.1	39.2	–	–	–
Designers	22.50	6.2	38.8	22.76	6.3	39.2	–	–	–
Musicians and composers	49.77	6.5	12.7	–	–	–	–	–	–
Actors and directors	31.57	13.5	35.3	32.63	12.9	37.6	–	–	–
Painters, sculptors, craft artists, and artist printmakers	21.01	16.5	28.4	17.28	18.6	38.3	–	–	–
Editors and reporters	25.36	11.1	37.3	25.56	11.0	37.4	–	–	–
Public relations specialists	24.13	7.3	39.0	24.13	7.3	39.0	–	–	–
Athletes	16.38	11.2	18.5	18.36	11.2	37.8	13.14	15.7	10.1
Professional, n.e.c.	24.66	11.6	39.1	24.66	11.6	39.1	–	–	–
Technical	18.08	2.2	35.7	18.47	2.2	38.7	13.93	3.0	19.8
Clinical laboratory technologists and technicians	16.35	4.3	35.3	16.47	4.3	38.5	15.10	9.7	18.7
Health record technologists and technicians	13.13	7.1	30.3	13.63	5.8	38.5	10.94	10.1	15.8
Radiological technicians	17.55	2.7	32.2	17.87	2.9	38.6	16.12	5.7	18.6
Licensed practical nurses	14.09	1.8	32.7	14.13	2.1	38.6	13.95	3.3	22.4
Health technologists and technicians, n.e.c.	14.09	4.6	33.2	14.16	5.1	38.7	13.60	5.0	17.0
Electrical and electronic technicians	18.98	5.0	40.2	18.98	5.0	40.2	–	–	–
Mechanical engineering technicians	20.75	3.8	39.6	20.75	3.8	39.6	–	–	–
Engineering technicians, n.e.c.	19.30	2.8	39.2	19.31	2.8	39.8	–	–	–
Drafters	15.54	4.4	39.4	15.58	4.4	39.9	–	–	–
Biological technicians	17.66	9.2	39.7	17.66	9.2	39.7	–	–	–
Chemical technicians	17.17	4.5	39.2	17.19	4.5	39.6	–	–	–
Science technicians, n.e.c.	16.67	5.8	38.8	16.74	5.8	39.3	–	–	–
Airplane pilots and navigators	56.17	25.5	26.8	56.17	25.5	26.8	–	–	–
Broadcast equipment operators	25.50	14.3	34.0	28.05	8.9	38.5	6.09	7.4	17.9
Computer programmers	20.57	4.4	38.2	20.62	4.5	38.9	–	–	–
Legal assistants	16.72	5.6	37.7	16.85	5.2	38.8	–	–	–
Technical and related, n.e.c.	21.47	3.1	37.5	21.69	3.0	39.2	11.62	11.6	12.8
Executive, administrative, and managerial	30.69	2.1	39.5	30.71	2.1	39.7	26.65	12.6	22.2
Executives, administrators, and managers	34.73	2.2	39.8	34.79	2.3	40.0	27.80	13.8	22.5
Financial managers	39.93	6.4	40.2	39.93	6.4	40.2	–	–	–
Personnel and labor relations managers	37.36	9.9	39.5	37.63	10.2	40.2	–	–	–
Purchasing managers	34.14	10.0	40.7	34.14	10.0	40.7	–	–	–
Managers, marketing, advertising, and public relations	37.65	4.6	40.0	37.65	4.6	40.0	–	–	–
Administrators, education and related fields	26.00	9.8	35.9	26.61	9.6	38.0	–	–	–
Managers, medicine and health	32.78	5.5	38.5	32.94	5.6	39.3	25.67	9.6	20.5
Managers, food servicing and lodging establishments	19.60	7.4	44.3	19.60	7.4	44.3	–	–	–
Managers, service organizations, n.e.c.	32.38	9.7	38.0	32.56	9.6	38.2	–	–	–
Managers and administrators, n.e.c.	33.98	2.8	40.0	33.98	2.8	40.2	–	–	–
Management related	23.03	3.2	39.0	23.04	3.2	39.1	20.06	6.1	20.7
Accountants and auditors	23.66	5.5	38.8	23.66	5.5	38.9	–	–	–
Underwriters	26.95	13.4	38.0	26.95	13.4	38.0	–	–	–
Other financial officers	25.06	11.4	38.3	25.08	11.4	38.5	–	–	–
Management analysts	27.05	8.2	39.9	27.09	8.3	40.1	–	–	–
Personnel, training, and labor relations specialists	21.72	5.5	39.5	21.74	5.5	39.5	–	–	–
Buyers, wholesale and retail trade, except farm products	23.54	10.7	40.1	23.54	10.7	40.1	–	–	–
Purchasing agents and buyers, n.e.c.	20.51	7.2	39.1	20.51	7.2	39.1	–	–	–
Inspectors and compliance officers, except construction	24.44	6.1	37.6	24.44	6.1	37.6	–	–	–
Management related, n.e.c.	21.34	4.0	39.2	21.34	4.0	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 1997–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	\$13.72	4.1	32.0	\$16.38	4.4	39.8	\$7.19	3.9	21.7
Supervisors, sales	19.83	7.5	40.1	20.07	7.5	40.4	–	–	–
Insurance sales	29.85	10.3	37.8	29.85	10.3	37.8	–	–	–
Securities and financial services sales	30.02	22.0	35.5	30.87	22.5	39.5	–	–	–
Advertising and related sales	21.26	20.1	37.0	22.27	20.6	38.3	–	–	–
Sales, other business services	17.64	11.0	33.7	19.59	8.0	39.4	–	–	–
Sales engineers	23.07	9.1	42.1	23.07	9.1	42.1	–	–	–
Sales representatives, mining, manufacturing, and wholesale	21.33	6.5	40.5	21.33	6.5	40.5	–	–	–
Sales workers, motor vehicles and boats	20.00	14.4	43.6	20.00	14.4	43.6	–	–	–
Sales workers, apparel	7.27	7.1	31.0	7.62	9.0	38.2	6.45	5.5	21.5
Sales workers, furniture and home furnishings ..	11.70	16.1	39.4	11.86	15.8	41.7	–	–	–
Sales workers, radio, tv, hi-fi, and appliances ...	8.89	9.6	35.0	9.05	10.6	40.6	–	–	–
Sales workers, hardware and building supplies ..	14.04	12.1	36.6	15.14	11.6	40.0	–	–	–
Sales workers, parts	17.98	16.3	38.0	–	–	–	–	–	–
Sales workers, other commodities	11.23	15.8	28.4	14.43	20.5	39.6	6.92	4.0	20.6
Sales counter clerks	8.34	9.4	30.7	9.53	8.5	39.9	6.62	11.6	23.1
Cashiers	7.79	3.4	27.0	9.75	3.7	39.5	6.39	1.9	22.0
Street and door-to-door sales workers	35.83	41.6	27.3	–	–	–	–	–	–
Demonstrators, promoters, and models, sales ..	8.41	9.2	26.9	9.68	12.2	36.7	7.20	3.4	21.5
Sales support, n.e.c.	11.78	9.2	35.7	12.19	9.6	38.9	8.76	13.4	22.3
Administrative support, including clerical	12.87	1.5	36.5	13.18	1.5	38.8	9.58	4.0	22.4
Supervisors, general office	18.48	4.4	39.1	18.48	4.4	39.1	–	–	–
Supervisors, computer equipment operators	19.11	8.3	38.6	19.11	8.3	38.6	–	–	–
Supervisors, financial records processing	18.36	4.7	38.8	18.38	4.7	39.2	–	–	–
Supervisors, distribution, scheduling, and adjusting clerks	17.96	12.5	39.8	17.96	12.5	39.8	–	–	–
Computer operators	14.07	5.1	37.6	14.00	5.2	38.6	–	–	–
Secretaries	14.42	1.9	37.3	14.54	1.9	38.4	12.46	6.4	25.1
Stenographers	12.19	6.7	36.3	12.17	7.3	38.8	–	–	–
Typists	13.13	5.2	37.0	13.34	5.1	38.0	8.91	9.8	25.1
Interviewers	9.74	7.1	29.0	10.14	8.6	37.9	8.53	10.6	16.9
Hotel clerks	9.09	6.4	37.6	9.11	6.5	38.4	–	–	–
Transportation ticket and reservation agents	15.18	7.8	34.8	15.99	6.3	38.5	10.11	9.9	21.6
Receptionists	10.20	2.6	34.7	10.52	2.7	39.0	8.06	5.2	20.0
Information clerks, n.e.c.	12.39	11.1	33.9	11.04	4.5	39.2	15.30	22.6	26.2
Correspondence clerks	12.15	6.2	39.2	12.16	6.2	39.5	–	–	–
Order clerks	14.36	5.7	37.4	14.70	5.6	39.0	8.18	6.2	21.5
Personnel clerks, except payroll and timekeeping	14.10	5.2	38.6	14.19	5.2	39.1	–	–	–
Library clerks	12.24	4.6	30.9	13.01	4.5	35.8	10.22	6.8	22.8
File clerks	9.64	5.6	35.6	9.64	5.8	37.7	–	–	–
Records clerks, n.e.c.	11.96	3.6	35.9	12.21	3.6	38.5	9.32	5.1	21.0
Bookkeepers, accounting and auditing clerks ...	12.63	2.5	38.0	12.78	2.4	38.8	8.30	4.2	23.7
Payroll and timekeeping clerks	13.00	4.8	38.5	13.10	5.0	39.9	–	–	–
Billing clerks	10.90	3.6	38.2	10.87	3.5	39.1	–	–	–
Billing, posting, and calculating machine operators	10.04	16.3	33.3	–	–	–	–	–	–
Duplicating machine operators	10.31	9.5	33.6	10.72	10.8	38.2	–	–	–
Telephone operators	12.61	6.7	33.8	13.41	6.1	38.1	8.71	6.2	21.8
Mail clerks, except postal service	10.22	8.3	36.9	10.30	8.8	38.2	9.22	6.3	24.9
Messengers	12.67	11.2	37.4	–	–	–	–	–	–
Dispatchers	13.28	8.2	37.3	13.42	8.4	39.4	–	–	–
Production coordinators	14.20	6.2	38.9	14.50	6.3	39.9	–	–	–
Traffic, shipping and receiving clerks	12.15	6.5	37.8	12.25	6.7	39.6	–	–	–
Stock and inventory clerks	11.17	6.2	33.7	12.40	4.5	39.4	–	–	–
Meter readers	17.16	3.5	40.0	17.16	3.5	40.0	–	–	–
Weighers, measurers, checkers, and samplers ..	13.54	18.3	39.1	14.13	17.9	40.0	–	–	–
Expeditors	12.57	10.9	36.8	13.32	10.4	39.7	–	–	–
Material recording, scheduling, and distribution clerks, n.e.c.	10.77	7.6	32.4	11.69	8.4	38.9	7.84	6.5	21.0

