

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	\$9.00	\$11.61	\$16.28	\$25.00	\$36.85
Management occupations	20.00	26.44	36.80	50.56	65.58
Chief executives	21.03	27.95	60.43	87.28	125.48
General and operations managers	20.00	28.06	38.80	56.95	81.97
Legislators	19.29	19.29	31.79	31.79	72.13
Advertising and promotions managers	19.36	22.12	27.34	48.07	61.54
Marketing and sales managers	22.62	31.47	38.50	49.03	64.42
Marketing managers	31.15	34.10	39.72	63.68	74.17
Sales managers	21.73	27.89	38.50	46.61	57.07
Public relations managers	14.42	19.23	24.45	50.00	56.32
Administrative services managers	20.51	22.92	26.92	32.95	51.01
Computer and information systems managers	29.49	36.99	50.48	62.88	69.71
Financial managers	20.49	27.25	39.73	55.56	68.19
Human resources managers	26.54	30.94	41.25	51.92	99.85
Compensation and benefits managers	26.54	26.54	28.17	33.86	61.88
Training and development managers	33.35	39.40	42.73	99.85	99.85
Industrial production managers	26.95	30.64	33.71	41.69	52.71
Purchasing managers	23.38	27.87	41.48	49.08	49.08
Transportation, storage, and distribution managers	20.63	28.64	34.86	43.16	68.68
Construction managers	22.38	27.78	36.80	48.08	53.85
Education administrators	20.33	27.46	36.42	48.37	56.44
Education administrators, elementary and secondary school ..	29.33	32.69	43.66	49.33	56.22
Education administrators, postsecondary	20.50	26.01	32.47	46.77	73.08
Engineering managers	36.30	45.45	53.64	63.35	67.76
Food service managers	13.50	16.54	22.06	29.03	34.27
Lodging managers	7.50	7.50	17.87	18.88	37.36
Medical and health services managers	12.41	16.21	32.55	43.50	55.43
Natural sciences managers	22.56	22.56	24.33	28.68	47.40
Property, real estate, and community association managers	17.79	20.19	20.60	25.53	33.65
Social and community service managers	18.36	21.80	26.44	32.01	40.58
Business and financial operations occupations	17.31	20.67	27.40	35.82	48.09
Buyers and purchasing agents	18.51	20.67	25.46	32.56	36.56
Wholesale and retail buyers, except farm products	17.58	19.50	23.72	28.03	30.74
Purchasing agents, except wholesale, retail, and farm products	19.84	20.86	28.85	33.92	37.67
Claims adjusters, appraisers, examiners, and investigators	16.55	18.61	22.14	29.87	43.75
Claims adjusters, examiners, and investigators	16.55	18.27	22.98	29.87	43.75
Compliance officers, except agriculture, construction, health and safety, and transportation	16.16	19.53	30.51	34.37	35.35
Cost estimators	21.54	26.30	34.15	45.70	48.03
Human resources, training, and labor relations specialists	14.88	19.16	24.10	33.17	39.86
Employment, recruitment, and placement specialists	14.86	18.33	21.48	33.91	36.06
Compensation, benefits, and job analysis specialists	19.63	24.10	27.46	34.38	40.86
Training and development specialists	14.55	18.22	25.42	34.46	40.19
Logisticians	19.30	23.80	34.00	41.03	48.08

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					
Management analysts	\$19.17	\$23.12	\$32.79	\$48.90	\$56.15
Meeting and convention planners	14.42	18.03	23.26	27.81	28.21
Accountants and auditors	18.08	21.15	26.21	32.36	46.30
Appraisers and assessors of real estate	16.60	17.00	19.49	22.01	28.51
Budget analysts	19.97	22.53	26.23	30.88	38.52
Credit analysts	20.19	24.40	30.20	42.19	78.90
Financial analysts and advisors	18.75	23.00	28.47	44.51	63.56
Financial analysts	20.32	25.00	31.25	47.12	71.91
Personal financial advisors	19.19	22.12	25.36	44.57	63.56
Insurance underwriters	17.28	20.36	24.34	32.69	45.65
Financial examiners	18.90	21.07	27.40	34.72	41.45
Loan counselors and officers	14.93	16.83	24.60	33.72	45.36
Loan officers	14.93	16.83	24.50	31.84	45.36
Tax examiners, collectors, preparers, and revenue agents	12.76	13.09	15.06	18.83	21.88
Tax examiners, collectors, and revenue agents	12.76	12.90	14.52	19.27	21.88
Computer and mathematical science occupations	19.69	25.21	34.87	44.01	54.11
Computer and information scientists, research	33.75	46.39	57.31	63.46	70.58
Computer programmers	18.75	25.11	33.39	40.34	50.00
Computer software engineers	28.59	33.65	40.96	47.50	56.44
Computer software engineers, applications	27.78	35.14	44.01	48.29	57.08
Computer software engineers, systems software	28.87	33.63	38.13	46.99	55.98
Computer support specialists	16.96	19.28	24.41	30.87	42.41
Computer systems analysts	25.24	30.35	38.46	46.15	55.29
Database administrators	22.16	23.69	33.65	44.66	59.71
Network and computer systems administrators	20.19	23.67	29.87	38.61	45.94
