

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	\$9.41	\$12.10	\$17.16	\$25.98	\$36.06
Management occupations	20.13	27.01	36.20	49.32	62.50
Chief executives	42.30	46.15	47.65	96.15	240.39
General and operations managers	19.97	25.00	35.44	53.85	70.31
Legislators	16.45	22.71	22.71	26.88	26.88
Marketing and sales managers	25.24	30.25	38.46	53.09	72.08
Marketing managers	28.37	33.40	44.23	55.93	79.33
Sales managers	24.04	26.44	35.36	53.09	65.01
Public relations managers	23.77	25.05	38.58	39.12	53.75
Administrative services managers	19.23	23.08	30.60	34.95	49.58
Computer and information systems managers	30.73	37.97	45.02	52.97	62.74
Financial managers	19.39	24.79	32.51	41.47	59.21
Human resources managers	20.45	24.74	29.71	41.40	60.17
Training and development managers	18.75	24.74	31.74	32.31	61.95
Industrial production managers	26.86	31.51	42.38	47.01	56.73
Purchasing managers	28.69	29.31	39.25	58.21	94.63
Transportation, storage, and distribution managers	17.50	20.13	35.55	40.87	47.84
Construction managers	22.13	27.12	30.63	37.98	39.97
Education administrators	20.97	31.25	40.71	50.51	60.07
Education administrators, preschool and child care center/program	17.54	17.63	23.30	30.94	30.94
Education administrators, elementary and secondary school ..	32.58	36.67	42.08	46.91	56.54
Education administrators, postsecondary	19.78	23.08	47.23	54.12	83.40
Engineering managers	36.00	36.77	51.23	53.93	59.16
Food service managers	21.64	25.25	30.51	30.51	41.41
Medical and health services managers	25.33	31.24	35.37	44.11	52.07
Property, real estate, and community association managers	15.66	16.59	21.64	44.52	44.52
Social and community service managers	19.11	19.81	19.81	27.65	32.15
Business and financial operations occupations	17.27	20.16	26.10	32.82	42.07
Buyers and purchasing agents	19.51	21.80	26.10	31.74	40.87
Wholesale and retail buyers, except farm products	22.90	26.00	29.18	39.72	51.92
Purchasing agents, except wholesale, retail, and farm products	19.51	20.67	25.09	31.11	39.53
Claims adjusters, appraisers, examiners, and investigators	15.84	18.51	20.68	32.01	37.81
Claims adjusters, examiners, and investigators	15.84	18.51	20.68	32.01	37.81
Compliance officers, except agriculture, construction, health and safety, and transportation	14.84	16.22	21.40	23.66	27.41
Cost estimators	16.00	20.00	20.48	35.00	45.46
Human resources, training, and labor relations specialists	18.27	21.20	27.56	33.75	42.88
Employment, recruitment, and placement specialists	11.38	17.94	23.75	36.06	38.27
Compensation, benefits, and job analysis specialists	16.10	19.07	25.75	35.10	42.31
Training and development specialists	19.87	21.20	26.29	29.04	32.41
Logisticians	19.25	21.95	29.88	34.07	36.06
Management analysts	21.30	25.63	32.14	45.46	50.20
Accountants and auditors	18.32	21.25	25.68	30.68	35.10

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
Business and financial operations occupations –Continued					
Appraisers and assessors of real estate	\$19.53	\$19.53	\$24.38	\$31.26	\$34.02
Budget analysts	23.99	25.07	28.23	31.77	44.87
Credit analysts	15.27	18.41	21.76	25.80	31.63
Financial analysts and advisors	17.85	21.65	28.84	34.75	45.59
Financial analysts	21.54	25.17	30.21	38.92	54.17
Personal financial advisors	11.41	12.17	17.85	21.65	30.35
Insurance underwriters	17.75	18.99	24.22	31.85	39.17
Loan counselors and officers	14.65	14.89	21.76	31.91	50.07
Loan officers	14.88	14.89	22.29	36.57	50.07
Computer and mathematical science occupations	19.47	24.20	31.47	38.63	45.29
Computer programmers	23.29	25.11	30.50	35.75	41.35
Computer software engineers	24.20	32.34	37.64	43.51	49.16
Computer software engineers, applications	24.20	29.50	37.26	43.72	51.43
Computer software engineers, systems software	25.26	34.77	38.89	43.00	49.13
Computer support specialists	15.00	18.01	19.71	27.35	33.72
Computer systems analysts	26.87	29.83	35.01	41.40	48.08
Database administrators	20.39	22.76	32.93	37.56	44.71
Network and computer systems administrators	22.19	26.46	30.30	35.10	41.58
Network systems and data communications analysts	20.43	22.05	24.07	27.31	30.41
Operations research analysts	23.24	24.52	32.22	32.22	37.34
Architecture and engineering occupations	19.10	23.19	30.12	37.43	44.33
Architects, except naval	23.76	24.30	26.92	30.66	45.12
Architects, except landscape and naval	23.76	24.30	26.92	30.66	45.12
Engineers	24.50	28.81	34.52	40.91	47.58
Chemical engineers	31.71	33.98	33.98	41.07	51.19
Civil engineers	23.50	25.24	30.59	33.89	38.43
Electrical and electronics engineers	19.81	28.03	33.45	43.02	50.88
Electrical engineers	19.81	20.77	30.05	39.30	47.05
Electronics engineers, except computer	28.75	30.35	34.01	43.02	51.54
Environmental engineers	29.33	29.33	29.33	33.23	40.60
Industrial engineers, including health and safety	20.78	28.57	33.78	38.46	41.98
Industrial engineers	20.78	28.57	33.78	38.46	41.98
Materials engineers	25.96	31.60	37.43	54.45	54.45
Mechanical engineers	25.00	28.05	32.19	38.26	43.59
Drafters	15.26	17.89	21.64	25.50	29.83
Architectural and civil drafters	15.80	17.13	18.75	23.76	23.76
Electrical and electronics drafters	17.62	21.28	23.33	23.49	24.18
Mechanical drafters	17.75	20.09	23.49	28.33	33.04
Engineering technicians, except drafters	18.23	19.32	21.91	27.63	32.68
Civil engineering technicians	20.50	21.25	22.59	27.04	27.54
Electrical and electronic engineering technicians	18.72	19.53	21.91	25.24	30.55
Electro-mechanical technicians	17.98	24.49	24.69	33.77	33.77
Industrial engineering technicians	16.58	22.98	25.31	27.40	28.14

