

Table 9

Full-time civilian workers: Hourly wage percentiles¹

Occupation ²	Wages fall at or below the following percentiles				
	10	25	50	75	90
All workers	\$9.27	\$12.00	\$16.71	\$25.43	\$37.56
Management occupations	20.26	26.60	37.14	51.51	67.31
Chief executives	21.64	23.60	62.50	97.69	125.48
General and operations managers	19.23	27.95	38.46	53.58	80.51
Advertising and promotions managers	17.31	19.88	25.33	38.46	56.41
Marketing and sales managers	23.48	32.13	39.07	49.95	65.10
Marketing managers	27.31	32.02	39.07	54.20	65.10
Sales managers	22.64	32.13	41.25	49.28	61.06
Public relations managers	15.39	19.52	24.14	40.87	50.63
Administrative services managers	18.25	20.81	26.73	33.40	37.49
Computer and information systems managers	30.23	40.50	53.63	61.83	72.12
Financial managers	21.31	29.69	38.46	52.89	68.95
Human resources managers	26.44	29.13	39.46	57.73	71.25
Compensation and benefits managers	23.00	28.77	29.13	38.94	67.45
Training and development managers	34.90	40.66	57.73	69.23	101.46
Industrial production managers	23.76	31.34	37.50	48.65	56.88
Purchasing managers	22.78	23.53	40.81	52.56	64.90
Transportation, storage, and distribution managers	21.25	32.93	41.77	48.08	57.69
Construction managers	22.27	26.03	35.52	46.63	55.90
Education administrators	19.97	28.88	38.44	49.33	57.65
Education administrators, elementary and secondary school ..	30.40	33.72	44.66	50.02	57.79
Education administrators, postsecondary	19.25	22.56	36.06	48.03	73.08
Engineering managers	36.10	45.73	55.61	71.49	72.55
Food service managers	15.22	20.54	22.85	29.59	29.89
Medical and health services managers	12.41	17.55	34.24	45.16	57.30
Natural sciences managers	22.36	22.36	28.92	56.75	71.31
Property, real estate, and community association managers	20.94	21.64	22.27	31.00	38.46
Social and community service managers	18.82	23.11	30.80	32.21	36.06
Business and financial operations occupations	17.54	21.50	27.52	36.06	47.80
Buyers and purchasing agents	19.75	21.64	26.95	33.65	37.98
Wholesale and retail buyers, except farm products	17.00	21.64	24.70	29.71	36.19
Purchasing agents, except wholesale, retail, and farm products	20.65	21.50	28.86	34.52	39.48
Claims adjusters, appraisers, examiners, and investigators	17.53	19.71	25.05	34.29	43.75
Claims adjusters, examiners, and investigators	17.53	19.71	25.05	34.29	43.75
Compliance officers, except agriculture, construction, health and safety, and transportation	13.61	20.29	30.42	35.25	37.75
Cost estimators	20.85	23.59	30.46	43.36	48.03
Human resources, training, and labor relations specialists	14.99	19.59	25.48	34.97	43.97
Employment, recruitment, and placement specialists	14.70	16.54	20.70	34.62	36.05
Compensation, benefits, and job analysis specialists	20.19	21.80	27.09	33.25	35.58
Training and development specialists	11.50	19.87	26.85	35.45	42.19
Logisticians	19.62	25.54	34.72	42.20	45.05
Management analysts	19.15	24.04	32.08	49.93	59.86
Meeting and convention planners	15.36	19.25	21.72	27.81	28.21

See footnotes at end of table.

Table 9

Full-time civilian workers: Hourly wage percentiles¹ — Continued

Occupation ²	Wages fall at or below the following percentiles				
	10	25	50	75	90
Business and financial operations occupations –Continued					
Accountants and auditors	\$17.52	\$22.14	\$26.67	\$32.47	\$44.78
Appraisers and assessors of real estate	9.70	16.60	18.20	22.01	29.28
Budget analysts	20.64	22.75	27.52	30.70	41.35
Credit analysts	19.81	22.75	29.42	54.77	78.27
Financial analysts and advisors	19.54	23.35	29.66	45.40	59.09
Financial analysts	22.69	25.64	31.82	46.33	65.78
Personal financial advisors	18.75	20.36	24.82	42.31	59.09
Insurance underwriters	17.40	19.67	22.97	33.15	47.01
Financial examiners	19.42	20.10	28.98	34.64	42.43
Loan counselors and officers	17.31	21.03	26.92	34.86	44.67
Loan officers	17.31	21.03	26.92	33.33	44.67
Tax examiners, collectors, preparers, and revenue agents	12.76	12.89	13.87	17.92	20.93
Tax examiners, collectors, and revenue agents	12.76	12.89	13.88	18.20	20.93
Computer and mathematical science occupations					
Computer and information scientists, research	19.48	25.14	35.10	44.41	53.98
Computer programmers	41.78	50.94	56.95	64.90	72.12
Computer software engineers	18.35	21.15	32.71	40.74	50.00
Computer software engineers, applications	27.40	34.86	41.78	48.00	57.69
Computer software engineers, systems software	27.40	34.98	42.51	47.81	57.69
Computer software engineers, systems software	27.14	34.57	40.88	49.35	59.81
Computer support specialists	16.61	19.71	24.54	29.30	40.50
Computer systems analysts	22.81	30.26	39.59	47.52	54.09
Database administrators	22.51	23.43	33.65	44.39	49.74
Network and computer systems administrators	20.19	23.96	34.09	41.23	46.75
Network systems and data communications analysts	19.35	23.08	30.40	42.31	47.08
Operations research analysts	22.12	26.21	28.11	44.85	50.68
Statisticians	20.07	22.19	31.07	31.32	57.69
Architecture and engineering occupations					
Architects, except naval	19.45	24.04	31.08	40.87	48.77
Architects, except landscape and naval	21.42	25.69	35.41	44.23	58.97
Architects, except landscape and naval	20.19	26.41	37.02	54.87	58.97
Surveyors, cartographers, and photogrammetrists	19.88	22.50	24.98	25.00	28.35
Engineers	25.00	30.29	38.42	45.14	51.96
Aerospace engineers	31.73	35.44	39.99	46.48	51.15
Civil engineers	24.25	28.44	34.04	41.75	45.40
Computer hardware engineers	32.69	39.66	45.48	58.93	70.64
Electrical and electronics engineers	26.67	31.09	37.50	44.17	48.39
Electrical engineers	25.93	29.53	38.81	47.06	52.24
Electronics engineers, except computer	28.59	31.79	36.54	43.27	46.55
Environmental engineers	23.12	26.68	30.00	35.35	43.86
Industrial engineers, including health and safety	20.92	30.23	37.58	48.86	54.77
Health and safety engineers, except mining safety engineers and inspectors	30.23	35.34	51.96	59.39	59.39
Industrial engineers	20.81	24.35	35.01	43.35	48.86
Mechanical engineers	23.33	25.64	31.73	40.19	47.10

See footnotes at end of table.

