

Occupational Wages in the Mountain Census Division, 1997

Summary 00-6

This report provides estimates of occupational pay from the 1997 National Compensation Survey (NCS) for the Mountain 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 Mountain census division averaged \$14.04 per hour during 1997. Workers in private industry in the Mountain region averaged \$12.97 per hour, whereas hourly pay of workers in State and local government averaged \$17.42. Nationwide, pay of all workers covered by the survey averaged \$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 \$15.88 per hour, blue-collar workers averaged \$11.91, and service workers, \$6.99. Corresponding averages in State and local government were \$19.57, \$13.67, and \$11.79. 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 Mountain region averaged \$14.71 per hour whereas part-time workers averaged \$9.07. In private industry, full-time workers averaged \$13.65 an hour, and part-time workers averaged \$8.10. For workers in State and local government, average hourly pay was \$17.99 and \$12.57, respectively, for full- and part-time workers. NCS classifies employees as full or part time based on the employer's classification.

Workers in large establishments in the Mountain region, that is, establishments with 2,500 or more employees, had the highest average hourly pay at \$19.02. Workers in the smallest establishment-size category studied (50-99) averaged \$12.35.

Table 2 shows that workers in metropolitan areas averaged \$14.17 per hour, whereas the average pay for workers in nonmetropolitan areas, was \$13.51. Table 2 also shows that, most of the time, regardless of employee or establishment characteristics, pay tends to be 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 governments are shown in tables 3, 4, and 5. These tables contain wage rates and mean weekly hours for individual occupations and for major occupational groups. Following are examples of average hourly earnings for combined full- and part-time workers within the occupational groups of white-collar, blue-collar, and service workers. All engineers, for example, averaged \$28.91 per hour (table 3). Engineers in private industry averaged \$32.01 (table 4), whereas those in State and local government averaged \$24.70 per hour (table 5). Laborers, except construction, averaged \$8.93 in private industry and \$11.96 in State and local governments. Janitors and cleaners, a service occupation, averaged \$7.53 in private industry and \$8.98 in State and local government.

Average pay for some workers in white-collar occupations,

mainly in the health care field, was higher for part-time work than for full-time work. Full-time registered nurses averaged \$18.58 per hour in private industry whereas their part-time counterparts averaged \$20.34. Full-time physical therapists averaged \$23.60 and part-time physical therapists averaged \$ 31.36. However, these exceptions did not show up in blue-collar and service occupations. Laborers, except construction, averaged \$9.36 and \$7.52 for full- and part-time work, respectively. Full-time janitors averaged \$7.68 an hour and janitors working part-time averaged \$6.47.

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

higher work 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 Mountain 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 in the Technical Note shows the number of workers represented by the surveys in the Mountain census division by major occupational groups such as professional specialty and technical, sales, and transportation and material moving.

Table 1. **Summary, Mountain: 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	\$14.04	1.9	36.5	\$12.97	2.6	36.4	\$17.42	1.9	36.5
Worker characteristics:⁴									
White-collar occupations ⁵	16.98	1.5	37.2	15.88	2.5	37.2	19.57	1.8	37.2
Professional specialty and technical ... Executive, administrative, and managerial	21.58	1.3	36.9	20.52	1.3	36.9	22.86	2.1	36.9
Sales	24.22	2.4	41.1	24.85	3.4	41.7	22.89	2.9	39.9
Administrative support	12.47	5.1	34.1	12.51	5.2	34.1	9.86	8.9	30.1
Blue-collar occupations ⁵	10.52	1.3	37.1	10.36	.9	37.4	11.03	4.4	36.3
Precision production, craft, and repair Machine operators, assemblers, and inspectors	12.09	2.5	38.0	11.91	2.8	38.1	13.67	3.9	36.7
Transportation and material moving ... Handlers, equipment cleaners, helpers, and laborers	15.28	2.9	39.9	15.04	3.3	39.9	17.20	3.8	39.8
Service occupations ⁵	9.70	2.3	39.4	9.68	2.3	39.4	-	-	-
Full time	12.69	6.4	37.2	13.13	7.4	38.2	11.29	5.2	34.2
Part time	9.02	2.0	34.8	8.91	2.1	34.8	10.31	4.7	34.7
Union	8.15	1.3	33.3	6.99	1.2	32.9	11.79	5.9	34.6
Nonunion	14.71	2.2	39.9	13.65	2.9	39.9	17.99	1.9	39.7
Time	9.07	1.3	22.4	8.10	2.9	22.5	12.57	3.2	21.9
Incentive	16.23	1.7	36.8	15.16	3.0	36.6	18.16	1.7	37.0
	13.72	2.2	36.4	12.70	2.8	36.4	17.24	2.3	36.4
	13.95	2.1	36.4	12.80	2.8	36.4	17.42	1.9	36.5
	16.60	6.9	38.2	16.60	6.9	38.2	-	-	-
Establishment characteristics:									
Goods producing	(⁶)	(⁶)	(⁶)	15.44	2.1	39.8	(⁶)	(⁶)	(⁶)
Service producing	(⁶)	(⁶)	(⁶)	12.12	2.7	35.4	(⁶)	(⁶)	(⁶)
50-99 workers ⁷	12.35	3.0	35.7	11.96	2.9	35.8	14.98	6.0	35.0
100-499 workers	12.86	2.5	36.2	12.31	2.6	36.2	16.30	5.4	36.4
500-999 workers	13.52	4.4	38.2	13.18	5.7	38.5	14.78	3.4	36.9
1000-2499 workers	15.07	5.9	36.6	14.01	7.8	36.3	17.29	1.5	37.2
2500 workers or more	19.02	5.8	36.6	17.73	13.1	36.5	19.81	2.0	36.6
Geographic areas:⁸									
Metropolitan	14.17	2.4	36.4	13.25	3.0	36.4	18.29	1.3	36.5
Nonmetropolitan	13.51	2.4	36.6	11.15	10.4	36.6	16.06	2.0	36.6
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 October 1996 and April 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, Mountain: 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	\$14.04	1.9	36.5	\$14.17	2.4	36.4	\$13.51	2.4	36.6
Private Industry	12.97	2.6	36.4	13.25	3.0	36.4	11.15	10.4	36.6
State and local government	17.42	1.9	36.5	18.29	1.3	36.5	16.06	2.0	36.6
Worker characteristics:⁵									
White-collar occupations ⁶	16.98	1.5	37.2	17.04	1.8	37.2	16.75	2.7	37.2
Professional specialty and technical ...	21.58	1.3	36.9	21.47	.9	36.7	22.01	4.8	37.9
Executive, administrative, and managerial	24.22	2.4	41.1	24.35	2.9	41.4	23.69	3.5	39.9
Sales	12.47	5.1	34.1	13.23	3.8	34.3	8.62	11.6	33.1
Administrative support	10.52	1.3	37.1	10.69	1.2	37.2	9.77	.9	36.7
Blue-collar occupations ⁶	12.09	2.5	38.0	12.29	2.3	37.9	11.18	8.7	38.4
Precision production, craft, and repair Machine operators, assemblers, and inspectors	15.28	2.9	39.9	15.42	2.8	39.8	14.34	11.3	40.2
Transportation and material moving ...	9.70	2.3	39.4	10.08	1.6	39.3	8.36	5.8	39.4
Handlers, equipment cleaners, helpers, and laborers	12.69	6.4	37.2	12.40	4.7	36.9	13.46	17.9	37.8
Service occupations ⁶	9.02	2.0	34.8	9.11	2.1	34.6	8.56	4.1	36.0
	8.15	1.3	33.3	8.17	1.7	33.2	8.06	2.2	33.9
Full time	14.71	2.2	39.9	14.84	2.8	39.9	14.18	2.3	39.7
Part time	9.07	1.3	22.4	9.27	1.3	22.3	8.18	5.9	22.6
Union	16.23	1.7	36.8	16.52	1.4	36.5	15.04	8.1	37.8
Nonunion	13.72	2.2	36.4	13.82	2.8	36.4	13.28	1.8	36.4
Time	13.95	2.1	36.4	14.04	2.7	36.4	13.60	2.3	36.6
Incentive	16.60	6.9	38.2	17.44	5.4	38.4	6.43	22.7	36.4
Establishment characteristics:									
Goods producing ⁷	15.44	2.1	39.8	15.94	2.4	39.8	13.17	9.5	40.0
Service producing ⁷	12.12	2.7	35.4	12.39	2.8	35.5	10.12	12.3	35.1
50-99 workers ⁸	12.35	3.0	35.7	12.71	2.9	35.6	11.47	9.4	36.2
100-499 workers	12.86	2.5	36.2	12.95	1.5	36.4	12.50	11.3	35.5
500-999 workers	13.52	4.4	38.2	13.58	5.8	38.2	13.34	5.4	38.0
1000-2499 workers	15.07	5.9	36.6	14.77	5.9	36.5	17.87	2.7	37.3
2500 workers or more	19.02	5.8	36.6	18.76	6.3	36.1	-	-	-
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 October 1996 and April 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, Mountain: 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	\$14.04	1.9	36.5	\$14.71	2.2	39.9	\$9.07	1.3	22.4
All excluding sales	14.17	2.0	36.7	14.76	2.2	39.8	9.38	1.3	22.4
White collar	16.98	1.5	37.2	17.60	1.7	40.0	11.62	3.7	22.9
White collar excluding sales	17.71	1.5	37.7	18.09	1.7	40.0	13.58	2.8	23.1
Professional specialty and technical	21.58	1.3	36.9	21.97	1.3	39.6	18.10	3.3	22.9
Professional specialty	23.22	1.4	37.1	23.64	1.5	39.8	19.41	4.1	22.9
Engineers, architects, and surveyors	26.41	3.7	41.0	26.41	3.7	41.0	-	-	-
Civil engineers	23.94	3.3	41.4	23.94	3.3	41.4	-	-	-
Electrical and electronic engineers	29.91	2.1	40.4	29.91	2.1	40.4	-	-	-
Industrial engineers	23.00	5.1	41.7	23.00	5.1	41.7	-	-	-
Mechanical engineers	21.84	7.0	40.4	21.84	7.0	40.4	-	-	-
Engineers, n.e.c.	28.91	7.6	41.6	28.91	7.6	41.6	-	-	-
Mathematical and computer scientists	24.15	2.7	40.7	24.32	2.6	40.7	-	-	-
Computer systems analysts and scientists	25.13	2.8	40.7	25.13	2.8	40.7	-	-	-
Operations and systems researchers and analysts	19.51	7.6	40.7	20.23	7.0	40.8	-	-	-
Natural scientists	23.74	3.2	43.2	24.74	4.4	44.6	-	-	-
Chemists, except biochemists	23.63	11.0	47.6	23.63	11.0	47.6	-	-	-
Geologists and geodesists	22.43	17.2	40.6	28.49	11.8	40.1	-	-	-
Biological and life scientists	26.87	4.9	46.6	26.87	4.9	46.6	-	-	-
Medical scientists	16.99	10.2	33.1	15.93	13.2	39.5	-	-	-
Health related	21.78	5.5	34.9	21.83	7.2	39.7	21.60	2.1	24.8
Physicians	47.03	15.8	38.2	46.67	17.9	42.6	-	-	-
Registered nurses	18.91	2.4	34.5	18.56	2.2	39.6	20.16	3.2	23.6
Pharmacists	24.26	4.3	35.7	28.73	2.8	40.2	20.21	1.6	32.4
Dietitians	18.62	4.4	36.4	18.40	4.7	40.0	-	-	-
Respiratory therapists	14.90	3.9	31.3	15.16	4.2	38.5	-	-	-
Occupational therapists	22.66	3.4	34.9	22.34	4.5	40.0	23.68	4.5	24.7
Physical therapists	21.91	3.6	31.8	23.60	7.2	40.5	21.49	3.2	30.2
Speech therapists	16.56	14.0	36.5	16.46	14.3	36.8	-	-	-
Therapists, n.e.c.	18.74	11.2	37.5	-	-	-	-	-	-
Teachers, college and university	27.11	5.9	36.4	28.35	5.7	40.4	21.11	5.0	24.7
Computer science teachers	20.29	1.7	34.3	-	-	-	-	-	-
Business, commerce, and marketing teachers ..	28.12	3.6	40.2	28.12	3.6	40.4	-	-	-
English teachers	28.30	21.5	27.3	-	-	-	-	-	-
Teachers, post secondary, subject not specified	20.30	4.1	37.3	20.61	4.2	40.0	-	-	-
Teachers, post secondary, n.e.c.	34.56	3.2	35.4	34.55	3.2	40.0	-	-	-
Teachers, except college and university	23.12	1.4	35.5	23.42	1.4	37.7	15.42	5.2	14.3
Elementary school teachers	24.05	6.1	36.2	24.23	6.0	37.6	18.32	5.6	16.6
Secondary school teachers	24.50	1.7	36.9	24.53	1.7	37.7	20.48	11.7	9.6
Teachers, special education	17.59	3.2	39.1	17.51	3.3	40.0	-	-	-
Teachers, n.e.c.	18.21	3.7	27.6	20.45	2.8	39.4	11.12	10.5	14.2
Substitute teachers	10.73	12.1	18.5	-	-	-	12.53	17.0	11.2
Vocational and educational counselors	26.15	14.4	35.4	26.22	14.8	36.2	-	-	-
Librarians, archivists, and curators	17.36	12.1	38.9	17.48	12.3	40.0	-	-	-
Librarians	17.36	12.1	38.9	17.48	12.3	40.0	-	-	-
Social scientists and urban planners	19.96	7.5	38.3	19.88	7.9	40.3	-	-	-
Economists	19.36	12.8	41.7	19.36	12.8	41.7	-	-	-
Psychologists	19.95	9.1	37.4	19.84	9.9	40.0	-	-	-
Social, recreation, and religious workers	15.45	6.5	37.5	15.30	6.7	40.2	17.05	6.3	21.4
Social workers	15.54	7.1	37.5	15.41	7.3	40.1	16.89	6.5	22.1
Recreation workers	14.63	11.1	37.5	14.35	11.9	41.3	-	-	-
Lawyers and judges	35.84	10.3	42.5	35.83	10.3	43.0	-	-	-
Lawyers	31.23	5.1	44.1	31.23	5.1	44.1	-	-	-
Writers, authors, entertainers, athletes, and professionals, n.e.c.	19.46	6.9	34.9	20.83	4.0	39.9	11.59	38.2	20.3
Designers	17.95	7.4	40.1	17.95	7.4	40.1	-	-	-
Editors and reporters	17.76	2.1	38.7	18.10	1.9	39.9	-	-	-
Public relations specialists	27.40	16.4	25.6	30.31	16.6	39.4	-	-	-
Athletes	9.02	26.7	24.1	-	-	-	6.06	10.0	17.7
Professional, n.e.c.	25.96	5.0	35.7	24.13	5.0	40.0	-	-	-
Technical	16.59	2.1	36.5	16.87	2.3	39.1	14.07	2.0	22.8