Network systems and data communications analysts	17.59	23.08	29.97	39.81	45.53
Operations research analysts	20.22	25.21	28.85	43.74	48.38
Statisticians	22.19	22.19	30.05	30.29	55.64
Architecture and engineering occupations	19.39	24.52	30.89	41.07	49.09
Architects, except naval	19.23	24.97	34.47	47.12	58.82
Architects, except landscape and naval	16.24	24.49	33.74	54.32	58.82
Surveyors, cartographers, and photogrammetrists	22.13	24.00	25.00	27.97	27.97
Engineers	25.00	30.19	38.46	45.14	53.01
Chemical engineers	32.65	40.26	41.00	56.88	72.17
Civil engineers	24.49	25.96	31.49	40.87	53.85
Computer hardware engineers	30.25	43.13	47.50	59.02	66.66
Electrical and electronics engineers	27.89	32.69	39.95	46.02	50.76
Electrical engineers	28.13	32.69	38.92	47.13	55.29
Electronics engineers, except computer	26.80	31.49	40.19	45.24	47.72
Environmental engineers	24.03	26.76	30.93	39.66	43.86
Industrial engineers, including health and safety	20.84	31.00	37.57	49.25	58.19
Industrial engineers	20.19	26.60	35.35	42.13	47.54
Mechanical engineers	23.08	26.21	36.02	40.54	47.24

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	\$14.00	\$16.00	\$22.38	\$26.25	\$33.71
Architectural and civil drafters	15.50	18.90	23.75	30.40	35.52
Mechanical drafters	19.07	20.81	22.38	24.52	24.52
Engineering technicians, except drafters	18.47	21.99	26.08	29.03	32.23
Civil engineering technicians	15.75	16.75	21.40	24.04	26.20
Electrical and electronic engineering technicians	20.19	22.75	26.44	29.03	29.11
Mechanical engineering technicians	16.59	17.47	18.92	23.17	28.91
Surveying and mapping technicians	14.00	14.50	16.56	19.39	21.93
Life, physical, and social science occupations					
Life scientists	16.64	21.33	26.22	33.69	47.89
Biological scientists	18.93	21.33	31.20	42.55	88.38
Medical scientists	18.93	21.22	40.39	88.38	88.38
Physical scientists	19.23	22.63	28.85	37.38	43.08
Chemists and materials scientists	19.78	22.87	28.13	35.58	55.59
Chemists	21.13	26.22	31.52	40.50	84.13
Environmental scientists and geoscientists	21.04	24.89	30.00	36.21	84.13
Environmental scientists and specialists, including health ..	18.84	20.44	26.35	33.47	42.10
Economists	18.64	20.19	26.35	33.58	42.39
Market and survey researchers	15.64	21.67	25.22	32.89	36.80
Market research analysts	22.78	25.65	28.60	32.93	36.82
Psychologists	22.14	25.65	28.52	31.25	37.74
Clinical, counseling, and school psychologists	22.36	24.83	32.95	43.70	52.74
Urban and regional planners	22.36	24.83	32.95	43.70	52.74
Miscellaneous social scientists and related workers	20.67	21.81	24.50	28.32	35.73
Biological technicians	21.63	22.60	44.66	66.59	70.64
Chemical technicians	11.77	18.51	22.44	23.26	26.17
Miscellaneous life, physical, and social science technicians	13.28	14.43	20.70	23.82	27.51
Miscellaneous life, physical, and social science technicians	14.29	17.55	21.71	25.77	31.37
Community and social services occupations					
Counselors	12.02	14.56	17.50	22.17	28.85
Substance abuse and behavioral disorder counselors	12.98	15.70	20.41	27.47	35.53
Educational, vocational, and school counselors	12.76	14.68	17.16	20.96	24.31
Mental health counselors	12.98	18.19	26.62	33.15	42.65
Rehabilitation counselors	15.95	18.05	19.62	21.76	22.17
Social workers	12.85	14.36	18.73	23.00	27.78
Child, family, and school social workers	13.31	16.30	18.41	22.56	28.12
Medical and public health social workers	11.65	14.42	17.29	24.25	30.71
Mental health and substance abuse social workers	15.18	17.07	20.25	24.29	28.12
Miscellaneous community and social service specialists	15.00	16.15	19.24	21.00	24.93
Probation officers and correctional treatment specialists	9.22	11.06	14.94	16.63	21.00
Social and human service assistants	14.11	15.93	17.46	21.74	25.37
Social and human service assistants	9.00	9.32	11.49	15.21	16.63
Legal occupations					
Lawyers	16.66	19.78	28.85	48.87	69.71
Lawyers	21.03	33.46	51.04	65.61	81.73

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					
Judges, magistrates, and other judicial workers	\$9.35	\$17.30	\$20.01	\$60.46	\$62.99
Paralegals and legal assistants	16.34	18.23	21.85	28.85	34.62
Miscellaneous legal support workers	15.39	15.39	20.60	21.64	26.92
Education, training, and library occupations					
Postsecondary teachers	12.45	21.45	28.85	36.06	45.27
Business teachers, postsecondary	22.15	28.72	36.31	49.19	60.31
Math and computer teachers, postsecondary	34.78	45.65	49.19	58.24	60.26
Computer science teachers, postsecondary	28.85	30.99	33.97	48.77	61.64