Table 9

Full-time civilian workers: Hourly wage percentiles¹ — Continued

Occupation ²	Wages fall at or below the following percentiles				
	10	25	50	75	90
Architecture and engineering occupations –Continued					
Drafters	\$14.45	\$16.90	\$23.08	\$27.94	\$36.54
Architectural and civil drafters	15.82	20.38	24.13	36.54	36.54
Mechanical drafters	21.94	22.95	23.16	26.44	28.06
Engineering technicians, except drafters	16.65	20.88	25.39	29.25	32.95
Civil engineering technicians	13.88	16.00	16.34	22.50	26.92
Electrical and electronic engineering technicians	20.95	23.21	26.38	29.90	30.00
Mechanical engineering technicians	17.95	19.45	25.63	33.13	45.00
Surveying and mapping technicians	12.50	15.00	18.00	20.17	23.14
Life, physical, and social science occupations					
Life scientists	17.85	22.10	26.38	36.82	49.74
Biological scientists	21.30	24.78	36.06	42.32	50.89
Medical scientists	21.75	21.75	41.61	42.32	45.54
Physical scientists	18.73	24.78	33.65	41.98	53.29
Chemists and materials scientists	18.67	22.60	29.24	36.21	57.74
Chemists	21.04	23.18	31.54	40.73	84.13
Chemists	21.04	23.15	29.60	35.63	84.13
Environmental scientists and geoscientists	16.83	20.01	27.55	34.65	39.92
Environmental scientists and specialists, including health ..	16.83	19.81	25.66	33.30	35.56
Market and survey researchers	22.21	24.04	28.85	39.70	49.74
Market research analysts	19.23	23.97	25.48	33.25	45.39
Psychologists	23.11	24.83	31.42	40.85	45.03
Clinical, counseling, and school psychologists	23.11	24.83	31.42	40.85	45.03
Urban and regional planners	21.50	22.01	24.37	28.94	36.29
Miscellaneous social scientists and related workers	21.89	22.28	41.90	66.73	68.76
Biological technicians	15.58	17.80	23.54	24.54	27.23
Chemical technicians	13.46	16.98	24.52	26.15	28.94
Miscellaneous life, physical, and social science technicians	14.71	17.35	21.86	25.74	31.34
Community and social services occupations					
Counselors	11.87	14.86	17.63	22.31	28.85
Substance abuse and behavioral disorder counselors	14.00	16.08	19.97	27.15	35.69
Educational, vocational, and school counselors	12.52	14.00	17.16	20.21	21.17
Mental health counselors	18.02	19.39	28.36	34.96	44.34
Rehabilitation counselors	15.95	18.05	19.85	21.76	22.43
Social workers	12.78	14.90	18.25	21.72	27.19
Child, family, and school social workers	13.01	15.92	18.56	23.24	28.85
Medical and public health social workers	12.13	14.42	16.90	24.15	30.33
Mental health and substance abuse social workers	15.14	17.12	21.43	26.42	29.07
Mental health and substance abuse social workers	13.46	15.87	19.83	21.07	24.25
Miscellaneous community and social service specialists	9.31	11.35	14.94	17.25	20.75
Probation officers and correctional treatment specialists	14.11	15.87	17.66	21.74	25.29
Social and human service assistants	9.25	9.50	13.10	15.67	19.10
Legal occupations					
Lawyers	15.75	19.33	28.85	45.82	74.36
Judges, magistrates, and other judicial workers	22.10	34.62	49.70	73.13	89.23
Judges, magistrates, and other judicial workers	9.54	17.08	20.26	64.73	64.73

See footnotes at end of table.