See footnotes at end of table.

Table 3. Selected occupations, Mountain: 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									
Technical—Continued									
Clinical laboratory technologists and technicians	\$13.33	3.4	38.2	\$13.23	3.6	39.7	\$17.06	16.8	15.2
Radiological technicians	12.87	3.3	34.6	12.96	4.0	40.0	—	—	—
Licensed practical nurses	12.46	2.4	33.6	12.69	2.2	39.3	11.60	5.7	21.7
Health technologists and technicians, n.e.c.	12.55	2.4	30.6	12.61	3.8	39.4	12.43	3.3	20.8
Electrical and electronic technicians	14.99	2.2	39.0	15.05	2.2	39.7	—	—	—
Engineering technicians, n.e.c.	17.10	3.2	39.0	16.46	3.9	40.0	—	—	—
Drafters	16.61	6.1	39.6	16.68	6.2	40.6	—	—	—
Surveying and mapping technicians	14.98	10.6	40.8	14.98	10.6	40.8	—	—	—
Biological technicians	15.23	3.5	39.0	15.17	3.8	40.0	—	—	—
Chemical technicians	16.41	7.7	40.0	16.41	7.7	40.0	—	—	—
Science technicians, n.e.c.	16.34	9.2	31.9	18.02	8.1	40.0	—	—	—
Airplane pilots and navigators	83.09	9.1	19.6	83.09	9.1	19.6	—	—	—
Computer programmers	21.22	12.1	41.9	21.22	12.1	41.9	—	—	—
Legal assistants	14.70	4.6	39.9	14.70	4.6	39.9	—	—	—
Technical and related, n.e.c.	16.77	6.2	40.1	16.84	6.1	40.6	—	—	—
Executive, administrative, and managerial	24.22	2.4	41.1	24.33	2.4	41.4	16.80	4.6	27.1
Executives, administrators, and managers	26.58	2.7	41.7	26.65	2.8	41.8	11.43	22.8	27.0
Administrators and officials, public administration	22.52	6.7	41.3	22.53	6.8	41.4	—	—	—
Financial managers	26.49	4.4	41.0	26.49	4.4	41.0	—	—	—
Personnel and labor relations managers	29.23	6.0	40.5	29.78	5.8	41.2	—	—	—
Purchasing managers	21.66	22.0	43.6	21.66	22.0	43.6	—	—	—
Managers, marketing, advertising, and public relations	28.64	6.0	43.6	28.64	6.0	43.6	—	—	—
Administrators, education and related fields	31.82	8.2	40.4	31.82	8.2	40.4	—	—	—
Managers, medicine and health	25.14	15.6	39.3	25.22	15.7	39.7	—	—	—
Managers, food servicing and lodging establishments	18.79	8.4	44.5	18.79	8.4	44.5	—	—	—
Managers, service organizations, n.e.c.	22.17	8.8	43.3	22.75	9.7	44.1	—	—	—
Managers and administrators, n.e.c.	27.60	2.8	42.1	27.62	2.8	42.1	—	—	—
Management related	19.73	2.1	40.0	19.79	2.1	40.7	18.14	5.4	27.2
Accountants and auditors	15.79	11.9	40.1	15.79	11.9	40.1	—	—	—
Underwriters	21.33	6.1	39.3	21.33	6.1	39.3	—	—	—
Other financial officers	27.30	5.4	41.2	27.32	5.4	41.4	—	—	—
Management analysts	22.07	11.4	40.1	22.07	11.4	40.1	—	—	—
Personnel, training, and labor relations specialists	19.29	2.6	41.1	19.38	2.4	41.3	—	—	—
Purchasing agents and buyers, n.e.c.	20.19	6.5	39.9	20.19	6.5	39.9	—	—	—
Construction inspectors	20.22	6.9	40.0	20.22	6.9	40.0	—	—	—
Inspectors and compliance officers, except construction	17.46	4.3	38.9	17.77	4.7	43.1	—	—	—
Management related, n.e.c.	19.61	4.6	39.3	19.64	4.5	40.5	—	—	—
Sales	12.47	5.1	34.1	14.03	4.6	40.3	7.35	4.9	22.6
Supervisors, sales	19.83	6.4	39.9	20.44	6.6	40.9	—	—	—
Insurance sales	23.35	12.6	39.4	23.35	12.6	39.4	—	—	—
Real estate sales	22.40	28.2	41.8	22.75	27.4	42.6	—	—	—
Securities and financial services sales	26.69	35.5	39.4	27.95	35.8	40.7	—	—	—
Sales, other business services	15.46	4.4	38.0	15.22	4.7	39.1	—	—	—
Sales representatives, mining, manufacturing, and wholesale	20.45	5.0	41.7	20.45	5.0	41.7	—	—	—
Sales workers, motor vehicles and boats	16.42	9.3	43.7	16.42	9.3	43.7	—	—	—
Sales workers, apparel	6.37	9.6	24.9	—	—	—	5.56	3.4	22.2
Sales workers, radio, tv, hi-fi, and appliances	17.28	15.2	42.0	17.28	15.2	42.0	—	—	—
Sales workers, hardware and building supplies	9.14	1.7	36.5	9.25	1.9	40.0	—	—	—
Sales workers, parts	13.52	19.3	34.3	14.16	19.3	40.0	—	—	—
Sales workers, other commodities	10.08	7.8	30.4	11.56	10.0	39.8	7.37	3.4	21.2
Sales counter clerks	8.06	6.4	34.2	8.25	6.3	39.8	—	—	—

See footnotes at end of table.

Table 3. Selected occupations, Mountain: 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									
Sales —Continued									
Cashiers	\$8.40	3.7	32.7	\$8.82	4.2	39.4	\$7.42	4.8	23.4
Sales support, n.e.c.	12.68	14.0	38.2	13.08	13.6	40.6	—	—	—
Administrative support, including clerical									
Supervisors, general office	10.52	1.3	37.1	10.76	1.2	39.7	8.31	1.6	23.2
Supervisors, financial records processing	15.84	3.3	40.9	15.91	3.3	41.0	—	—	—
Supervisors, distribution, scheduling, and adjusting clerks	15.83	5.6	40.3	15.83	5.6	40.3	—	—	—
Computer operators	15.35	9.6	42.4	15.33	9.7	42.9	—	—	—
Secretaries	12.95	7.5	39.4	13.15	7.7	40.0	—	—	—
Stenographers	11.27	2.4	38.9	11.35	2.5	39.9	9.19	7.5	24.7
Typists	11.87	1.6	35.8	12.10	1.5	40.0	—	—	—
Interviewers	11.14	4.5	38.8	11.06	4.9	39.8	—	—	—
Hotel clerks	9.47	4.1	35.2	9.55	4.1	37.0	—	—	—
Receptionists	7.16	4.1	35.9	7.50	.6	40.0	—	—	—
Information clerks, n.e.c.	7.68	1.5	35.3	7.72	1.5	40.0	7.37	3.5	17.5
Correspondence clerks	10.08	5.0	36.9	10.07	5.1	37.0	—	—	—
Order clerks	11.36	6.8	36.5	11.39	7.7	39.6	—	—	—
Personnel clerks, except payroll and timekeeping	8.54	1.7	37.8	—	—	—	8.23	4.6	26.7
Library clerks	10.66	2.3	39.4	10.66	2.3	39.4	—	—	—
File clerks	9.50	6.3	33.0	10.23	6.4	40.0	7.43	9.9	22.0
Records clerks, n.e.c.	7.90	7.8	36.2	8.09	8.6	40.0	6.75	7.5	22.7
Bookkeepers, accounting and auditing clerks ...	10.01	4.8	37.1	10.07	5.2	39.3	9.11	3.9	20.6
Payroll and timekeeping clerks	10.72	2.2	38.2	10.87	2.6	40.0	8.81	5.8	24.4
Billing clerks	10.64	8.5	40.0	10.64	8.5	40.0	—	—	—
Cost and rate clerks	9.54	3.1	39.2	9.50	3.2	40.0	—	—	—
Office machine operators, n.e.c.	12.23	13.3	34.1	12.18	14.8	38.8	—	—	—
Mail clerks, except postal service	7.56	3.1	33.1	7.90	4.5	39.7	—	—	—
Dispatchers	10.40	3.9	35.0	11.79	6.4	40.0	—	—	—
Production coordinators	10.93	8.9	38.3	10.98	9.3	40.0	—	—	—
Traffic, shipping and receiving clerks	11.81	2.7	35.4	12.17	3.4	40.0	—	—	—
Stock and inventory clerks	11.54	3.8	39.8	11.58	4.0	40.2	—	—	—
Meter readers	11.55	4.9	37.8	11.70	5.3	40.0	9.75	9.1	22.7
Expeditors	12.62	2.7	40.0	12.62	2.7	40.0	—	—	—
Insurance adjusters, examiners, and investigators	10.10	10.7	37.6	10.27	10.1	40.0	—	—	—
Investigators and adjusters, except insurance ...	13.51	6.5	39.1	13.51	6.5	39.3	—	—	—
Eligibility clerks, social welfare	10.45	4.1	38.7	10.49	4.1	39.2	—	—	—
Bill and account collectors	13.77	4.8	39.0	13.86	4.6	40.0	—	—	—
General office clerks	10.36	5.5	38.9	10.43	5.4	40.0	—	—	—
Bank tellers	10.21	3.1	36.2	10.61	3.2	39.7	7.70	2.4	23.3
Data entry keyers	10.44	4.6	34.5	10.91	5.9	40.8	—	—	—
Statistical clerks	9.06	3.0	38.1	9.06	3.4	39.8	9.11	4.8	24.3
Teachers' aides	10.00	2.1	38.7	10.06	2.4	39.9	—	—	—
Administrative support, n.e.c.	7.67	2.5	25.0	7.91	3.3	32.6	7.45	3.7	20.5
	9.98	3.7	36.7	10.23	4.2	39.8	9.07	5.7	28.6
Blue collar									
Precision production, craft, and repair									
Supervisors, mechanics and repairers	15.28	2.9	39.9	15.30	2.9	40.2	11.08	8.3	14.7
Automobile mechanics	20.76	2.6	40.0	20.76	2.6	40.0	—	—	—
Automobile mechanic apprentices	20.30	10.1	40.1	20.30	10.1	40.1	—	—	—
Bus, truck, and stationary engine mechanics	10.09	7.5	35.0	—	—	—	—	—	—
Aircraft engine mechanics	16.25	4.1	40.0	16.25	4.1	40.0	—	—	—
Heavy equipment mechanics	18.39	11.5	40.0	18.39	11.5	40.0	—	—	—
Industrial machinery repairers	17.38	2.7	39.6	17.52	2.8	40.0	—	—	—
Machinery maintenance	17.10	3.0	40.0	17.10	3.0	40.0	—	—	—
Electronic repairers, communications and industrial equipment	14.34	6.5	40.0	14.34	6.5	40.0	—	—	—
Data processing equipment repairers	13.60	8.3	39.7	13.60	8.3	40.1	—	—	—
	13.77	8.0	40.0	13.77	8.0	40.0	—	—	—

See footnotes at end of table.

