

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	\$9.73	\$13.00	\$18.83	\$28.85	\$42.79
Management occupations	22.51	28.85	40.09	54.95	72.11
General and operations managers	21.53	30.83	43.61	57.21	74.81
Advertising and promotions managers	22.83	24.26	31.09	31.58	43.08
Marketing and sales managers	27.40	36.06	49.83	65.72	72.56
Marketing managers	27.40	39.30	52.20	54.95	72.12
Sales managers	21.37	31.15	41.73	65.72	72.56
Public relations managers	42.67	49.45	67.67	82.65	86.26
Administrative services managers	17.00	24.10	29.51	34.05	34.09
Computer and information systems managers	40.09	47.86	58.79	72.99	88.41
Financial managers	25.47	33.01	42.48	56.25	86.15
Human resources managers	21.05	24.99	32.17	44.14	64.78
Compensation and benefits managers	21.05	22.85	37.97	44.14	64.78
Industrial production managers	26.27	30.80	41.80	56.33	66.64
Purchasing managers	21.96	27.18	42.86	61.99	96.15
Transportation, storage, and distribution managers	28.03	31.26	46.50	48.86	48.86
Education administrators	24.76	28.30	29.57	47.94	59.55
Education administrators, elementary and secondary school ..	27.85	38.99	47.64	53.82	67.42
Education administrators, postsecondary	23.78	25.43	35.03	55.73	62.36
Engineering managers	29.95	35.07	42.50	61.68	68.79
Food service managers	15.71	15.85	38.46	39.20	59.23
Medical and health services managers	26.11	26.11	35.01	50.70	65.93
Property, real estate, and community association managers	25.00	25.00	25.00	30.14	31.73
Social and community service managers	16.68	18.75	24.04	38.65	45.67
Business and financial operations occupations	18.27	21.87	27.64	34.25	43.12
Buyers and purchasing agents	18.04	21.18	26.33	30.53	36.01
Wholesale and retail buyers, except farm products	18.75	21.15	26.44	35.17	36.01
Purchasing agents, except wholesale, retail, and farm products	18.04	21.18	25.18	30.26	31.87
Claims adjusters, appraisers, examiners, and investigators	18.21	20.94	25.61	30.83	38.70
Claims adjusters, examiners, and investigators	18.21	20.77	25.61	31.25	39.49
Compliance officers, except agriculture, construction, health and safety, and transportation	18.22	22.94	27.14	31.45	33.81
Cost estimators	24.37	33.72	33.72	33.72	40.00
Human resources, training, and labor relations specialists	17.98	19.91	24.18	31.80	37.95
Employment, recruitment, and placement specialists	17.98	18.13	23.56	36.33	39.47
Compensation, benefits, and job analysis specialists	19.31	19.91	27.79	33.82	37.95
Training and development specialists	17.91	25.07	31.09	31.80	35.67
Logisticians	21.73	22.33	30.81	34.51	34.51
Management analysts	18.83	22.18	28.69	40.19	44.88
Accountants and auditors	19.53	23.08	30.67	35.10	43.23
Credit analysts	16.83	21.16	23.64	28.97	35.17
Financial analysts and advisors	22.12	27.82	34.61	43.90	72.12
Financial analysts	25.96	33.28	35.00	50.48	72.12
Personal financial advisors	16.84	21.56	27.82	43.89	118.55

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					
Insurance underwriters	\$21.12	\$24.67	\$30.63	\$38.08	\$54.81
Financial examiners	17.69	27.64	32.11	32.11	32.11
Loan counselors and officers	17.95	20.00	23.75	32.50	71.43
Loan officers	17.95	20.00	23.75	32.50	74.73
Tax examiners, collectors, preparers, and revenue agents	18.90	21.75	25.11	28.28	34.10
Tax examiners, collectors, and revenue agents	18.90	21.75	25.11	28.28	34.10
Computer and mathematical science occupations					
Computer programmers	22.23	27.88	35.92	43.63	53.85
Computer software engineers	24.78	28.03	34.19	41.60	50.99
Computer software engineers, applications	31.66	35.39	42.05	51.78	60.60
Computer software engineers, systems software	33.43	37.80	41.92	53.23	60.60
Computer support specialists	29.68	33.80	42.42	51.35	59.52
Computer systems analysts	17.30	21.01	24.50	39.36	49.29
Database administrators	25.86	29.46	36.21	43.25	52.66
Network and computer systems administrators	27.52	27.52	28.22	36.83	39.90
Network systems and data communications analysts	21.74	26.44	31.97	40.38	44.73
Operations research analysts	27.26	33.90	46.92	70.90	81.53
Operations research analysts	25.30	25.30	25.30	38.22	50.92
Architecture and engineering occupations					