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 1997—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									
Insurance adjusters, examiners, and investigators	\$15.22	10.2	39.2	\$15.22	10.2	39.2	—	—	—
Investigators and adjusters, except insurance ...	12.50	3.1	34.8	12.98	4.6	39.4	—	—	—
Eligibility clerks, social welfare	12.28	12.1	39.0	12.28	12.1	39.0	—	—	—
Bill and account collectors	11.21	4.8	36.9	11.38	6.6	39.7	—	—	—
General office clerks	12.41	4.5	36.0	12.77	4.6	38.7	\$9.20	3.3	22.5
Bank tellers	9.18	3.0	34.9	9.31	3.0	38.3	8.26	4.8	21.6
Data entry keyers	9.92	3.7	37.7	10.03	4.1	39.2	8.97	6.1	29.1
Statistical clerks	13.52	9.7	36.3	13.60	10.0	37.0	—	—	—
Teachers' aides	8.24	4.0	35.4	8.19	5.2	37.4	—	—	—
Administrative support, n.e.c.	12.82	4.4	34.7	13.39	4.5	38.4	9.18	8.9	21.4
Blue collar	12.98	2.8	37.9	13.23	3.0	39.9	9.23	8.1	21.8
Precision production, craft, and repair									
Supervisors, mechanics and repairers	21.97	4.9	38.5	22.15	5.1	40.2	—	—	—
Automobile mechanics	15.48	6.0	40.2	15.52	5.9	40.4	—	—	—
Bus, truck, and stationary engine mechanics	16.49	2.9	40.0	16.49	2.9	40.0	—	—	—
Automobile body and related repairers	13.13	3.4	40.2	13.13	3.4	40.2	—	—	—
Aircraft mechanics, except engine	16.50	5.1	40.0	16.50	5.1	40.0	—	—	—
Heavy equipment mechanics	17.53	10.2	40.0	17.53	10.2	40.0	—	—	—
Industrial machinery repairers	16.20	2.9	40.0	16.20	2.9	40.0	—	—	—
Machinery maintenance	17.22	5.0	40.0	17.22	5.0	40.0	—	—	—
Electronic repairers, communications and industrial equipment	19.49	6.1	38.9	19.56	6.2	40.0	—	—	—
Data processing equipment repairers	—	—	—	13.35	12.0	40.0	—	—	—
Telephone line installers and repairers	21.07	2.5	40.4	21.07	2.5	40.4	—	—	—
Telephone installers and repairers	18.06	8.1	40.0	18.06	8.1	40.0	—	—	—
Heating, air conditioning, and refrigeration mechanics	19.62	4.0	40.0	19.62	4.0	40.0	—	—	—
Office machine repairers	16.11	5.7	38.7	16.11	5.7	38.7	—	—	—
Mechanical controls and valve repairers	23.76	3.5	40.0	23.76	3.5	40.0	—	—	—
Millwrights	18.67	10.1	40.0	18.67	10.1	40.0	—	—	—
Mechanics and repairers, n.e.c.	17.82	3.5	39.0	17.90	3.5	39.5	—	—	—
Supervisors, electricians and power transmission installers	28.39	9.4	39.1	28.39	9.4	39.1	—	—	—
Supervisors, construction trades, n.e.c.	21.07	10.8	39.7	21.07	10.8	39.7	—	—	—
Carpenters	19.13	6.8	39.3	19.72	6.7	40.3	—	—	—
Electricians	22.30	5.4	39.6	22.27	5.4	39.8	—	—	—
Electrician apprentices	15.58	13.7	39.9	15.58	13.7	39.9	—	—	—
Electrical power installers and repairers	24.91	2.4	40.0	24.91	2.4	40.0	—	—	—
Painters, construction and maintenance	17.25	14.1	39.1	17.34	14.1	39.3	—	—	—
Plumbers, pipefitters and steamfitters	22.08	3.0	39.8	22.08	3.0	39.8	—	—	—
Construction trades, n.e.c.	16.94	8.2	39.3	16.94	8.2	39.3	—	—	—
Supervisors, production	19.09	2.4	40.3	19.09	2.4	40.3	—	—	—
Tool and die makers	18.61	1.8	40.7	18.61	1.8	40.7	—	—	—
Precision assemblers, metal	16.98	5.4	40.0	16.98	5.4	40.0	—	—	—
Machinists	16.02	2.6	40.0	16.02	2.6	40.0	—	—	—
Sheet metal workers	16.05	9.4	40.0	16.05	9.4	40.0	—	—	—
Electrical and electronic equipment assemblers	10.49	4.0	39.6	10.52	4.0	39.9	—	—	—
Miscellaneous precision workers, n.e.c.	17.18	8.6	39.9	17.18	8.6	39.9	—	—	—
Butchers and meat cutters	13.65	6.8	39.3	13.75	6.9	40.0	—	—	—
Bakers	9.81	13.6	32.6	10.88	15.7	37.5	—	—	—
Food batchmakers	8.50	7.8	34.7	9.08	11.0	40.0	—	—	—
Inspectors, testers, and graders	17.86	6.5	40.0	17.86	6.5	40.0	—	—	—
Stationary engineers	19.05	4.5	38.1	19.00	4.7	39.6	—	—	—
Miscellaneous plant and system operators, n.e.c.	18.74	4.5	41.4	18.74	4.5	41.4	—	—	—
Machine operators, assemblers, and inspectors	11.06	5.0	39.7	11.10	5.0	40.0	6.50	9.7	23.9

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 1997—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—Continued									
Lathe and turning machine operators	\$13.31	5.3	39.4	\$13.31	5.3	39.4	—	—	—
Punching and stamping press operators	11.82	8.9	41.0	11.82	8.9	41.0	—	—	—
Rolling machine operators	17.96	11.1	40.0	17.96	11.1	40.0	—	—	—
Drilling and boring machine operators	14.39	7.8	40.0	14.39	7.8	40.0	—	—	—
Grinding, abrading, buffing, and polishing machine operators	13.19	5.2	40.4	13.19	5.2	40.4	—	—	—
Numerical control machine operators	12.56	6.6	42.2	12.56	6.6	42.2	—	—	—
Fabricating machine operators, n.e.c.	13.10	5.4	40.0	13.10	5.4	40.0	—	—	—
Molding and casting machine operators	10.17	10.9	39.2	10.23	11.1	39.3	—	—	—
Metal plating machine operators	12.42	4.0	40.0	12.42	4.0	40.0	—	—	—
Heat treating equipment operators	15.72	10.5	39.4	15.72	10.5	39.4	—	—	—
Printing press operators	15.89	6.6	39.3	15.89	6.6	39.3	—	—	—
Photoengravers and lithographers	14.37	11.1	37.6	14.37	11.1	37.6	—	—	—
Winding and twisting machine operators	9.75	6.3	38.4	9.82	6.3	40.0	—	—	—
Knitting, looping, taping, and weaving machine operators	9.92	6.5	40.0	9.92	6.5	40.0	—	—	—
Laundry and dry cleaning machine operators	8.95	4.1	37.4	8.97	4.1	39.5	\$8.54	15.9	17.8
Packaging and filling machine operators	10.08	13.0	40.0	10.09	13.0	40.1	—	—	—
Extruding and forming machine operators	10.34	8.5	40.1	10.34	8.5	40.1	—	—	—
Mixing and blending machine operators	13.30	5.0	40.0	13.30	5.0	40.0	—	—	—
Separating, filtering, and clarifying machine operators	14.35	2.6	40.0	14.35	2.6	40.0	—	—	—
Painting and paint spraying machine operators	12.84	3.7	40.0	12.84	3.7	40.0	—	—	—
Folding machine operators	10.40	6.8	39.1	10.40	6.8	39.1	—	—	—
Furnace, kiln, and oven operators, except food	12.80	7.1	39.2	12.80	7.2	40.0	—	—	—
Crushing and grinding machine operators	14.28	3.6	40.0	14.28	3.6	40.0	—	—	—
Slicing and cutting machine operators	11.81	3.3	40.5	11.81	3.3	40.5	—	—	—
Photographic process machine operators	10.56	8.1	40.0	10.59	8.1	40.2	—	—	—
Miscellaneous machine operators, n.e.c.	12.71	3.7	39.1	12.97	3.0	39.9	—	—	—
Welders and cutters	15.66	2.2	40.6	15.66	2.2	40.6	—	—	—
Solders and braziers	9.31	6.6	40.0	9.45	7.5	40.0	—	—	—
Assemblers	10.15	3.4	39.5	10.22	3.4	40.0	6.31	2.7	24.1
Miscellaneous hand working, n.e.c.	10.91	9.9	40.0	10.91	9.9	40.0	—	—	—
Production inspectors, checkers and examiners	11.64	3.9	40.1	11.64	3.9	40.1	—	—	—
Production testers	13.43	9.6	40.0	13.43	9.6	40.0	—	—	—
Graders and sorters, except agricultural	12.32	20.5	39.1	12.32	20.5	39.1	—	—	—
Transportation and material moving	14.27	2.4	35.8	14.72	2.2	39.9	11.18	10.4	21.0
Truck drivers	14.94	1.9	36.5	15.26	1.9	40.1	—	—	—
Driver-sales workers	17.98	5.5	39.8	18.36	4.9	40.6	—	—	—
Bus drivers	11.63	8.1	30.6	12.58	9.0	36.1	9.99	7.3	24.2
Taxicab drivers and chauffeurs	9.30	11.3	33.9	9.81	12.2	39.2	7.30	8.4	22.1
Motor transportation, n.e.c.	11.89	14.2	36.4	12.47	14.2	40.0	—	—	—
Supervisors, material moving equipment	17.46	8.4	40.0	17.46	8.4	40.0	—	—	—
Crane and tower operators	17.56	9.8	40.0	17.56	9.8	40.0	—	—	—
Excavating and loading machine operators	15.45	6.2	40.0	15.45	6.2	40.0	—	—	—
Industrial truck and tractor equipment operators	11.85	3.6	40.3	11.85	3.6	40.3	—	—	—
Miscellaneous material moving equipment operators, n.e.c.	14.39	4.3	29.6	14.96	4.2	39.6	—	—	—
Handlers, equipment cleaners, helpers, and laborers	10.08	2.5	35.4	10.52	2.6	39.8	7.68	4.7	21.9
Groundskeepers and gardeners, except farm ...	10.18	5.3	35.9	10.22	5.7	39.4	—	—	—
Supervisors, handlers, equipment cleaners, and laborers, n.e.c.	15.75	7.8	36.1	15.85	9.1	39.1	—	—	—
Helpers, mechanics and repairers	9.89	5.4	35.4	10.00	6.0	40.0	—	—	—
Helpers, construction trades	12.84	20.0	39.4	12.84	20.0	39.4	—	—	—
Construction laborers	11.37	6.9	39.8	11.37	6.9	39.8	—	—	—
Production helpers	9.72	6.4	38.8	9.78	6.4	39.6	—	—	—
Stock handlers and baggers	9.02	4.8	30.2	10.72	6.6	39.9	6.17	1.4	21.5