Table 9

Full-time civilian workers: Hourly wage percentiles¹ — Continued

Occupation ²	Wages fall at or below the following percentiles				
	10	25	50	75	90
Legal occupations –Continued					
Paralegals and legal assistants	\$12.98	\$17.31	\$21.98	\$28.85	\$34.62
Miscellaneous legal support workers	13.00	15.84	21.64	23.75	24.02
Education, training, and library occupations					
Postsecondary teachers	12.81	22.58	29.30	37.04	46.29
Business teachers, postsecondary	22.70	28.23	37.51	49.62	67.55
Math and computer teachers, postsecondary	36.23	46.29	50.02	58.50	62.47
Mathematical science teachers, postsecondary	24.78	32.98	39.97	52.93	63.18
Engineering and architecture teachers, postsecondary	31.88	33.45	37.72	47.64	51.35
Engineering teachers, postsecondary	39.07	39.07	60.40	91.37	91.37
Life sciences teachers, postsecondary	39.07	39.07	60.40	91.37	91.37
Biological science teachers, postsecondary	26.81	31.29	36.44	50.85	62.82
Physical sciences teachers, postsecondary	26.40	31.29	36.44	49.14	64.85
Chemistry teachers, postsecondary	32.05	38.06	45.65	50.50	62.50
Social sciences teachers, postsecondary	35.39	40.09	45.65	54.49	62.50
Psychology teachers, postsecondary	35.35	40.96	43.85	54.41	67.55
Health teachers, postsecondary	33.68	42.17	43.85	43.85	48.11
Health specialties teachers, postsecondary	28.35	32.50	42.45	69.77	104.00
Nursing instructors and teachers, postsecondary	32.50	36.06	51.06	100.51	107.69
Education and library science teachers, postsecondary	28.02	28.56	33.39	40.87	45.65
Education teachers, postsecondary	25.04	26.68	30.75	47.87	76.82
Arts, communications, and humanities teachers, postsecondary	25.04	26.68	30.75	47.87	76.82
Art, drama, and music teachers, postsecondary	25.65	32.64	38.45	52.72	63.17
English language and literature teachers, postsecondary	25.65	25.65	28.55	38.15	42.27
Foreign language and literature teachers, postsecondary	23.93	35.16	39.26	45.70	52.72
History teachers, postsecondary	22.58	30.76	38.44	38.84	45.19
Philosophy and religion teachers, postsecondary	28.39	38.45	53.18	67.67	74.01
Miscellaneous postsecondary teachers	27.50	33.45	37.18	60.01	60.01
Vocational education teachers, postsecondary	21.99	22.70	28.87	40.43	51.66
Primary, secondary, and special education school teachers	15.00	21.99	22.70	24.48	24.48
Preschool and kindergarten teachers	22.82	25.91	31.05	36.99	43.56
Preschool teachers, except special education	11.00	16.16	26.82	35.19	44.09
Kindergarten teachers, except special education	10.57	11.00	13.27	19.34	38.76
Elementary and middle school teachers	23.37	25.70	29.97	37.61	45.60
Elementary school teachers, except special education	22.96	25.84	31.25	36.42	42.54
Middle school teachers, except special and vocational education	22.81	25.56	30.93	36.57	42.43
Secondary school teachers	23.25	26.98	31.91	35.73	42.54
Secondary school teachers, except special and vocational education	24.08	26.72	31.33	39.35	44.72
Vocational education teachers, secondary school	24.01	26.72	31.78	39.52	45.01
Special education teachers	24.69	26.13	28.80	34.22	43.24
Special education teachers, preschool, kindergarten, and elementary school	23.04	26.45	30.71	37.17	45.48
	22.78	26.35	32.40	39.97	45.72

See footnotes at end of table.

Table 9

Full-time civilian workers: Hourly wage percentiles¹ — Continued

Occupation ²	Wages fall at or below the following percentiles				
	10	25	50	75	90
Education, training, and library occupations –Continued					
Special education teachers, middle school	\$20.31	\$26.24	\$31.81	\$35.61	\$38.42
Special education teachers, secondary school	24.70	27.17	30.71	30.71	45.21
Other teachers and instructors	9.91	13.28	27.12	32.94	37.88
Archivists, curators, and museum technicians	15.87	19.89	23.85	36.03	36.03
Librarians	19.75	22.41	29.88	37.92	47.25
Library technicians	11.96	12.79	14.57	16.48	18.28
Instructional coordinators	24.04	24.52	31.98	44.64	72.69
Teacher assistants	10.18	11.23	12.73	13.85	16.55
Arts, design, entertainment, sports, and media occupations					
Artists and related workers	13.76	17.07	22.10	31.49	44.42
Designers	14.42	14.71	28.85	39.12	49.93
Graphic designers	12.98	15.26	19.00	25.00	30.00
Actors, producers, and directors	14.00	17.30	20.43	25.00	28.64
Producers and directors	12.48	17.06	21.27	37.44	54.28
Athletes, coaches, umpires, and related workers	12.48	17.06	21.27	37.44	54.28
Coaches and scouts	12.00	19.24	24.10	33.52	35.71
News analysts, reporters and correspondents	12.00	16.23	29.65	33.52	35.71
Reporters and correspondents	15.07	17.81	23.01	42.41	52.75
Public relations specialists	15.07	17.81	23.01	42.41	52.75
Writers and editors	18.95	21.59	27.10	37.07	62.93
Editors	18.54	22.48	26.95	38.16	59.49
Technical writers	15.14	22.71	26.09	34.35	44.23
Writers and authors	20.06	22.48	31.49	40.38	75.24
Broadcast and sound engineering technicians and radio operators	18.11	21.13	28.90	48.72	48.72
Broadcast technicians	11.88	15.57	18.84	21.70	37.76
Photographers	11.88	15.08	19.20	21.70	37.76
Healthcare practitioner and technical occupations	13.76	13.76	15.39	17.98	17.98
Dietitians and nutritionists	13.41	18.00	24.62	30.39	37.68
Pharmacists	14.42	17.12	20.34	23.49	25.26
Physicians and surgeons	42.16	48.60	53.32	55.69	59.63
Registered nurses	23.97	25.48	72.37	132.48	187.50
Therapists	21.46	24.25	28.00	32.10	37.05
Occupational therapists	19.86	24.93	30.28	34.45	37.85
Physical therapists	24.88	28.26	31.96	36.99	38.41
Respiratory therapists	20.74	32.14	33.65	36.52	38.25
Speech-language pathologists	20.00	23.17	26.13	29.21	32.30
Clinical laboratory technologists and technicians	26.62	27.22	31.27	37.38	42.64
Medical and clinical laboratory technologists	13.00	16.52	20.43	24.44	26.71
Medical and clinical laboratory technicians	13.69	20.28	23.63	26.17	27.29
Dental hygienists	12.40	14.94	17.34	19.55	23.13
Diagnostic related technologists and technicians	14.00	25.00	28.75	33.97	34.00
Cardiovascular technologists and technicians	16.38	21.32	26.64	31.42	35.28
	12.91	13.50	24.37	27.04	31.00

See footnotes at end of table.