Mathematical science teachers, postsecondary	26.39	31.25	32.05	56.87	65.54
Engineering and architecture teachers, postsecondary	30.51	30.51	35.64	47.44	52.05
Engineering teachers, postsecondary	38.11	38.11	58.46	90.58	90.58
Life sciences teachers, postsecondary	38.11	38.11	58.46	90.58	90.58
Biological science teachers, postsecondary	28.95	31.41	37.11	51.92	64.74
Physical sciences teachers, postsecondary	28.43	31.15	36.44	51.40	65.19
Chemistry teachers, postsecondary	28.00	32.05	43.59	50.50	71.10
Social sciences teachers, postsecondary	26.77	30.06	45.65	60.30	71.10
Psychology teachers, postsecondary	35.14	39.83	42.72	53.00	66.54
Health teachers, postsecondary	28.84	40.19	40.19	42.17	55.27
Health specialties teachers, postsecondary	27.34	29.34	35.92	44.14	55.52
Nursing instructors and teachers, postsecondary	26.41	32.38	44.14	45.74	71.43
Education and library science teachers, postsecondary	27.34	27.89	32.45	41.41	46.06
Education teachers, postsecondary	23.08	28.27	31.56	57.64	57.64
Law, criminal justice, and social work teachers, postsecondary	23.08	28.27	31.56	57.64	57.64
Arts, communications, and humanities teachers, postsecondary	31.54	33.22	56.80	66.84	107.53
English language and literature teachers, postsecondary	27.20	30.24	38.76	52.46	65.32
Foreign language and literature teachers, postsecondary	28.63	30.26	38.84	43.93	52.46
History teachers, postsecondary	25.86	27.20	38.84	38.84	44.69
Philosophy and religion teachers, postsecondary	28.39	34.28	53.16	67.66	73.40
Miscellaneous postsecondary teachers	31.77	31.77	36.63	58.54	58.54
Primary, secondary, and special education school teachers	19.00	22.15	28.91	41.14	51.66
Preschool and kindergarten teachers	22.49	25.82	30.27	36.22	43.16
Preschool teachers, except special education	10.50	12.50	24.79	32.12	40.52
Kindergarten teachers, except special education	9.33	11.00	12.50	15.77	30.44
Elementary and middle school teachers	23.75	25.49	29.61	37.54	44.74
Elementary school teachers, except special education	23.20	25.96	30.46	36.04	42.40
Middle school teachers, except special and vocational education	22.96	25.73	30.36	35.94	42.30
Secondary school teachers	23.53	26.49	30.54	36.22	42.40
Secondary school teachers, except special and vocational education	24.44	27.18	30.37	38.17	44.51
Vocational education teachers, secondary school	24.56	27.67	30.27	38.76	44.51
Special education teachers	19.07	25.06	32.30	36.06	43.04
Special education teachers	24.29	25.50	29.68	37.11	44.87

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
Education, training, and library occupations –Continued					
Special education teachers, preschool, kindergarten, and elementary school	\$22.85	\$26.35	\$31.46	\$37.81	\$46.88
Special education teachers, middle school	20.31	24.52	31.47	34.97	39.14
Special education teachers, secondary school	24.41	24.66	29.14	34.28	44.39
Other teachers and instructors	9.61	17.16	25.52	29.93	36.06
Self-enrichment education teachers	18.67	18.67	28.42	32.35	34.63
Librarians	19.64	22.70	29.66	37.09	44.12
Library technicians	11.84	12.84	14.69	16.43	17.95
Instructional coordinators	22.60	25.03	27.17	41.31	72.69
Teacher assistants	9.75	10.78	12.37	13.42	16.24
Arts, design, entertainment, sports, and media occupations					
Artists and related workers	12.50	16.34	21.61	29.42	42.68
Designers	14.42	15.14	29.42	38.82	48.76
Graphic designers	12.50	15.85	17.75	24.04	27.50
Actors, producers, and directors	14.57	16.83	18.84	22.27	27.54
Producers and directors	12.75	15.36	18.71	27.88	60.52
Athletes, coaches, umpires, and related workers	13.46	15.36	18.71	27.88	60.52
Coaches and scouts	12.00	15.63	20.45	32.68	33.96
News analysts, reporters and correspondents	12.00	15.39	22.26	32.68	33.96
Reporters and correspondents	15.69	18.34	23.54	39.78	51.79
Public relations specialists	15.69	18.34	23.54	39.78	51.79
Writers and editors	17.79	21.00	24.20	33.65	46.56
Editors	19.01	22.70	29.57	33.32	51.28
Technical writers	19.01	21.01	26.76	32.39	43.32
Broadcast and sound engineering technicians and radio operators	19.47	22.06	31.43	41.39	69.66
Healthcare practitioner and technical occupations					
Dietitians and nutritionists	14.00	18.12	24.44	30.08	37.90
Pharmacists	14.42	16.23	19.00	21.70	24.85
Physicians and surgeons	44.48	49.27	52.00	54.11	57.89
Registered nurses	23.57	41.21	74.23	111.11	144.23
Therapists	20.91	24.00	27.70	31.47	36.52
Occupational therapists	18.54	24.51	28.00	32.62	35.92
Physical therapists	24.88	28.37	32.03	35.92	35.92