Architects, except naval	20.00	26.88	31.58	40.81	49.62
Architects, except landscape and naval	19.23	28.49	33.40	43.32	66.69
Architects, except landscape and naval	19.23	28.49	33.40	43.32	66.69
Engineers	25.95	30.11	36.42	44.33	53.25
Civil engineers	20.40	24.37	29.86	34.80	42.07
Electrical and electronics engineers	29.69	32.44	38.08	42.87	51.01
Electrical engineers	29.36	33.50	38.94	43.44	52.88
Electronics engineers, except computer	29.87	30.46	34.62	40.19	43.54
Industrial engineers, including health and safety	25.80	27.13	32.76	38.53	45.76
Industrial engineers	25.80	27.13	32.76	38.53	45.76
Materials engineers	16.71	27.80	27.80	38.03	50.09
Mechanical engineers	28.91	28.94	34.25	38.46	47.99
Drafters	13.00	20.00	28.57	28.57	39.56
Architectural and civil drafters	19.00	28.57	28.57	28.57	34.76
Electrical and electronics drafters	17.82	18.50	22.34	28.72	29.15
Engineering technicians, except drafters	16.81	23.58	28.31	31.55	34.29
Electrical and electronic engineering technicians	24.04	26.21	28.56	31.48	33.94
Mechanical engineering technicians	25.81	27.18	28.31	28.31	33.72
Life, physical, and social science occupations					
Life scientists	16.90	22.45	27.88	39.31	47.23
Life scientists	22.22	27.72	40.12	45.35	50.48
Biological scientists	19.81	25.58	38.70	42.86	51.54
Medical scientists	23.29	39.02	42.10	46.35	50.48
Physical scientists	20.82	26.07	28.06	34.99	44.78
Chemists and materials scientists	20.82	26.07	27.14	29.16	34.25
Chemists	20.82	26.07	26.36	28.09	31.44

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 –Continued					
Environmental scientists and geoscientists	\$21.66	\$29.73	\$31.50	\$39.04	\$47.62
Environmental scientists and specialists, including health ..	21.66	27.69	31.50	39.09	49.32
Market and survey researchers	22.06	22.50	22.50	29.18	39.79
Market research analysts	22.06	22.50	22.50	29.18	39.79
Psychologists	24.04	28.94	34.49	48.84	68.24
Clinical, counseling, and school psychologists	23.34	28.46	34.49	48.84	70.16
Chemical technicians	15.50	18.19	26.99	32.90	46.59
Miscellaneous life, physical, and social science technicians	13.75	15.39	18.62	23.72	33.55
Community and social services occupations					
Counselors	12.88	15.61	20.43	27.77	39.04
Substance abuse and behavioral disorder counselors	13.22	16.93	20.18	29.59	50.08
Educational, vocational, and school counselors	13.22	13.22	17.59	20.77	20.77
Mental health counselors	15.17	19.78	34.03	46.65	61.05
Rehabilitation counselors	10.00	17.22	20.69	25.00	28.72
Social workers	13.40	14.19	17.16	18.43	28.02
Child, family, and school social workers	14.42	17.88	21.58	28.70	35.32
Medical and public health social workers	16.63	20.11	20.52	28.28	61.76
Mental health and substance abuse social workers	18.07	24.10	28.77	31.10	34.32
Miscellaneous community and social service specialists	14.08	14.42	18.34	22.79	29.31
Probation officers and correctional treatment specialists	11.22	12.88	16.49	23.44	34.00
Social and human service assistants	12.80	22.10	28.80	36.71	45.39
Legal occupations	10.60	12.45	13.27	15.87	18.88
Lawyers	16.07	21.61	34.38	56.09	86.41
Judges, magistrates, and other judicial workers	27.50	34.62	48.08	70.82	103.35
Paralegals and legal assistants	38.17	41.66	41.66	83.32	84.05
Miscellaneous legal support workers	14.42	15.00	21.28	26.36	30.11
Law clerks	15.64	16.38	18.71	21.53	47.20
Education, training, and library occupations	18.65	20.90	21.53	21.53	49.75
Postsecondary teachers	12.93	23.26	35.64	49.92	62.67
Business teachers, postsecondary	22.54	32.69	45.25	68.03	87.10
Math and computer teachers, postsecondary	41.03	56.11	68.97	87.10	100.08
Computer science teachers, postsecondary	23.09	32.89	41.60	57.98	84.74
Mathematical science teachers, postsecondary	23.09	32.44	34.92	63.65	99.77
Life sciences teachers, postsecondary	30.08	35.34	50.88	56.31	72.20
Biological science teachers, postsecondary	20.33	26.29	41.79	43.55	50.97
Physical sciences teachers, postsecondary	20.33	25.20	41.79	43.55	46.96
Chemistry teachers, postsecondary	36.34	43.85	55.46	64.93	78.91
Social sciences teachers, postsecondary	38.32	50.22	57.53	61.18	78.91
Psychology teachers, postsecondary	32.45	40.64	56.39	79.75	90.97