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 1997—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									
Machine feeders and offbearers	\$8.79	5.7	38.5	\$8.88	5.8	39.7	—	—	—
Freight, stock, and material handlers, n.e.c.	11.35	5.0	32.5	12.04	5.1	39.9	\$9.35	3.2	21.1
Vehicle washers and equipment cleaners	10.80	11.8	36.6	11.37	11.8	39.7	—	—	—
Hand packers and packagers	9.26	5.4	39.3	9.39	5.5	40.0	6.70	10.1	29.3
Laborers, except construction, n.e.c.	9.74	3.7	38.8	9.81	3.8	40.0	8.50	11.6	25.9
Service									
Protective service	9.59	5.5	34.2	9.94	6.3	39.3	8.09	6.0	21.9
Supervisors, guards	16.15	6.4	39.2	16.14	6.5	39.9	—	—	—
Guards and police, except public service	9.21	5.9	34.8	9.44	6.9	39.2	8.28	5.7	23.8
Protective service, n.e.c.	9.52	23.0	25.4	10.82	28.8	39.3	6.12	8.3	13.1
Food service	6.97	2.4	28.1	8.08	2.8	37.6	5.29	2.1	20.4
Supervisors, food preparation and service	11.47	8.7	38.1	11.65	8.7	39.4	6.77	7.5	19.9
Bartenders	6.51	14.9	25.0	7.90	16.1	35.7	4.35	11.0	17.1
Waiters and waitresses	4.44	6.4	25.0	4.93	9.0	36.6	3.89	6.2	18.5
Cooks	8.78	4.5	33.6	9.37	3.4	37.7	6.67	7.8	24.2
Food counter, fountain, and related	6.92	5.5	26.3	8.10	6.3	38.6	5.65	2.7	19.5
Kitchen workers, food preparation	8.38	4.7	29.1	9.44	6.0	38.2	6.63	2.2	20.8
Waiters/Waitresses' assistants	5.61	5.8	26.4	6.23	6.4	36.3	4.34	11.6	16.8
Food preparation, n.e.c.	6.61	4.0	27.6	7.72	3.0	37.6	5.63	3.6	22.3
Health service	8.84	2.1	33.2	8.96	2.5	37.7	8.29	2.2	21.1
Health aides, except nursing	10.14	2.9	32.9	10.43	3.1	38.6	8.54	4.3	18.1
Nursing aides, orderlies and attendants	8.59	2.2	33.2	8.66	2.6	37.5	8.25	2.4	21.6
Cleaning and building service	9.42	4.8	33.4	10.12	4.5	39.2	7.15	3.2	22.4
Supervisors, cleaning and building service workers	11.82	9.5	38.8	12.81	7.9	39.3	—	—	—
Maids and housemen	9.77	5.5	35.7	9.82	5.6	37.8	9.10	12.3	20.6
Janitors and cleaners	9.11	6.1	32.1	9.98	6.1	39.4	7.00	3.0	22.1
Personal service	9.35	3.5	29.7	10.14	4.4	36.4	7.05	3.5	19.3
Supervisors, personal service	17.68	7.5	34.7	18.49	7.7	40.0	—	—	—
Attendants, amusement, and recreation facilities	6.88	5.6	29.2	7.56	6.1	39.7	5.22	2.9	17.8
Ushers	8.21	5.3	20.5	—	—	—	—	—	—
Public transportation attendants	13.96	16.8	26.6	15.33	15.1	27.3	—	—	—
Baggage porters and bellhops	6.08	22.0	39.1	5.50	15.9	39.7	—	—	—
Welfare service aides	8.56	4.6	31.9	8.90	4.6	38.8	7.62	6.7	21.5
Early childhood teachers' assistants	7.62	6.2	24.2	9.13	8.1	35.2	6.53	9.5	19.7
Child care workers, n.e.c.	7.98	2.7	31.9	8.10	3.4	39.4	7.44	4.1	16.8
Service, n.e.c.	9.07	7.8	28.6	9.92	9.8	35.4	6.94	6.6	19.3

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 1996 and June

1998. The average reference period was July 1997.

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 1997

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	\$21.25	1.5	35.5	\$21.81	1.4	37.7	\$13.21	3.3	19.4
All excluding sales	21.28	1.5	35.5	21.84	1.4	37.7	13.22	3.3	19.4
White collar	24.60	1.8	34.7	25.07	1.8	36.6	16.54	5.2	18.2
White collar excluding sales	24.67	1.8	34.7	25.14	1.8	36.6	16.58	5.3	18.2
Professional specialty and technical	30.00	2.1	34.3	30.33	2.1	36.2	23.48	5.2	17.0
Professional specialty	31.29	2.0	34.2	31.61	2.1	36.0	24.80	5.2	17.1
Engineers, architects, and surveyors	23.57	3.4	38.1	23.57	3.4	38.1	—	—	—
Civil engineers	23.52	6.6	38.2	23.52	6.6	38.2	—	—	—
Mathematical and computer scientists	19.31	8.1	39.4	19.31	8.1	39.4	—	—	—
Computer systems analysts and scientists	19.31	8.1	39.4	19.31	8.1	39.4	—	—	—
Natural scientists	27.05	8.3	37.5	27.05	8.3	37.5	—	—	—
Health related	22.05	2.9	39.0	21.96	3.1	40.5	23.80	9.9	23.3
Physicians	23.67	11.0	53.2	23.21	11.4	54.4	—	—	—
Registered nurses	21.25	3.2	36.6	21.36	3.4	37.7	19.35	10.9	24.2
Pharmacists	21.93	5.5	39.1	21.93	5.5	39.1	—	—	—
Dietitians	15.38	8.4	37.6	15.38	8.4	37.6	—	—	—
Therapists, n.e.c.	18.99	1.6	39.5	18.99	1.6	39.5	—	—	—
Teachers, college and university	43.44	2.7	31.7	42.14	3.2	36.2	59.16	8.5	12.6
Biological science teachers	36.67	7.8	35.1	36.67	7.8	35.1	—	—	—
Natural science teachers, n.e.c.	49.38	2.6	39.2	49.38	2.6	39.2	—	—	—
Mathematical science teachers	43.36	4.5	31.3	—	—	—	—	—	—
Health specialties teachers	32.86	9.1	31.9	32.53	8.8	39.7	—	—	—
Business, commerce, and marketing teachers ..	58.93	21.7	23.6	—	—	—	—	—	—
English teachers	42.20	5.5	35.0	42.26	5.6	35.6	—	—	—
Teachers, post secondary, n.e.c.	41.16	3.9	31.9	41.74	4.1	35.3	26.85	10.5	9.6
Teachers, except college and university	34.69	2.3	33.3	35.45	2.3	34.9	20.28	4.6	17.9
Prekindergarten and kindergarten	35.35	7.2	33.7	35.37	7.4	34.5	—	—	—
Elementary school teachers	35.96	2.5	35.2	36.09	2.5	35.5	—	—	—
Secondary school teachers	36.61	3.0	35.7	36.88	3.1	35.9	30.58	3.6	32.3
Teachers, special education	35.22	2.9	33.8	35.69	2.9	34.1	—	—	—
Teachers, n.e.c.	34.37	4.1	31.5	35.13	4.1	33.7	15.95	7.3	12.3
Substitute teachers	11.27	7.3	17.4	—	—	—	11.68	10.4	14.1
Vocational and educational counselors	30.28	11.5	35.1	30.46	11.4	35.2	—	—	—
Librarians, archivists, and curators	32.21	13.9	33.4	32.40	14.0	34.5	—	—	—
Librarians	33.91	14.3	33.3	34.15	14.4	34.4	—	—	—
Social scientists and urban planners	33.75	7.6	35.3	33.78	7.6	35.4	—	—	—
Psychologists	34.66	7.1	35.1	34.69	7.1	35.3	—	—	—
Social, recreation, and religious workers	19.07	3.9	36.1	19.21	4.0	37.2	—	—	—
Social workers	19.32	4.1	36.4	19.46	4.2	37.2	—	—	—
Recreation workers	15.36	9.4	32.9	15.44	9.7	38.4	—	—	—
Lawyers and judges	28.83	6.1	33.3	28.18	6.2	36.4	—	—	—
Lawyers	28.68	6.2	34.5	28.18	6.2	36.4	—	—	—
Writers, authors, entertainers, athletes, and professionals, n.e.c.	19.18	7.4	29.2	19.47	8.8	38.2	18.34	15.5	17.2
Technical	15.73	2.6	35.3	15.94	2.8	38.2	12.64	7.8	16.7
Clinical laboratory technologists and technicians	17.56	12.8	36.5	17.85	13.3	38.0	—	—	—
Licensed practical nurses	14.15	2.2	34.3	14.03	2.2	39.3	15.28	4.3	15.8
Health technologists and technicians, n.e.c.	16.37	8.0	35.8	16.76	9.6	38.3	—	—	—
Computer programmers	17.40	7.5	37.6	17.40	7.5	37.6	—	—	—
Technical and related, n.e.c.	14.82	9.2	34.7	15.12	9.0	36.7	—	—	—
Executive, administrative, and managerial	26.78	4.2	36.9	26.94	4.3	37.6	15.12	16.7	15.6
Executives, administrators, and managers	32.30	4.4	37.1	32.55	4.4	37.6	—	—	—
Administrators and officials, public administration	28.35	4.6	36.7	28.35	4.6	36.7	—	—	—
Financial managers	31.28	14.1	38.6	31.28	14.1	38.6	—	—	—
Administrators, education and related fields	39.71	5.8	37.4	39.80	5.8	37.5	—	—	—
Managers, medicine and health	25.61	5.6	38.3	25.61	5.6	38.3	—	—	—
Managers, service organizations, n.e.c.	19.28	13.6	35.1	21.60	12.8	36.6	—	—	—
Managers and administrators, n.e.c.	34.10	10.7	38.4	34.10	10.7	38.4	—	—	—
Management related	20.86	4.8	36.6	20.89	4.8	37.5	18.67	13.3	14.4
Accountants and auditors	20.29	7.1	34.2	20.26	7.6	37.1	—	—	—