Recreational therapists	26.08	30.94	32.78	34.40	36.06
Respiratory therapists	12.24	14.94	15.77	16.56	24.75
Speech-language pathologists	19.73	23.21	26.24	28.40	30.43
Clinical laboratory technologists and technicians	25.48	26.70	28.09	32.62	44.66
Medical and clinical laboratory technologists	12.76	15.19	17.75	23.30	25.76
Medical and clinical laboratory technicians	13.91	16.96	23.03	24.97	27.12
Dental hygienists	11.76	13.51	16.90	18.12	22.14
Diagnostic related technologists and technicians	24.29	27.61	29.42	37.00	41.00
Cardiovascular technologists and technicians	16.38	21.57	25.04	29.99	33.25
	11.25	13.50	24.17	26.20	33.64

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	\$30.02	\$30.80	\$33.25	\$37.72	\$37.72
Nuclear medicine technologists	28.90	30.77	30.77	32.71	35.99
Radiologic technologists and technicians	17.66	21.45	23.65	27.79	31.39
Emergency medical technicians and paramedics	9.35	11.00	13.64	18.54	24.54
Health diagnosing and treating practitioner support technicians	9.66	12.06	15.63	19.14	21.44
Pharmacy technicians	9.50	11.68	14.00	16.00	19.50
Psychiatric technicians	8.45	10.27	11.54	13.16	15.53
Surgical technologists	15.22	17.00	18.72	19.77	24.09
Licensed practical and licensed vocational nurses	10.66	14.42	17.33	20.18	22.49
Medical records and health information technicians	11.91	14.26	16.76	21.36	23.95
Miscellaneous health technologists and technicians	13.74	16.06	17.74	20.19	26.98
Occupational health and safety specialists	14.11	15.37	20.51	26.07	36.65
Healthcare support occupations					
Nursing, psychiatric, and home health aides	8.84	10.00	11.50	14.00	17.00
Nursing, psychiatric, and home health aides	8.45	9.46	10.50	11.86	13.13
Home health aides	8.22	9.00	10.32	10.66	11.25
Nursing aides, orderlies, and attendants	8.50	9.50	10.52	12.15	13.52
Psychiatric aides	8.25	9.69	11.09	11.42	11.68
Physical therapist assistants and aides	12.77	17.25	17.25	24.91	30.00
Physical therapist assistants	17.25	17.25	17.25	27.65	30.00
Miscellaneous healthcare support occupations	10.00	11.00	13.18	15.30	18.13
Dental assistants	12.00	14.92	18.13	20.38	20.38
Medical assistants	10.50	10.77	13.00	14.61	16.83
Medical equipment preparers	9.31	10.17	12.15	13.59	15.30
Medical transcriptionists	12.52	13.30	13.83	15.57	15.78
Pharmacy aides	8.00	9.50	13.00	13.00	13.00
Protective service occupations					
First-line supervisors/managers, law enforcement workers	9.57	11.84	15.70	21.81	29.80
First-line supervisors/managers of correctional officers	17.43	21.96	33.07	40.87	49.05
First-line supervisors/managers of police and detectives	13.62	13.62	18.66	29.02	40.18
First-line supervisors/managers of fire fighting and prevention	20.60	26.12	34.18	44.23	50.21
workers	17.76	20.12	21.53	33.97	42.41
Fire fighters	12.03	13.73	17.41	21.61	27.61
Bailiffs, correctional officers, and jailers	12.35	13.79	15.17	18.55	22.31
Correctional officers and jailers	12.35	13.79	15.17	18.55	22.31
Detectives and criminal investigators	14.85	16.67	21.63	27.41	33.69
Police officers	15.12	17.18	21.34	26.95	32.11
Police and sheriff's patrol officers	15.12	17.18	21.34	26.95	32.11
Security guards and gaming surveillance officers	8.40	9.50	10.19	12.09	14.69
Security guards	8.40	9.44	10.17	12.09	14.69
Miscellaneous protective service workers	7.35	7.35	8.93	16.65	22.17
Lifeguards, ski patrol, and other recreational protective	7.35	7.35	7.35	8.93	10.32
service workers					

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	\$3.72	\$6.65	\$8.50	\$11.25	\$14.00
First-line supervisors/managers, food preparation and serving workers	9.25	11.25	13.72	16.24	20.11
Chefs and head cooks	10.00	11.11	11.36	15.85	23.12
First-line supervisors/managers of food preparation and serving workers	9.00	11.54	13.72	16.24	19.57
Cooks	7.30	8.42	10.00	12.00	14.50
Cooks, fast food	6.50	6.97	8.00	10.20	12.00
Cooks, institution and cafeteria	8.26	9.13	10.46	12.80	15.13
Cooks, restaurant	7.80	8.77	11.00	12.60	14.80
Cooks, short order	7.30	7.50	9.38	11.00	12.00
Food preparation workers	7.30	8.00	9.00	11.25	12.14
Food service, tipped	2.13	2.50	3.77	6.55	9.50
Bartenders	3.43	4.35	6.15	7.71	11.56
Waiters and waitresses	2.13	2.13	3.38	3.81	6.00
Dining room and cafeteria attendants and bartender helpers ..	4.25	6.00	8.00	9.80	11.49
Fast food and counter workers	6.15	6.75	7.50	9.25	11.12
Combined food preparation and serving workers, including fast food	6.15	6.55	7.50	9.25	11.12
Counter attendants, cafeteria, food concession, and coffee shop	6.75	7.14	7.52	9.00	11.00