Table 3. Selected occupations, Mountain: 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									
Telephone installers and repairers	\$18.34	4.3	40.0	\$18.34	4.3	40.0	–	–	–
Heating, air conditioning, and refrigeration mechanics	16.83	3.6	40.0	16.83	3.6	40.0	–	–	–
Mechanics and repairers, n.e.c.	14.99	2.5	39.7	15.00	2.5	39.9	–	–	–
Supervisors, construction trades, n.e.c.	18.58	5.7	40.0	18.58	5.7	40.0	–	–	–
Carpenters	15.29	8.2	41.5	15.29	8.2	41.5	–	–	–
Electricians	15.70	10.1	39.7	15.71	10.1	40.0	–	–	–
Painters, construction and maintenance	10.91	9.8	40.8	10.90	9.8	41.1	–	–	–
Plumbers, pipefitters and steamfitters	20.45	2.5	39.9	20.45	2.5	39.9	–	–	–
Construction trades, n.e.c.	15.97	7.0	36.1	16.03	7.4	40.5	–	–	–
Supervisors, production	18.42	4.1	41.6	18.42	4.1	41.6	–	–	–
Machinists	14.97	2.4	40.0	14.97	2.4	40.0	–	–	–
Sheet metal workers	11.91	9.9	40.0	11.91	9.9	40.0	–	–	–
Electrical and electronic equipment assemblers	8.68	3.3	40.0	8.68	3.3	40.0	–	–	–
Butchers and meat cutters	12.04	6.2	39.4	12.04	6.4	40.0	–	–	–
Bakers	9.73	6.6	38.8	9.76	6.7	39.7	–	–	–
Food batchmakers	8.74	10.1	35.5	–	–	–	–	–	–
Inspectors, testers, and graders	15.57	5.9	40.4	15.57	5.9	40.4	–	–	–
Machine operators, assemblers, and inspectors									
Fabricating machine operators, n.e.c.	9.70	2.3	39.4	9.75	2.3	39.9	\$7.67	6.0	26.0
Molding and casting machine operators	11.06	2.6	40.0	11.06	2.6	40.0	–	–	–
Printing press operators	9.37	1.8	35.4	10.60	2.7	40.0	–	–	–
Photoengravers and lithographers	15.39	5.2	39.2	15.23	5.4	40.0	–	–	–
Laundry and dry cleaning machine operators	14.76	5.8	39.1	14.76	5.8	39.1	–	–	–
Packaging and filling machine operators	6.72	3.5	35.5	6.83	4.1	39.2	–	–	–
Mixing and blending machine operators	9.40	6.2	40.0	9.40	6.2	40.0	–	–	–
Painting and paint spraying machine operators	8.66	11.4	40.0	8.66	11.4	40.0	–	–	–
Photographic process machine operators	9.96	5.9	40.4	9.96	5.9	40.4	–	–	–
Miscellaneous machine operators, n.e.c.	11.24	5.5	38.5	–	–	–	–	–	–
Welders and cutters	10.69	2.5	39.7	10.83	2.6	39.7	–	–	–
Assemblers	14.46	7.8	40.4	14.46	7.8	40.4	–	–	–
Miscellaneous hand working, n.e.c.	8.11	3.1	39.4	8.10	3.1	40.0	–	–	–
Production inspectors, checkers and examiners	10.44	5.1	40.0	10.44	5.1	40.0	–	–	–
Production inspectors, checkers and examiners	10.09	7.5	39.1	10.26	7.8	40.0	–	–	–
Transportation and material moving									
Truck drivers	12.69	6.4	37.2	13.07	6.5	40.4	8.77	7.9	20.6
Bus drivers	13.25	5.1	40.0	13.28	5.2	40.9	12.12	10.4	23.9
Parking lot attendants	10.97	4.6	27.8	11.41	5.9	39.3	10.11	4.0	17.8
Motor transportation, n.e.c.	6.82	2.8	31.1	–	–	–	–	–	–
Supervisors, material moving equipment	6.85	5.3	32.6	7.15	5.5	40.0	6.28	4.4	24.2
Operating engineers	16.63	6.8	40.0	16.63	6.8	40.0	–	–	–
Grader, dozer, and scrapper operators	10.88	10.3	40.0	10.88	10.3	40.0	–	–	–
Industrial truck and tractor equipment operators	17.07	4.0	40.0	17.07	4.0	40.0	–	–	–
Miscellaneous material moving equipment operators, n.e.c.	14.95	11.9	39.9	14.95	12.0	40.3	–	–	–
14.17	11.4	39.6	14.16	11.7	40.0	–	–	–	
Handlers, equipment cleaners, helpers, and laborers									
Groundskeepers and gardeners, except farm ...	9.02	2.0	34.8	9.48	1.8	40.1	7.29	4.9	23.4
Supervisors, handlers, equipment cleaners, and laborers, n.e.c.	9.41	4.7	34.3	10.16	8.3	40.0	7.75	2.0	26.1
Helpers, mechanics and repairers	16.25	5.9	40.0	16.25	5.9	40.0	–	–	–
Helpers, construction trades	11.06	8.5	38.8	11.46	8.6	40.0	–	–	–
Construction laborers	8.98	9.5	41.0	8.98	9.5	41.0	–	–	–
Production helpers	11.50	5.9	39.0	11.69	6.2	39.7	–	–	–
Stock handlers and baggers	8.41	4.2	39.7	8.41	4.3	40.0	–	–	–
Machine feeders and offbearers	7.99	4.7	29.5	9.15	3.4	40.0	6.42	9.1	21.8
Freight, stock, and material handlers, n.e.c.	10.36	11.2	38.4	10.37	11.7	40.0	–	–	–
Garage and service station related	9.55	4.3	36.0	9.81	7.3	40.5	8.26	5.4	22.8
10.68	9.0	36.0	10.13	5.2	40.0	–	–	–	

See footnotes at end of table.

Table 3. Selected occupations, Mountain: 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—Continued									
Vehicle washers and equipment cleaners	\$8.12	8.4	31.7	\$8.47	9.9	40.0	—	—	—
Hand packers and packagers	7.66	4.8	39.1	7.62	4.9	39.9	—	—	—
Laborers, except construction, n.e.c.	9.02	3.5	35.5	9.46	3.9	40.0	\$7.55	4.5	25.8
Service	8.15	1.3	33.3	8.67	2.1	39.0	6.20	1.5	21.6
Protective service	12.14	7.1	37.3	12.77	7.5	40.9	7.41	11.8	22.3
Supervisors, firefighters and fire prevention	20.99	11.5	49.9	20.99	11.5	49.9	—	—	—
Supervisors, police and detectives	19.96	7.9	41.2	19.96	7.9	41.2	—	—	—
Supervisors, guards	—	—	—	9.74	11.8	39.0	—	—	—
Firefighting	14.03	4.3	47.7	14.40	3.6	49.5	—	—	—
Police and detectives, public service	18.85	6.5	39.3	18.86	6.6	40.0	—	—	—
Sheriffs, bailiffs, and other law enforcement officers	15.72	5.2	40.0	15.72	5.2	40.0	—	—	—
Correctional institution officers	11.80	5.6	40.0	11.65	5.8	40.0	—	—	—
Guards and police, except public service	7.36	4.3	34.9	7.50	2.7	39.7	6.71	15.0	22.0
Protective service, n.e.c.	11.99	12.7	26.6	14.33	10.4	38.6	8.41	3.2	18.0
Food service	6.39	3.3	31.0	6.88	3.0	38.3	5.41	2.2	22.5
Supervisors, food preparation and service	10.97	6.4	36.6	11.91	4.0	39.6	6.53	6.2	26.9
Bartenders	6.22	8.6	32.3	6.56	8.1	38.9	5.46	3.8	23.4
Waiters and waitresses	3.80	10.3	29.9	4.09	10.1	38.2	3.35	9.2	22.2
Cooks	7.93	3.6	34.1	8.14	4.0	37.9	7.23	3.9	25.4
Food counter, fountain, and related	5.69	1.8	26.1	5.82	5.0	36.4	5.62	1.1	22.2
Kitchen workers, food preparation	7.27	2.1	28.2	7.62	3.2	39.2	6.74	2.9	19.6
Waiters/Waitresses' assistants	4.94	4.5	32.6	5.02	4.9	38.4	4.71	4.1	23.3
Food preparation, n.e.c.	6.49	5.0	31.5	6.74	6.6	37.9	5.90	3.5	22.4
Health service	7.89	1.8	32.7	7.96	1.8	39.1	7.59	3.2	18.5
Health aides, except nursing	7.63	2.9	36.9	7.59	3.0	39.8	8.69	4.8	13.1
Nursing aides, orderlies and attendants	7.92	1.8	31.5	8.05	2.2	38.8	7.50	3.2	19.1
Cleaning and building service	7.94	2.4	35.4	8.14	3.0	39.5	6.68	1.5	21.2
Supervisors, cleaning and building service workers	10.85	6.3	39.8	10.85	6.3	39.8	—	—	—
Maids and housemen	6.72	1.7	32.0	6.62	2.2	39.3	—	—	—
Janitors and cleaners	8.16	2.7	36.5	8.34	2.9	39.6	6.38	1.9	21.2
Personal service	7.45	5.9	32.5	7.62	7.2	37.5	6.71	6.4	20.6
Supervisors, personal service	11.57	12.8	40.3	11.57	12.8	40.3	—	—	—
Attendants, amusement, and recreation facilities	5.99	.7	35.0	6.04	.7	39.5	5.64	2.1	20.7
Public transportation attendants	19.91	9.5	19.7	19.91	9.5	19.7	—	—	—
Baggage porters and bellhops	8.39	26.2	37.5	7.22	20.4	39.3	—	—	—
Welfare service aides	8.20	4.7	33.4	8.14	4.3	37.8	—	—	—
Early childhood teachers' assistants	6.69	2.0	22.4	7.41	4.4	34.0	6.33	3.6	19.1
Child care workers, n.e.c.	7.20	12.6	25.1	8.38	23.4	39.4	6.42	4.4	20.3
Service, n.e.c.	7.46	3.5	32.7	7.80	2.6	39.0	6.23	3.0	20.6

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

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

³ In this census division, collection was conducted between October 1996 and April