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 1997–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									
Other financial officers	\$24.56	5.2	35.3	\$24.59	5.1	35.4	–	–	–
Management analysts	24.56	3.7	35.4	24.56	3.7	35.4	–	–	–
Personnel, training, and labor relations specialists	18.70	6.3	38.5	18.70	6.3	38.5	–	–	–
Construction inspectors	19.45	9.1	35.1	19.12	8.7	38.8	–	–	–
Inspectors and compliance officers, except construction	18.21	10.1	37.8	18.21	10.1	37.8	–	–	–
Management related, n.e.c.	23.56	4.4	36.5	23.75	4.2	37.7	–	–	–
Sales	14.78	4.2	38.0	15.03	4.2	39.3	–	–	–
Cashiers	14.38	7.1	37.0	14.75	6.7	38.8	–	–	–
Administrative support, including clerical	13.40	2.1	34.1	13.74	2.0	36.9	\$10.13	11.5	19.8
Supervisors, general office	17.23	6.7	36.7	17.23	6.7	36.7	–	–	–
Computer operators	16.38	7.1	35.4	16.46	7.0	36.2	–	–	–
Secretaries	14.84	2.9	36.6	14.93	2.9	37.1	–	–	–
Stenographers	17.41	9.8	34.5	17.57	10.1	37.5	–	–	–
Typists	11.20	6.6	34.3	11.36	6.4	37.4	9.49	8.7	17.9
Receptionists	10.34	3.4	38.6	10.38	3.2	38.8	–	–	–
Personnel clerks, except payroll and timekeeping	12.13	6.4	35.1	12.13	6.4	35.1	–	–	–
Library clerks	10.82	2.7	28.0	11.40	2.4	35.6	8.69	4.7	15.6
Records clerks, n.e.c.	13.08	5.1	38.2	13.08	5.1	38.2	–	–	–
Bookkeepers, accounting and auditing clerks ...	13.26	6.6	33.3	13.29	6.6	36.9	–	–	–
Telephone operators	11.23	4.1	35.2	–	–	–	–	–	–
Dispatchers	17.52	11.7	39.2	17.61	11.7	39.9	–	–	–
Stock and inventory clerks	12.06	6.7	38.5	12.07	6.7	38.6	–	–	–
Eligibility clerks, social welfare	13.99	3.3	35.3	13.99	3.3	35.3	–	–	–
General office clerks	12.22	6.1	33.9	12.97	4.7	36.7	6.66	15.7	21.7
Data entry keyers	11.55	4.5	39.6	11.55	4.5	39.6	–	–	–
Teachers' aides	11.28	6.1	27.6	10.75	5.2	33.6	12.09	10.2	21.7
Administrative support, n.e.c.	12.69	5.1	34.1	13.10	4.7	36.7	7.73	7.9	18.4
Blue collar	16.29	2.7	37.7	16.50	2.8	39.4	12.49	6.3	21.1
Precision production, craft, and repair									
Automobile mechanics	18.17	3.8	39.3	18.17	3.8	39.4	–	–	–
Bus, truck, and stationary engine mechanics	21.56	5.0	39.5	21.56	5.0	39.5	–	–	–
Heating, air conditioning, and refrigeration mechanics	16.75	4.6	39.3	16.75	4.6	39.3	–	–	–
Mechanics and repairers, n.e.c.	17.33	9.9	39.0	17.33	9.9	39.0	–	–	–
Supervisors, construction trades, n.e.c.	15.02	6.2	39.3	15.02	6.2	39.3	–	–	–
Carpenters	20.82	12.9	39.7	20.82	12.9	39.7	–	–	–
Electricians	17.31	15.1	37.2	17.35	15.2	37.7	–	–	–
Plumbers, pipefitters and steamfitters	16.04	5.1	39.4	16.04	5.1	39.4	–	–	–
Construction trades, n.e.c.	17.81	6.1	38.9	17.81	6.1	38.9	–	–	–
Stationary engineers	12.19	7.2	39.9	12.19	7.2	39.9	–	–	–
Stationary engineers	15.97	3.8	39.2	15.97	3.8	39.2	–	–	–
Machine operators, assemblers, and inspectors	13.72	7.3	36.2	13.99	7.4	38.8	–	–	–
Laundry and dry cleaning machine operators	11.20	5.3	31.2	–	–	–	–	–	–
Transportation and material moving	16.08	4.0	35.6	16.31	4.5	39.3	14.27	4.9	20.3
Truck drivers	15.97	7.6	38.1	16.12	7.5	39.7	–	–	–
Bus drivers	16.43	2.5	31.9	17.11	2.4	39.2	14.25	5.6	20.0
Motor transportation, n.e.c.	14.26	8.7	39.2	14.26	8.7	39.2	–	–	–
Miscellaneous material moving equipment operators, n.e.c.	15.09	4.3	37.6	15.09	4.3	37.6	–	–	–

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 1997—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	\$13.79	4.9	38.4	\$14.12	4.8	39.6	\$7.41	8.3	24.5
Groundskeepers and gardeners, except farm ...	11.81	7.3	37.1	12.36	11.4	39.3	—	—	—
Supervisors, handlers, equipment cleaners, and laborers, n.e.c.	17.45	12.7	39.9	17.45	12.7	39.9	—	—	—
Helpers, mechanics and repairers	13.93	6.5	38.8	13.93	6.5	38.8	—	—	—
Construction laborers	11.86	6.2	39.4	12.00	6.3	39.4	—	—	—
Garbage collectors	17.25	3.1	39.9	17.25	3.1	39.9	—	—	—
Laborers, except construction, n.e.c.	12.56	4.6	37.0	13.00	4.6	40.0	8.06	13.0	20.9
Service	16.22	2.5	36.3	16.95	2.4	39.3	9.15	2.6	20.7
Protective service	20.35	2.2	38.5	20.74	2.2	39.8	10.51	5.4	21.0
Supervisors, firefighters and fire prevention	24.03	10.2	44.4	24.03	10.2	44.4	—	—	—
Supervisors, police and detectives	27.46	3.9	39.9	27.46	3.9	39.9	—	—	—
Firefighting	19.17	2.9	43.3	19.17	2.9	43.3	—	—	—
Police and detectives, public service	21.68	3.3	39.5	21.74	3.4	39.6	—	—	—
Sheriffs, bailiffs, and other law enforcement officers	18.08	6.0	34.3	18.77	5.4	38.0	—	—	—
Correctional institution officers	18.68	2.3	39.8	18.69	2.3	39.8	—	—	—
Crossing guards	9.67	6.9	19.0	—	—	—	9.16	8.3	18.7
Guards and police, except public service	13.28	4.6	34.3	14.06	4.0	38.0	9.56	7.2	23.4
Protective service, n.e.c.	15.21	12.5	29.8	—	—	—	—	—	—
Food service	10.35	3.1	29.7	11.18	3.6	37.2	8.79	3.4	21.7
Cooks	11.39	2.8	32.5	11.79	2.4	34.5	—	—	—
Food counter, fountain, and related	8.16	6.4	22.6	—	—	—	8.19	6.7	20.8
Kitchen workers, food preparation	11.66	3.2	38.1	11.83	3.4	40.0	—	—	—
Food preparation, n.e.c.	9.77	3.5	28.2	10.54	5.1	37.7	8.84	4.5	21.6
Health service	12.42	2.4	37.4	12.54	2.4	39.1	9.07	5.6	17.0
Health aides, except nursing	13.56	2.9	37.4	13.66	2.8	38.9	—	—	—
Nursing aides, orderlies and attendants	12.02	3.4	37.4	12.15	3.3	39.2	8.57	5.6	17.0
Cleaning and building service	12.81	2.4	37.7	12.99	2.4	39.3	8.48	3.3	19.5
Supervisors, cleaning and building service workers	20.87	2.7	39.7	20.87	2.7	39.7	—	—	—
Maids and housemen	9.08	3.7	36.1	—	—	—	—	—	—
Janitors and cleaners	12.33	2.6	37.6	12.51	2.6	39.2	8.47	3.6	19.4
Personal service	10.32	4.8	28.4	11.32	6.9	37.7	8.81	3.6	20.7
Attendants, amusement, and recreation facilities	7.82	11.1	27.6	—	—	—	7.17	5.5	19.6
Welfare service aides	11.39	12.1	34.1	12.06	11.9	37.4	—	—	—
Early childhood teachers' assistants	9.83	9.0	33.4	9.92	8.9	36.4	—	—	—
Child care workers, n.e.c.	9.25	2.4	24.3	9.51	8.4	36.3	9.14	3.0	21.4
Service, n.e.c.	10.59	3.9	28.4	11.32	2.5	38.0	—	—	—