Food servers, nonrestaurant	4.76	7.77	8.24	8.60	11.58
Dishwashers	7.00	7.50	8.14	9.00	10.40
Hosts and hostesses, restaurant, lounge, and coffee shop	5.44	6.00	9.00	10.85	14.35
Building and grounds cleaning and maintenance occupations	7.50	8.50	10.07	12.47	15.90
First-line supervisors/managers, building and grounds cleaning and maintenance workers	12.00	16.24	18.75	21.88	30.28
First-line supervisors/managers of housekeeping and janitorial workers	12.00	14.32	17.24	19.25	21.65
First-line supervisors/managers of landscaping, lawn service, and groundskeeping workers	16.00	18.00	20.45	26.11	30.28
Building cleaning workers	7.25	8.24	10.00	11.81	13.75
Janitors and cleaners, except maids and housekeeping cleaners	7.25	8.41	10.25	12.07	14.06
Maids and housekeeping cleaners	7.00	8.00	8.80	10.50	12.47
Pest control workers	12.30	14.28	16.25	17.19	17.19
Grounds maintenance workers	8.46	9.00	10.00	12.50	14.24
Landscaping and groundskeeping workers	8.25	9.00	10.00	12.40	14.00
Personal care and service occupations	7.34	8.40	10.84	14.49	23.14
First-line supervisors/managers of personal service workers	11.69	12.97	16.40	21.69	24.39
Nonfarm animal caretakers	8.00	8.25	9.63	10.85	17.98
Miscellaneous entertainment attendants and related workers	8.00	10.45	12.74	12.74	13.17
Amusement and recreation attendants	8.50	12.74	12.74	12.74	12.74
Locker room, coatroom, and dressing room attendants	7.87	8.00	12.18	13.27	15.75

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					
Barbers and cosmetologists	\$7.34	\$11.11	\$18.25	\$23.14	\$28.17
Hairdressers, hairstylists, and cosmetologists	7.34	11.11	18.25	23.14	28.17
Baggage porters, bellhops, and concierges	4.85	8.00	12.50	13.70	14.35
Transportation attendants	20.23	37.97	41.75	49.28	49.28
Flight attendants	37.97	37.97	41.75	49.28	49.28
Child care workers	7.00	7.50	8.73	10.00	11.37
Personal and home care aides	9.00	9.50	10.75	11.00	11.35
Recreation and fitness workers	8.55	10.22	11.94	19.75	23.21
Recreation workers	8.48	9.30	11.33	17.47	22.46
Sales and related occupations					
First-line supervisors/managers, sales workers	8.32	9.81	13.13	19.44	32.99
First-line supervisors/managers of retail sales workers	10.89	13.00	17.06	21.82	31.68
First-line supervisors/managers of retail sales workers	10.80	12.81	16.90	19.23	26.83
First-line supervisors/managers of non-retail sales workers ...	11.73	15.95	24.28	33.66	35.81
Retail sales workers	7.75	8.73	10.38	13.24	17.40
Cashiers, all workers	7.50	8.24	9.15	10.83	12.70
Cashiers	7.50	8.24	9.15	10.82	12.70
Counter and rental clerks and parts salespersons	9.00	9.80	12.25	16.50	18.75
Counter and rental clerks	8.00	9.74	9.81	12.00	15.41
Parts salespersons	11.35	13.50	16.31	18.70	24.95
Retail salespersons	8.07	9.55	11.60	15.00	19.85
Advertising sales agents	8.00	13.01	26.84	42.77	43.68
Insurance sales agents	12.00	17.32	21.01	38.46	47.85
Securities, commodities, and financial services sales agents	17.69	24.04	31.70	52.89	105.25
Travel agents	10.73	10.73	10.73	12.93	17.86
Sales representatives, wholesale and manufacturing	15.15	18.75	25.30	35.25	43.94
Sales representatives, wholesale and manufacturing, technical and scientific products	17.27	21.95	28.85	47.90	67.31
Sales representatives, wholesale and manufacturing, except technical and scientific products	14.31	18.50	24.35	33.57	41.37
Real estate brokers and sales agents	10.70	11.38	15.80	21.63	24.81
Real estate sales agents	10.70	11.38	15.80	21.63	24.81
Sales engineers	18.08	23.87	30.76	34.16	34.16
Telemarketers	8.75	10.25	14.50	15.67	25.26
Miscellaneous sales and related workers	9.00	11.63	15.72	21.54	28.96
Office and administrative support occupations					
First-line supervisors/managers of office and administrative support workers	10.00	11.87	14.49	18.06	22.04
First-line supervisors/managers of office and administrative support workers	14.42	17.50	20.86	24.45	29.33
Switchboard operators, including answering service	8.58	9.60	11.00	12.92	15.49
Telephone operators	9.00	9.00	11.93	12.00	20.79
Financial clerks	10.50	12.15	14.96	17.77	20.66
Bill and account collectors	11.52	13.09	15.13	17.02	19.00
Billing and posting clerks and machine operators	11.07	13.00	15.00	17.61	19.75
Bookkeeping, accounting, and auditing clerks	10.71	12.75	15.53	18.37	22.36

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	\$12.05	\$15.67	\$17.34	\$20.24	\$22.97
Procurement clerks	11.75	13.50	16.56	19.50	24.36
Tellers	10.00	10.48	12.00	14.34	15.85