Table 9

Full-time civilian workers: Hourly wage percentiles¹ — Continued

Occupation ²	Wages fall at or below the following percentiles				
	10	25	50	75	90
Healthcare practitioner and technical occupations –Continued					
Diagnostic medical sonographers	\$25.00	\$31.15	\$33.47	\$39.23	\$39.23
Nuclear medicine technologists	31.73	31.73	32.74	36.62	37.42
Radiologic technologists and technicians	17.74	20.50	25.67	28.31	32.40
Emergency medical technicians and paramedics	9.50	10.50	13.06	17.58	23.00
Health diagnosing and treating practitioner support technicians	9.57	11.95	14.75	18.51	21.28
Pharmacy technicians	10.37	11.50	13.77	16.15	20.85
Psychiatric technicians	8.39	9.69	11.95	13.27	15.16
Respiratory therapy technicians	20.29	21.21	22.23	27.11	32.13
Surgical technologists	13.65	16.50	18.03	19.75	23.12
Licensed practical and licensed vocational nurses	11.21	14.88	17.34	20.47	23.00
Medical records and health information technicians	11.68	13.90	16.35	21.42	23.12
Miscellaneous health technologists and technicians	13.10	14.50	17.50	19.00	25.89
Occupational health and safety specialists and technicians	14.11	19.85	30.00	30.00	30.00
Occupational health and safety specialists	14.11	16.15	19.85	24.59	38.87
Healthcare support occupations					
Nursing, psychiatric, and home health aides	9.08	10.34	11.91	14.04	17.25
Home health aides	8.59	9.75	10.70	12.20	13.65
Nursing aides, orderlies, and attendants	8.26	9.29	10.00	10.58	11.88
Psychiatric aides	8.84	9.92	10.92	12.54	14.09
Physical therapist assistants and aides	8.25	9.80	11.37	11.89	12.28
Physical therapist assistants	12.58	17.25	17.25	23.00	28.00
Physical therapist aides	17.25	17.25	17.25	23.50	30.00
Physical therapist aides	11.71	12.35	13.08	23.00	23.00
Miscellaneous healthcare support occupations	10.35	11.50	13.26	15.60	18.00
Dental assistants	12.30	15.00	17.00	19.00	21.25
Medical assistants	10.76	10.84	13.00	15.25	17.09
Medical equipment preparers	9.65	10.86	12.00	14.55	16.05
Medical transcriptionists	13.51	13.70	15.38	16.01	17.47
Pharmacy aides	7.50	10.50	13.26	13.26	14.00
Veterinary assistants and laboratory animal caretakers	9.50	10.21	11.00	11.54	13.00
Protective service occupations					
First-line supervisors/managers, law enforcement workers	10.00	12.48	16.51	23.13	31.14
First-line supervisors/managers of correctional officers	17.63	22.55	33.14	43.71	49.51
First-line supervisors/managers of police and detectives	14.59	14.59	18.92	28.87	41.64
First-line supervisors/managers of fire fighting and prevention	20.51	27.16	34.83	44.95	51.20
workers	17.51	21.15	23.24	34.64	42.41
Fire fighters	12.14	14.29	17.67	22.36	28.99
Bailiffs, correctional officers, and jailers	12.65	13.82	15.19	18.44	21.93
Correctional officers and jailers	12.65	13.82	15.19	18.44	21.93
Detectives and criminal investigators	15.41	16.67	21.34	28.06	34.07
Police officers	15.36	17.63	22.21	27.69	33.45
Police and sheriff's patrol officers	15.36	17.63	22.21	27.69	33.45
Security guards and gaming surveillance officers	8.80	9.55	10.50	12.50	14.99
Security guards	8.80	9.55	10.50	12.50	14.99

See footnotes at end of table.

Table 9

Full-time civilian workers: Hourly wage percentiles¹ — Continued

Occupation ²	Wages fall at or below the following percentiles				
	10	25	50	75	90
Food preparation and serving related occupations	\$3.92	\$7.21	\$8.81	\$11.49	\$14.00
First-line supervisors/managers, food preparation and serving workers	9.50	11.54	13.72	15.39	19.23
Chefs and head cooks	10.00	10.68	14.29	14.90	22.65
First-line supervisors/managers of food preparation and serving workers	9.00	11.83	13.72	15.67	19.08
Cooks	7.40	8.50	10.00	12.00	14.10
Cooks, fast food	6.80	7.25	8.00	10.00	12.00
Cooks, institution and cafeteria	8.57	9.59	11.15	13.03	16.00
Cooks, restaurant	7.25	8.92	10.85	12.50	14.50
Cooks, short order	7.40	8.07	9.67	11.25	12.00
Food preparation workers	8.00	8.50	10.25	12.00	12.91
Food service, tipped	2.13	2.77	4.19	6.00	9.69
Bartenders	2.66	3.81	5.28	7.96	10.35
Waiters and waitresses	2.13	2.25	3.79	4.23	6.00
Dining room and cafeteria attendants and bartender helpers ..	4.75	6.00	8.00	10.72	11.85
Fast food and counter workers	6.55	7.25	7.95	9.50	11.94
Combined food preparation and serving workers, including fast food	6.55	7.21	8.00	9.50	11.94
Counter attendants, cafeteria, food concession, and coffee shop	7.08	7.27	7.69	10.06	11.28
Food servers, nonrestaurant	3.80	7.50	8.51	8.51	11.73
Dishwashers	7.25	7.85	8.25	9.25	10.30
Hosts and hostesses, restaurant, lounge, and coffee shop	5.60	7.25	9.00	11.00	14.71
Building and grounds cleaning and maintenance occupations	7.73	8.70	10.49	12.71	16.25
First-line supervisors/managers, building and grounds cleaning and maintenance workers	12.64	15.75	17.92	21.80	26.32
First-line supervisors/managers of housekeeping and janitorial workers	11.38	13.04	17.92	20.19	22.60
First-line supervisors/managers of landscaping, lawn service, and groundskeeping workers	16.38	16.68	18.12	24.64	28.61
Building cleaning workers	7.45	8.43	10.01	12.24	14.02
Janitors and cleaners, except maids and housekeeping cleaners	7.50	8.62	10.67	12.34	14.39
Maids and housekeeping cleaners	7.25	8.14	8.90	10.30	12.92
Pest control workers	11.92	14.06	16.25	16.68	17.16
Grounds maintenance workers	8.00	9.00	10.18	12.13	15.00
Landscaping and groundskeeping workers	8.00	9.00	10.12	12.00	15.00
Personal care and service occupations	7.25	8.50	10.65	14.46	23.89
First-line supervisors/managers of personal service workers	12.03	12.89	14.46	20.19	22.26
Miscellaneous entertainment attendants and related workers	8.00	10.00	12.57	13.19	13.19
Amusement and recreation attendants	8.57	11.36	13.19	13.19	13.19
Locker room, coatroom, and dressing room attendants	7.54	8.03	10.36	11.50	13.22
Barbers and cosmetologists	7.50	8.00	16.75	23.89	42.43

See footnotes at end of table.