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, Mountain, 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	\$12.97	2.6	36.4	\$13.65	2.9	39.9	\$8.10	2.9	22.5
All excluding sales	13.02	2.6	36.7	13.60	2.9	39.9	8.29	2.8	22.5
White collar	15.88	2.5	37.2	16.55	2.5	40.2	10.24	5.2	22.7
White collar excluding sales	16.70	2.3	38.0	17.05	2.5	40.2	12.42	5.3	22.8
Professional specialty and technical	20.52	1.3	36.9	20.85	1.3	39.8	17.22	7.2	21.6
Professional specialty	22.19	1.4	37.4	22.48	1.4	40.3	19.26	9.3	21.9
Engineers, architects, and surveyors	26.85	3.3	40.7	26.85	3.3	40.7	-	-	-
Civil engineers	23.68	6.6	42.1	23.68	6.6	42.1	-	-	-
Electrical and electronic engineers	29.91	2.1	40.4	29.91	2.1	40.4	-	-	-
Industrial engineers	23.00	5.1	41.7	23.00	5.1	41.7	-	-	-
Mechanical engineers	21.84	7.0	40.4	21.84	7.0	40.4	-	-	-
Engineers, n.e.c.	32.01	3.7	40.0	32.01	3.7	40.0	-	-	-
Mathematical and computer scientists	24.69	2.7	40.8	24.89	2.5	40.8	-	-	-
Computer systems analysts and scientists	26.00	2.6	40.8	26.00	2.6	40.8	-	-	-
Operations and systems researchers and analysts	19.20	7.8	40.7	19.92	7.2	40.8	-	-	-
Natural scientists	24.82	8.3	39.7	24.82	8.3	39.7	-	-	-
Geologists and geodesists	26.72	13.9	40.2	26.72	13.9	40.2	-	-	-
Biological and life scientists	31.97	5.5	39.2	31.97	5.5	39.2	-	-	-
Health related	20.74	2.2	34.6	20.32	2.7	39.8	22.61	3.1	21.8
Physicians	45.57	10.5	35.0	42.73	13.6	41.4	-	-	-
Registered nurses	18.91	2.5	34.7	18.58	2.1	39.6	20.34	4.0	22.4
Pharmacists	28.28	3.6	35.7	29.08	2.8	40.2	-	-	-
Dietitians	17.88	4.5	37.7	-	-	-	-	-	-
Respiratory therapists	14.90	3.9	31.3	15.16	4.2	38.5	-	-	-
Occupational therapists	22.56	3.7	34.7	22.34	4.5	40.0	-	-	-
Physical therapists	26.20	7.7	27.3	23.60	7.2	40.5	31.36	5.7	16.6
Speech therapists	22.10	12.1	37.6	21.90	12.4	40.0	-	-	-
Teachers, college and university	17.67	14.9	39.3	17.55	15.4	43.5	20.58	9.7	12.3
Teachers, post secondary, n.e.c.	23.84	4.3	35.9	24.10	4.3	39.8	-	-	-
Teachers, except college and university	14.09	12.5	30.8	14.06	13.0	36.3	-	-	-
Elementary school teachers	17.15	12.4	39.5	17.16	12.6	40.2	-	-	-
Secondary school teachers	18.65	11.7	36.9	18.38	12.0	41.8	-	-	-
Teachers, n.e.c.	20.20	9.5	22.8	21.61	8.8	39.0	-	-	-
Librarians, archivists, and curators	-	-	-	-	-	-	-	-	-
Social scientists and urban planners	16.92	10.8	37.2	16.76	11.7	41.1	-	-	-
Economists	19.90	15.4	42.2	19.90	15.4	42.2	-	-	-
Psychologists	14.10	6.0	33.5	13.29	4.4	40.0	-	-	-
Social, recreation, and religious workers	12.66	7.8	36.6	12.25	8.4	40.5	16.05	11.8	20.5
Social workers	12.76	8.7	36.4	12.27	9.6	40.3	16.25	11.4	21.5
Recreation workers	11.85	11.3	38.4	11.95	11.4	42.2	-	-	-
Lawyers and judges	34.36	10.6	45.1	34.36	10.6	45.1	-	-	-
Lawyers	34.36	10.6	45.1	34.36	10.6	45.1	-	-	-
Writers, authors, entertainers, athletes, and professionals, n.e.c.	17.67	8.2	37.6	19.66	3.5	39.9	4.01	32.0	26.8
Designers	18.10	7.6	40.1	18.10	7.6	40.1	-	-	-
Editors and reporters	17.76	2.1	38.7	18.10	1.9	39.9	-	-	-
Public relations specialists	21.54	12.6	33.6	23.80	9.1	39.0	-	-	-
Professional, n.e.c.	23.36	10.4	40.0	23.36	10.4	40.0	-	-	-
Technical	17.01	2.8	36.1	17.42	3.0	38.8	12.70	2.6	20.9
Clinical laboratory technologists and technicians	13.13	3.5	38.2	13.02	3.7	39.9	17.06	16.8	15.2
Radiological technicians	12.85	3.3	34.7	12.96	4.0	40.0	-	-	-
Licensed practical nurses	12.53	2.1	33.9	12.60	2.1	39.4	12.20	4.3	21.0
Health technologists and technicians, n.e.c.	12.65	2.7	30.1	12.76	4.4	39.2	12.46	3.4	21.5
Electrical and electronic technicians	16.10	3.2	38.5	16.22	3.3	39.6	-	-	-
Engineering technicians, n.e.c.	16.92	4.7	40.0	16.92	4.7	40.0	-	-	-
Drafters	15.43	6.5	39.5	15.46	6.9	40.9	-	-	-
Surveying and mapping technicians	14.20	10.5	40.9	14.20	10.5	40.9	-	-	-
Biological technicians	17.54	7.2	38.2	17.56	7.6	40.0	-	-	-
Chemical technicians	14.37	3.0	40.0	14.37	3.0	40.0	-	-	-
Science technicians, n.e.c.	21.53	8.6	40.0	21.53	8.6	40.0	-	-	-
Airplane pilots and navigators	83.09	9.1	19.6	83.09	9.1	19.6	-	-	-

See footnotes at end of table.

Table 4. Selected occupations, Mountain, 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									
Technical –Continued									
Computer programmers	\$24.66	3.1	42.4	\$24.66	3.1	42.4	–	–	–
Legal assistants	15.64	6.2	39.8	15.64	6.2	39.8	–	–	–
Technical and related, n.e.c.	15.55	5.8	40.1	15.65	5.7	41.1	–	–	–
Executive, administrative, and managerial	24.85	3.4	41.7	24.95	3.4	42.0	\$17.74	7.1	28.9
Executives, administrators, and managers	27.09	3.3	42.4	27.12	3.4	42.5	–	–	–
Financial managers	27.59	10.2	41.5	27.59	10.2	41.5	–	–	–
Personnel and labor relations managers	27.38	6.5	40.5	27.96	6.4	41.3	–	–	–
Purchasing managers	21.66	22.0	43.6	21.66	22.0	43.6	–	–	–
Managers, marketing, advertising, and public relations	28.64	6.0	43.6	28.64	6.0	43.6	–	–	–
Administrators, education and related fields	16.73	10.9	42.7	16.73	10.9	42.7	–	–	–
Managers, medicine and health	30.89	6.9	38.7	31.18	6.6	39.5	–	–	–
Managers, food servicing and lodging establishments	19.02	9.0	44.7	19.02	9.0	44.7	–	–	–
Managers, service organizations, n.e.c.	23.84	11.6	44.9	23.84	11.6	44.9	–	–	–
Managers and administrators, n.e.c.	28.39	3.1	42.3	28.42	3.1	42.4	–	–	–
Management related	20.74	3.2	40.5	20.84	3.2	41.0	18.10	8.5	29.5
Accountants and auditors	17.63	7.7	40.2	17.63	7.7	40.2	–	–	–
Underwriters	21.33	6.1	39.3	21.33	6.1	39.3	–	–	–
Other financial officers	27.92	5.5	41.4	27.93	5.5	41.6	–	–	–
Management analysts	24.43	9.3	40.2	24.43	9.3	40.2	–	–	–
Personnel, training, and labor relations specialists	19.44	2.6	41.3	19.73	2.3	41.6	–	–	–
Purchasing agents and buyers, n.e.c.	20.19	6.5	39.9	20.19	6.5	39.9	–	–	–
Management related, n.e.c.	19.63	5.4	39.2	19.60	5.2	40.9	–	–	–
Sales	12.51	5.2	34.1	14.08	4.7	40.4	7.35	5.0	22.6
Supervisors, sales	20.00	6.5	39.9	20.63	6.7	41.0	–	–	–
Insurance sales	23.35	12.6	39.4	23.35	12.6	39.4	–	–	–
Real estate sales	24.60	28.9	42.3	–	–	–	–	–	–
Securities and financial services sales	26.69	35.5	39.4	27.95	35.8	40.7	–	–	–
Sales, other business services	15.46	4.4	38.0	15.22	4.7	39.1	–	–	–
Sales representatives, mining, manufacturing, and wholesale	20.45	5.0	41.7	20.45	5.0	41.7	–	–	–
Sales workers, motor vehicles and boats	16.42	9.3	43.7	16.42	9.3	43.7	–	–	–
Sales workers, apparel	6.37	9.6	24.9	–	–	–	5.56	3.4	22.2
Sales workers, radio, tv, hi-fi, and appliances ...	17.28	15.2	42.0	17.28	15.2	42.0	–	–	–
Sales workers, hardware and building supplies	9.14	1.7	36.5	9.25	1.9	40.0	–	–	–
Sales workers, parts	13.52	19.3	34.3	14.16	19.3	40.0	–	–	–
Sales workers, other commodities	10.09	7.8	30.6	11.56	10.0	39.8	7.39	3.5	21.4
Sales counter clerks	8.06	6.4	34.2	8.25	6.3	39.8	–	–	–
Cashiers	8.43	3.8	32.8	8.87	4.3	39.7	7.41	5.0	23.4
Sales support, n.e.c.	12.68	14.0	38.2	13.08	13.6	40.6	–	–	–
Administrative support, including clerical	10.36	.9	37.4	10.56	.9	39.7	8.39	1.7	23.5
Supervisors, general office	14.70	3.1	40.5	14.79	3.0	40.6	–	–	–
Supervisors, financial records processing	16.35	3.6	40.4	16.35	3.6	40.4	–	–	–
Supervisors, distribution, scheduling, and adjusting clerks	15.35	9.6	42.4	15.33	9.7	42.9	–	–	–
Computer operators	13.34	5.4	39.1	13.69	5.1	39.9	–	–	–
Secretaries	11.51	2.8	38.8	11.59	2.9	39.8	9.69	7.1	24.7
Stenographers	11.87	1.6	35.8	12.10	1.5	40.0	–	–	–
Typists	10.89	5.8	36.8	10.59	5.9	39.5	–	–	–
Interviewers	9.34	4.0	34.8	9.43	4.0	36.7	–	–	–
Hotel clerks	7.16	4.1	35.9	7.50	.6	40.0	–	–	–
Receptionists	7.64	1.7	35.0	7.65	1.8	40.0	7.54	3.6	16.8
Information clerks, n.e.c.	9.62	4.3	36.6	9.59	4.4	36.6	–	–	–
Correspondence clerks	11.36	6.8	36.5	11.39	7.7	39.6	–	–	–
Order clerks	8.51	1.7	37.8	–	–	–	8.23	4.6	26.7

See footnotes at end of table.