Brokerage clerks	11.00	12.88	13.37	15.98	22.25
Court, municipal, and license clerks	11.94	13.13	14.64	17.91	23.64
Credit authorizers, checkers, and clerks	10.58	11.06	14.38	17.87	20.81
Customer service representatives	11.00	12.14	14.00	17.50	20.91
Eligibility interviewers, government programs	11.56	13.55	16.72	19.45	21.41
File clerks	8.30	10.00	11.33	12.60	15.99
Hotel, motel, and resort desk clerks	8.25	9.00	10.00	10.85	12.25
Interviewers, except eligibility and loan	7.00	8.75	12.51	14.50	15.76
Library assistants, clerical	10.14	11.61	13.67	13.80	16.15
Loan interviewers and clerks	11.87	13.00	16.04	17.82	19.98
New accounts clerks	12.98	13.93	15.03	15.86	17.20
Order clerks	9.40	10.83	14.93	18.80	21.51
Human resources assistants, except payroll and timekeeping	10.40	13.00	15.65	17.78	23.61
Receptionists and information clerks	9.00	10.09	12.07	13.94	16.00
Reservation and transportation ticket agents and travel clerks	8.97	9.76	13.46	17.82	18.53
Dispatchers	10.02	12.64	16.70	19.32	23.43
Police, fire, and ambulance dispatchers	11.55	12.64	14.40	17.08	19.42
Dispatchers, except police, fire, and ambulance	9.48	13.48	18.39	20.47	24.55
Meter readers, utilities	10.00	11.09	14.28	17.49	19.21
Production, planning, and expediting clerks	14.13	16.09	18.27	22.78	24.76
Shipping, receiving, and traffic clerks	8.95	10.15	12.53	15.26	18.75
Stock clerks and order fillers	8.00	9.70	11.55	13.50	16.17
Weighers, measurers, checkers, and samplers, recordkeeping	7.53	10.00	12.89	15.90	21.42
Secretaries and administrative assistants	11.39	13.40	16.20	20.92	26.68
Executive secretaries and administrative assistants	13.22	15.71	19.80	24.47	29.14
Legal secretaries	12.00	15.63	20.16	28.18	33.11
Medical secretaries	8.96	11.28	13.16	15.46	17.70
Secretaries, except legal, medical, and executive	11.26	12.98	15.00	17.96	21.07
Computer operators	12.50	13.41	15.61	19.50	24.07
Data entry and information processing workers	9.84	11.92	14.35	17.28	19.45
Data entry keyers	9.90	11.92	14.33	16.93	18.78
Word processors and typists	9.80	11.42	15.11	17.28	25.30
Insurance claims and policy processing clerks	11.22	13.55	15.01	17.76	21.86
Mail clerks and mail machine operators, except postal service	8.00	8.75	10.65	12.43	15.00
Office clerks, general	10.00	11.54	13.97	16.33	20.00
Office machine operators, except computer	9.14	10.90	13.00	13.09	14.81
Farming, fishing, and forestry occupations	7.00	7.00	8.50	13.34	21.23
Construction and extraction occupations	10.00	12.00	15.00	20.00	25.00
First-line supervisors/managers of construction trades and extraction workers	17.41	20.00	24.99	27.50	35.24

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	\$9.75	\$15.00	\$21.22	\$21.27	\$26.10
Brickmasons and blockmasons	9.75	18.00	21.22	21.27	26.10
Carpenters	12.00	14.00	16.95	21.00	25.75
Cement masons, concrete finishers, and terrazzo workers	12.00	14.00	16.00	18.00	19.50
Cement masons and concrete finishers	12.00	14.00	16.00	18.00	19.50
Construction laborers	8.50	10.00	11.00	13.00	15.02
Construction equipment operators	10.97	13.00	14.56	17.00	19.00
Paving, surfacing, and tamping equipment operators	10.09	11.20	13.75	14.50	15.25
Operating engineers and other construction equipment operators	11.41	13.99	15.00	17.50	20.43
Drywall installers, ceiling tile installers, and tapers	13.52	13.52	17.00	20.90	23.07
Drywall and ceiling tile installers	13.52	13.52	17.00	20.90	23.07
Electricians	12.25	15.00	18.30	21.50	34.30
Glaziers	12.00	15.00	19.50	22.00	25.00
Painters and paperhangers	10.00	11.50	13.31	14.00	18.14
Painters, construction and maintenance	10.00	12.00	13.31	14.00	18.02
Pipelayers, plumbers, pipefitters, and steamfitters	12.50	14.00	18.00	20.30	24.25
Pipelayers	10.00	10.68	13.79	14.24	16.50
Plumbers, pipefitters, and steamfitters	13.00	15.00	18.50	20.30	24.25
Roofers	9.00	10.00	11.59	17.00	23.13
Sheet metal workers	12.00	14.50	16.80	19.00	28.00
Helpers, construction trades	8.40	10.00	11.00	12.89	14.67
Helpers--carpenters	9.00	10.00	11.20	12.50	15.40
Helpers--electricians	10.00	10.25	12.50	13.21	14.50
Helpers--pipelayers, plumbers, pipefitters, and steamfitters ...	8.90	10.00	11.50	13.50	16.00
Construction and building inspectors	15.97	18.19	21.85	25.00	30.55
Highway maintenance workers	11.14	12.00	13.24	16.41	18.39
Septic tank servicers and sewer pipe cleaners	12.49	13.36	14.27	16.26	25.01
Miscellaneous construction and related workers	10.81	16.00	18.00	20.50	21.49