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 1996 and June

1998. The average reference period was July 1997.

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. Occupational groups¹ and levels,² Middle Atlantic: Mean hourly earnings³ and weekly hours, private industry and State and local government, National Compensation Survey,⁴ 1997

Occupational group and level	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	\$17.42	1.5	35.7	\$16.47	1.7	35.8	\$21.25	1.5	35.5
All excluding sales	17.66	1.6	36.0	16.69	1.8	36.1	21.28	1.5	35.5
White collar	21.25	1.3	35.8	20.36	1.5	36.1	24.60	1.8	34.7
1	6.92	2.0	25.4	6.86	2.1	25.3	7.47	13.6	26.4
2	8.51	2.8	31.7	8.34	3.1	32.1	9.86	5.2	28.5
3	9.58	1.3	32.9	9.35	1.2	32.6	11.38	4.2	34.7
4	11.95	1.9	35.7	11.88	2.1	35.8	12.44	3.1	35.0
5	13.97	1.2	36.6	13.87	1.4	37.5	14.39	2.7	33.2
6	15.47	1.3	36.7	15.53	1.4	37.3	15.22	2.7	34.4
7	18.74	1.9	36.5	18.17	1.7	37.1	20.98	5.8	34.2
8	22.89	2.4	36.0	20.64	1.7	36.5	29.13	4.9	34.6
9	26.98	1.6	36.1	23.76	1.5	36.7	32.16	2.9	35.1
10	27.62	2.5	37.8	27.69	3.0	38.0	27.34	4.3	37.2
11	29.97	1.5	38.3	29.79	1.8	38.6	30.67	2.8	37.1
12	37.43	1.9	38.8	37.33	2.0	39.3	38.14	4.9	35.9
13	47.18	2.5	39.1	47.23	2.8	39.4	46.78	2.1	36.4
14	58.12	3.9	38.9	58.77	4.3	39.4	53.19	2.0	35.3
15	70.30	10.1	39.6	70.30	10.1	39.6	-	-	-
Not able to be leveled	26.52	4.8	35.3	29.30	5.3	35.1	21.44	7.5	35.7
White collar excluding sales	22.16	1.3	36.3	21.40	1.5	36.8	24.67	1.8	34.7
1	7.69	3.5	27.7	7.75	2.9	28.0	7.47	13.6	26.4
2	9.31	3.0	33.5	9.21	3.4	34.6	9.86	5.2	28.5
3	10.17	1.4	34.8	9.99	1.3	34.8	11.19	4.1	34.6
4	12.23	2.0	36.2	12.20	2.3	36.4	12.42	3.1	35.0
5	13.94	1.1	36.4	13.81	1.4	37.4	14.38	2.7	33.2
6	15.37	1.4	36.5	15.41	1.6	37.1	15.22	2.7	34.4
7	18.79	2.0	36.3	18.17	1.7	36.9	21.12	5.9	34.1
8	23.01	2.5	35.8	20.44	1.6	36.4	29.13	4.9	34.6
9	27.00	1.7	36.0	23.68	1.6	36.6	32.16	2.9	35.1
10	27.69	2.6	37.7	27.76	3.1	37.8	27.45	4.3	37.2
11	29.89	1.5	38.2	29.68	1.8	38.5	30.67	2.8	37.1
12	36.65	1.6	38.8	36.42	1.6	39.3	38.14	4.9	35.9
13	47.18	2.5	39.1	47.23	2.8	39.4	46.78	2.1	36.4
14	57.62	3.8	38.8	58.21	4.3	39.4	53.19	2.0	35.3
15	70.30	10.1	39.6	70.30	10.1	39.6	-	-	-
Not able to be leveled	26.43	4.9	35.2	29.28	5.4	35.0	21.44	7.5	35.7
Professional specialty and technical	26.04	1.4	35.1	24.22	1.8	35.4	30.00	2.1	34.3
Professional specialty	28.26	1.4	34.9	26.51	1.8	35.4	31.29	2.0	34.2
5	13.80	3.7	32.1	13.72	3.4	34.6	14.05	11.8	25.7
6	16.10	4.8	32.1	15.38	7.3	34.2	17.44	3.2	28.9
7	20.61	4.0	33.6	18.70	1.9	34.5	24.45	8.6	32.1
8	25.54	3.4	34.1	21.10	2.0	33.9	31.74	4.6	34.3
9	28.70	2.2	34.8	23.50	2.1	34.6	33.12	3.0	34.9
10	26.97	2.7	36.7	26.35	2.6	36.5	28.44	6.7	37.4
11	29.19	1.7	37.5	28.94	2.1	37.8	30.31	3.5	36.1
12	35.54	2.0	37.6	34.93	2.2	38.5	39.60	3.1	32.5
13	48.11	3.0	37.7	47.87	4.0	38.3	49.02	4.4	35.4
14	55.69	3.8	37.7	55.58	4.5	38.1	56.23	2.3	35.5
15	56.71	11.0	39.5	56.71	11.0	39.5	-	-	-
Not able to be leveled	29.31	4.6	32.6	30.28	6.6	30.9	27.34	3.5	36.6
Engineers, architects, and surveyors	27.23	2.0	39.5	27.76	2.1	39.7	23.57	3.4	38.1
5	14.44	8.1	41.8	14.44	8.1	41.8	-	-	-
6	17.60	4.4	40.0	17.60	4.4	40.0	-	-	-
7	19.02	2.5	38.3	18.80	2.7	38.4	-	-	-
8	20.25	6.3	40.3	19.93	7.7	41.7	-	-	-
9	23.93	2.1	39.5	24.69	2.3	40.1	22.45	3.1	38.3
10	25.40	4.0	39.9	26.43	4.5	39.9	-	-	-
11	28.87	2.2	39.9	28.88	2.2	39.9	-	-	-
12	32.90	3.3	39.3	32.69	3.4	39.5	-	-	-
13	40.62	4.1	39.5	40.62	4.1	39.5	-	-	-
14	47.76	3.6	36.3	47.76	3.6	36.3	-	-	-
Not able to be leveled	30.10	2.5	38.9	30.10	2.5	38.9	-	-	-
Mathematical and computer scientists	31.94	4.5	39.2	32.16	4.5	39.2	19.31	8.1	39.4

See footnotes at end of table.

Table 6. Occupational groups¹ and levels,² Middle Atlantic: Mean hourly earnings³ and weekly hours, private industry and State and local government, National Compensation Survey,⁴ 1997–Continued

Occupational group and level	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									
Mathematical and computer scientists –Continued									
6	\$19.41	6.1	38.6	\$19.60	6.1	38.8	–	–	–
7	21.32	7.4	39.1	21.32	7.4	39.1	–	–	–
8	21.93	4.7	40.3	21.93	4.7	40.3	–	–	–
9	28.20	8.1	38.8	28.57	8.3	38.8	–	–	–
10	28.25	5.4	39.8	28.25	5.4	39.8	–	–	–
11	30.84	3.2	39.3	31.00	3.1	39.3	–	–	–
12	36.30	3.3	38.9	36.30	3.3	38.9	–	–	–
14	54.25	9.2	38.9	54.25	9.2	38.9	–	–	–
Not able to be leveled	33.63	14.0	39.2	33.63	14.0	39.2	–	–	–
Natural scientists	29.22	3.8	39.1	29.32	4.0	39.2	\$27.05	8.3	37.5
7	16.74	6.8	36.1	16.74	6.8	36.1	–	–	–
9	24.86	4.3	39.7	25.10	4.4	39.9	–	–	–
10	25.71	6.2	40.0	25.71	6.2	40.0	–	–	–
11	25.49	6.3	39.2	25.61	6.7	39.1	–	–	–
12	32.67	5.0	39.3	32.83	5.3	39.6	–	–	–
13	39.08	4.7	39.7	39.08	4.7	39.7	–	–	–
14	45.11	6.6	39.0	45.03	7.0	39.0	–	–	–
15	46.54	7.2	40.0	46.54	7.2	40.0	–	–	–
Health related	23.87	1.8	33.8	24.22	2.0	32.9	22.05	2.9	39.0
5	17.96	9.0	31.6	18.02	9.0	31.8	–	–	–
6	19.95	12.1	34.1	20.84	15.7	32.2	18.83	11.2	37.0
7	18.82	2.8	33.0	19.04	3.1	32.8	17.12	5.2	35.3
8	21.60	2.4	32.6	21.79	2.5	32.1	20.16	4.9	36.6
9	22.63	1.8	33.0	22.83	2.1	32.2	21.73	4.0	37.7
10	23.53	5.1	39.4	25.29	4.5	37.4	15.70	13.2	51.7
11	27.26	4.6	36.9	27.45	4.8	36.1	25.57	14.8	45.9
12	35.13	10.1	32.0	34.90	10.7	32.2	–	–	–
13	60.84	6.3	33.5	63.60	7.5	33.1	49.75	3.8	34.9
14	60.88	8.2	35.9	64.63	12.0	34.9	55.20	8.1	37.7
Not able to be leveled	23.47	11.0	40.4	29.67	16.1	33.5	16.02	10.5	53.7
Teachers, college and university	40.42	3.7	32.3	38.08	5.9	32.8	43.44	2.7	31.7
6	20.15	8.3	18.5	–	–	–	–	–	–
7	22.05	3.9	28.2	–	–	–	–	–	–
8	47.86	19.2	15.0	19.36	13.8	17.5	74.07	10.2	13.3
9	24.11	6.6	32.6	22.59	9.1	34.5	27.88	5.0	28.7
10	33.06	8.4	25.4	33.58	10.9	21.7	32.40	13.3	32.6
11	30.94	3.5	34.9	29.49	4.4	34.9	33.73	5.4	34.8
12	38.97	4.7	35.4	38.15	9.2	36.5	39.65	3.9	34.6
13	47.02	3.6	34.4	44.54	6.0	33.2	48.88	5.3	35.5
14	63.32	5.5	35.7	66.70	7.6	36.7	57.61	5.0	34.0
Teachers, except college and university	32.71	2.2	32.8	18.55	5.0	29.6	34.69	2.3	33.3
5	13.74	10.8	24.1	12.56	11.4	28.5	15.05	18.3	20.5
6	13.74	8.8	24.5	11.64	10.3	29.1	16.74	3.5	19.9
7	25.98	8.9	31.2	18.14	6.6	29.2	28.11	9.6	31.8
8	33.69	4.5	34.7	22.09	7.1	34.0	35.27	4.3	34.8
9	36.22	2.5	34.3	23.37	7.4	33.2	36.78	2.5	34.3
10	33.07	6.4	32.9	–	–	–	34.34	7.1	33.9
11	33.29	3.6	33.2	30.41	5.5	29.9	33.67	3.9	33.7
Librarians, archivists, and curators	24.49	8.3	35.4	21.51	8.1	36.2	32.21	13.9	33.4
7	14.21	6.1	36.2	13.60	8.5	37.1	–	–	–
8	20.43	12.6	38.1	–	–	–	–	–	–
9	26.44	16.5	35.2	19.68	9.2	35.8	39.08	19.5	34.2
11	27.48	6.8	33.2	25.19	9.4	34.0	–	–	–
Social scientists and urban planners	26.67	7.3	35.3	23.00	8.1	35.3	33.75	7.6	35.3
7	16.98	7.2	39.1	16.64	8.6	40.0	–	–	–
8	20.15	11.6	38.1	20.15	11.6	38.1	–	–	–
9	28.41	14.9	32.6	20.61	9.1	32.6	39.04	4.6	32.7
10	27.17	12.8	35.5	23.67	16.6	35.5	–	–	–
11	29.80	6.7	36.0	29.81	11.3	33.6	29.79	7.7	38.5