Table 9

Full-time civilian workers: Hourly wage percentiles¹ — Continued

Occupation ²	Wages fall at or below the following percentiles				
	10	25	50	75	90
Personal care and service occupations –Continued					
Hairdressers, hairstylists, and cosmetologists	\$7.50	\$8.00	\$16.75	\$23.89	\$42.43
Baggage porters, bellhops, and concierges	2.13	6.55	12.81	13.67	15.75
Transportation attendants	6.55	6.55	37.83	44.31	50.47
Flight attendants	39.50	39.50	44.31	50.47	50.47
Child care workers	7.00	8.00	9.00	10.64	12.44
Personal and home care aides	9.00	9.50	10.50	11.50	11.93
Recreation and fitness workers	8.67	9.69	12.63	22.04	23.16
Recreation workers	8.57	9.23	11.76	19.45	23.15
Sales and related occupations	8.50	10.20	13.48	20.16	31.25
First-line supervisors/managers, sales workers	11.10	13.24	17.40	21.69	31.04
First-line supervisors/managers of retail sales workers	10.65	12.98	17.30	20.00	25.20
First-line supervisors/managers of non-retail sales workers ...	13.80	18.22	24.52	30.84	38.46
Retail sales workers	8.00	8.75	10.80	13.46	17.50
Cashiers, all workers	7.65	8.46	9.06	11.50	13.00
Cashiers	7.65	8.46	9.10	11.50	13.00
Counter and rental clerks and parts salespersons	8.47	9.80	12.60	17.09	22.88
Counter and rental clerks	7.25	8.50	9.80	12.53	15.46
Parts salespersons	10.10	12.67	16.59	20.00	24.62
Retail salespersons	8.01	9.70	11.86	15.00	20.47
Advertising sales agents	12.50	14.64	19.20	32.89	43.72
Insurance sales agents	12.00	17.50	21.39	39.53	46.15
Securities, commodities, and financial services sales agents	19.23	22.84	31.37	49.03	96.57
Travel agents	10.88	10.88	13.38	13.95	15.19
Sales representatives, wholesale and manufacturing	13.11	16.89	23.41	34.54	48.08
Sales representatives, wholesale and manufacturing,					
technical and scientific products	15.39	20.73	32.49	49.58	68.65
Sales representatives, wholesale and manufacturing, except					
technical and scientific products	12.75	16.15	21.41	30.77	35.38
Models, demonstrators, and product promoters	12.02	12.02	14.50	19.04	22.76
Demonstrators and product promoters	12.02	12.02	14.50	19.04	22.76
Real estate brokers and sales agents	10.72	12.88	13.00	21.10	27.75
Real estate sales agents	10.72	12.24	13.00	21.10	27.75
Telemarketers	9.42	11.00	15.20	16.03	23.08
Miscellaneous sales and related workers	10.14	13.86	17.96	24.53	33.48
Office and administrative support occupations	10.31	12.14	14.91	18.32	22.17
First-line supervisors/managers of office and administrative					
support workers	14.50	16.75	21.19	24.71	29.94
Switchboard operators, including answering service	8.55	8.84	11.25	13.19	15.90
Telephone operators	9.00	9.00	10.00	12.29	20.79
Financial clerks	10.83	12.55	15.15	17.93	20.75
Bill and account collectors	11.50	12.77	15.00	17.33	20.25
Billing and posting clerks and machine operators	11.00	13.36	15.50	17.07	21.60
Bookkeeping, accounting, and auditing clerks	11.12	13.10	15.78	18.84	21.54

See footnotes at end of table.

Table 9

Full-time civilian workers: Hourly wage percentiles¹ — Continued

Occupation ²	Wages fall at or below the following percentiles				
	10	25	50	75	90
Office and administrative support occupations –Continued					
Payroll and timekeeping clerks	\$12.75	\$15.68	\$17.59	\$19.86	\$21.36
Procurement clerks	11.75	14.13	16.56	20.53	24.19
Tellers	10.21	11.04	12.39	14.83	16.77
Brokerage clerks	11.33	13.28	16.11	19.23	22.77
Court, municipal, and license clerks	11.94	12.89	14.96	17.63	22.95
Credit authorizers, checkers, and clerks	13.31	16.11	17.94	21.27	23.88
Customer service representatives	10.81	12.52	14.39	17.68	21.18
Eligibility interviewers, government programs	10.68	13.50	16.50	18.02	20.38
File clerks	8.55	10.10	11.50	12.60	16.29
Hotel, motel, and resort desk clerks	8.48	9.00	10.00	11.00	12.00
Interviewers, except eligibility and loan	7.50	11.25	13.27	15.31	17.40
Library assistants, clerical	10.19	11.58	13.08	14.13	16.72
Loan interviewers and clerks	12.33	13.10	14.50	17.31	21.61
New accounts clerks	12.20	13.66	16.22	17.50	22.32
Order clerks	10.71	11.50	15.49	19.00	22.04
Human resources assistants, except payroll and timekeeping	11.62	13.74	16.63	19.45	30.40
Receptionists and information clerks	9.30	10.40	12.41	14.50	16.00
Reservation and transportation ticket agents and travel clerks	9.21	10.86	14.38	18.81	19.41
Cargo and freight agents	14.60	15.25	18.13	21.28	23.75
Dispatchers	11.71	13.31	16.00	19.10	22.00
Police, fire, and ambulance dispatchers	11.71	12.98	14.86	17.33	19.89
Dispatchers, except police, fire, and ambulance	11.86	14.96	17.25	20.54	22.70
Meter readers, utilities	10.00	10.00	14.67	17.54	19.75
Production, planning, and expediting clerks	14.25	16.19	18.81	22.38	24.62
Shipping, receiving, and traffic clerks	9.25	10.80	12.98	15.65	19.36
Stock clerks and order fillers	8.85	10.10	11.82	13.55	16.65
Weighers, measurers, checkers, and samplers, recordkeeping	7.72	7.72	12.60	14.79	16.85
Secretaries and administrative assistants	11.65	13.75	17.00	21.25	26.36
Executive secretaries and administrative assistants	13.93	16.39	19.96	24.02	28.85
Legal secretaries	12.57	16.01	20.51	28.03	33.49
Medical secretaries	8.96	11.96	13.50	16.35	19.27
Secretaries, except legal, medical, and executive	11.26	13.35	15.24	18.75	21.15
Computer operators	11.50	13.81	15.60	19.75	24.75
Data entry and information processing workers	9.62	11.65	14.04	16.50	20.02
Data entry keyers	9.62	11.95	13.98	16.10	19.00
Word processors and typists	9.74	11.39	15.51	21.30	25.49
Desktop publishers	14.39	14.39	18.47	21.23	21.23
Insurance claims and policy processing clerks	11.25	13.38	16.00	18.27	21.86
Mail clerks and mail machine operators, except postal service	8.25	8.37	10.87	12.80	15.31
Office clerks, general	10.46	12.00	14.35	16.54	20.55
Office machine operators, except computer	9.00	10.08	12.75	13.75	14.97
Farming, fishing, and forestry occupations	8.99	10.05	12.95	15.00	21.42
Construction and extraction occupations	10.00	12.40	15.25	20.25	25.56