Mining machine operators	20.50	20.50	22.00	28.91	37.79
Installation, maintenance, and repair occupations	11.33	14.06	18.42	24.48	29.62
First-line supervisors/managers of mechanics, installers, and repairers	18.05	21.37	25.83	31.22	35.38
Computer, automated teller, and office machine repairers	13.22	15.94	18.37	19.23	23.26
Radio and telecommunications equipment installers and repairers	21.00	25.20	28.38	30.56	32.50
Telecommunications equipment installers and repairers, except line installers	21.00	25.20	28.38	30.56	32.50
Miscellaneous electrical and electronic equipment mechanics, installers, and repairers	13.00	15.25	18.00	23.00	30.96
Electrical and electronics repairers, commercial and industrial equipment	12.82	15.56	18.45	22.10	30.94
Electrical and electronics repairers, powerhouse, substation, and relay	27.11	27.91	30.38	32.17	32.17

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					
Electronic home entertainment equipment installers and repairers	\$13.00	\$13.74	\$17.00	\$17.50	\$18.33
Security and fire alarm systems installers	16.00	17.32	18.54	23.39	34.62
Aircraft mechanics and service technicians	13.75	19.11	25.68	28.61	39.46
Automotive technicians and repairers	9.50	13.00	17.78	23.00	28.75
Automotive body and related repairers	11.84	12.50	17.00	22.91	28.41
Automotive service technicians and mechanics	8.75	13.00	17.47	24.00	28.80
Bus and truck mechanics and diesel engine specialists	12.71	14.25	17.69	21.50	25.00
Heavy vehicle and mobile equipment service technicians and mechanics	15.45	17.03	21.00	22.55	23.52
Mobile heavy equipment mechanics, except engines	15.45	17.03	21.38	22.77	23.52
Small engine mechanics	10.00	11.00	12.00	25.00	30.00
Motorboat mechanics	10.00	10.45	11.50	17.00	27.00
Miscellaneous vehicle and mobile equipment mechanic, installers, and repairers	5.88	7.50	10.00	11.55	15.00
Tire repairers and changers	5.88	7.50	9.91	10.50	14.55
Control and valve installers and repairers	12.07	12.22	18.00	21.00	23.90
Control and valve installers and repairers, except mechanical door	12.22	16.21	19.37	21.98	24.24
Heating, air conditioning, and refrigeration mechanics and installers	12.00	15.00	17.35	23.50	30.61
Home appliance repairers	14.10	14.10	14.10	15.44	16.45
Industrial machinery installation, repair, and maintenance workers	12.22	14.19	17.55	21.64	27.50
Industrial machinery mechanics	14.38	17.00	20.21	24.17	29.89
Maintenance and repair workers, general	10.96	13.00	16.16	19.41	25.45
Maintenance workers, machinery	13.09	14.10	15.81	21.74	26.88
Millwrights	17.57	21.00	23.31	25.06	28.91
Line installers and repairers	16.50	20.00	26.49	28.76	30.62
Electrical power-line installers and repairers	16.15	18.04	24.00	28.81	31.28
Telecommunications line installers and repairers	17.00	23.59	26.49	28.38	30.36
Miscellaneous installation, maintenance, and repair workers	9.25	10.73	12.76	15.62	19.37
Helpers--installation, maintenance, and repair workers	8.83	10.50	12.00	13.38	15.62
Production occupations	8.78	10.65	13.93	17.82	23.71
First-line supervisors/managers of production and operating workers	13.75	16.67	20.92	27.50	35.55
Electrical, electronics, and electromechanical assemblers	8.34	10.50	12.06	14.19	17.60
Electrical and electronic equipment assemblers	8.34	10.24	11.88	14.11	17.16
Electromechanical equipment assemblers	10.28	11.37	12.92	17.40	17.62
Engine and other machine assemblers	7.50	14.60	14.66	17.75	27.37
Miscellaneous assemblers and fabricators	8.08	10.60	13.02	15.35	23.41
Team assemblers	11.00	12.00	13.83	14.90	29.44
Bakers	8.75	10.30	12.31	12.80	14.00
Butchers and other meat, poultry, and fish processing workers ..	8.40	9.50	10.20	13.00	16.25

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
Production occupations –Continued					
Butchers and meat cutters	\$9.25	\$12.36	\$15.00	\$16.50	\$17.08
Meat, poultry, and fish cutters and trimmers	8.90	9.37	9.80	10.14	12.00
Miscellaneous food processing workers	7.00	7.75	11.62	12.42	15.74
Food batchmakers	7.35	8.10	13.00	15.74	15.74
Computer control programmers and operators	11.95	15.21	17.45	20.23	20.23
Computer-controlled machine tool operators, metal and plastic	11.84	14.00	17.36	18.50	20.23
Forming machine setters, operators, and tenders, metal and plastic	13.16	13.67	16.55	18.89	23.09
Extruding and drawing machine setters, operators, and tenders, metal and plastic	13.16	13.67	16.14	18.28	19.66
Machine tool cutting setters, operators, and tenders, metal and plastic	7.99	10.00	12.40	14.90	17.44