Sociology teachers, postsecondary	40.64	40.64	55.75	63.76	66.41
Health teachers, postsecondary	38.68	41.36	53.63	91.80	103.26
Health specialties teachers, postsecondary	31.24	40.40	62.50	84.40	130.04
Health specialties teachers, postsecondary	29.43	47.20	68.30	93.90	130.04

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					
Arts, communications, and humanities teachers, postsecondary	\$31.26	\$39.20	\$45.87	\$56.37	\$75.58
Art, drama, and music teachers, postsecondary	34.73	37.64	44.44	58.12	72.65
English language and literature teachers, postsecondary	32.69	40.82	44.97	52.20	75.58
History teachers, postsecondary	28.12	44.86	45.87	47.56	57.38
Philosophy and religion teachers, postsecondary	43.18	48.79	52.77	75.08	79.77
Miscellaneous postsecondary teachers	14.42	25.50	38.16	57.14	73.44
Vocational education teachers, postsecondary	23.00	25.94	40.35	50.43	58.71
Primary, secondary, and special education school teachers	18.87	29.71	36.64	48.24	59.15
Preschool and kindergarten teachers	9.27	14.76	17.37	33.50	37.64
Preschool teachers, except special education	9.27	14.82	17.00	33.50	33.50
Kindergarten teachers, except special education	12.84	12.84	34.91	51.54	58.07
Elementary and middle school teachers	23.26	30.58	37.03	48.12	60.80
Elementary school teachers, except special education	21.27	29.95	36.53	47.01	60.54
Middle school teachers, except special and vocational education	26.57	32.34	38.42	51.35	60.80
Secondary school teachers	25.67	32.49	39.62	50.37	60.27
Secondary school teachers, except special and vocational education	24.93	32.32	38.98	50.79	60.27
Vocational education teachers, secondary school	26.79	34.07	42.72	48.24	56.72
Special education teachers	26.29	32.29	42.07	52.61	61.29
Special education teachers, preschool, kindergarten, and elementary school	24.79	29.71	39.89	52.58	57.17
Special education teachers, middle school	31.43	35.08	41.97	52.13	66.61
Special education teachers, secondary school	28.43	35.40	43.88	54.21	76.28
Other teachers and instructors	34.22	40.83	49.07	60.64	71.54
Librarians	18.16	20.84	23.39	35.99	51.65
Library technicians	8.70	8.70	13.74	15.86	18.18
Instructional coordinators	16.06	16.06	23.28	35.34	47.33
Teacher assistants	8.16	10.13	12.49	17.28	21.90
Arts, design, entertainment, sports, and media occupations					
Artists and related workers	18.27	18.27	27.35	30.05	45.08
Designers	12.00	18.50	24.14	33.41	46.64
Graphic designers	13.63	16.97	19.23	29.81	39.97
Actors, producers, and directors	25.90	42.19	83.60	135.94	135.94
Producers and directors	25.90	42.19	83.60	135.94	135.94
Athletes, coaches, umpires, and related workers	11.00	15.79	19.39	26.49	29.92
Coaches and scouts	11.00	15.79	19.39	26.49	29.92
Public relations specialists	16.04	18.26	29.95	31.92	49.29
Writers and editors	17.50	20.32	25.48	30.90	53.01
Editors	18.44	20.32	23.61	44.09	53.01
Broadcast and sound engineering technicians and radio operators	21.93	26.71	32.11	38.41	41.78

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	\$17.13	\$22.45	\$28.67	\$37.10	\$48.93
Pharmacists	43.86	45.00	48.22	51.27	53.00
Physicians and surgeons	22.66	26.50	64.35	80.54	95.35
Family and general practitioners	29.33	29.33	65.90	75.07	80.54
Internists, general	22.29	33.53	67.53	67.53	113.19
Registered nurses	23.10	26.80	33.13	37.80	44.84
Therapists	19.04	24.50	31.14	36.18	39.90
Occupational therapists	21.80	24.75	34.72	47.77	56.88
Physical therapists	24.50	29.80	33.76	36.77	43.95
Recreational therapists	12.78	14.60	15.81	18.63	18.94
Respiratory therapists	21.47	21.47	27.86	30.17	31.13
Clinical laboratory technologists and technicians	12.50	15.55	20.35	24.54	26.82
Medical and clinical laboratory technologists	13.43	20.96	24.43	26.12	30.27
Medical and clinical laboratory technicians	12.41	14.71	17.28	21.80	25.21
Dental hygienists	28.09	28.82	32.00	34.00	38.00
Diagnostic related technologists and technicians	15.68	20.00	25.40	28.86	33.57
Cardiovascular technologists and technicians	12.58	12.58	14.37	18.36	19.53
Radiologic technologists and technicians	16.36	20.74	24.61	28.84	33.13
Emergency medical technicians and paramedics	12.38	19.00	22.69	26.13	28.38