See footnotes at end of table.

Table 9

Full-time civilian workers: Hourly wage percentiles¹ — Continued

Occupation ²	Wages fall at or below the following percentiles				
	10	25	50	75	90
Construction and extraction occupations –Continued					
First-line supervisors/managers of construction trades and extraction workers	\$17.26	\$20.00	\$25.00	\$29.83	\$35.97
Brickmasons, blockmasons, and stonemasons	10.00	15.00	20.00	21.63	26.56
Brickmasons and blockmasons	9.75	15.00	21.00	21.63	26.56
Carpenters	12.98	14.50	17.00	20.75	24.52
Cement masons, concrete finishers, and terrazzo workers	11.25	12.80	15.00	17.70	19.50
Cement masons and concrete finishers	11.25	12.80	15.00	17.70	19.50
Construction laborers	9.00	10.00	11.00	13.25	15.75
Construction equipment operators	11.00	13.00	15.00	17.00	21.75
Paving, surfacing, and tamping equipment operators	10.00	10.84	13.91	15.00	16.00
Operating engineers and other construction equipment operators	11.32	13.32	15.05	18.00	22.66
Drywall installers, ceiling tile installers, and tapers	13.61	14.00	16.00	18.00	20.50
Drywall and ceiling tile installers	13.61	14.00	15.75	18.50	21.00
Electricians	13.75	15.50	19.29	24.80	34.00
Insulation workers	12.00	14.35	16.00	19.08	21.51
Painters and paperhangers	11.00	12.00	13.54	15.00	19.50
Painters, construction and maintenance	11.00	12.00	14.94	15.34	19.70
Pipelayers, plumbers, pipefitters, and steamfitters	12.00	13.51	18.33	20.50	27.32
Pipelayers	10.87	12.00	12.71	14.25	16.00
Plumbers, pipefitters, and steamfitters	12.00	14.50	18.90	20.50	27.66
Roofers	10.00	11.78	13.50	16.00	22.00
Sheet metal workers	13.25	14.50	16.60	19.00	28.50
Helpers, construction trades	9.00	10.00	11.09	13.50	15.00
Helpers--carpenters	9.00	10.00	12.51	13.50	15.00
Helpers--electricians	10.86	11.00	12.98	13.35	14.56
Helpers--pipelayers, plumbers, pipefitters, and steamfitters ...	9.30	10.00	10.00	11.09	11.36
Construction and building inspectors	16.22	19.52	22.97	25.65	31.98
Highway maintenance workers	11.47	12.32	13.64	16.51	18.18
Septic tank servicers and sewer pipe cleaners	12.86	13.69	14.64	16.76	25.01
Miscellaneous construction and related workers	10.63	10.99	17.66	20.50	22.18
Mining machine operators	11.60	14.98	23.25	24.50	33.44
Continuous mining machine operators	23.25	23.25	24.50	24.50	34.11
Installation, maintenance, and repair occupations					
First-line supervisors/managers of mechanics, installers, and repairers	11.53	14.33	19.05	25.00	30.79
Computer, automated teller, and office machine repairers	17.79	21.22	24.04	30.92	35.51
Radio and telecommunications equipment installers and repairers	13.76	16.00	19.23	20.00	23.52
Telecommunications equipment installers and repairers, except line installers	22.62	26.02	29.09	31.58	33.23
Miscellaneous electrical and electronic equipment mechanics, installers, and repairers	22.62	26.02	29.09	31.58	33.23
Miscellaneous electrical and electronic equipment mechanics, installers, and repairers	13.87	16.35	19.95	24.32	33.65

See footnotes at end of table.