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
Life, physical, and social science occupations	\$15.48	\$18.62	\$24.47	\$35.12	\$49.87
Life scientists	18.05	20.86	28.18	35.94	69.71
Biological scientists	23.98	27.36	32.24	38.91	40.11
Medical scientists	16.96	19.29	27.21	65.61	69.71
Physical scientists	21.65	24.46	35.34	46.34	54.40
Chemists and materials scientists	22.81	26.95	38.86	49.87	56.13
Chemists	21.65	24.84	38.86	44.54	56.13
Environmental scientists and geoscientists	18.45	22.30	24.49	35.34	37.73
Environmental scientists and specialists, including health ..	17.80	22.28	30.65	35.58	37.73
Market and survey researchers	16.63	16.83	24.22	30.34	32.28
Market research analysts	16.63	16.83	24.22	30.34	32.28
Psychologists	25.86	32.56	52.71	58.97	58.97
Clinical, counseling, and school psychologists	25.22	32.56	52.71	58.97	58.97
Urban and regional planners	22.07	25.55	30.53	36.72	36.72
Biological technicians	12.50	15.96	18.40	22.34	24.29
Chemical technicians	15.87	17.19	21.42	24.93	25.93
Miscellaneous life, physical, and social science technicians	15.06	15.94	18.49	23.00	26.78
Community and social services occupations	12.00	14.46	17.51	23.09	29.81
Counselors	13.00	15.62	17.65	27.58	38.06
Educational, vocational, and school counselors	14.42	16.00	19.23	32.46	48.73
Rehabilitation counselors	10.00	15.15	17.24	18.82	23.24
Social workers	13.81	15.81	17.97	23.60	29.81
Child, family, and school social workers	13.56	15.64	17.65	24.54	31.24
Medical and public health social workers	15.39	17.48	19.80	24.01	28.33
Mental health and substance abuse social workers	13.28	13.81	17.10	22.90	25.70
Miscellaneous community and social service specialists	10.00	12.53	15.90	22.71	29.38
Probation officers and correctional treatment specialists	16.63	20.57	23.07	25.93	28.00
Social and human service assistants	8.96	10.32	12.95	14.81	18.98
Legal occupations	18.64	25.00	36.06	62.93	85.92
Lawyers	21.86	31.19	50.77	71.57	85.92
Paralegals and legal assistants	13.52	23.00	40.11	45.42	47.71
Miscellaneous legal support workers	14.68	18.27	21.10	26.25	29.22
Title examiners, abstractors, and searchers	12.00	18.27	18.27	26.25	26.25
Education, training, and library occupations	11.00	21.35	32.69	44.01	54.90
Postsecondary teachers	24.04	32.05	40.67	55.16	76.41
Business teachers, postsecondary	25.75	25.75	25.75	46.13	67.08
Math and computer teachers, postsecondary	28.55	34.62	47.48	57.26	60.62
Computer science teachers, postsecondary	20.27	37.05	57.68	60.62	61.54
Mathematical science teachers, postsecondary	32.05	34.40	46.92	51.32	57.29
Engineering and architecture teachers, postsecondary	48.00	52.11	63.17	73.37	88.95
Engineering teachers, postsecondary	45.72	55.55	63.23	87.43	88.95
Life sciences teachers, postsecondary	16.10	18.84	40.46	57.17	127.05
Biological science teachers, postsecondary	16.00	18.53	40.46	51.00	127.05