Health diagnosing and treating practitioner support technicians	11.76	14.28	17.00	19.21	19.87
Pharmacy technicians	11.39	13.21	16.64	17.00	17.00
Licensed practical and licensed vocational nurses	15.00	17.03	18.93	22.30	25.19
Medical records and health information technicians	9.64	12.10	16.17	18.91	27.88
Miscellaneous health technologists and technicians	11.90	16.00	17.00	17.00	21.79
Occupational health and safety specialists and technicians	21.37	21.37	24.04	30.94	30.94
Occupational health and safety specialists	21.37	21.37	24.04	30.94	30.94
Miscellaneous healthcare practitioner and technical workers	19.26	21.29	24.45	27.68	38.32
Healthcare support occupations	9.51	10.46	12.25	15.58	18.17
Nursing, psychiatric, and home health aides	9.51	10.05	11.63	14.72	17.25
Home health aides	9.25	9.90	10.02	11.48	12.50
Nursing aides, orderlies, and attendants	9.87	10.94	12.41	15.50	17.52
Psychiatric aides	10.70	12.30	14.89	17.37	19.25
Occupational therapist assistants and aides	12.89	13.09	13.31	15.90	19.73
Physical therapist assistants and aides	9.30	9.50	12.03	14.00	14.00
Physical therapist aides	9.50	9.50	12.03	14.00	14.00
Miscellaneous healthcare support occupations	10.00	12.00	15.00	19.00	20.53
Dental assistants	13.75	14.37	15.50	16.75	19.00
Medical assistants	9.30	11.00	13.66	20.00	20.53
Medical equipment preparers	11.25	12.04	18.94	20.22	20.37
Medical transcriptionists	10.67	12.31	13.13	18.85	21.39
Protective service occupations	9.00	12.59	18.45	30.33	38.93
First-line supervisors/managers, law enforcement workers	28.64	32.43	42.46	45.15	49.27
First-line supervisors/managers of police and detectives	32.43	39.23	43.19	45.15	49.27
Fire fighters	17.50	24.19	28.04	32.92	33.77

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
Protective service occupations –Continued					
Fire inspectors	\$14.94	\$14.94	\$18.29	\$21.04	\$21.43
Fire inspectors and investigators	14.94	14.94	18.29	21.04	21.43
Bailiffs, correctional officers, and jailers	15.19	16.99	24.19	30.44	31.99
Correctional officers and jailers	15.19	16.89	24.04	30.44	31.11
Detectives and criminal investigators	26.35	28.68	37.75	42.28	57.44
Police officers	17.58	23.22	28.65	35.46	41.84
Police and sheriff's patrol officers	17.58	23.22	28.65	35.46	41.84
Security guards and gaming surveillance officers	8.00	9.00	10.34	13.00	16.69
Security guards	8.00	9.00	10.34	13.00	16.69
Miscellaneous protective service workers	12.64	12.74	12.74	17.08	18.05
Food preparation and serving related occupations					
4.60	7.15	9.37	12.88	17.00	
First-line supervisors/managers, food preparation and serving workers	13.06	13.46	17.91	20.00	24.04
Chefs and head cooks	14.25	14.25	18.80	19.44	26.30
First-line supervisors/managers of food preparation and serving workers	13.00	13.46	17.46	20.00	24.04
Cooks	7.75	9.50	11.00	13.70	17.00
Cooks, institution and cafeteria	9.27	10.63	12.46	15.76	17.99
Cooks, restaurant	8.75	9.50	11.00	13.70	15.80
Cooks, short order	6.75	7.00	10.00	11.93	11.93
Food preparation workers	8.50	9.00	10.27	13.77	15.73
Food service, tipped	3.00	4.00	5.00	7.28	9.25
Bartenders	4.17	4.75	5.00	7.15	9.75
Waiters and waitresses	2.84	3.15	4.70	7.15	8.59
Dining room and cafeteria attendants and bartender helpers ..	4.00	4.00	7.28	9.25	9.85
Fast food and counter workers	7.15	7.50	8.80	10.43	13.75
Combined food preparation and serving workers, including fast food	7.50	8.20	10.12	10.43	12.19
Counter attendants, cafeteria, food concession, and coffee shop	7.15	7.15	7.50	9.20	13.75
Food servers, nonrestaurant	8.26	9.28	10.75	14.37	15.98
Dishwashers	7.15	7.15	8.05	8.62	10.45
Hosts and hostesses, restaurant, lounge, and coffee shop	4.38	8.00	9.40	15.72	16.00
Building and grounds cleaning and maintenance occupations					
9.00	11.14	14.20	18.80	20.48	
First-line supervisors/managers, building and grounds cleaning and maintenance workers	13.17	18.86	21.03	26.88	41.91
First-line supervisors/managers of housekeeping and janitorial workers	12.00	18.86	21.03	23.08	37.43
Building cleaning workers	9.00	11.00	13.95	18.44	19.62
Janitors and cleaners, except maids and housekeeping cleaners	9.00	11.18	14.01	19.24	19.68