See footnotes at end of table.

Table 6. Occupational groups¹ and levels,² Middle Atlantic: Mean hourly earnings³ and weekly hours, private industry and State and local government, National Compensation Survey,⁴ 1997—Continued

Occupational group and level	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, religious, and recreation workers	\$17.52	3.0	35.3	\$15.66	3.7	34.4	\$19.07	3.9	36.1
5	10.92	4.6	33.5	10.02	5.2	31.4	12.42	8.4	38.0
6	14.71	4.1	37.3	10.44	8.5	37.3	17.18	3.6	37.3
7	15.84	4.3	34.9	15.14	4.0	37.3	16.64	8.4	32.4
8	17.08	3.4	34.8	15.71	4.4	35.1	18.22	3.9	34.5
9	18.66	3.8	36.0	17.88	5.1	34.2	19.09	5.2	37.1
10	26.89	18.0	36.0	22.01	7.4	37.1	—	—	—
11	25.02	5.8	35.9	22.07	6.2	33.5	—	—	—
Not able to be leveled	21.74	5.9	30.6	—	—	—	—	—	—
Lawyers and judges	35.74	6.8	39.0	41.90	6.3	45.8	28.83	6.1	33.3
11	31.94	11.4	36.6	33.92	11.5	44.9	—	—	—
12	41.24	5.3	36.2	40.18	6.7	47.0	—	—	—
Not able to be leveled	32.64	9.7	37.0	—	—	—	—	—	—
Writers, authors, entertainers, athletes, and professionals, n.e.c.	23.98	5.5	34.5	24.26	5.7	34.8	19.18	7.4	29.2
5	13.33	3.9	39.1	13.33	3.9	39.1	—	—	—
6	14.65	7.4	37.4	14.65	7.4	37.4	—	—	—
7	18.40	5.9	37.5	18.87	5.9	37.5	—	—	—
8	19.90	3.2	37.5	19.90	3.2	37.5	—	—	—
9	23.94	6.7	38.8	24.31	7.3	38.9	—	—	—
10	27.63	5.7	38.7	27.63	5.7	38.7	—	—	—
11	29.10	5.4	38.8	29.50	5.8	38.7	—	—	—
12	40.47	9.1	38.0	40.47	9.1	38.0	—	—	—
Not able to be leveled	26.11	11.5	25.1	26.75	12.0	25.9	18.45	13.7	18.6
Technical	17.79	2.0	35.6	18.08	2.2	35.7	15.73	2.6	35.3
2	6.78	4.8	27.4	6.78	4.8	27.4	—	—	—
3	10.84	6.8	28.6	10.92	7.0	29.4	—	—	—
4	12.65	2.4	34.6	12.57	2.8	34.7	13.08	3.3	34.0
5	13.82	2.9	34.2	13.80	3.3	33.9	13.93	3.8	35.4
6	15.19	1.9	36.2	15.35	2.0	35.8	14.52	3.1	37.8
7	18.23	4.6	35.0	18.45	5.2	35.6	16.55	3.6	31.1
8	19.41	3.3	37.9	19.46	3.5	37.8	18.62	7.6	38.7
9	23.28	4.1	37.3	23.18	4.4	37.3	—	—	—
10	31.80	11.4	36.5	31.80	11.4	36.5	—	—	—
11	32.26	10.7	36.7	33.57	11.5	36.3	—	—	—
Not able to be leveled	16.36	8.9	37.8	15.79	9.5	38.1	—	—	—
Executive, administrative, and managerial	30.00	1.9	39.0	30.69	2.1	39.5	26.78	4.2	36.9
5	14.85	3.2	39.2	14.64	3.4	39.6	16.16	7.4	36.6
6	14.83	4.2	38.7	15.20	3.3	38.4	14.14	7.7	39.2
7	17.59	4.6	38.9	17.83	5.4	39.3	16.59	2.9	37.5
8	20.02	2.3	38.4	20.11	2.8	39.3	19.69	3.0	35.2
9	24.14	1.9	38.6	24.01	2.0	39.1	24.97	5.1	36.0
10	27.47	4.4	38.9	27.89	5.3	39.6	26.15	3.0	37.0
11	30.43	2.3	39.0	30.17	2.7	39.4	31.25	4.5	37.9
12	37.40	2.1	39.6	37.42	2.0	39.8	37.29	8.0	38.2
13	46.49	3.4	40.2	46.83	3.5	40.2	39.74	3.2	40.2
14	58.62	5.2	39.5	59.45	5.6	40.0	—	—	—
Not able to be leveled	36.52	6.1	37.8	39.61	6.4	39.2	26.99	5.2	34.1
Executives, administrators, and managers	34.38	2.0	39.4	34.73	2.2	39.8	32.30	4.4	37.1
5	13.46	7.6	39.6	13.79	7.7	40.0	—	—	—
6	15.78	10.2	37.2	15.78	10.3	37.8	—	—	—
7	18.37	8.1	39.4	18.44	8.7	39.8	17.58	9.6	36.3
8	20.86	4.3	39.3	21.08	4.8	39.9	19.39	3.4	35.7
9	25.53	2.6	39.2	25.18	2.7	39.3	28.34	8.5	37.7
10	29.20	5.2	39.6	28.99	5.8	39.9	31.79	5.6	36.2
11	31.49	2.8	39.2	31.21	3.4	39.7	32.26	5.4	37.8
12	37.79	2.3	39.8	37.79	2.2	40.1	37.78	8.1	38.2
13	45.91	3.3	40.1	46.28	3.4	40.1	38.49	3.7	40.8
14	59.82	5.1	39.5	60.84	5.5	40.0	—	—	—

See footnotes at end of table.

Table 6. Occupational groups¹ and levels,² Middle Atlantic: Mean hourly earnings³ and weekly hours, private industry and State and local government, National Compensation Survey,⁴ 1997–Continued