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					
Social sciences teachers, postsecondary	\$30.29	\$32.28	\$35.08	\$46.75	\$60.89
Sociology teachers, postsecondary	33.64	39.47	39.47	48.72	52.69
Health teachers, postsecondary	22.19	24.04	37.50	55.59	88.14
Health specialties teachers, postsecondary	21.64	23.43	40.67	72.12	96.15
Nursing instructors and teachers, postsecondary	32.33	34.87	37.06	49.81	54.19
Education and library science teachers, postsecondary	32.18	33.65	39.20	40.53	42.31
Education teachers, postsecondary	32.18	33.65	39.20	40.53	42.31
Law, criminal justice, and social work teachers, postsecondary	21.14	50.90	84.37	84.37	99.05
Arts, communications, and humanities teachers, postsecondary	28.63	33.78	40.23	51.76	60.90
Art, drama, and music teachers, postsecondary	29.63	36.20	37.90	42.08	43.56
English language and literature teachers, postsecondary	28.63	33.18	36.91	47.79	59.29
History teachers, postsecondary	29.83	45.20	55.99	67.31	85.29
Philosophy and religion teachers, postsecondary	27.43	40.23	40.23	55.30	55.30
Miscellaneous postsecondary teachers	24.94	31.41	41.88	48.51	76.41
Vocational education teachers, postsecondary	16.83	26.32	44.25	76.41	76.41
Primary, secondary, and special education school teachers	22.68	29.06	37.40	46.63	54.61
Preschool and kindergarten teachers	8.50	9.50	12.76	25.57	43.26
Preschool teachers, except special education	8.42	8.75	10.84	12.76	20.05
Kindergarten teachers, except special education	26.29	29.84	34.33	45.79	55.12
Elementary and middle school teachers	24.71	29.96	38.25	47.30	54.61
Elementary school teachers, except special education	24.76	29.97	38.60	47.62	54.61
Middle school teachers, except special and vocational education	24.51	29.70	37.61	46.24	53.31
Secondary school teachers	24.75	30.70	38.95	48.13	55.58
Secondary school teachers, except special and vocational education	24.68	30.53	38.59	48.31	56.13
Vocational education teachers, secondary school	29.38	35.84	42.53	47.24	50.89
Special education teachers	23.59	28.82	35.36	44.05	54.27
Special education teachers, preschool, kindergarten, and elementary school	22.44	28.41	34.91	43.48	52.51
Special education teachers, middle school	22.67	28.36	32.78	42.97	51.85
Special education teachers, secondary school	24.63	32.03	38.73	46.53	55.95
Other teachers and instructors	20.67	25.05	32.20	40.85	49.30
Adult literacy, remedial education, and GED teachers and instructors	18.38	19.49	26.21	41.99	48.13
Librarians	17.77	21.35	27.18	40.64	65.93
Library technicians	12.17	12.81	14.00	14.51	18.00
Instructional coordinators	24.55	25.48	27.79	36.03	38.09
Teacher assistants	8.53	9.39	10.73	12.60	14.98
Arts, design, entertainment, sports, and media occupations					
Artists and related workers	13.08	15.89	20.09	27.91	36.09
Designers	14.00	16.15	25.96	32.83	32.83
Designers	14.00	16.63	19.26	29.30	36.94

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
Arts, design, entertainment, sports, and media occupations					
–Continued					
Commercial and industrial designers	\$19.06	\$32.56	\$36.94	\$45.60	\$49.86
Graphic designers	13.65	17.28	19.00	23.85	26.33
Actors, producers, and directors	22.59	23.79	31.56	45.67	45.91
Producers and directors	22.59	23.79	31.56	45.67	45.91
Athletes, coaches, umpires, and related workers	11.23	11.72	14.25	17.57	33.05
Coaches and scouts	11.23	11.72	14.25	17.57	33.05
News analysts, reporters and correspondents	11.59	13.13	17.96	28.21	38.15
Reporters and correspondents	11.59	13.09	17.96	27.08	35.86
Public relations specialists	19.23	20.09	21.15	27.28	35.73
Writers and editors	14.46	16.26	27.88	31.59	42.79
Editors	12.56	14.46	26.68	31.59	36.09
Technical writers	16.26	24.76	31.25	31.71	42.79
Broadcast and sound engineering technicians and radio operators	16.54	16.71	17.00	20.09	21.27
Healthcare practitioner and technical occupations					
Dietitians and nutritionists	15.11	19.51	25.50	32.32	47.32
Dietitians and nutritionists	19.31	19.72	23.59	24.97	25.92
Pharmacists	44.56	46.68	48.80	50.48	51.86
Physicians and surgeons	21.84	31.73	80.00	109.24	129.80
Family and general practitioners	22.17	53.68	115.38	142.50	162.80
Psychiatrists	31.09	31.09	70.37	75.96	94.24
Registered nurses	22.34	24.65	27.84	31.45	37.25
Therapists	20.11	23.95	27.27	35.00	43.92
Occupational therapists	26.65	27.18	28.27	32.55	48.67
Physical therapists	25.00	28.40	33.87	39.62	43.92
Recreational therapists	17.00	17.06	17.06	26.60	27.27
Respiratory therapists	19.65	21.90	23.09	24.36	25.96
Speech-language pathologists	24.03	24.03	29.31	40.00	49.54
Clinical laboratory technologists and technicians	11.88	15.22	18.39	22.78	26.41
Medical and clinical laboratory technologists	19.31	22.00	25.48	28.42	30.69
Medical and clinical laboratory technicians	11.24	14.17	17.35	20.03	24.28
Dental hygienists	28.00	30.00	30.00	33.41	35.07
Diagnostic related technologists and technicians	19.36	23.36	28.75	39.00	42.04
Cardiovascular technologists and technicians	15.42	20.48	39.59	44.99	72.34
Diagnostic medical sonographers	23.55	26.47	29.50	36.60	45.74
Radiologic technologists and technicians	19.47	22.36	26.20	33.75	39.00
Emergency medical technicians and paramedics	9.23	10.76	14.00	18.34	26.60
Health diagnosing and treating practitioner support technicians	12.07	13.94	15.00	17.96	20.91
Pharmacy technicians	11.77	13.52	14.42	15.00	15.92
Respiratory therapy technicians	17.79	20.03	24.49	28.43	32.20
Surgical technologists	13.52	15.39	17.83	20.27	22.35
Licensed practical and licensed vocational nurses	14.98	16.88	18.03	20.50	23.00
Medical records and health information technicians	11.60	14.77	16.00	17.81	22.09
Miscellaneous health technologists and technicians	13.47	14.01	17.10	19.23	21.67