Maids and housekeeping cleaners	7.68	9.11	10.70	13.32	16.30
Grounds maintenance workers	9.00	10.84	12.97	16.60	22.27

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
Building and grounds cleaning and maintenance occupations —Continued					
Landscaping and groundskeeping workers	\$9.00	\$10.00	\$12.50	\$15.25	\$22.22
Personal care and service occupations	7.50	8.49	10.05	15.55	20.14
First-line supervisors/managers of gaming workers	10.30	11.58	14.52	20.15	24.64
Gaming supervisors	20.15	21.34	24.32	25.29	27.50
Slot key persons	10.05	11.30	12.30	15.39	16.49
First-line supervisors/managers of personal service workers	13.04	18.03	20.63	30.09	30.09
Gaming services workers	4.80	6.55	8.25	8.76	12.83
Gaming dealers	4.80	6.32	7.85	8.50	9.00
Baggage porters, bellhops, and concierges	8.49	8.49	9.50	18.44	18.44
Transportation attendants	18.00	34.41	37.59	37.97	48.15
Child care workers	7.65	10.00	11.68	12.85	15.56
Personal and home care aides	7.40	7.63	9.90	9.90	11.50
Recreation and fitness workers	8.00	9.00	12.31	14.61	18.30
Recreation workers	7.68	9.00	12.10	13.50	18.30
Sales and related occupations	8.50	10.66	15.55	25.97	43.19
First-line supervisors/managers, sales workers	11.60	13.95	18.20	25.57	34.22
First-line supervisors/managers of retail sales workers	10.79	12.57	16.82	22.80	27.47
First-line supervisors/managers of non-retail sales workers ...	13.15	20.93	26.24	34.22	48.08
Retail sales workers	7.85	9.20	11.54	15.00	21.05
Cashiers, all workers	7.15	8.00	9.78	11.84	15.59
Cashiers	7.15	8.00	9.65	11.84	15.59
Counter and rental clerks and parts salespersons	9.90	10.00	12.00	14.00	23.42
Counter and rental clerks	9.90	9.90	12.00	12.00	14.25
Parts salespersons	9.69	10.42	13.50	20.66	25.09
Retail salespersons	8.27	9.66	12.73	16.88	24.17
Advertising sales agents	7.29	11.00	17.83	26.06	44.06
Insurance sales agents	15.83	18.65	22.60	31.94	59.32
Securities, commodities, and financial services sales agents	16.71	21.15	34.36	57.48	96.15
Sales representatives, wholesale and manufacturing	15.33	19.62	31.25	41.74	55.30
Sales representatives, wholesale and manufacturing, technical and scientific products	18.67	18.67	31.73	55.30	55.30
Sales representatives, wholesale and manufacturing, except technical and scientific products	13.52	20.20	29.78	41.13	55.67
Sales engineers	21.18	21.18	33.07	39.43	42.82
Telemarketers	10.86	12.19	12.19	18.27	32.97
Miscellaneous sales and related workers	9.72	12.40	15.54	26.92	42.32
Office and administrative support occupations	10.30	12.56	16.34	20.14	25.00
First-line supervisors/managers of office and administrative support workers	14.72	17.03	22.43	27.43	35.82
Switchboard operators, including answering service	8.82	14.00	17.38	18.56	19.01
Financial clerks	10.50	12.39	14.98	18.50	22.51

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					
Bill and account collectors	\$12.85	\$13.29	\$14.47	\$18.39	\$21.43
Billing and posting clerks and machine operators	11.75	12.51	15.00	16.86	19.26
Bookkeeping, accounting, and auditing clerks	11.33	13.63	16.72	20.40	22.67
Payroll and timekeeping clerks	13.38	15.20	15.98	20.81	21.36
Procurement clerks	10.18	16.10	16.43	17.02	30.51
Tellers	9.85	10.50	11.25	13.46	14.60
Brokerage clerks	15.98	17.87	20.44	24.72	29.53
Court, municipal, and license clerks	14.08	16.09	20.62	27.29	32.04
Credit authorizers, checkers, and clerks	14.08	14.78	15.54	17.95	23.56
Customer service representatives	10.00	12.10	15.38	19.14	26.93
Eligibility interviewers, government programs	14.88	18.25	20.89	22.26	29.82
File clerks	9.23	9.84	12.09	14.31	15.85
Hotel, motel, and resort desk clerks	7.25	8.25	11.00	11.50	13.24
Interviewers, except eligibility and loan	10.81	13.00	17.07	19.00	21.70
Library assistants, clerical	10.00	12.61	14.89	16.78	20.86
Loan interviewers and clerks	11.54	13.60	15.94	18.90	24.86
Order clerks	9.50	10.00	12.00	15.53	19.05
Human resources assistants, except payroll and timekeeping	14.63	17.25	19.81	21.90	23.33
Receptionists and information clerks	9.00	11.00	13.00	17.31	20.23
Reservation and transportation ticket agents and travel clerks ...	10.91	17.54	18.00	22.02	23.88