Occupational group and level	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									
Not able to be leveled	\$41.65	8.1	38.0	\$45.82	7.9	39.2	\$26.25	7.9	33.9
Management related	22.53	2.8	38.4	23.03	3.2	39.0	20.86	4.8	36.6
5	15.15	3.2	39.1	14.85	3.4	39.5	16.90	6.5	36.8
6	14.65	4.2	39.0	15.02	2.9	38.6	14.13	7.7	39.6
7	16.93	1.6	38.5	17.16	2.0	38.8	16.34	2.6	37.9
8	19.52	2.6	37.9	19.43	3.3	38.9	19.79	3.8	35.1
9	22.29	1.5	37.9	22.37	1.8	38.7	21.90	2.8	34.5
10	25.11	3.1	38.1	25.29	5.2	39.0	24.91	2.9	37.2
11	27.59	2.9	38.6	27.72	3.4	38.7	26.93	2.8	38.1
12	35.13	4.0	38.5	35.50	4.0	38.6	–	–	–
13	50.21	12.9	40.2	50.45	13.6	40.4	–	–	–
Not able to be leveled	26.01	5.2	37.5	25.11	6.6	39.1	28.03	4.7	34.4
Sales									
1	13.73	4.0	32.1	13.72	4.1	32.0	14.78	4.2	38.0
2	6.18	1.7	23.5	6.18	1.7	23.5	–	–	–
3	6.49	2.8	28.0	6.49	2.8	28.0	–	–	–
4	8.18	2.8	29.1	8.03	2.5	29.0	14.26	11.1	36.4
5	10.49	4.4	33.3	10.46	4.5	33.3	–	–	–
6	14.27	4.9	38.1	14.26	4.9	38.1	–	–	–
7	16.86	3.2	39.6	16.86	3.2	39.6	–	–	–
8	17.87	6.0	40.6	18.19	6.2	40.6	–	–	–
9	21.86	6.1	37.6	21.86	6.1	37.6	–	–	–
10	26.01	5.6	39.4	26.01	5.6	39.4	–	–	–
11	26.67	9.8	40.5	27.00	10.1	40.5	–	–	–
12	31.65	8.1	39.5	31.65	8.1	39.5	–	–	–
13	58.93	16.0	39.5	58.93	16.0	39.5	–	–	–
Not able to be leveled	29.93	11.7	37.3	29.93	11.7	37.3	–	–	–
Administrative support, including clerical									
1	12.97	1.3	36.0	12.87	1.5	36.5	13.40	2.1	34.1
2	7.69	3.5	27.7	7.75	2.9	28.0	7.47	13.6	26.4
3	9.36	3.0	33.6	9.26	3.4	34.7	9.86	5.2	28.5
4	10.16	1.4	35.0	9.97	1.3	35.0	11.21	4.1	34.8
5	12.24	2.1	36.4	12.21	2.4	36.7	12.37	3.3	35.1
6	13.88	1.5	37.4	13.72	1.8	38.6	14.38	3.1	34.2
7	15.37	1.7	37.7	15.48	1.8	38.3	14.76	3.1	34.6
8	18.07	1.6	38.0	17.89	1.7	38.1	19.15	5.7	37.6
9	19.99	4.4	38.6	20.13	4.6	38.9	–	–	–
10	23.25	5.2	39.0	23.44	5.8	39.7	–	–	–
11	30.56	17.0	38.6	31.27	19.3	39.2	–	–	–
Not able to be leveled	14.48	3.4	35.7	13.81	7.1	35.5	14.97	2.9	35.8
Blue collar									
1	13.29	2.6	37.9	12.98	2.8	37.9	16.29	2.7	37.7
2	8.18	4.1	33.9	8.02	4.5	33.8	11.71	7.4	34.7
3	8.42	6.4	37.5	8.27	6.4	37.5	12.27	4.9	36.9
4	11.59	2.6	37.3	11.42	2.7	37.6	13.44	8.2	35.2
5	12.93	3.9	38.1	12.67	4.5	38.1	15.64	3.9	38.6
6	14.68	1.7	39.6	14.63	1.9	39.8	15.05	2.1	38.6
7	15.40	2.3	39.1	15.08	2.3	39.1	17.85	3.4	39.1
8	19.26	1.8	39.3	19.33	1.9	39.6	18.93	3.9	38.0
9	20.85	2.4	39.6	20.41	2.1	39.7	24.18	5.0	38.9
10	23.60	3.2	39.6	23.57	3.3	39.6	23.94	13.1	39.1
Not able to be leveled	15.34	12.2	37.9	15.67	13.1	37.9	–	–	–
Precision production, craft, and repair									
2	17.83	1.6	39.4	17.77	1.7	39.4	18.17	3.8	39.3
3	8.95	8.5	38.5	8.88	9.0	38.5	–	–	–
4	10.04	2.6	38.5	9.80	2.6	38.3	–	–	–
5	12.21	3.4	39.3	11.99	3.4	39.3	14.25	9.4	38.7
6	15.04	3.5	39.5	15.17	4.0	39.5	14.16	5.8	38.9

See footnotes at end of table.

Table 6. Occupational groups¹ and levels,² Middle Atlantic: Mean hourly earnings³ and weekly hours, private industry and State and local government, National Compensation Survey,⁴ 1997–Continued

Occupational group and level	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									
6	\$14.98	2.6	39.3	\$14.69	2.5	39.4	\$17.09	5.0	38.7
7	19.76	1.6	39.5	19.97	1.7	39.5	18.84	4.6	39.7
8	20.78	2.4	39.6	20.27	2.0	39.7	24.34	5.0	38.8
9	23.59	3.8	39.5	23.53	4.0	39.6	24.16	13.9	39.0
Not able to be leveled	22.34	6.9	38.1	22.96	7.3	38.2	–	–	–
Machine operators, assemblers, and inspectors									
1	11.08	4.9	39.7	11.06	5.0	39.7	13.72	7.3	36.2
2	7.38	4.2	37.4	7.35	4.2	37.5	–	–	–
3	7.40	8.0	39.7	7.39	8.0	39.7	–	–	–
4	10.87	3.3	39.6	10.87	3.3	39.6	–	–	–
5	11.24	4.1	40.1	11.24	4.1	40.1	–	–	–
6	13.35	2.1	40.1	13.36	2.1	40.1	–	–	–
7	15.02	2.7	40.6	15.02	2.7	40.6	–	–	–
8	16.92	2.8	39.8	16.89	2.8	39.9	–	–	–
9	20.82	8.4	38.9	20.82	8.4	38.9	–	–	–
9	23.74	2.5	39.7	23.74	2.5	39.7	–	–	–
Transportation and material moving									
1	14.58	1.8	35.8	14.27	2.4	35.8	16.08	4.0	35.6
2	6.81	4.1	31.1	6.72	3.9	31.3	–	–	–
3	8.87	5.9	31.0	8.13	5.1	30.7	13.96	9.1	33.0
4	13.24	5.5	33.7	12.99	6.4	33.6	13.95	11.5	33.7
5	14.66	2.2	35.5	14.50	2.8	35.3	16.02	4.7	37.6
6	15.95	2.3	39.7	16.00	2.8	40.2	15.73	1.6	37.7
7	16.78	6.4	38.0	15.94	8.4	37.4	19.04	3.0	39.6
8	19.85	3.9	34.1	19.82	6.3	39.4	19.89	4.4	29.6
8	22.58	5.8	40.0	–	–	–	–	–	–
Handlers, equipment cleaners, helpers, and laborers									
1	10.44	2.4	35.7	10.08	2.5	35.4	13.79	4.9	38.4
2	8.46	4.5	33.1	8.27	5.1	32.9	11.74	7.7	35.2
3	9.60	4.8	36.5	9.46	5.3	36.3	11.77	4.5	39.3
4	11.63	4.3	37.3	11.57	4.5	37.2	12.54	8.8	38.8
5	13.25	5.4	39.5	12.48	4.6	39.4	15.56	6.7	39.6
6	14.92	6.0	38.0	14.76	7.9	37.4	15.41	6.5	40.0
7	15.88	4.7	34.9	16.05	5.1	34.6	–	–	–
8	17.03	3.2	40.0	16.88	3.7	40.0	–	–	–
Not able to be leveled	8.40	12.5	37.7	8.90	12.4	37.8	–	–	–
Service									
1	11.02	2.2	32.7	8.56	1.7	31.2	16.22	2.5	36.3
2	7.85	4.4	28.4	7.52	5.3	28.1	10.13	4.2	30.4
3	7.69	2.3	30.0	7.26	2.2	30.2	9.91	2.2	28.8
4	8.76	1.9	32.5	8.01	1.9	31.9	11.33	2.4	35.0
5	10.31	2.5	33.8	9.73	2.5	33.6	12.54	4.0	34.4
6	12.93	1.8	36.5	12.29	3.1	35.9	13.81	2.4	37.3
7	15.90	3.7	39.3	12.60	3.3	38.5	17.57	3.2	39.7
8	19.32	3.3	39.6	13.81	3.9	37.4	20.32	3.3	40.0
9	20.10	2.9	39.3	19.74	3.4	36.6	20.14	3.3	39.7
10	23.55	4.3	40.3	–	–	–	23.60	4.8	40.3
10	26.02	4.4	40.0	–	–	–	25.75	4.4	40.0
Not able to be leveled	16.33	20.5	34.9	10.26	5.8	36.2	21.11	15.5	34.0
Protective service									
1	17.30	3.6	37.2	9.59	5.5	34.2	20.35	2.2	38.5
2	7.00	9.9	29.4	6.51	8.7	34.3	8.25	13.6	21.6
3	8.76	4.9	23.0	8.45	6.2	22.7	9.80	6.0	23.7
4	8.49	5.6	33.1	8.06	5.4	34.2	11.80	5.9	26.1
5	12.12	5.7	33.0	10.47	5.9	36.1	14.86	6.3	28.8
6	13.91	4.1	38.6	13.40	7.8	38.1	14.36	3.7	39.1
7	17.74	3.3	40.7	14.79	7.5	39.5	17.89	3.2	40.7
8	20.92	3.1	40.0	14.62	5.0	38.1	21.24	3.1	40.1
9	19.91	3.2	39.7	19.87	4.1	40.0	19.91	3.3	39.7
10	23.61	4.8	40.3	–	–	–	23.61	4.8	40.3
10	25.82	4.5	40.0	–	–	–	25.82	4.5	40.0

See footnotes at end of table.