Table 4. Selected occupations, Mountain, 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									
Personnel clerks, except payroll and timekeeping	\$10.24	2.5	39.3	\$10.24	2.5	39.3	—	—	—
File clerks	7.26	2.4	35.7	7.36	2.4	40.0	\$6.75	7.5	22.7
Records clerks, n.e.c.	9.91	7.1	37.4	10.02	7.7	39.8	8.36	.7	20.9
Bookkeepers, accounting and auditing clerks ...	10.26	1.6	37.7	10.41	1.7	40.0	8.81	5.8	24.4
Payroll and timekeeping clerks	10.64	8.5	40.0	10.64	8.5	40.0	—	—	—
Billing clerks	10.21	4.6	39.1	10.17	4.7	40.0	—	—	—
Cost and rate clerks	12.23	13.3	34.1	12.18	14.8	38.8	—	—	—
Office machine operators, n.e.c.	7.63	3.5	35.9	7.90	4.5	39.7	—	—	—
Mail clerks, except postal service	10.23	3.9	34.6	11.72	7.1	39.9	—	—	—
Dispatchers	11.14	10.2	36.5	11.63	10.2	40.0	—	—	—
Production coordinators	11.24	2.5	35.1	11.58	2.9	40.0	—	—	—
Traffic, shipping and receiving clerks	11.54	3.8	39.8	11.58	4.0	40.2	—	—	—
Stock and inventory clerks	11.36	5.4	37.9	11.44	5.7	40.0	9.95	14.8	19.4
Expeditors	10.10	10.7	37.6	10.27	10.1	40.0	—	—	—
Insurance adjusters, examiners, and investigators	13.51	6.5	39.1	13.51	6.5	39.3	—	—	—
Investigators and adjusters, except insurance ...	10.31	4.0	38.6	10.35	4.0	39.2	—	—	—
Bill and account collectors	10.38	5.8	38.9	10.45	5.7	40.0	—	—	—
General office clerks	9.77	3.1	35.1	10.25	3.2	39.4	7.12	3.4	21.9
Bank tellers	10.44	4.6	34.5	10.91	5.9	40.8	—	—	—
Data entry keyers	9.06	3.0	38.1	9.06	3.4	39.8	9.11	4.8	24.3
Statistical clerks	10.92	6.1	36.4	11.02	6.5	39.5	—	—	—
Administrative support, n.e.c.	9.35	1.5	36.1	9.53	1.8	39.7	8.82	5.1	28.4
Blue collar	11.91	2.8	38.1	12.26	2.7	40.2	7.37	3.9	22.9
Precision production, craft, and repair									
Supervisors, mechanics and repairers	15.04	3.3	39.9	15.06	3.3	40.3	11.05	8.5	14.9
Automobile mechanics	20.06	2.1	40.0	20.06	2.1	40.0	—	—	—
Bus, truck, and stationary engine mechanics	20.68	9.9	40.1	20.69	9.9	40.1	—	—	—
Aircraft engine mechanics	16.03	5.4	40.0	16.03	5.4	40.0	—	—	—
Heavy equipment mechanics	18.39	11.5	40.0	18.39	11.5	40.0	—	—	—
Industrial machinery repairers	17.89	5.4	39.6	18.07	5.3	40.0	—	—	—
Machinery maintenance	17.10	3.0	40.0	17.10	3.0	40.0	—	—	—
Electronic repairers, communications and industrial equipment	13.95	6.5	40.0	13.95	6.5	40.0	—	—	—
Data processing equipment repairers	13.60	8.3	40.1	13.60	8.3	40.1	—	—	—
Telephone installers and repairers	13.77	8.0	40.0	13.77	8.0	40.0	—	—	—
Heating, air conditioning, and refrigeration mechanics	18.34	4.3	40.0	18.34	4.3	40.0	—	—	—
Mechanics and repairers, n.e.c.	16.46	3.7	40.0	16.46	3.7	40.0	—	—	—
Carpenters	14.85	2.6	39.7	14.86	2.6	39.9	—	—	—
Electricians	15.72	8.8	41.8	15.72	8.8	41.8	—	—	—
Painters, construction and maintenance	15.96	11.2	39.7	15.97	11.3	40.0	—	—	—
Plumbers, pipefitters and steamfitters	10.62	9.1	41.2	10.62	9.1	41.2	—	—	—
Construction trades, n.e.c.	20.44	2.5	39.9	20.44	2.5	39.9	—	—	—
Supervisors, production	16.76	5.7	35.5	16.86	6.1	40.6	—	—	—
Machinists	18.88	4.7	41.9	18.88	4.7	41.9	—	—	—
Sheet metal workers	14.67	3.0	40.0	14.67	3.0	40.0	—	—	—
Electrical and electronic equipment assemblers	11.91	9.9	40.0	11.91	9.9	40.0	—	—	—
Butchers and meat cutters	8.68	3.3	40.0	8.68	3.3	40.0	—	—	—
Bakers	12.04	6.2	39.4	12.04	6.4	40.0	—	—	—
Food batchmakers	9.73	6.6	38.8	9.76	6.7	39.7	—	—	—
Inspectors, testers, and graders	8.74	10.1	35.5	—	—	—	—	—	—
Machine operators, assemblers, and inspectors	15.09	8.7	40.6	15.09	8.7	40.6	—	—	—
Fabricating machine operators, n.e.c.	9.68	2.3	39.4	9.73	2.4	39.9	7.67	6.0	26.0
Molding and casting machine operators	11.06	2.6	40.0	11.06	2.6	40.0	—	—	—
Printing press operators	9.37	1.8	35.4	10.60	2.7	40.0	—	—	—
	15.39	5.2	39.2	15.23	5.4	40.0	—	—	—

See footnotes at end of table.

Table 4. Selected occupations, Mountain, 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									
Photoengravers and lithographers	\$14.76	5.8	39.1	\$14.76	5.8	39.1	—	—	—
Laundry and dry cleaning machine operators	6.54	4.4	35.1	6.65	4.3	39.0	—	—	—
Packaging and filling machine operators	9.40	6.2	40.0	9.40	6.2	40.0	—	—	—
Mixing and blending machine operators	8.66	11.4	40.0	8.66	11.4	40.0	—	—	—
Painting and paint spraying machine operators	9.96	5.9	40.4	9.96	5.9	40.4	—	—	—
Photographic process machine operators	11.24	5.5	38.5	—	—	—	—	—	—
Miscellaneous machine operators, n.e.c.	10.64	2.5	39.7	10.78	2.7	39.7	—	—	—
Welders and cutters	14.35	8.1	40.5	14.35	8.1	40.5	—	—	—
Assemblers	8.11	3.1	39.4	8.10	3.1	40.0	—	—	—
Miscellaneous hand working, n.e.c.	10.44	5.1	40.0	10.44	5.1	40.0	—	—	—
Production inspectors, checkers and examiners	10.09	7.5	39.1	10.26	7.8	40.0	—	—	—
Transportation and material moving	13.13	7.4	38.2	13.56	7.0	40.5	\$7.75	10.3	22.4
Truck drivers	13.36	5.2	40.0	13.40	5.3	40.9	12.12	10.4	23.9
Bus drivers	11.68	8.6	32.4	—	—	—	—	—	—
Parking lot attendants	6.82	2.8	31.1	—	—	—	—	—	—
Motor transportation, n.e.c.	6.76	5.1	32.5	7.03	5.6	40.0	6.28	4.4	24.2
Supervisors, material moving equipment	16.63	6.8	40.0	16.63	6.8	40.0	—	—	—
Industrial truck and tractor equipment operators	14.95	11.9	39.9	14.95	12.0	40.3	—	—	—
Miscellaneous material moving equipment operators, n.e.c.	14.97	19.4	39.3	14.99	20.1	39.9	—	—	—
Handlers, equipment cleaners, helpers, and laborers	8.91	2.1	34.8	9.37	1.9	40.1	7.13	4.1	23.1
Groundskeepers and gardeners, except farm ...	7.57	7.5	33.6	7.38	8.4	40.0	—	—	—
Supervisors, handlers, equipment cleaners, and laborers, n.e.c.	16.25	5.9	40.0	16.25	5.9	40.0	—	—	—
Helpers, mechanics and repairers	10.76	9.5	40.0	10.76	9.5	40.0	—	—	—
Helpers, construction trades	8.34	8.2	41.2	8.34	8.2	41.2	—	—	—
Construction laborers	11.69	6.4	39.7	11.69	6.4	39.7	—	—	—
Production helpers	8.41	4.2	39.7	8.41	4.3	40.0	—	—	—
Stock handlers and baggers	7.95	4.8	29.4	9.11	3.5	40.0	6.42	9.1	21.8
Machine feeders and offbearers	10.36	11.2	38.4	10.37	11.7	40.0	—	—	—
Freight, stock, and material handlers, n.e.c.	9.53	4.3	35.9	9.78	7.4	40.5	8.26	5.4	22.8
Garage and service station related	9.92	4.8	39.5	10.13	5.2	40.0	—	—	—
Vehicle washers and equipment cleaners	8.02	8.7	31.5	8.36	10.2	40.0	—	—	—
Hand packers and packagers	7.66	4.8	39.1	7.62	4.9	39.9	—	—	—
Laborers, except construction, n.e.c.	8.93	3.6	35.5	9.36	4.0	40.0	7.52	4.6	25.9
Service	6.99	1.2	32.9	7.31	1.7	38.7	5.93	1.9	22.2
Protective service	7.73	5.2	34.1	7.99	4.8	39.8	6.67	12.6	21.8
Supervisors, guards	—	—	—	9.26	13.9	39.0	—	—	—
Guards and police, except public service	7.32	4.1	34.9	7.45	2.4	39.7	6.68	15.3	22.0
Food service	6.24	4.3	31.9	6.74	4.0	38.4	5.14	1.9	23.1
Supervisors, food preparation and service	10.54	8.4	36.6	11.56	5.2	40.3	6.53	6.2	26.9
Bartenders	6.22	8.6	32.3	6.56	8.1	38.9	5.46	3.8	23.4
Waiters and waitresses	3.80	10.3	29.9	4.09	10.1	38.2	3.35	9.2	22.2
Cooks	7.89	4.3	35.9	8.08	4.2	37.9	6.80	3.7	27.5
Food counter, fountain, and related	5.64	1.9	27.0	5.82	5.0	36.4	5.51	.8	23.0
Kitchen workers, food preparation	7.37	2.7	31.7	7.67	4.0	39.2	6.90	3.6	24.1
Waiters'/Waitresses' assistants	4.94	4.5	32.6	5.02	4.9	38.4	4.71	4.1	23.3
Food preparation, n.e.c.	6.45	5.8	32.2	6.75	6.9	38.7	5.40	1.7	20.6
Health service	7.67	2.2	32.4	7.70	1.3	38.8	7.56	7.1	19.9
Health aides, except nursing	7.41	3.6	35.5	7.33	3.3	39.7	8.69	4.8	13.1
Nursing aides, orderlies and attendants	7.73	2.6	31.8	7.82	1.3	38.6	7.46	7.2	20.7
Cleaning and building service	7.37	3.0	34.4	7.50	3.7	39.6	6.78	1.7	21.3
Supervisors, cleaning and building service workers	8.78	5.3	39.7	8.78	5.3	39.7	—	—	—
Maids and housemen	6.83	1.1	31.4	6.77	1.0	39.3	—	—	—

See footnotes at end of table.

Table 4. Selected occupations, Mountain, 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)	
Service —Continued									
Cleaning and building service—Continued									
Janitors and cleaners	\$7.53	4.0	36.0	\$7.68	4.5	39.7	\$6.47	2.5	21.8
Personal service	7.34	7.2	33.9	7.51	7.7	37.5	6.37	9.8	21.9
Supervisors, personal service	10.89	12.3	40.3	10.89	12.3	40.3	—	—	—
Attendants, amusement, and recreation facilities	5.94	.9	36.0	6.04	.7	39.4	5.10	4.3	21.4
Public transportation attendants	19.91	9.5	19.7	19.91	9.5	19.7	—	—	—
Baggage porters and bellhops	8.39	26.2	37.5	7.22	20.4	39.3	—	—	—
Welfare service aides	—	—	—	7.61	8.5	41.3	—	—	—
Early childhood teachers' assistants	6.43	3.2	23.6	—	—	—	—	—	—
Child care workers, n.e.c.	7.38	20.2	33.4	8.63	28.6	40.0	—	—	—
Service, n.e.c.	7.43	4.0	33.0	7.76	3.0	38.9	6.20	3.3	21.0