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					
Occupational health and safety specialists and technicians	\$14.30	\$20.32	\$26.46	\$32.38	\$37.08
Occupational health and safety specialists	14.20	20.32	26.46	32.38	37.08
Healthcare support occupations					
Nursing, psychiatric, and home health aides	9.00	10.00	11.44	13.70	16.30
Home health aides	8.75	9.50	10.80	12.65	15.17
Nursing aides, orderlies, and attendants	8.60	9.27	10.24	11.57	12.02
Psychiatric aides	8.75	9.50	10.81	12.63	15.30
Physical therapist assistants and aides	9.19	10.00	13.65	14.58	16.66
Physical therapist aides	10.15	10.48	11.44	12.70	15.15
Miscellaneous healthcare support occupations	10.15	10.34	11.44	12.23	15.15
Dental assistants	10.00	11.50	13.19	16.00	18.13
Medical assistants	14.11	15.50	17.00	19.00	20.46
Medical equipment preparers	10.82	12.00	13.91	16.46	18.46
Medical transcriptionists	10.90	12.00	13.02	15.48	17.92
Pharmacy aides	9.53	9.53	12.50	17.00	18.11
Pharmacy aides	9.30	10.68	10.68	11.35	15.30
Protective service occupations					
First-line supervisors/managers, law enforcement workers	9.25	11.52	18.37	24.47	30.45
First-line supervisors/managers of correctional officers	19.41	25.49	29.80	35.12	42.08
First-line supervisors/managers of police and detectives	18.02	22.72	27.62	29.39	29.39
First-line supervisors/managers of fire fighting and prevention workers	21.48	27.94	31.89	37.50	43.44
Fire fighters	11.59	17.86	26.45	30.45	37.98
Bailiffs, correctional officers, and jailers	15.16	18.14	21.42	24.28	29.32
Correctional officers and jailers	12.71	14.79	19.17	22.87	24.47
Detectives and criminal investigators	12.71	14.63	19.09	22.55	24.26
Police officers	24.30	25.18	28.50	30.78	32.77
Police and sheriff's patrol officers	18.19	22.87	26.52	30.58	33.97
Security guards and gaming surveillance officers	18.19	22.87	26.52	30.58	33.97
Security guards	8.50	9.00	10.33	12.06	15.86
Miscellaneous protective service workers	8.50	9.00	10.33	12.07	15.86
Miscellaneous protective service workers	8.00	12.65	15.69	18.46	23.46
Food preparation and serving related occupations					
First-line supervisors/managers, food preparation and serving workers	4.57	7.50	9.44	12.00	15.00
Chefs and head cooks	10.51	11.83	15.00	18.51	21.63
First-line supervisors/managers of food preparation and serving workers	10.00	10.51	15.00	20.71	20.71
Cooks	10.77	12.50	14.90	18.43	21.64
Cooks, institution and cafeteria	7.73	8.50	10.00	12.04	14.50
Cooks, restaurant	7.87	9.75	11.72	13.23	17.60
Cooks, short order	8.00	8.75	10.00	12.00	14.25
Food preparation workers	7.50	8.50	9.00	9.75	11.00
Food service, tipped	7.25	8.08	9.73	10.41	12.00
Food service, tipped	2.33	3.25	4.50	7.50	8.87

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 –Continued					
Bartenders	\$4.25	\$6.29	\$8.08	\$8.50	\$9.62
Waiters and waitresses	2.27	2.58	3.43	4.50	6.35
Dining room and cafeteria attendants and bartender helpers ..	5.74	7.00	8.00	8.87	10.94
Fast food and counter workers	6.85	8.00	9.00	10.65	12.50
Combined food preparation and serving workers, including fast food	6.75	7.50	8.50	10.33	11.60
Counter attendants, cafeteria, food concession, and coffee shop	8.75	9.68	10.65	13.73	14.24
Food servers, nonrestaurant	7.10	8.60	10.25	13.01	13.97
Dishwashers	6.75	7.00	7.89	9.50	12.00
Hosts and hostesses, restaurant, lounge, and coffee shop	4.25	5.42	8.00	11.23	11.80
Building and grounds cleaning and maintenance occupations	7.69	9.00	11.46	14.25	18.31
First-line supervisors/managers, building and grounds cleaning and maintenance workers	10.25	13.11	17.31	19.29	22.60
First-line supervisors/managers of housekeeping and janitorial workers	10.25	13.11	17.31	18.50	21.83
First-line supervisors/managers of landscaping, lawn service, and groundskeeping workers	10.00	13.00	17.09	19.33	26.11
Building cleaning workers	7.50	8.77	11.00	13.64	17.09
Janitors and cleaners, except maids and housekeeping cleaners	8.25	9.81	11.84	14.45	17.94
Maids and housekeeping cleaners	7.00	7.50	8.78	10.95	13.20
Grounds maintenance workers	8.00	9.42	11.54	15.00	18.57
Landscaping and groundskeeping workers	8.00	9.00	10.92	13.54	16.25
Personal care and service occupations	6.85	8.50	10.51	14.98	20.75
First-line supervisors/managers of personal service workers	9.70	12.81	15.02	16.15	21.76
Gaming services workers	5.50	6.04	6.45	9.58	11.84
Barbers and cosmetologists	6.00	10.15	14.98	16.62	23.53
Hairdressers, hairstylists, and cosmetologists	6.00	10.15	14.98	16.62	23.53
Baggage porters, bellhops, and concierges	6.58	6.85	7.50	8.35	10.25
Baggage porters and bellhops	6.58	6.85	7.50	8.35	10.25
Transportation attendants	15.09	27.76	30.73	41.77	41.77
Flight attendants	25.93	30.13	30.73	41.77	41.77
Child care workers	7.00	7.91	9.25	10.00	11.69
Personal and home care aides	8.01	9.09	11.09	11.43	15.10
Recreation and fitness workers	6.00	11.60	16.83	22.63	22.63
Recreation workers	6.00	9.91	16.83	20.42	22.63
Sales and related occupations	8.46	10.75	15.78	24.27	38.33
First-line supervisors/managers, sales workers	10.79	14.40	17.25	22.55	32.97
First-line supervisors/managers of retail sales workers	10.34	12.86	15.96	18.18	21.06
First-line supervisors/managers of non-retail sales workers ...	16.73	22.19	27.19	49.38	54.22
Retail sales workers	7.75	8.89	11.10	14.40	19.90