Table 6. Occupational groups¹ and levels,² Middle Atlantic: Mean hourly earnings³ and weekly hours, private industry and State and local government, National Compensation Survey,⁴ 1997—Continued

Occupational group and level	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									
Not able to be leveled	\$20.34	18.3	34.1	—	—	—	—	—	—
Food service	7.31	2.3	28.3	\$6.97	2.4	28.1	\$10.35	3.1	29.7
1	6.02	2.5	25.1	5.87	2.6	25.0	8.25	5.1	26.1
2	6.36	4.4	27.8	5.91	3.7	28.0	9.62	3.1	26.3
3	6.95	3.7	28.0	6.70	4.1	27.7	9.97	1.6	32.4
4	9.28	3.4	34.7	8.87	3.4	34.8	11.45	7.0	33.9
5	11.63	4.6	37.9	11.51	6.5	39.4	12.07	5.1	33.3
6	14.29	8.0	38.8	13.17	7.5	39.1	—	—	—
7	13.12	9.2	42.0	13.04	10.0	42.1	—	—	—
8	20.49	5.9	38.2	20.83	5.7	38.1	—	—	—
Health service	9.54	2.1	33.9	8.84	2.1	33.2	12.42	2.4	37.4
1	8.92	4.4	31.1	8.93	4.8	31.8	—	—	—
2	8.07	3.4	32.8	7.74	2.8	32.3	11.01	2.8	37.3
3	8.86	2.8	34.2	8.44	3.0	33.5	10.69	2.3	37.2
4	10.12	3.9	33.6	9.76	4.2	33.1	12.48	2.1	37.3
5	12.01	3.4	36.1	11.25	5.1	35.0	12.97	2.7	37.6
6	14.53	4.3	38.0	13.85	2.7	38.3	—	—	—
7	15.97	6.2	38.8	—	—	—	16.32	6.7	39.6
Cleaning and building service	10.42	3.2	34.5	9.42	4.8	33.4	12.81	2.4	37.7
1	9.36	6.6	32.4	8.97	8.2	31.9	11.35	4.1	35.3
2	9.48	2.8	33.0	9.07	3.1	32.2	11.28	4.1	36.9
3	11.01	3.5	36.9	9.59	5.0	35.1	12.23	4.0	38.6
4	11.91	5.3	39.3	10.76	2.8	39.3	14.14	9.4	39.4
5	13.61	3.9	38.3	12.33	3.7	37.7	15.21	4.3	39.0
6	11.16	5.8	44.9	11.05	5.7	45.3	—	—	—
7	16.14	6.2	39.6	—	—	—	—	—	—
Personal service	9.61	2.9	29.4	9.35	3.5	29.7	10.32	4.8	28.4
1	6.66	2.9	23.9	6.63	3.3	24.1	6.83	4.3	22.5
2	7.50	4.2	27.7	6.84	3.7	30.2	8.60	4.6	24.4
3	8.59	4.2	29.9	7.98	5.5	31.0	9.80	2.6	28.1
4	10.26	5.4	32.5	9.87	5.7	32.0	11.43	9.6	34.4
5	13.79	5.4	30.3	13.82	5.9	29.4	13.72	10.8	32.1
6	12.83	8.0	31.9	12.23	9.9	32.9	—	—	—
7	14.28	9.1	32.1	14.28	9.1	32.1	—	—	—
8	20.94	5.3	34.7	20.94	5.3	34.7	—	—	—

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 1996 and June 1998. The average reference period was July 1997.

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. Occupational groups may include data for levels 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 Mid Atlantic census division, the NCS studied 1,979 establishments with 50 or more workers,¹ representing 50,100 establishments within the scope of the survey. (See table A.) The number of workers represented by the survey 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 industry, an establishment is usually at a single physical location. For State and local government, 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. The sampling frame was reviewed prior to the survey and, when necessary, missing establishments were added, out-of-business and out-of-scope establishments were removed, and addresses, employment levels, industry classification, and other information were updated.

Sample design and data collection. The sample for this survey was selected using a three stage design. The first stage consists of the selection of areas. The nationwide NCS sample includes 149 metropolitan and nonmetropolitan areas that represent the Nation's 326 metropolitan statistical areas (as defined by the Office of Management and Budget) and the remaining portions of the 48 contiguous States. Metropolitan areas are designated Metropolitan Statistical Areas (MSA) or Consolidated Metropolitan Statistical Areas (CMSA), as defined in 1994 by the Office of Management and Budget.

¹Establishments 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.

Nonmetropolitan areas are counties that do not fit the metropolitan area definition.

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

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 is drawn by first stratifying the sampling frame by industry and ownership. The number of sample establishments allocated to each stratum is approximately proportional to the stratum employment. Each sampled establishment is selected within a stratum with a probability proportional to its employment. Use of this technique means that the larger an establishment's employment, the greater its chance of selection. Weights are applied to each establishment when the data are tabulated so that it represents similar units (by industry and employment size) in the economy that are not selected for collection.

The third stage of sample selection is a probability sample of occupations within a sampled establishment. In the East North Central region, collection was conducted between October 1996 and May 1998 with an average reference period of August 1997. The combined average payroll reference month for all surveys that contributed to the national estimates is August 1997. Additional information about the area sample and method of estimation is available in the BLS publication, *National Compensation Survey: Occupational Wages in the United States*, 1997, Bulletin 2519.

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

1. Probability-proportional-to-size selection of establishment jobs
2. Classification of jobs into occupations based on the Cen-

sus of Population system

3. Characterization of jobs as full time v. part time, union v. nonunion, and time v. incentive
4. Determination of the level of work of each job

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

In step one, the jobs to be sampled are selected at each establishment by the BLS field economist during a personal visit. A complete list of employees is used for sampling, with each selected worker representing a job within the establishment. As with the selection of establishments, the selection of a job is 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 entails classifying the selected jobs into occupations based on their duties. The National Compensation Survey occupational classification system is based on the 1990 Census of Population. A selected job may fall into any one of about 480 occupational classifications, from accountant to wood lathe operator. In cases where a job's duties overlap two or more census classification codes, the duties used to set the wage level are used to classify the job. Classification by primary duties is the fallback.

In step three, certain other job characteristics of the chosen workers are identified. First, the worker is identified as holding either a full- or part-time job, based on the establishment's definition of those terms. Then the worker is classified as having a time versus incentive job, depending on whether any part of pay is directly based on the actual production of the workers, rather than solely on hours worked. Finally, the worker is identified as being in a union job or a nonunion job.

The fourth step in the job classification procedure is 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 using the criteria for leveling a job, see appendixes C and D at www.bls.gov/compub.htm or any of our published NCS bulletins. This web site also has a link to the NCS job descriptions.

Data reliability. The data in this summary 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 standard error can be used to calculate a "confidence interval" around a sample estimate. As an example, suppose the mean hourly earnings for all workers is \$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 ($\$15.09 \times 1.645 \times 0.006 = \0.149 , round to \$0.15); ($\$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 to develop a formal quality assessment process to help compute nonsampling error. Although they also are not specifically measured, efforts are made to minimize nonsampling errors by the extensive training of field economists who gather survey data, edit the data by computer, and provide a detailed review of the data.

Census area divisions. Census divisions providing data are 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.² Some census divisions include Consolidated Metropolitan Statistical Areas (CMSAs) and Metropolitan Statistical Areas (MSAs) that cross State lines.

Additional information about the National Compensation Survey, including a list of occupational classifications, is available by calling (202) 691-6199. You may also write to the Bureau of Labor Statistics at: Division of Compensation Data Analysis and Planning, 2 Massachusetts Ave., NE, Room 4175, Washington, DC 20212-0001, or send e-mail to OCLTINFO@bls.gov.

² Although Alaska and Hawaii are included in the Pacific Census Division, the 1997 NCS excluded these States.

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

taining the entire summary.

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Table A. Number of establishments represented by the survey and number studied by industry group and establishment employment size, Middle Atlantic, National Compensation Survey, 1997

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	50,100	1,979	468	841	265	233	111	61
Private Industry	46,300	1,679	447	751	187	175	87	32
Goods-producing industries	12,100	451	117	216	57	38	19	4
Mining	100	23	13	9	1	-	-	-
Construction	1,600	42	23	17	2	-	-	-
Manufacturing	10,400	386	81	190	54	38	19	4
Durable goods	5,100	235	44	111	37	24	15	4
Fabricated metal products, except machinery and transportation equipment	900	36	9	22	3	2	-	-
Industrial and commercial machinery and computer equipment	600	34	5	16	6	5	2	-
Electronic and electrical equipment	700	35	5	17	6	5	2	-
Transportation equipment	100	23	-	5	4	4	7	3
Measuring, analyzing, and controlling instruments	600	35	6	15	8	4	1	1
Nondurable goods	5,300	151	37	79	17	14	4	-
Food and kindred products	400	21	3	15	3	-	-	-
Printing, publishing, and allied industries	900	36	11	16	3	4	2	-
Chemicals and allied products	1,000	47	7	22	9	7	2	-
Service-producing industries	34,300	1,228	330	535	130	137	68	28
Transportation and utilities	3,200	110	30	46	8	16	7	3
Wholesale trade	2,700	66	28	34	2	1	-	1
Retail trade	11,200	237	118	100	12	3	4	-
Finance, insurance and real estate	3,400	103	26	44	14	10	6	3
Depository institutions	1,000	37	9	18	5	3	1	1
Insurance carriers	800	29	4	11	4	6	4	-
Services	13,800	712	128	311	94	107	51	21
Business services	3,400	102	24	52	19	5	2	-
Educational services	1,000	105	34	42	14	6	5	4
Health services	3,600	277	15	101	38	76	34	13
Hospitals	600	167	-	21	30	70	33	13
Engineering, accounting, research, management, and related services	1,400	54	16	24	8	4	2	-
State and local government	3,800	300	21	90	78	58	24	29
Health services	200	52	3	10	11	14	10	4
Hospitals	100	30	1	3	5	9	9	3

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 1997**

Occupational group	All industries	Private industry	State and local government
All	10,364,000	8,127,400	2,236,600
All excluding sales	9,665,700	7,437,400	2,228,300
White collar	5,923,300	4,512,400	1,410,900
White collar excluding sales	5,225,100	3,822,500	1,402,600
Professional specialty and technical	2,242,000	1,430,200	811,800
Professional specialty occupations	1,810,800	1,052,800	758,100
Technical occupations	431,100	377,400	53,700
Executive, administrative, and managerial	1,093,200	886,600	206,600
Sales	698,200	689,900	8,300
Administrative support, including clerical	1,889,900	1,505,700	384,200
Blue collar	2,510,100	2,265,600	244,500
Precision production, craft, and repair	611,700	522,700	89,000
Machine operators, assemblers, and inspectors	778,700	773,300	5,400
Transportation and material moving	486,900	396,300	90,600
Handlers, equipment cleaners, helpers, and laborers	632,800	573,300	59,500
Service	1,930,600	1,349,400	581,200

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 1996 and June 1998. The average reference period was July 1997.