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 October 1996 and April

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, Mountain, 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	\$17.42	1.9	36.5	\$17.99	1.9	39.7	\$12.57	3.2	21.9
All excluding sales	17.45	1.9	36.6	18.03	1.9	39.8	12.60	3.2	21.9
White collar	19.57	1.8	37.2	20.03	1.7	39.6	15.23	3.3	23.5
White collar excluding sales	19.63	1.8	37.2	20.09	1.7	39.6	15.32	3.3	23.7
Professional specialty and technical	22.86	2.1	36.9	23.34	2.2	39.4	18.96	2.8	24.3
Professional specialty	24.22	2.0	36.8	24.78	2.2	39.3	19.54	1.9	23.8
Engineers, architects, and surveyors	24.40	11.6	42.3	24.40	11.6	42.3	—	—	—
Civil engineers	24.48	5.0	40.0	24.48	5.0	40.0	—	—	—
Engineers, n.e.c.	24.70	19.4	44.0	24.70	19.4	44.0	—	—	—
Mathematical and computer scientists	20.35	6.0	40.0	20.35	6.0	40.0	—	—	—
Computer systems analysts and scientists	19.96	6.1	40.0	19.96	6.1	40.0	—	—	—
Natural scientists	23.35	3.5	44.6	24.71	5.2	47.2	—	—	—
Health related	24.90	17.8	35.7	27.81	24.2	39.4	20.15	1.4	30.9
Registered nurses	18.92	2.9	33.2	18.36	5.1	38.7	19.63	2.2	28.1
Teachers, college and university	28.10	5.5	36.1	29.69	5.5	40.0	21.12	5.1	25.4
Business, commerce, and marketing teachers ..	28.07	3.5	40.4	28.07	3.5	40.4	—	—	—
Teachers, post secondary, subject not specified ..	20.30	4.1	37.4	20.61	4.2	40.0	—	—	—
Teachers, except college and university	23.52	1.5	35.7	23.84	1.5	37.8	15.46	5.4	15.0
Elementary school teachers	24.10	6.2	36.2	24.27	6.2	37.6	18.32	5.6	16.6
Secondary school teachers	24.59	1.8	36.9	24.62	1.8	37.7	—	—	—
Teachers, special education	17.67	3.1	39.1	17.59	3.3	40.0	—	—	—
Teachers, n.e.c.	17.68	3.6	29.2	20.11	2.2	39.5	10.64	10.3	16.7
Substitute teachers	10.73	12.1	18.5	—	—	—	12.53	17.0	11.2
Vocational and educational counselors	30.10	13.3	34.4	30.29	13.7	35.3	—	—	—
Librarians, archivists, and curators	17.12	13.5	38.9	17.23	13.8	40.0	—	—	—
Librarians	17.12	13.5	38.9	17.23	13.8	40.0	—	—	—
Social scientists and urban planners	21.38	7.3	38.8	21.29	7.7	40.0	—	—	—
Psychologists	21.53	7.7	38.6	21.43	8.3	40.0	—	—	—
Social, recreation, and religious workers	17.75	5.5	38.2	17.70	6.3	40.0	—	—	—
Social workers	17.68	6.0	38.4	17.67	6.8	40.0	—	—	—
Lawyers and judges	36.47	13.1	41.4	36.46	13.1	42.1	—	—	—
Lawyers	29.14	8.0	43.4	29.14	8.0	43.4	—	—	—
Writers, authors, entertainers, athletes, and professionals, n.e.c.	25.82	9.0	28.0	25.46	11.7	40.0	27.09	5.8	13.5
Athletes	10.89	20.9	22.7	—	—	—	—	—	—
Technical	15.55	2.1	37.6	15.43	2.2	39.9	16.37	7.1	26.9
Licensed practical nurses	11.99	7.7	31.4	13.54	4.2	38.3	—	—	—
Health technologists and technicians, n.e.c.	11.95	5.5	34.2	—	—	—	—	—	—
Electrical and electronic technicians	12.70	21.2	40.0	12.70	21.3	40.0	—	—	—
Engineering technicians, n.e.c.	17.25	5.6	38.2	15.88	8.4	40.0	—	—	—
Legal assistants	13.78	6.9	40.0	13.78	6.9	40.0	—	—	—
Technical and related, n.e.c.	18.63	3.2	40.0	18.63	3.2	40.0	—	—	—
Executive, administrative, and managerial	22.89	2.9	39.9	23.02	3.0	40.3	—	—	—
Executives, administrators, and managers	25.55	4.2	40.3	25.68	4.2	40.5	—	—	—
Administrators and officials, public administration	22.60	7.0	41.3	22.60	7.0	41.4	—	—	—
Financial managers	24.07	6.3	40.0	24.07	6.3	40.0	—	—	—
Administrators, education and related fields	35.14	8.2	40.0	35.14	8.2	40.0	—	—	—
Managers, medicine and health	18.62	21.7	40.0	18.62	21.7	40.0	—	—	—
Managers, service organizations, n.e.c.	14.36	16.4	37.3	16.29	18.1	40.0	—	—	—
Managers and administrators, n.e.c.	21.66	6.5	40.2	21.66	6.5	40.2	—	—	—
Management related	17.43	5.1	39.0	17.40	5.3	40.0	—	—	—
Accountants and auditors	12.86	13.1	40.0	12.86	13.1	40.0	—	—	—
Personnel, training, and labor relations specialists	18.69	9.4	40.0	—	—	—	—	—	—
Construction inspectors	18.57	3.8	40.0	18.57	3.8	40.0	—	—	—
Inspectors and compliance officers, except construction	17.78	6.8	34.3	18.17	7.0	40.0	—	—	—
Management related, n.e.c.	19.58	7.6	39.4	19.69	7.6	40.0	—	—	—
Sales	9.86	8.9	30.1	10.39	14.7	35.3	—	—	—

See footnotes at end of table.

Table 5. Selected occupations, Mountain, 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									
Administrative support, including clerical	\$11.03	4.4	36.3	\$11.40	4.4	39.5	\$8.13	3.1	22.4
Supervisors, general office	18.23	9.0	41.8	18.23	9.0	41.8	–	–	–
Secretaries	10.81	1.7	39.1	10.92	1.7	40.0	–	–	–
Receptionists	7.92	3.2	37.0	8.09	4.2	40.0	–	–	–
Library clerks	9.50	6.3	33.0	10.23	6.4	40.0	7.43	9.9	22.0
Records clerks, n.e.c.	10.19	5.7	36.5	10.15	5.8	38.5	–	–	–
Bookkeepers, accounting and auditing clerks ...	12.24	7.3	40.0	12.24	7.3	40.0	–	–	–
Dispatchers	10.87	9.1	38.9	10.79	9.3	40.0	–	–	–
Eligibility clerks, social welfare	13.80	4.9	39.4	13.86	4.6	40.0	–	–	–
General office clerks	10.80	4.9	37.7	11.08	5.1	40.0	8.69	3.7	26.2
Teachers' aides	7.67	2.5	25.1	7.91	3.3	32.6	7.43	3.7	20.6
Administrative support, n.e.c.	12.06	10.2	39.1	12.07	11.0	40.0	–	–	–
Blue collar	13.67	3.9	36.7	14.17	4.6	40.0	9.49	3.7	21.7
Precision production, craft, and repair	17.20	3.8	39.8	17.20	3.8	39.9	–	–	–
Mechanics and repairers, n.e.c.	15.60	3.0	40.0	15.60	3.0	40.0	–	–	–
Machine operators, assemblers, and inspectors	–	–	–	–	–	–	–	–	–
Transportation and material moving	11.29	5.2	34.2	11.44	6.4	40.0	10.40	3.4	18.3
Truck drivers	11.70	5.9	40.0	11.70	5.9	40.0	–	–	–
Bus drivers	10.49	2.1	25.4	10.58	10.5	40.0	10.40	3.4	18.3
Operating engineers	10.31	5.4	40.0	10.31	5.4	40.0	–	–	–
Miscellaneous material moving equipment operators, n.e.c.	13.11	5.2	40.0	13.11	5.2	40.0	–	–	–
Handlers, equipment cleaners, helpers, and laborers	10.31	4.7	34.7	10.98	7.6	40.0	8.70	8.4	26.2
Groundskeepers and gardeners, except farm ...	9.82	5.9	34.4	10.95	11.8	40.0	7.66	2.1	27.2
Construction laborers	9.06	9.9	31.2	–	–	–	–	–	–
Laborers, except construction, n.e.c.	11.96	4.1	34.7	–	–	–	–	–	–
Service	11.79	5.9	34.6	12.50	6.6	40.2	7.56	1.8	18.9
Protective service	15.88	4.3	40.4	16.13	4.4	41.6	10.33	4.4	24.7
Supervisors, police and detectives	19.96	7.9	41.2	19.96	7.9	41.2	–	–	–
Firefighting	14.55	3.4	48.7	14.67	3.6	49.2	–	–	–
Police and detectives, public service	18.86	6.6	40.0	18.86	6.6	40.0	–	–	–
Sheriffs, bailiffs, and other law enforcement officers	15.72	5.2	40.0	15.72	5.2	40.0	–	–	–
Correctional institution officers	11.80	5.6	40.0	11.65	5.8	40.0	–	–	–
Protective service, n.e.c.	11.66	10.1	29.0	13.58	11.4	40.0	9.04	5.8	21.1
Food service	8.18	5.7	23.6	9.82	10.9	35.3	7.11	3.0	19.4
Supervisors, food preparation and service	13.72	10.3	36.7	13.72	10.3	36.7	–	–	–
Cooks	8.22	6.0	25.2	–	–	–	–	–	–
Kitchen workers, food preparation	6.70	5.3	17.4	–	–	–	–	–	–
Food preparation, n.e.c.	6.81	2.3	27.4	–	–	–	6.95	2.7	27.6
Health service	8.70	4.7	33.6	8.77	4.8	40.0	7.85	6.2	10.5
Health aides, except nursing	8.09	.9	40.0	8.09	.9	40.0	–	–	–
Nursing aides, orderlies and attendants	8.88	6.3	30.0	9.02	6.7	39.9	7.85	6.2	10.5
Cleaning and building service	9.08	2.5	37.4	9.27	2.8	39.5	6.12	1.3	20.5
Janitors and cleaners	8.98	1.9	37.3	9.15	2.0	39.5	6.10	1.5	19.5

See footnotes at end of table.

Table 5. Selected occupations, Mountain, 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)	
Service –Continued									
Personal service	\$8.18	3.1	25.7	\$8.70	6.5	37.4	\$7.51	2.3	18.2
Attendants, amusement, and recreation facilities	7.25	4.3	21.5	–	–	–	7.67	4.4	18.4
Early childhood teachers' assistants	6.95	2.3	21.3	8.02	4.1	38.7	6.58	4.3	18.4
Child care workers, n.e.c.	6.93	3.8	18.4	–	–	–	6.79	2.9	16.3

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 October 1996 and April

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 Mountain: 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	\$14.04	1.9	36.5	\$12.97	2.6	36.4	\$17.42	1.9	36.5
All excluding sales	14.17	2.0	36.7	13.02	2.6	36.7	17.45	1.9	36.6
White collar	16.98	1.5	37.2	15.88	2.5	37.2	19.57	1.8	37.2
1	6.24	1.8	26.9	6.21	1.8	27.4	6.63	9.4	21.0
2	8.59	6.5	34.6	8.68	7.8	35.1	8.22	4.2	32.8
3	8.40	3.1	34.3	8.33	3.6	34.1	8.83	2.8	34.9
4	9.96	1.3	36.3	9.76	2.0	36.3	10.87	4.1	36.0
5	12.40	1.6	37.4	12.48	2.0	37.5	12.17	3.3	37.3
6	13.07	1.5	37.4	13.18	1.9	37.4	12.72	1.4	37.4
7	17.20	1.5	39.2	16.60	1.9	39.9	18.16	3.1	38.2
8	18.96	2.5	38.5	19.08	3.3	39.0	18.70	3.3	37.7
9	21.41	1.0	38.3	20.32	.7	39.2	22.68	1.3	37.2
10	23.95	4.1	40.4	23.94	5.8	41.5	23.96	2.1	38.4
11	28.02	1.7	38.9	29.74	1.8	39.3	25.24	2.7	38.2
12	34.53	4.8	40.6	33.85	2.3	42.1	35.52	10.5	38.6
13	41.17	3.7	39.6	44.72	3.3	38.6	36.58	5.0	40.9
14	43.21	11.8	43.9	51.70	5.0	41.9	29.28	9.9	47.8
Not able to be leveled	27.95	12.5	34.9	24.13	15.2	36.8	33.23	14.3	32.6
White collar excluding sales	17.71	1.5	37.7	16.70	2.3	38.0	19.63	1.8	37.2
1	6.57	2.5	25.7	6.53	2.5	26.2	6.84	9.7	23.1
2	8.96	7.7	35.6	9.17	9.4	36.5	8.26	4.3	33.0
3	8.69	1.5	35.8	8.66	1.8	36.0	8.83	2.8	35.1
4	9.99	.9	37.2	9.72	1.8	37.6	10.89	4.1	36.0
5	12.36	1.9	37.7	12.44	2.7	37.9	12.16	3.4	37.2
6	12.94	1.2	37.0	13.02	1.4	36.9	12.73	1.4	37.3
7	16.94	1.4	39.1	16.09	1.7	39.7	18.16	3.1	38.2
8	18.23	1.5	38.2	17.96	1.5	38.6	18.69	3.3	37.7
9	21.43	1.0	38.1	20.30	.7	39.0	22.68	1.3	37.2
10	23.79	4.1	40.4	23.70	5.8	41.5	23.98	2.1	38.4
11	27.74	1.7	38.6	29.50	2.0	38.9	25.24	2.7	38.2
12	34.33	5.0	40.7	33.47	2.2	42.3	35.52	10.5	38.6
13	41.17	3.7	39.6	44.72	3.3	38.6	36.58	5.0	40.9
14	43.21	11.8	43.9	51.70	5.0	41.9	29.28	9.9	47.8
Not able to be leveled	27.63	13.0	34.8	23.47	15.9	36.7	33.23	14.3	32.6
Professional specialty and technical	21.58	1.3	36.9	20.52	1.3	36.9	22.86	2.1	36.9
Professional specialty	23.22	1.4	37.1	22.19	1.4	37.4	24.22	2.0	36.8
4	6.97	1.3	14.9	-	-	-	-	-	-
5	14.10	9.2	30.9	16.01	13.3	30.2	11.21	10.0	32.0
6	11.85	4.4	33.4	12.32	4.9	35.5	10.87	9.7	29.8
7	19.34	1.5	37.5	17.96	2.7	38.5	20.43	2.1	36.8
8	19.10	1.8	36.6	18.02	1.8	36.2	20.52	3.8	37.2
9	21.78	.8	36.8	19.31	1.5	37.5	23.64	1.7	36.3
10	24.33	2.3	38.8	24.21	4.0	40.6	24.47	3.1	36.8
11	25.74	1.9	38.2	26.94	1.5	39.1	24.23	4.3	37.0
12	35.00	9.5	38.8	33.19	1.9	40.4	36.68	16.5	37.4
13	39.25	4.4	39.8	42.49	3.3	38.5	36.36	5.6	41.1
14	36.40	15.0	45.9	49.56	6.0	41.9	-	-	-
Not able to be leveled	25.36	32.3	33.3	17.57	35.8	33.9	35.29	27.6	32.5
Engineers, architects, and surveyors	26.41	3.7	41.0	26.85	3.3	40.7	24.40	11.6	42.3
8	21.70	5.8	40.0	23.13	2.8	40.0	-	-	-
9	20.96	3.2	41.9	20.71	4.1	42.8	21.50	4.7	40.0
10	24.94	5.7	41.6	25.10	6.3	41.7	-	-	-
11	27.40	1.6	40.0	27.61	1.6	40.1	-	-	-
12	32.79	3.0	40.4	33.34	3.0	40.5	-	-	-
13	40.99	3.8	40.4	40.99	3.8	40.4	-	-	-
14	41.63	4.5	41.6	41.63	4.5	41.6	-	-	-
Mathematical and computer scientists	24.15	2.7	40.7	24.69	2.7	40.8	20.35	6.0	40.0
7	19.67	10.8	40.0	19.67	10.8	40.0	-	-	-
8	16.99	6.0	40.0	16.99	6.0	40.0	-	-	-
9	19.35	2.9	40.1	19.99	3.3	40.1	17.89	3.7	40.0
10	25.08	2.9	42.1	24.58	2.3	42.4	-	-	-
11	28.00	3.7	40.6	28.16	4.1	40.6	-	-	-
12	32.48	2.4	40.4	32.61	2.4	40.4	-	-	-

See footnotes at end of table.