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
Sales and related occupations –Continued					
Cashiers, all workers	\$7.28	\$8.17	\$9.25	\$11.50	\$14.00
Cashiers	7.28	8.17	9.25	11.50	14.00
Counter and rental clerks and parts salespersons	9.25	10.93	14.22	20.62	25.54
Counter and rental clerks	7.75	9.00	12.98	16.26	22.00
Parts salespersons	10.25	11.79	14.37	21.76	27.21
Retail salespersons	8.00	9.33	11.97	15.91	21.64
Advertising sales agents	16.54	19.23	25.84	26.06	29.47
Insurance sales agents	10.43	12.62	19.22	28.82	43.65
Securities, commodities, and financial services sales agents	13.70	16.95	39.64	58.48	322.41
Travel agents	13.00	17.26	22.14	24.81	24.81
Sales representatives, wholesale and manufacturing	15.91	19.59	25.46	36.00	64.79
Sales representatives, wholesale and manufacturing, technical and scientific products	19.59	24.95	35.39	71.32	131.48
Sales representatives, wholesale and manufacturing, except technical and scientific products	15.14	19.21	23.75	30.00	42.20
Real estate brokers and sales agents	11.00	11.46	14.80	24.27	35.58
Real estate sales agents	11.00	11.46	14.80	24.27	35.58
Telemarketers	8.00	8.00	8.50	20.33	26.46
Miscellaneous sales and related workers	10.38	11.90	15.38	23.41	40.62
Office and administrative support occupations	10.00	11.94	14.52	18.11	22.17
First-line supervisors/managers of office and administrative support workers	14.90	17.53	20.05	23.85	28.14
Switchboard operators, including answering service	8.50	10.95	11.50	14.54	17.83
Financial clerks	9.78	11.50	14.26	17.00	20.63
Bill and account collectors	9.85	11.97	14.52	18.27	23.26
Billing and posting clerks and machine operators	11.00	13.44	14.54	16.98	18.44
Bookkeeping, accounting, and auditing clerks	10.87	12.67	14.88	17.93	20.80
Payroll and timekeeping clerks	13.90	15.22	17.00	20.91	22.99
Procurement clerks	13.18	14.15	15.60	17.44	19.08
Tellers	9.00	9.63	10.68	12.24	13.91
Court, municipal, and license clerks	11.67	14.73	17.58	19.95	21.79
Credit authorizers, checkers, and clerks	10.40	11.81	13.70	15.00	17.66
Customer service representatives	10.45	12.47	15.00	18.14	24.88
Eligibility interviewers, government programs	13.04	13.90	16.38	16.48	21.16
File clerks	9.00	10.04	12.16	15.00	15.36
Hotel, motel, and resort desk clerks	8.00	8.00	9.00	10.25	12.88
Interviewers, except eligibility and loan	10.61	10.94	12.72	15.00	17.85
Library assistants, clerical	11.50	12.56	13.60	15.87	19.10
Loan interviewers and clerks	11.26	12.80	14.62	18.29	21.73
New accounts clerks	10.05	12.62	14.31	16.00	17.43
Order clerks	10.00	11.69	14.43	18.28	22.85
Human resources assistants, except payroll and timekeeping	13.00	14.25	17.81	18.87	26.74
Receptionists and information clerks	9.40	10.82	12.28	13.67	16.87
Reservation and transportation ticket agents and travel clerks	9.47	12.00	19.23	20.00	20.83