Couriers and messengers	9.00	10.99	11.57	11.89	19.21
Dispatchers	13.69	16.88	20.25	26.11	32.86
Police, fire, and ambulance dispatchers	13.37	16.29	20.00	21.51	24.19
Dispatchers, except police, fire, and ambulance	13.79	16.88	20.40	26.11	33.18
Production, planning, and expediting clerks	12.00	14.25	18.13	23.02	24.16
Shipping, receiving, and traffic clerks	8.50	9.85	11.62	15.00	18.25
Stock clerks and order fillers	8.50	9.25	12.00	14.73	18.19
Weighers, measurers, checkers, and samplers, recordkeeping	12.25	13.31	14.23	24.50	28.14
Secretaries and administrative assistants	12.78	16.35	19.33	24.63	30.47
Executive secretaries and administrative assistants	15.53	17.32	21.48	25.84	32.91
Legal secretaries	17.31	22.67	26.48	30.11	33.65
Medical secretaries	10.75	11.70	16.77	19.04	19.79
Secretaries, except legal, medical, and executive	12.47	14.84	17.15	21.03	25.00
Computer operators	13.60	17.21	19.66	22.37	34.15
Data entry and information processing workers	10.56	11.00	13.58	16.81	21.16
Data entry keyers	10.05	11.00	11.00	15.49	17.42
Word processors and typists	11.50	13.15	16.16	19.54	34.09
Insurance claims and policy processing clerks	12.82	13.70	16.19	18.72	24.04
Mail clerks and mail machine operators, except postal service ..	7.71	10.95	12.50	13.97	17.58
Office clerks, general	10.00	12.62	15.83	18.13	22.94
Office machine operators, except computer	9.50	10.04	11.67	15.53	17.66
Construction and extraction occupations	13.00	16.73	23.00	32.58	44.48
First-line supervisors/managers of construction trades and extraction workers	20.60	23.75	31.20	33.65	51.25

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					
Brickmasons, blockmasons, and stonemasons	\$26.73	\$26.73	\$28.50	\$40.00	\$40.00
Brickmasons and blockmasons	26.73	26.73	28.50	40.00	40.00
Carpenters	17.00	19.00	21.59	24.00	26.98
Construction laborers	11.34	12.98	19.25	26.20	33.94
Construction equipment operators	14.75	17.75	22.00	34.00	34.00
Operating engineers and other construction equipment operators	14.75	19.00	23.74	34.00	34.00
Electricians	15.00	20.03	28.50	44.00	46.00
Painters and paperhangers	10.25	13.00	15.00	35.00	35.00
Painters, construction and maintenance	10.25	13.00	15.00	35.00	35.00
Pipelayers, plumbers, pipefitters, and steamfitters	15.28	17.50	29.03	44.56	44.56
Plumbers, pipefitters, and steamfitters	15.28	17.38	32.27	44.56	44.56
Roofers	10.00	14.73	19.00	27.21	28.86
Sheet metal workers	14.00	16.00	17.05	23.08	33.35
Helpers, construction trades	8.00	11.00	11.61	15.63	15.67
Construction and building inspectors	14.75	18.03	21.55	22.81	30.27
Highway maintenance workers	12.00	13.00	17.25	19.00	21.29
Miscellaneous construction and related workers	11.73	18.58	23.75	26.89	38.38
Installation, maintenance, and repair occupations	12.50	16.22	20.00	26.29	32.98
First-line supervisors/managers of mechanics, installers, and repairers	18.50	20.15	25.66	37.24	49.07
Radio and telecommunications equipment installers and repairers	23.66	30.77	32.98	32.98	33.77
Telecommunications equipment installers and repairers, except line installers	23.66	30.77	32.98	32.98	33.77
Miscellaneous electrical and electronic equipment mechanics, installers, and repairers	7.75	11.90	17.00	22.37	25.39
Security and fire alarm systems installers	14.93	17.00	21.47	25.14	29.77
Aircraft mechanics and service technicians	23.00	23.00	27.15	30.68	30.70
Automotive technicians and repairers	12.00	13.28	16.25	21.66	26.68
Automotive body and related repairers	11.67	12.79	13.32	16.00	24.00
Automotive service technicians and mechanics	12.91	15.67	19.12	25.57	31.98
Bus and truck mechanics and diesel engine specialists	15.00	18.00	19.50	26.05	27.85
Heavy vehicle and mobile equipment service technicians and mechanics	10.50	17.00	20.69	25.42	26.00
Mobile heavy equipment mechanics, except engines	17.50	19.75	21.50	25.42	26.00
Control and valve installers and repairers	18.75	19.00	24.65	34.48	38.25
Control and valve installers and repairers, except mechanical door	18.43	24.13	31.22	35.33	38.25
Heating, air conditioning, and refrigeration mechanics and installers	16.43	18.00	20.00	25.60	26.86