Table 6. Occupational groups¹ and levels,² Mountain: 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									
13	\$35.85	3.3	47.0	\$35.85	3.3	47.0	–	–	–
Natural scientists	23.74	3.2	43.2	24.82	8.3	39.7	\$23.35	3.5	44.6
9	19.12	7.7	35.7	18.00	8.4	40.0	–	–	–
11	19.68	11.8	40.6	–	–	–	–	–	–
12	23.42	21.6	39.3	30.86	3.1	38.9	–	–	–
13	29.97	7.5	49.3	39.23	6.3	40.4	–	–	–
Health related	21.78	5.5	34.9	20.74	2.2	34.6	24.90	17.8	35.7
5	19.78	10.9	25.9	–	–	–	–	–	–
6	10.83	3.7	32.6	15.23	3.4	28.8	–	–	–
7	17.17	3.3	36.0	17.41	3.2	36.1	–	–	–
8	18.08	2.3	35.2	18.09	2.1	35.1	18.01	9.6	36.5
9	19.59	1.8	34.9	19.22	2.3	35.4	20.63	1.9	33.6
10	22.82	4.9	36.0	22.80	5.1	37.4	–	–	–
11	23.20	7.9	37.9	26.79	5.7	36.3	–	–	–
12	61.00	12.3	40.2	–	–	–	–	–	–
13	48.60	5.9	33.6	58.21	4.6	27.5	–	–	–
14	55.88	18.2	31.8	66.39	12.9	40.7	–	–	–
Teachers, college and university	27.11	5.9	36.4	17.67	14.9	39.3	28.10	5.5	36.1
8	15.63	3.0	39.2	16.94	10.7	36.4	–	–	–
9	14.77	12.7	33.7	–	–	–	–	–	–
10	24.71	2.8	35.0	22.28	13.8	36.7	24.85	2.7	34.9
11	25.85	4.2	37.8	22.92	5.1	33.5	26.02	4.8	38.1
12	31.05	3.6	36.6	–	–	–	–	–	–
Teachers, except college and university	23.12	1.4	35.5	14.09	12.5	30.8	23.52	1.5	35.7
5	11.06	14.6	30.1	18.14	14.6	39.5	9.60	4.6	28.8
6	10.36	5.3	27.7	–	–	–	–	–	–
7	21.56	2.6	36.5	21.46	22.0	31.2	21.57	2.6	36.6
8	21.53	3.1	36.6	16.52	13.6	36.7	21.62	3.2	36.6
9	25.34	2.6	36.6	19.71	7.9	35.9	25.39	2.6	36.6
Librarians, archivists, and curators	17.36	12.1	38.9	–	–	–	17.12	13.5	38.9
8	20.22	12.3	39.4	–	–	–	–	–	–
Social scientists and urban planners	19.96	7.5	38.3	16.92	10.8	37.2	21.38	7.3	38.8
7	12.46	2.7	40.4	12.81	3.6	40.7	–	–	–
8	22.65	18.3	36.2	–	–	–	–	–	–
9	16.64	3.7	40.2	–	–	–	–	–	–
Social, religious, and recreation workers	15.45	6.5	37.5	12.66	7.8	36.6	17.75	5.5	38.2
5	10.88	9.8	36.4	9.53	4.3	35.4	–	–	–
6	10.97	12.5	35.4	8.78	8.8	37.7	–	–	–
7	14.83	6.3	42.2	12.83	7.3	44.9	16.62	7.3	40.0
8	13.00	7.9	39.6	–	–	–	–	–	–
9	18.61	3.3	36.9	17.83	4.8	34.1	19.04	5.0	38.5
Lawyers and judges	35.84	10.3	42.5	34.36	10.6	45.1	36.47	13.1	41.4
12	32.33	1.5	43.7	–	–	–	–	–	–
Writers, authors, entertainers, athletes, and professionals, n.e.c.	19.46	6.9	34.9	17.67	8.2	37.6	25.82	9.0	28.0
5	12.51	17.7	31.3	12.51	17.7	31.3	–	–	–
6	14.61	7.8	38.0	14.76	8.4	37.8	–	–	–
7	15.93	6.2	38.2	15.44	7.9	37.8	–	–	–
9	19.70	2.7	39.8	19.72	2.7	39.9	–	–	–
10	24.86	2.3	39.9	25.06	3.9	39.8	–	–	–
11	22.95	2.0	26.8	–	–	–	–	–	–
Not able to be leveled	11.28	34.9	30.4	11.37	42.5	33.0	10.89	20.9	22.7
Technical	16.59	2.1	36.5	17.01	2.8	36.1	15.55	2.1	37.6
3	9.25	2.2	33.2	9.25	2.2	33.2	–	–	–
4	10.52	2.4	35.9	10.60	2.7	35.3	–	–	–
5	13.17	2.6	36.3	13.13	2.5	36.3	13.24	5.5	36.3
6	12.93	1.1	35.3	12.34	1.7	33.1	13.86	1.3	39.2
7	15.36	1.8	39.4	14.91	1.6	39.5	16.59	4.8	39.3
8	17.79	2.3	38.6	17.99	3.3	39.5	17.31	2.7	36.9

See footnotes at end of table.

Table 6. Occupational groups¹ and levels,² Mountain: 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									
Technical –Continued									
9	\$19.86	3.7	39.2	\$19.98	5.1	39.8	–	–	–
10	24.47	5.1	37.3	23.79	7.6	36.1	–	–	–
11	55.86	13.5	26.4	55.86	13.5	26.4	–	–	–
Executive, administrative, and managerial									
5	24.22	2.4	41.1	24.85	3.4	41.7	\$22.89	2.9	39.9
6	14.52	4.2	38.7	15.21	5.0	40.1	12.56	7.6	35.2
7	12.93	3.6	39.8	13.74	4.8	39.7	11.67	8.5	40.0
8	15.77	2.5	40.9	15.73	3.0	41.5	15.87	5.0	39.8
9	16.53	4.1	41.6	17.79	2.9	42.5	13.31	6.3	39.5
10	21.11	1.6	40.9	21.94	1.8	41.0	19.22	3.3	40.8
11	23.07	6.8	43.0	23.29	8.4	43.2	22.23	2.2	42.5
12	27.40	2.1	41.3	27.94	2.9	42.2	26.66	3.0	40.0
13	33.70	2.8	42.6	33.65	3.6	43.6	33.82	3.1	40.5
14	42.25	3.1	40.9	43.43	4.0	41.1	–	–	–
15	51.81	6.7	41.7	52.81	6.9	41.8	–	–	–
Not able to be leveled	34.44	11.3	37.3	31.17	14.4	38.6	39.27	18.3	35.6
Executives, administrators, and managers									
6	26.58	2.7	41.7	27.09	3.3	42.4	25.55	4.2	40.3
7	13.85	11.2	39.6	13.68	14.2	39.5	–	–	–
8	15.91	5.0	42.0	15.76	3.9	42.7	–	–	–
9	15.78	5.8	42.4	17.48	4.1	44.0	12.10	4.4	39.3
10	21.00	1.9	41.5	21.96	2.0	41.7	19.05	3.6	41.1
11	23.87	6.9	43.5	24.52	8.7	43.3	21.41	3.2	44.5
12	27.36	2.5	41.4	27.77	3.4	42.4	26.74	3.7	40.0
13	33.71	2.8	42.6	33.66	3.8	43.9	33.82	3.1	40.5
14	41.88	3.3	40.6	43.18	4.4	40.8	–	–	–
15	52.74	6.9	40.8	54.22	7.0	40.9	–	–	–
Not able to be leveled	37.29	11.0	40.3	34.74	13.7	40.6	–	–	–
Management related									
5	19.73	2.1	40.0	20.74	3.2	40.5	17.43	5.1	39.0
6	14.74	4.3	39.2	15.05	5.0	40.1	13.74	8.5	36.6
7	12.74	4.2	39.9	13.75	6.2	39.8	11.40	7.4	40.0
8	15.70	2.6	40.4	15.71	3.4	40.6	15.70	3.7	40.0
9	17.92	2.7	40.3	18.28	3.4	40.4	–	–	–
10	21.31	2.7	40.0	21.91	2.5	39.9	19.62	7.2	40.0
11	21.98	8.4	42.4	21.62	9.9	43.0	–	–	–
12	27.63	4.3	40.6	29.08	2.3	41.2	26.31	5.7	40.0
Not able to be leveled	33.56	4.9	41.7	33.56	4.9	41.7	–	–	–
13	15.52	6.3	25.0	16.15	6.0	32.0	–	–	–
Sales									
1	12.47	5.1	34.1	12.51	5.2	34.1	9.86	8.9	30.1
2	6.04	2.0	27.7	6.05	2.0	28.0	–	–	–
3	7.09	3.8	31.1	7.05	4.1	31.2	–	–	–
4	7.79	8.6	31.4	7.79	8.7	31.5	–	–	–
5	9.85	4.3	33.4	9.87	4.3	33.4	–	–	–
6	12.67	3.1	35.8	12.67	3.2	35.6	–	–	–
7	14.06	8.7	41.0	14.12	9.0	41.0	–	–	–
8	21.16	7.8	42.3	21.16	7.8	42.3	–	–	–
9	23.00	10.5	40.5	23.01	10.5	40.5	–	–	–
10	20.83	2.7	45.6	20.83	2.7	45.6	–	–	–
11	27.71	17.1	41.2	28.07	17.7	41.3	–	–	–
12	31.45	5.6	42.3	31.45	5.6	42.3	–	–	–
13	42.47	7.3	38.8	42.47	7.3	38.8	–	–	–
Administrative support, including clerical									
1	10.52	1.3	37.1	10.36	.9	37.4	11.03	4.4	36.3
2	6.57	2.5	25.7	6.53	2.5	26.2	6.84	9.7	23.1
3	8.97	7.7	35.7	9.18	9.4	36.5	8.26	4.3	33.0
4	8.68	1.5	35.9	8.64	1.9	36.0	8.83	2.9	35.4
5	9.97	1.0	37.5	9.65	1.7	38.0	10.96	4.3	36.0
6	11.75	1.7	39.2	11.59	1.2	39.4	12.11	4.3	39.0
7	13.39	1.8	39.2	13.45	2.0	39.2	12.81	3.3	39.0
8	15.42	3.0	40.0	15.54	2.2	39.9	15.21	7.3	40.0

See footnotes at end of table.