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					
Dispatchers	\$11.98	\$16.03	\$19.84	\$23.17	\$24.50
Police, fire, and ambulance dispatchers	12.73	15.93	17.80	20.46	22.91
Dispatchers, except police, fire, and ambulance	10.50	16.25	21.44	23.63	24.50
Meter readers, utilities	14.90	15.36	17.10	19.96	23.43
Production, planning, and expediting clerks	13.24	15.38	19.84	23.40	26.15
Shipping, receiving, and traffic clerks	9.50	10.83	13.10	15.55	20.56
Stock clerks and order fillers	9.12	10.00	12.50	14.87	16.85
Weighers, measurers, checkers, and samplers, recordkeeping	10.75	10.75	13.90	15.19	16.00
Secretaries and administrative assistants	12.05	14.42	17.50	21.18	24.34
Executive secretaries and administrative assistants	14.50	16.90	19.50	22.49	26.12
Legal secretaries	14.56	16.54	18.66	25.08	34.16
Medical secretaries	10.97	12.79	15.45	21.15	21.18
Secretaries, except legal, medical, and executive	10.72	13.00	15.49	17.92	20.39
Computer operators	9.80	13.65	17.90	20.70	23.24
Data entry and information processing workers	10.00	11.03	12.84	15.34	18.66
Data entry keyers	9.50	10.55	12.56	15.02	17.69
Word processors and typists	11.55	12.84	14.36	16.82	20.56
Insurance claims and policy processing clerks	12.00	12.90	15.69	18.72	21.92
Mail clerks and mail machine operators, except postal service ..	10.30	10.98	11.50	17.17	25.58
Office clerks, general	9.29	11.25	13.00	15.64	19.64
Office machine operators, except computer	10.82	11.26	12.39	13.14	15.97
Statistical assistants	10.87	12.19	17.14	17.27	19.92
Farming, fishing, and forestry occupations	9.25	11.00	13.50	16.10	22.60
Miscellaneous agricultural workers	9.00	9.50	10.25	13.50	15.10
Farmworkers and laborers, crop, nursery, and greenhouse	8.15	9.25	10.00	12.00	15.10
Construction and extraction occupations	12.00	15.75	21.05	29.14	35.01
First-line supervisors/managers of construction trades and extraction workers	17.41	23.25	29.66	35.92	43.45
Brickmasons, blockmasons, and stonemasons	21.58	21.58	24.00	32.17	34.85
Brickmasons and blockmasons	21.58	21.58	24.00	32.17	34.85
Carpenters	11.00	14.61	19.00	31.23	37.77
Carpet, floor, and tile installers and finishers	20.00	20.00	24.94	37.77	37.77
Cement masons, concrete finishers, and terrazzo workers	15.00	18.35	20.66	23.00	31.56
Cement masons and concrete finishers	15.00	18.35	20.66	23.00	31.56
Construction laborers	9.00	14.00	21.99	28.69	29.98
Construction equipment operators	9.50	15.75	22.75	28.97	36.90
Paving, surfacing, and tamping equipment operators	11.47	11.47	11.47	25.41	26.30
Operating engineers and other construction equipment operators	9.50	15.91	26.29	29.11	37.65
Electricians	14.00	19.52	24.52	32.54	36.30
Painters and paperhangers	8.08	11.15	12.89	16.87	23.30
Painters, construction and maintenance	8.08	11.15	12.89	16.87	23.30
Pipelayers, plumbers, pipefitters, and steamfitters	13.56	17.01	21.03	29.70	34.10

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
Construction and extraction occupations –Continued					
Plumbers, pipefitters, and steamfitters	\$14.04	\$18.75	\$21.50	\$31.53	\$34.10
Roofers	15.04	16.40	16.46	26.85	29.69
Sheet metal workers	13.31	17.00	25.00	29.00	32.95
Helpers, construction trades	10.85	12.78	16.00	22.19	31.55
Helpers--brickmasons, blockmasons, stonemasons, and tile and marble setters	12.78	16.00	22.19	22.98	31.55
Construction and building inspectors	13.25	15.68	17.35	27.61	29.54
Highway maintenance workers	12.50	15.75	17.78	20.09	22.42
Miscellaneous construction and related workers	10.00	12.50	15.75	18.00	27.30
Installation, maintenance, and repair occupations					
First-line supervisors/managers of mechanics, installers, and repairers	11.00	14.55	19.23	25.60	30.97
Computer, automated teller, and office machine repairers	18.82	21.15	29.82	34.17	39.16
Computer, automated teller, and office machine repairers	11.50	11.50	14.19	17.82	24.03
Radio and telecommunications equipment installers and repairers	19.52	19.52	29.45	29.63	30.59
Telecommunications equipment installers and repairers, except line installers	19.52	19.52	29.45	29.63	30.59
Miscellaneous electrical and electronic equipment mechanics, installers, and repairers	9.50	13.87	20.22	25.00	26.57
Electrical and electronics repairers, powerhouse, substation, and relay	20.03	20.03	20.03	29.32	31.42
Aircraft mechanics and service technicians	17.50	18.50	20.00	26.87	27.15
Automotive technicians and repairers	9.11	11.01	16.00	20.75	26.25
Automotive body and related repairers	9.00	16.00	16.85	19.05	22.48
Automotive service technicians and mechanics	9.11	10.50	14.50	21.25	26.25
Bus and truck mechanics and diesel engine specialists	14.40	17.00	21.47	24.90	28.57
Heavy vehicle and mobile equipment service technicians and mechanics	13.93	17.50	21.49	31.96	32.57
Mobile heavy equipment mechanics, except engines	13.93	17.50	21.20	31.96	32.57
Small engine mechanics	7.00	14.72	16.87	17.71	18.01
Outdoor power equipment and other small engine mechanics installers, and repairers	7.00	14.55	16.87	18.01	18.01
Miscellaneous vehicle and mobile equipment mechanic, installers, and repairers	8.50	9.80	9.80	11.00	16.91
Tire repairers and changers	8.20	9.00	10.00	12.00	16.91
Control and valve installers and repairers	10.50	13.00	20.98	21.15	27.79
Heating, air conditioning, and refrigeration mechanics and installers	12.00	14.42	17.00	19.77	27.50
Industrial machinery installation, repair, and maintenance workers	12.24	16.00	20.28	25.60	32.00
Industrial machinery mechanics	16.80	19.50	23.72	27.47	33.20
Maintenance and repair workers, general	11.00	13.33	16.68	21.66	26.49
Maintenance workers, machinery	12.98	14.91	18.95	20.28	24.50
Millwrights	11.68	17.95	25.68	31.96	32.33
Line installers and repairers	12.00	21.44	29.28	29.63	30.84