Home appliance repairers	10.00	16.00	17.50	29.78	33.03
Industrial machinery installation, repair, and maintenance workers	14.50	16.22	19.25	23.05	28.96

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					
Industrial machinery mechanics	\$15.76	\$16.40	\$19.60	\$23.39	\$32.42
Maintenance and repair workers, general	12.25	16.22	19.44	22.14	30.14
Maintenance workers, machinery	15.15	15.29	17.47	22.52	25.10
Millwrights	18.77	19.25	25.25	31.56	32.18
Line installers and repairers	24.42	27.24	31.68	35.17	38.15
Electrical power-line installers and repairers	26.29	29.43	34.64	37.17	38.15
Telecommunications line installers and repairers	19.22	25.95	29.24	30.57	32.48
Precision instrument and equipment repairers	10.68	11.75	18.52	26.90	36.33
Miscellaneous installation, maintenance, and repair workers	11.87	14.00	17.86	22.00	25.64
Helpers--installation, maintenance, and repair workers	9.00	12.00	16.80	17.93	19.22
Production occupations					
First-line supervisors/managers of production and operating workers	8.92	11.15	14.90	19.10	24.15
Electrical, electronics, and electromechanical assemblers	16.25	18.00	22.91	27.24	30.63
Electrical and electronic equipment assemblers	10.00	12.63	14.72	17.50	20.32
Electromechanical equipment assemblers	10.40	11.44	14.30	16.99	21.29
Structural metal fabricators and fitters	9.75	14.02	15.00	18.31	20.03
Miscellaneous assemblers and fabricators	10.50	10.95	15.00	15.50	17.00
Team assemblers	7.50	8.87	11.29	14.93	17.90
Bakers	7.90	9.85	14.24	18.39	20.63
Butchers and other meat, poultry, and fish processing workers ..	10.00	10.00	14.65	25.50	40.39
Butchers and meat cutters	13.00	15.55	17.38	20.75	24.23
Miscellaneous food processing workers	13.00	15.55	17.46	20.75	24.85
Food batchmakers	8.03	10.00	15.15	18.09	18.40
Computer control programmers and operators	10.00	12.25	14.88	18.09	18.19
Computer-controlled machine tool operators, metal and plastic	14.75	14.75	17.72	19.50	22.83
Forming machine setters, operators, and tenders, metal and plastic	14.75	14.75	16.50	18.50	20.30
Extruding and drawing machine setters, operators, and tenders, metal and plastic	9.50	12.20	14.79	17.44	19.63
Rolling machine setters, operators, and tenders, metal and plastic	14.68	14.79	17.25	18.67	18.67
Machine tool cutting setters, operators, and tenders, metal and plastic	8.73	8.73	12.34	18.25	30.68
Cutting, punching, and press machine setters, operators, and tenders, metal and plastic	10.43	12.72	15.25	19.50	21.77
Drilling and boring machine tool setters, operators, and tenders, metal and plastic	9.60	11.50	15.00	17.98	21.30
Grinding, lapping, polishing, and buffing machine tool setters, operators, and tenders, metal and plastic	12.00	13.85	16.45	21.77	21.77
Machinists	12.25	13.47	15.00	17.50	20.50
Metal furnace and kiln operators and tenders	14.80	18.33	19.30	22.68	25.69
Metal-refining furnace operators and tenders	15.98	17.10	17.10	17.38	20.00
	15.98	17.19	17.38	18.68	28.93

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					
Molders and molding machine setters, operators, and tenders, metal and plastic	\$8.25	\$10.88	\$12.80	\$15.85	\$24.28
Molding, coremaking, and casting machine setters, operators, and tenders, metal and plastic	8.25	10.88	11.76	15.85	19.29
Multiple machine tool setters, operators, and tenders, metal and plastic	9.00	11.00	13.90	18.89	28.80
Tool and die makers	18.72	23.34	25.15	27.45	29.50
Welding, soldering, and brazing workers	12.43	13.63	15.90	20.50	24.41
Welders, cutters, solderers, and brazers	12.43	13.63	16.00	20.50	24.00
Welding, soldering, and brazing machine setters, operators, and tenders	11.70	11.70	13.55	22.31	28.28
Miscellaneous metalworkers and plastic workers	7.50	7.50	12.00	17.00	22.05
Heat treating equipment setters, operators, and tenders, metal and plastic	15.22	15.93	18.06	22.05	23.19
Plating and coating machine setters, operators, and tenders, metal and plastic	7.50	10.50	13.56	18.00	24.80
Printers	10.42	13.59	17.02	20.74	21.57
Prepress technicians and workers	8.25	10.00	13.56	17.50	20.74
Printing machine operators	10.42	15.37	16.00	20.03	21.93
Laundry and dry-cleaning workers	8.74	10.00	10.20	13.43	16.00