Table 9

Full-time civilian workers: Hourly wage percentiles¹ — Continued

Occupation ²	Wages fall at or below the following percentiles				
	10	25	50	75	90
Installation, maintenance, and repair occupations –Continued					
Electrical and electronics repairers, commercial and industrial equipment	\$13.80	\$15.50	\$18.64	\$23.20	\$31.71
Electrical and electronics repairers, powerhouse, substation, and relay	28.07	28.89	29.89	32.04	32.17
Security and fire alarm systems installers	16.35	17.80	18.11	20.13	34.62
Aircraft mechanics and service technicians	18.50	23.55	26.84	31.72	41.16
Automotive technicians and repairers	9.00	12.00	16.48	21.00	27.58
Automotive body and related repairers	10.50	12.32	15.81	18.75	27.80
Automotive service technicians and mechanics	9.00	12.00	17.00	21.25	26.05
Bus and truck mechanics and diesel engine specialists	12.00	14.75	18.27	22.15	25.78
Heavy vehicle and mobile equipment service technicians and mechanics	16.48	18.89	22.24	23.19	24.60
Mobile heavy equipment mechanics, except engines	16.48	19.46	22.24	23.19	24.60
Small engine mechanics	10.88	11.97	12.50	17.18	23.00
Motorboat mechanics	9.00	10.88	12.00	17.00	27.00
Miscellaneous vehicle and mobile equipment mechanic, installers, and repairers	6.56	7.50	10.00	10.50	13.03
Tire repairers and changers	6.56	7.50	10.00	10.50	12.00
Control and valve installers and repairers	12.36	12.57	20.00	24.20	26.00
Control and valve installers and repairers, except mechanical door	12.57	16.07	21.63	24.89	26.00
Heating, air conditioning, and refrigeration mechanics and installers	12.50	15.00	19.25	24.50	30.36
Industrial machinery installation, repair, and maintenance workers	12.52	14.38	17.52	21.27	27.30
Industrial machinery mechanics	14.38	17.76	21.91	26.55	30.79
Maintenance and repair workers, general	11.80	13.51	16.66	19.40	23.07
Maintenance workers, machinery	13.07	14.10	15.67	18.70	23.85
Line installers and repairers	17.80	24.36	27.00	28.68	31.07
Electrical power-line installers and repairers	14.22	20.48	28.39	30.93	32.04
Telecommunications line installers and repairers	20.00	24.84	27.00	28.16	29.09
Precision instrument and equipment repairers	11.25	13.28	16.72	21.27	24.60
Miscellaneous installation, maintenance, and repair workers	9.97	10.89	13.27	16.00	20.49
Helpers--installation, maintenance, and repair workers	9.00	10.50	13.27	14.51	16.24
Production occupations	8.95	10.80	14.00	18.00	23.71
First-line supervisors/managers of production and operating workers	13.00	16.80	22.12	28.85	37.82
Aircraft structure, surfaces, rigging, and systems assemblers	16.73	22.23	23.38	26.45	29.91
Electrical, electronics, and electromechanical assemblers	9.00	10.84	12.65	14.93	18.07
Electrical and electronic equipment assemblers	9.00	10.33	12.34	14.43	17.97
Electromechanical equipment assemblers	11.45	12.06	14.08	18.07	18.07
Structural metal fabricators and fitters	9.50	10.30	15.00	16.05	22.00
Miscellaneous assemblers and fabricators	8.92	11.95	13.15	16.66	23.66
Team assemblers	10.31	12.00	13.00	14.29	15.53

See footnotes at end of table.

Table 9

Full-time civilian workers: Hourly wage percentiles¹ — Continued

Occupation ²	Wages fall at or below the following percentiles				
	10	25	50	75	90
Production occupations –Continued					
Bakers	\$10.00	\$12.00	\$12.94	\$14.00	\$15.00
Butchers and other meat, poultry, and fish processing workers ..	8.77	9.70	10.20	12.00	14.00
Butchers and meat cutters	8.17	9.32	13.36	15.00	18.90
Meat, poultry, and fish cutters and trimmers	9.00	9.70	10.10	10.85	12.00
Miscellaneous food processing workers	7.50	8.50	10.25	12.00	16.20
Food batchmakers	8.50	8.72	11.00	15.20	18.25
Computer control programmers and operators	10.90	13.72	17.00	18.78	21.00
Computer-controlled machine tool operators, metal and plastic	10.90	13.72	17.00	18.78	21.00
Forming machine setters, operators, and tenders, metal and plastic	13.36	13.40	18.02	19.66	23.09
Extruding and drawing machine setters, operators, and tenders, metal and plastic	13.36	13.36	18.00	18.93	20.13
Rolling machine setters, operators, and tenders, metal and plastic	8.32	15.50	21.62	42.15	46.86
Machine tool cutting setters, operators, and tenders, metal and plastic	8.35	10.82	13.67	15.50	17.44
Cutting, punching, and press machine setters, operators, and tenders, metal and plastic	8.25	10.69	13.11	15.50	16.00
Grinding, lapping, polishing, and buffing machine tool setters, operators, and tenders, metal and plastic	11.34	12.00	13.67	14.91	17.79
Lathe and turning machine tool setters, operators, and tenders, metal and plastic	8.35	12.75	13.00	18.83	19.79
Machinists	13.92	17.00	20.00	23.46	26.00
Molders and molding machine setters, operators, and tenders, metal and plastic	9.75	11.22	13.42	13.86	16.94
Molding, coremaking, and casting machine setters, operators, and tenders, metal and plastic	9.75	11.22	13.42	13.86	16.94
Multiple machine tool setters, operators, and tenders, metal and plastic	13.19	15.53	16.52	16.83	21.45
Tool and die makers	18.00	18.50	22.17	23.52	26.50
Welding, soldering, and brazing workers	13.00	15.00	17.25	20.00	25.90
Welders, cutters, solderers, and brazers	13.00	14.67	17.54	21.00	27.52
Welding, soldering, and brazing machine setters, operators, and tenders	14.06	15.50	16.56	18.50	21.67
Miscellaneous metalworkers and plastic workers	9.00	10.00	12.05	18.20	23.00
Plating and coating machine setters, operators, and tenders, metal and plastic	10.25	10.25	12.05	14.38	31.81
Printers	9.00	11.00	14.90	19.82	23.15
Prepress technicians and workers	7.50	14.93	19.82	20.30	22.90
Printing machine operators	9.00	11.00	14.00	18.28	24.65
Laundry and dry-cleaning workers	7.25	7.60	9.10	11.04	12.97
Pressers, textile, garment, and related materials	7.75	8.50	9.08	10.00	11.00
Sewing machine operators	7.44	9.25	14.07	16.61	16.61
Textile machine setters, operators, and tenders	10.00	10.62	12.21	13.90	15.93

See footnotes at end of table.