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 power-line installers and repairers	\$23.62	\$27.48	\$29.28	\$30.84	\$33.06
Telecommunications line installers and repairers	12.00	16.00	29.45	29.63	29.63
Precision instrument and equipment repairers	12.29	18.54	24.42	26.28	33.83
Medical equipment repairers	15.10	24.42	24.86	26.28	33.83
Miscellaneous installation, maintenance, and repair workers	9.44	11.50	14.27	20.50	25.24
Helpers--installation, maintenance, and repair workers	8.97	9.44	11.50	14.27	15.28
Production occupations					
First-line supervisors/managers of production and operating workers	9.00	11.35	15.20	20.50	28.29
Electrical, electronics, and electromechanical assemblers	8.76	9.59	10.81	14.15	19.94
Electrical and electronic equipment assemblers	8.75	10.00	11.78	16.00	23.00
Electromechanical equipment assemblers	9.59	9.59	11.04	14.51	19.65
Engine and other machine assemblers	14.10	16.35	20.00	21.76	28.45
Structural metal fabricators and fitters	9.32	14.90	18.00	21.42	28.10
Miscellaneous assemblers and fabricators	7.43	10.75	15.45	24.43	28.64
Team assemblers	11.12	12.90	16.95	28.64	28.64
Bakers	9.85	11.53	14.22	16.05	18.13
Butchers and other meat, poultry, and fish processing workers ..	8.00	9.35	11.65	15.25	17.31
Butchers and meat cutters	8.00	8.00	13.30	16.82	17.31
Meat, poultry, and fish cutters and trimmers	10.70	10.70	10.85	11.46	14.42
Slaughterers and meat packers	9.64	9.70	11.14	12.48	12.48
Miscellaneous food processing workers	8.59	8.82	14.40	17.35	20.72
Food batchmakers	8.82	12.20	15.74	18.72	20.70
Computer control programmers and operators	12.41	14.56	17.39	20.57	25.52
Computer-controlled machine tool operators, metal and plastic	12.41	13.50	17.05	19.26	22.44
Numerical tool and process control programmers	18.54	20.72	21.95	32.55	32.55
Forming machine setters, operators, and tenders, metal and plastic	10.80	11.81	14.96	18.04	19.96
Extruding and drawing machine setters, operators, and tenders, metal and plastic	8.75	10.80	14.00	16.25	18.04
Forging machine setters, operators, and tenders, metal and plastic	11.24	11.81	12.74	17.10	20.73
Rolling machine setters, operators, and tenders, metal and plastic	11.30	14.88	16.57	18.92	20.17
Machine tool cutting setters, operators, and tenders, metal and plastic	9.00	10.50	13.30	18.33	21.27
Cutting, punching, and press machine setters, operators, and tenders, metal and plastic	9.00	10.00	12.94	18.14	20.27
Drilling and boring machine tool setters, operators, and tenders, metal and plastic	7.50	9.00	10.35	13.25	20.17
Grinding, lapping, polishing, and buffing machine tool setters, operators, and tenders, metal and plastic	10.24	11.15	14.30	16.75	18.89

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					
Lathe and turning machine tool setters, operators, and tenders, metal and plastic	\$13.05	\$15.25	\$17.69	\$20.64	\$28.02
Milling and planing machine setters, operators, and tenders, metal and plastic	12.25	18.05	18.90	20.79	22.55
Machinists	14.60	16.55	18.77	22.24	25.62
Metal furnace and kiln operators and tenders	10.00	14.58	18.22	20.50	23.95
Metal-refining furnace operators and tenders	11.57	16.42	18.30	20.50	23.95
Model makers and patternmakers, metal and plastic	13.53	14.65	18.05	27.29	34.37
Model makers, metal and plastic	14.65	14.65	22.25	28.40	36.58
Molders and molding machine setters, operators, and tenders, metal and plastic	7.55	11.00	12.25	15.94	20.90
Foundry mold and coremakers	12.68	13.50	14.46	16.26	17.94
Molding, coremaking, and casting machine setters, operators, and tenders, metal and plastic	7.55	10.80	12.25	15.94	20.90
Multiple machine tool setters, operators, and tenders, metal and plastic	9.74	13.24	16.67	20.13	28.38
Tool and die makers	17.88	20.65	24.89	31.75	32.93
Welding, soldering, and brazing workers	11.00	12.86	15.50	19.10	24.02
Welders, cutters, solderers, and brazers	11.37	12.93	15.50	18.25	22.21
Welding, soldering, and brazing machine setters, operators, and tenders	10.00	11.90	16.00	24.90	28.43
Miscellaneous metalworkers and plastic workers	9.65	12.76	15.86	18.68	24.42
Heat treating equipment setters, operators, and tenders, metal and plastic	11.78	13.85	18.42	22.02	28.29
Plating and coating machine setters, operators, and tenders, metal and plastic	9.00	12.50	13.96	16.91	18.51
Tool grinders, filers, and sharpeners	6.85	16.12	18.59	20.69	32.28
Bookbinders and bindery workers	8.75	9.75	12.05	16.58	20.28
Bindery workers	8.75	9.75	12.05	16.58	20.28
Printers	11.50	13.95	17.39	20.40	22.64
Job printers	14.08	17.39	17.39	20.40	21.42
Prepress technicians and workers	12.80	13.60	16.00	18.15	19.28
Printing machine operators	10.70	13.40	17.50	21.95	23.63
Laundry and dry-cleaning workers	7.50	7.99	9.89	11.17	13.00
Pressers, textile, garment, and related materials	9.00	9.00	10.75	11.25	12.83
Sewing machine operators	8.00	9.85	11.07	14.00	19.52
Miscellaneous textile, apparel, and furnishings workers	8.50	10.00	16.45	19.09	21.35
Cabinetmakers and bench carpenters	10.50	11.75	15.95	17.45	23.48
Woodworking machine setters, operators, and tenders	8.00	9.00	11.50	13.74	16.32
Sawing machine setters, operators, and tenders, wood	7.50	8.50	10.00	12.50	17.00
Woodworking machine setters, operators, and tenders, except sawing	8.76	10.87	12.09	13.88	16.00
Power plant operators, distributors, and dispatchers	19.00	20.59	26.41	33.09	39.30
Power plant operators	18.75	20.00	22.84	27.92	32.47
Stationary engineers and boiler operators	18.62	20.44	20.80	32.30	32.41