Sewing machine operators	8.14	10.00	10.50	11.00	13.00
Tailors, dressmakers, and sewers	12.00	12.14	12.14	21.11	22.77
Tailors, dressmakers, and custom sewers	12.00	12.14	12.14	21.11	22.77
Textile machine setters, operators, and tenders	9.77	11.45	18.27	21.13	23.19
Textile cutting machine setters, operators, and tenders	9.77	9.77	18.27	18.27	21.13
Miscellaneous textile, apparel, and furnishings workers	7.75	7.75	10.34	16.08	18.80
Woodworking machine setters, operators, and tenders	10.53	11.35	13.51	14.81	17.96
Woodworking machine setters, operators, and tenders, except sawing	12.20	13.20	14.17	14.81	17.06
Power plant operators, distributors, and dispatchers	30.25	31.63	33.67	33.74	39.99
Stationary engineers and boiler operators	16.26	21.68	25.10	30.77	35.29
Water and liquid waste treatment plant and system operators	13.50	16.48	18.49	26.25	27.45
Chemical processing machine setters, operators, and tenders	13.00	14.50	17.00	25.75	26.38
Chemical equipment operators and tenders	13.00	14.25	16.50	25.75	25.75
Separating, filtering, clarifying, precipitating, and still machine setters, operators, and tenders	13.06	16.90	26.38	26.38	26.38
Crushing, grinding, polishing, mixing, and blending workers	11.49	14.30	17.64	19.75	26.03
Grinding and polishing workers, hand	8.00	11.71	14.73	18.62	20.78
Mixing and blending machine setters, operators, and tenders	11.49	15.52	18.75	19.75	27.68
Cutting workers	10.25	14.17	15.24	17.44	18.23
Cutting and slicing machine setters, operators, and tenders	7.67	12.59	15.24	17.44	18.23
Inspectors, testers, sorters, samplers, and weighers	11.36	13.69	18.18	20.24	23.58
Packaging and filling machine operators and tenders	10.00	12.20	14.43	17.30	18.72
Painting workers	10.00	11.00	14.19	15.69	18.18

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					
Coating, painting, and spraying machine setters, operators, and tenders	\$10.00	\$11.00	\$12.00	\$15.06	\$18.18
Painting, coating, and decorating workers	10.78	14.09	14.80	16.38	18.07
Photographic process workers and processing machine operators	8.96	11.00	11.00	14.00	16.26
Miscellaneous production workers	8.00	8.92	11.50	15.40	20.15
Cleaning, washing, and metal pickling equipment operators and tenders	10.50	10.50	16.78	19.69	21.61
Paper goods machine setters, operators, and tenders	8.00	9.25	14.00	16.98	19.03
Helpers--production workers	8.47	9.00	11.88	13.42	17.16
Transportation and material moving occupations					
First-line supervisors/managers of helpers, laborers, and material movers, hand	11.00	13.63	20.45	31.73	49.67
First-line supervisors/managers of transportation and material-moving machine and vehicle operators	16.67	18.80	21.76	25.19	28.12
Aircraft pilots and flight engineers	28.73	31.14	34.40	118.00	172.89
Airline pilots, copilots, and flight engineers	66.30	101.90	118.00	172.18	172.89
Bus drivers	11.63	11.63	18.01	23.52	26.01
Bus drivers, transit and intercity	11.63	11.63	11.63	23.61	26.01
Bus drivers, school	15.64	18.01	18.75	21.59	24.89
Driver/sales workers and truck drivers	10.90	14.02	16.80	21.85	27.18
Driver/sales workers	11.84	16.73	21.90	23.43	24.86
Truck drivers, heavy and tractor-trailer	12.90	15.29	17.00	20.57	28.45
Truck drivers, light or delivery services	10.00	10.90	14.58	21.45	27.18
Taxi drivers and chauffeurs	7.15	7.15	7.15	12.04	21.89
Parking lot attendants	5.67	7.50	7.50	7.50	12.03
Crane and tower operators	17.70	18.60	22.05	26.32	27.58
Dredge, excavating, and loading machine operators	15.65	16.00	16.00	17.50	19.23
Excavating and loading machine and dragline operators	15.26	16.00	16.00	16.00	26.53
Industrial truck and tractor operators	11.80	14.54	17.25	20.54	22.22
Laborers and material movers, hand	7.96	8.65	10.85	14.20	17.75
Cleaners of vehicles and equipment	7.50	8.50	10.00	13.12	15.05
Laborers and freight, stock, and material movers, hand	7.96	8.50	10.82	14.60	20.04
Machine feeders and offbearers	10.56	11.34	13.61	16.80	33.36
Packers and packagers, hand	7.15	8.61	11.70	13.75	15.69
Refuse and recyclable material collectors	7.44	8.17	9.58	16.00	28.70

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.