Table 9

Full-time civilian workers: Hourly wage percentiles¹ — Continued

Occupation ²	Wages fall at or below the following percentiles				
	10	25	50	75	90
Production occupations –Continued					
Textile bleaching and dyeing machine operators and tenders	\$8.50	\$9.00	\$10.40	\$11.70	\$13.50
Textile cutting machine setters, operators, and tenders	8.03	9.63	12.54	12.81	12.81
Textile knitting and weaving machine setters, operators, and tenders	10.35	11.75	13.71	15.40	15.59
Textile winding, twisting, and drawing out machine setters, operators, and tenders	10.35	10.62	11.74	13.38	16.85
Miscellaneous textile, apparel, and furnishings workers	10.25	13.13	15.76	19.55	23.75
Extruding and forming machine setters, operators, and tenders, synthetic and glass fibers	12.49	13.57	19.55	19.55	19.55
Upholsterers	12.15	15.76	15.76	21.00	25.35
Cabinetmakers and bench carpenters	11.00	15.00	17.79	19.00	25.90
Woodworking machine setters, operators, and tenders	10.00	11.47	14.29	16.34	17.00
Sawing machine setters, operators, and tenders, wood	8.07	10.35	12.30	16.86	17.00
Woodworking machine setters, operators, and tenders, except sawing	11.00	12.00	14.29	16.34	17.40
Power plant operators, distributors, and dispatchers	27.47	28.76	30.32	38.75	38.75
Power plant operators	27.47	27.86	29.93	30.02	30.74
Water and liquid waste treatment plant and system operators	13.23	15.46	17.45	22.25	24.76
Miscellaneous plant and system operators	18.34	21.41	22.22	24.34	26.69
Chemical plant and system operators	18.19	20.80	22.26	25.37	26.69
Chemical processing machine setters, operators, and tenders	12.48	16.80	21.49	23.02	31.28
Chemical equipment operators and tenders	12.50	17.00	21.49	23.02	31.28
Crushing, grinding, polishing, mixing, and blending workers	10.00	10.30	13.77	18.85	24.71
Crushing, grinding, and polishing machine setters, operators, and tenders	12.00	15.68	16.60	18.85	30.01
Grinding and polishing workers, hand	10.23	10.23	11.95	12.85	13.81
Mixing and blending machine setters, operators, and tenders	10.00	10.00	14.01	21.92	25.80
Cutting workers	10.51	12.50	13.19	15.50	18.96
Cutters and trimmers, hand	9.27	12.39	13.63	16.39	21.25
Cutting and slicing machine setters, operators, and tenders	10.51	12.50	12.54	15.00	18.68
Extruding, forming, pressing, and compacting machine setters, operators, and tenders	8.95	8.95	11.04	15.56	23.30
Furnace, kiln, oven, drier, and kettle operators and tenders	12.84	12.84	17.13	24.48	37.71
Inspectors, testers, sorters, samplers, and weighers	9.25	10.50	13.57	16.68	19.77
Medical, dental, and ophthalmic laboratory technicians	11.38	14.00	17.50	23.71	24.25
Dental laboratory technicians	11.38	14.00	17.50	23.71	24.25
Packaging and filling machine operators and tenders	8.96	11.69	14.07	17.72	20.47
Painting workers	10.50	11.87	15.56	18.75	25.90
Coating, painting, and spraying machine setters, operators, and tenders	11.25	11.87	13.50	17.28	19.04
Painters, transportation equipment	15.00	16.00	18.64	25.90	34.60
Painting, coating, and decorating workers	9.00	9.88	10.50	16.50	20.10
Miscellaneous production workers	8.32	10.00	12.82	16.70	21.86
Cementing and gluing machine operators and tenders	8.55	10.06	10.80	13.93	24.41
Molders, shapers, and casters, except metal and plastic	14.00	14.00	14.00	15.84	18.42

See footnotes at end of table.

Table 9

Full-time civilian workers: Hourly wage percentiles¹ — Continued

Occupation ²	Wages fall at or below the following percentiles				
	10	25	50	75	90
Production occupations –Continued					
Paper goods machine setters, operators, and tenders	\$11.00	\$14.06	\$16.56	\$21.73	\$23.35
Tire builders	14.10	14.42	22.66	23.75	24.34
Helpers--production workers	7.50	8.32	10.31	14.18	18.21
Transportation and material moving occupations					
First-line supervisors/managers of helpers, laborers, and material movers, hand	8.97	10.61	13.82	18.47	22.98
First-line supervisors/managers of transportation and material-moving machine and vehicle operators	14.00	14.67	18.25	19.84	23.54
Aircraft pilots and flight engineers	16.74	20.30	24.05	28.85	38.81
Aircraft pilots and flight engineers	17.48	27.72	138.08	155.90	164.37
Airline pilots, copilots, and flight engineers	85.29	130.75	155.90	164.37	164.37
Bus drivers	9.60	11.87	14.37	16.27	20.87
Bus drivers, transit and intercity	8.70	9.67	15.70	15.70	22.12
Bus drivers, school	9.70	12.00	14.20	16.27	20.53
Driver/sales workers and truck drivers	10.00	12.25	15.88	20.56	24.94
Driver/sales workers	7.25	10.50	14.28	18.00	24.92
Truck drivers, heavy and tractor-trailer	11.50	13.24	16.29	20.57	22.85
Truck drivers, light or delivery services	9.50	10.00	15.00	20.30	29.25
Parking lot attendants	6.57	6.57	8.46	9.29	10.30
Crane and tower operators	19.39	23.75	24.89	25.25	27.00
Dredge, excavating, and loading machine operators	11.00	13.83	17.96	18.47	22.00
Excavating and loading machine and dragline operators	11.00	13.83	17.35	18.47	22.00
Industrial truck and tractor operators	10.45	12.50	14.46	17.40	21.50
Laborers and material movers, hand	8.00	9.00	10.77	13.11	16.04
Cleaners of vehicles and equipment	6.86	8.00	9.44	11.51	17.39
Laborers and freight, stock, and material movers, hand	8.01	9.25	11.06	14.00	17.47
Machine feeders and offbearers	8.00	8.91	11.00	13.38	14.15
Packers and packagers, hand	7.51	8.61	10.25	11.90	13.86
Refuse and recyclable material collectors	10.67	12.13	13.51	15.25	16.39

¹ Percentiles designate position in the earnings distribution and are calculated from individual worker earnings and the hours they are scheduled to work. For more information, see chapter 8 of the Handbook of Methods, at http://www.bls.gov/opub/hom/homch8_a.htm.

² The NCS uses the 2000 Standard Occupational Classification coding structure, which defines more than 800 unique occupations, to match jobs sampled by the

survey. Military occupations are excluded from the survey.

NOTE: Dashes indicate that data did not meet publication criteria. Broad occupational groups may include data for subordinate occupational groups not shown separately.

SOURCE: Bureau of Labor Statistics, National Compensation Survey.