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					
Water and liquid waste treatment plant and system operators	\$16.15	\$17.40	\$18.17	\$21.55	\$24.82
Miscellaneous plant and system operators	16.65	17.05	23.60	28.24	29.87
Chemical plant and system operators	16.65	17.05	22.56	28.82	30.07
Chemical processing machine setters, operators, and tenders	11.97	15.18	19.74	26.01	26.01
Chemical equipment operators and tenders	11.48	12.44	19.74	22.43	25.79
Separating, filtering, clarifying, precipitating, and still machine setters, operators, and tenders	11.97	16.32	19.83	26.01	26.01
Crushing, grinding, polishing, mixing, and blending workers	12.00	12.60	15.00	18.04	23.00
Grinding and polishing workers, hand	10.75	12.04	13.41	15.25	20.70
Mixing and blending machine setters, operators, and tenders	12.30	14.65	16.30	21.05	23.20
Cutting workers	8.13	10.28	13.09	15.85	19.47
Cutters and trimmers, hand	8.13	8.13	10.23	11.05	13.34
Cutting and slicing machine setters, operators, and tenders	10.28	12.93	15.00	18.19	20.49
Extruding, forming, pressing, and compacting machine setters, operators, and tenders	11.29	12.00	14.05	15.61	21.40
Furnace, kiln, oven, drier, and kettle operators and tenders	11.31	11.31	12.25	26.37	26.37
Inspectors, testers, sorters, samplers, and weighers	9.70	11.45	14.85	20.84	25.75
Medical, dental, and ophthalmic laboratory technicians	10.75	10.99	14.14	15.02	18.41
Packaging and filling machine operators and tenders	10.50	12.05	15.44	16.63	17.76
Painting workers	9.50	11.25	13.62	16.00	18.56
Coating, painting, and spraying machine setters, operators, and tenders	9.50	11.05	13.00	14.25	17.23
Painters, transportation equipment	10.50	11.75	17.44	25.55	28.38
Miscellaneous production workers	8.25	10.25	13.75	18.71	26.01
Cementing and gluing machine operators and tenders	6.50	10.29	13.50	16.07	17.51
Molders, shapers, and casters, except metal and plastic	11.79	11.87	13.29	18.99	20.74
Paper goods machine setters, operators, and tenders	8.41	9.17	15.91	20.63	30.85
Helpers--production workers	7.50	10.35	12.95	16.00	21.66
Transportation and material moving occupations	8.50	10.75	14.27	18.77	25.66
First-line supervisors/managers of helpers, laborers, and material movers, hand	15.00	17.47	21.57	24.49	27.47
First-line supervisors/managers of transportation and material-moving machine and vehicle operators	13.94	16.83	23.76	28.38	31.42
Aircraft pilots and flight engineers	50.97	53.49	107.39	154.34	156.93
Airline pilots, copilots, and flight engineers	69.32	95.40	136.94	155.93	163.30
Bus drivers	10.28	11.68	15.53	19.28	25.33
Bus drivers, transit and intercity	13.84	13.84	22.18	25.33	25.33
Bus drivers, school	10.28	10.78	14.32	17.49	19.39
Driver/sales workers and truck drivers	10.60	14.00	16.31	21.47	27.00
Driver/sales workers	7.00	10.86	13.08	18.97	20.00
Truck drivers, heavy and tractor-trailer	13.00	14.80	16.80	21.76	26.55
Truck drivers, light or delivery services	7.50	9.62	14.70	21.82	28.08
Taxi drivers and chauffeurs	6.85	8.50	9.45	9.47	11.63
Locomotive engineers and operators	21.65	21.65	22.60	22.60	28.00

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
Transportation and material moving occupations –Continued					
Service station attendants	\$7.00	\$7.00	\$8.75	\$9.50	\$15.00
Conveyor operators and tenders	8.75	8.75	9.25	26.92	27.49
Crane and tower operators	13.16	14.75	16.17	18.46	21.41
Dredge, excavating, and loading machine operators	11.00	13.15	14.00	15.32	17.81
Excavating and loading machine and dragline operators	11.00	13.15	14.00	15.29	17.75
Industrial truck and tractor operators	10.35	11.92	14.15	17.58	23.39
Laborers and material movers, hand	7.50	8.81	10.89	14.04	18.97
Cleaners of vehicles and equipment	7.50	8.00	9.16	11.50	27.85
Laborers and freight, stock, and material movers, hand	8.00	9.70	12.32	16.15	20.19
Machine feeders and offbearers	7.35	9.00	9.84	12.09	14.61
Packers and packagers, hand	6.50	8.00	10.20	12.51	15.26
Refuse and recyclable material collectors	6.50	13.72	15.00	21.80	28.00

¹ Percentiles designate position in the earnings distribution and are calculated from individual worker earnings and the hours they are scheduled to work. See appendix A for more information.

² A classification system including about 800 individual occupations is used to cover all workers in the civilian economy. See appendix B for more information.

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

SOURCE: Bureau of Labor Statistics, National Compensation Survey.