Table 6. Occupational groups¹ and levels,² Mountain: 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									
Administrative support, including clerical –Continued									
8	\$18.42	3.0	40.3	\$18.15	3.9	40.5	–	–	–
9	19.72	1.8	42.2	19.60	2.2	40.6	–	–	–
Not able to be leveled	12.58	11.0	38.8	12.62	15.9	38.3	–	–	–
Blue collar	12.09	2.5	38.0	11.91	2.8	38.1	\$13.67	3.9	36.7
1	6.90	1.3	33.2	6.87	1.4	33.4	8.85	12.0	26.8
2	7.91	1.5	37.2	7.90	1.7	37.3	8.11	5.4	34.0
3	9.32	1.6	36.6	9.28	1.6	37.7	9.61	5.7	29.3
4	10.71	1.6	38.9	10.67	1.6	39.1	11.04	8.9	37.2
5	12.71	1.6	39.1	12.69	1.9	39.2	12.83	3.0	38.3
6	15.39	4.2	40.6	15.59	4.5	40.8	14.12	4.8	39.4
7	17.45	3.1	39.9	17.47	3.4	39.9	17.30	3.3	39.8
8	18.38	2.3	40.4	18.51	2.4	40.5	17.36	3.0	40.0
9	22.29	2.0	40.7	22.69	2.4	40.9	20.60	1.0	40.0
Precision production, craft, and repair	15.28	2.9	39.9	15.04	3.3	39.9	17.20	3.8	39.8
1	7.17	4.6	40.0	7.17	4.6	40.0	–	–	–
2	7.96	3.1	39.8	7.96	3.1	39.8	–	–	–
3	9.48	2.4	39.7	9.48	2.4	39.7	–	–	–
4	9.60	5.7	39.9	9.27	4.1	39.9	–	–	–
5	12.75	3.8	38.6	12.68	4.2	38.5	13.27	5.0	40.0
6	15.20	3.1	40.7	15.47	3.1	40.9	13.85	6.1	39.8
7	17.82	3.1	39.9	17.77	3.5	39.9	18.19	5.0	39.7
8	18.54	2.4	40.5	18.70	2.7	40.6	17.36	3.0	40.0
9	22.32	1.9	40.7	22.74	2.4	40.9	20.54	1.0	40.0
Machine operators, assemblers, and inspectors	9.70	2.3	39.4	9.68	2.3	39.4	–	–	–
1	6.90	3.2	38.2	6.90	3.2	38.2	–	–	–
2	7.73	2.3	39.6	7.72	2.4	39.6	–	–	–
3	8.77	3.2	39.0	8.77	3.2	39.0	–	–	–
4	9.58	4.0	39.8	9.58	4.0	39.8	–	–	–
5	12.67	4.4	39.9	12.67	4.4	39.9	–	–	–
6	12.39	4.9	39.9	12.32	5.2	39.9	–	–	–
7	16.15	6.7	39.4	16.09	7.0	39.4	–	–	–
Transportation and material moving	12.69	6.4	37.2	13.13	7.4	38.2	11.29	5.2	34.2
1	5.82	5.4	29.8	5.82	5.4	29.8	–	–	–
2	8.05	5.3	36.7	7.85	5.9	37.4	9.19	6.1	32.9
3	9.73	3.4	31.8	9.69	4.3	36.9	9.83	10.4	24.2
4	11.95	8.3	36.5	13.13	7.1	36.5	10.29	4.7	36.5
5	13.14	3.1	38.9	13.34	3.6	39.8	12.43	4.5	36.0
6	17.49	9.0	41.3	–	–	–	–	–	–
7	15.71	3.6	40.3	16.09	3.2	40.4	14.53	5.4	40.0
Handlers, equipment cleaners, helpers, and laborers	9.02	2.0	34.8	8.91	2.1	34.8	10.31	4.7	34.7
1	6.95	1.6	32.0	6.91	1.6	32.2	8.85	12.0	26.8
2	8.06	3.5	33.9	8.11	3.8	34.0	7.51	6.6	33.4
3	9.50	2.4	35.4	9.52	2.5	35.5	9.43	8.8	35.0
4	11.40	1.8	39.4	11.38	1.9	39.3	11.95	1.8	40.0
5	11.61	1.8	39.3	11.38	2.2	39.1	12.55	2.5	40.0
6	15.60	4.0	39.0	15.65	4.5	40.0	–	–	–
Service	8.15	1.3	33.3	6.99	1.2	32.9	11.79	5.9	34.6
1	5.70	2.5	30.6	5.49	2.2	31.0	7.25	7.7	27.3
2	6.40	2.4	32.0	6.29	2.4	33.1	7.33	2.6	24.4
3	7.09	2.1	33.5	6.79	2.0	33.0	8.25	2.5	35.5
4	9.01	4.3	33.2	8.95	5.3	33.5	9.25	3.6	32.4
5	10.15	2.6	39.1	9.65	2.0	38.5	10.87	6.8	39.9
6	13.79	1.9	38.4	12.12	6.6	33.2	14.75	4.7	42.2

See footnotes at end of table.

Table 6. Occupational groups¹ and levels,² Mountain: 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									
7	\$15.99	3.4	40.5	\$14.17	10.6	39.1	\$16.40	3.1	40.9
8	18.23	4.1	40.4	15.29	6.5	40.5	19.39	4.9	40.4
9	19.89	4.3	42.0	–	–	–	19.89	4.3	42.0
10	26.03	4.3	42.5	–	–	–	26.22	4.9	41.3
Protective service	12.14	7.1	37.3	7.73	5.2	34.1	15.88	4.3	40.4
1	6.85	2.7	21.9	–	–	–	–	–	–
2	6.48	8.9	34.6	6.48	9.0	34.7	–	–	–
3	8.20	5.7	33.1	7.99	8.6	33.6	8.75	9.7	31.9
4	8.18	8.6	31.3	7.41	5.7	29.5	9.99	3.6	36.5
5	10.58	6.0	40.7	9.19	6.2	40.0	12.21	3.6	41.6
6	15.29	5.0	42.0	–	–	–	15.26	5.1	43.2
7	15.93	3.3	40.4	–	–	–	16.36	3.3	40.9
8	18.70	4.3	40.3	–	–	–	19.41	4.9	40.4
9	19.82	5.0	42.2	–	–	–	19.81	5.1	42.3
10	26.03	4.3	42.5	–	–	–	26.22	4.9	41.3
Food service	6.39	3.3	31.0	6.24	4.3	31.9	8.18	5.7	23.6
1	5.19	2.5	28.9	5.10	3.3	29.5	6.60	1.9	21.6
2	5.70	2.5	29.3	5.50	2.8	31.6	7.14	4.3	19.1
3	6.15	5.8	31.9	6.05	5.6	31.8	7.63	5.9	32.3
4	7.89	5.1	36.7	7.89	5.1	36.7	–	–	–
5	9.62	5.3	37.8	9.39	5.9	38.4	–	–	–
6	11.10	4.6	37.9	11.02	4.3	37.8	–	–	–
7	16.20	10.0	42.0	17.06	8.4	42.7	–	–	–
Health service	7.89	1.8	32.7	7.67	2.2	32.4	8.70	4.7	33.6
2	7.35	1.1	36.4	7.35	1.1	36.4	–	–	–
3	7.45	3.7	30.9	7.38	3.7	30.2	7.86	7.3	35.7
4	8.61	2.7	30.2	8.73	1.6	30.8	8.47	5.4	29.4
5	10.22	14.2	39.9	11.24	4.9	39.6	9.90	17.4	40.0
Cleaning and building service	7.94	2.4	35.4	7.37	3.0	34.4	9.08	2.5	37.4
1	6.59	3.8	34.9	6.19	1.4	34.9	7.67	10.3	35.0
2	7.21	1.7	31.6	7.02	1.0	30.7	7.85	3.5	35.2
3	8.15	2.9	39.0	7.74	2.2	38.9	8.61	4.0	39.2
4	9.61	2.9	38.2	9.26	1.3	37.8	–	–	–
5	9.59	6.6	40.0	–	–	–	9.57	8.8	40.0
6	13.03	4.8	40.0	–	–	–	–	–	–
7	17.17	15.0	40.0	–	–	–	–	–	–
Personal service	7.45	5.9	32.5	7.34	7.2	33.9	8.18	3.1	25.7
1	5.47	3.9	30.2	5.46	4.2	32.7	5.64	1.8	13.4
2	5.98	1.2	32.2	5.94	1.3	34.3	6.39	2.0	19.2
3	6.72	5.5	34.7	6.45	4.5	35.7	7.69	2.3	31.4
4	12.54	9.0	30.5	13.10	10.2	30.7	8.45	6.8	29.2
5	10.02	6.3	36.8	10.11	7.2	36.5	–	–	–
6	12.84	2.3	27.1	12.72	3.0	27.6	–	–	–

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 October 1996 and April 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 Mountain census division, the NCS studied 931 establishments with 50 or more workers,¹ representing about 19,700 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. Nonmetropolitan areas are counties that do not fit the metropolitan area definition.

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

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

Bannock County, ID
Carson City County, NV
Cheyenne County, CO
Denver-Boulder-Greeley, CO CMSA
Fergus County, MT
Fort Collins-Loveland, CO MSA
Great Falls, MT MSA
Lincoln County, WY
Phoenix-Mesa, AZ MSA
Reno, NV MSA
Yavapai County, AZ

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 the establishment 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 Mountain region, collection was conducted between October 1996 and April 1998 with an average reference period of July 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 Census of Population system
3. Characterization of jobs as full time v. part time, union v. nonunion, and time v. incentive
4. Determination of the level of work of each job

For each occupation, wage data 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 indi-

cated 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.

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 con-

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

taining 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) containing the entire summary.

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appropriate credit, may be reproduced without permission. This information is available to sensory impaired individuals upon request. Voice phone: (202) 691-5200; Federal Information Relay Service: 1-800-877-8339.

Table A. Number of establishments represented by the survey and number studied by industry group and establishment employment size, Mountain, 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	19,700	931	257	419	107	101	27	20
Private Industry	16,800	811	242	385	85	75	16	8
Goods-producing industries	3,400	210	50	103	30	20	4	3
Mining	200	13	3	8	2	-	-	-
Construction	1,100	38	17	21	-	-	-	-
Manufacturing	2,100	159	30	74	28	20	4	3
Durable goods	1,300	103	21	46	18	13	2	3
Fabricated metal products, except machinery and transportation equipment	100	7	2	5	-	-	-	-
Industrial and commercial machinery and computer equipment	200	22	4	9	5	3	1	-
Electronic and electrical equipment	400	22	2	11	6	1	-	2
Transportation equipment	100	10	3	2	1	2	1	1
Measuring, analyzing, and controlling instruments	100	14	1	8	2	3	-	-
Nondurable goods	800	56	9	28	10	7	2	-
Food and kindred products	100	13	1	5	4	3	-	-
Printing, publishing, and allied industries	200	17	3	8	3	2	1	-
Chemicals and allied products	300	8	1	4	1	1	1	-
Service-producing industries	13,400	601	192	282	55	55	12	5
Transportation and utilities	1,000	52	11	21	6	8	4	2
Wholesale trade	1,000	43	18	22	2	1	-	-
Retail trade	5,200	150	68	71	5	6	-	-
Finance, insurance and real estate	1,500	54	13	22	9	6	1	3
Depository institutions	100	16	4	6	2	1	-	3
Insurance carriers	200	18	4	8	4	2	-	-
Services	4,600	302	82	146	33	34	7	-
Business services	1,400	62	14	36	10	2	-	-
Educational services	100	34	15	18	-	1	-	-
Health services	1,200	104	20	50	11	19	4	-
Hospitals	200	39	1	9	8	17	4	-
Engineering, accounting, research, management, and related services	300	21	8	9	2	2	-	-
State and local government	2,900	120	15	34	22	26	11	12
Health services	500	11	3	4	3	1	-	-
Hospitals	500	9	3	2	3	1	-	-

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

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

Table B. Number of workers¹ represented by the survey, by occupational group,² Mountain, National Compensation Survey,³ 1997

Occupational group	All industries	Private industry	State and local government
All	3,559,800	2,615,000	944,800
All excluding sales	3,269,600	2,331,000	938,600
White collar	2,000,700	1,340,600	660,100
White collar excluding sales	1,710,500	1,056,600	653,900
Professional specialty and technical	767,300	381,500	385,900
Professional specialty occupations	592,400	256,900	335,500
Technical occupations	174,900	124,600	50,300
Executive, administrative, and managerial	278,100	182,500	95,600
Sales	290,300	284,000	6,200
Administrative support, including clerical	665,100	492,600	172,400
Blue collar	757,300	673,800	83,500
Precision production, craft, and repair	273,300	242,800	30,500
Machine operators, assemblers, and inspectors	160,900	158,900	—
Transportation and material moving	111,400	79,500	31,800
Handlers, equipment cleaners, helpers, and laborers	211,800	192,600	19,200
Service	801,800	600,600	201,200

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 October 1996 and April 1998. The average reference period was July 1997.

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