Cutting, punching, and press machine setters, operators, and tenders, metal and plastic	7.63	9.06	10.88	13.47	16.00
Grinding, lapping, polishing, and buffing machine tool setters, operators, and tenders, metal and plastic	10.00	11.62	13.41	15.23	16.99
Lathe and turning machine tool setters, operators, and tenders, metal and plastic	9.50	12.50	15.34	17.44	18.83
Machinists	14.20	16.75	20.24	22.50	25.14
Molders and molding machine setters, operators, and tenders, metal and plastic	9.50	11.19	13.42	14.06	16.94
Molding, coremaking, and casting machine setters, operators, and tenders, metal and plastic	9.50	11.19	13.42	14.06	16.94
Multiple machine tool setters, operators, and tenders, metal and plastic	12.65	13.04	15.99	16.71	20.64
Tool and die makers	16.91	18.50	20.23	26.02	26.02
Welding, soldering, and brazing workers	12.84	15.00	17.72	20.00	26.39
Welders, cutters, solderers, and brazers	12.84	15.83	18.00	20.68	30.08
Welding, soldering, and brazing machine setters, operators, and tenders	12.75	13.81	16.10	18.99	22.00
Miscellaneous metalworkers and plastic workers	10.00	10.50	13.28	18.25	23.50
Plating and coating machine setters, operators, and tenders, metal and plastic	10.06	10.06	12.00	14.05	30.72
Bookbinders and bindery workers	7.00	8.00	11.00	19.00	23.87
Bindery workers	7.00	8.00	11.00	19.00	23.87
Printers	9.00	11.33	15.00	20.25	23.87
Prepress technicians and workers	7.50	13.50	20.30	22.43	24.17
Printing machine operators	9.00	11.07	14.12	18.11	23.78
Laundry and dry-cleaning workers	7.45	7.50	9.25	10.75	14.88
Pressers, textile, garment, and related materials	6.75	7.00	7.50	9.50	12.11
Sewing machine operators	8.47	9.25	14.07	16.61	16.61
Textile machine setters, operators, and tenders	9.66	10.38	12.21	13.90	15.44
Textile bleaching and dyeing machine operators and tenders	8.50	9.50	11.07	12.12	13.50
Textile cutting machine setters, operators, and tenders	7.08	8.03	12.33	12.35	12.35

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 knitting and weaving machine setters, operators, and tenders	\$10.35	\$12.46	\$13.54	\$14.50	\$15.45
Textile winding, twisting, and drawing out machine setters, operators, and tenders	9.66	10.35	11.68	12.97	16.25
Miscellaneous textile, apparel, and furnishings workers	8.90	10.75	15.76	18.95	21.19
Extruding and forming machine setters, operators, and tenders, synthetic and glass fibers	12.18	13.57	18.62	19.55	19.55
Upholsterers	9.25	15.24	15.76	19.76	25.47
Cabinetmakers and bench carpenters	10.00	15.00	15.00	16.00	26.07
Woodworking machine setters, operators, and tenders	9.50	11.00	14.59	16.75	19.00
Sawing machine setters, operators, and tenders, wood	9.50	10.00	12.00	14.63	17.00
Woodworking machine setters, operators, and tenders, except sawing	9.77	13.35	14.98	18.00	19.16
Power plant operators, distributors, and dispatchers	14.27	22.71	29.08	37.12	37.12
Power plant operators	13.91	16.00	25.27	29.08	30.58
Water and liquid waste treatment plant and system operators	12.71	15.10	16.82	20.86	24.61
Miscellaneous plant and system operators	14.75	17.60	20.70	24.34	25.83
Chemical plant and system operators	14.75	16.00	17.74	24.50	25.83
Chemical processing machine setters, operators, and tenders	11.25	16.39	21.25	24.67	30.31
Chemical equipment operators and tenders	11.50	16.50	21.49	24.67	30.31
Separating, filtering, clarifying, precipitating, and still machine setters, operators, and tenders	10.72	15.23	21.25	21.25	25.06
Crushing, grinding, polishing, mixing, and blending workers	9.00	10.75	13.37	18.99	23.17
Crushing, grinding, and polishing machine setters, operators, and tenders	11.96	15.30	16.60	27.69	29.28
Grinding and polishing workers, hand	9.50	10.00	10.75	11.84	13.00
Mixing and blending machine setters, operators, and tenders	9.00	10.75	14.43	21.18	24.71
Cutting workers	10.00	10.83	12.50	15.98	18.45
Cutters and trimmers, hand	9.21	12.21	13.23	16.35	20.75
Cutting and slicing machine setters, operators, and tenders	10.00	10.71	12.50	15.00	18.13
Extruding, forming, pressing, and compacting machine setters, operators, and tenders	8.80	8.80	9.50	15.02	26.81
Furnace, kiln, oven, drier, and kettle operators and tenders	12.60	12.84	16.10	16.10	36.79
Inspectors, testers, sorters, samplers, and weighers	8.83	10.25	12.73	16.00	18.40
Medical, dental, and ophthalmic laboratory technicians	11.00	13.67	17.00	20.26	22.00
Dental laboratory technicians	11.00	14.00	17.55	20.26	22.00
Packaging and filling machine operators and tenders	9.95	12.10	14.78	17.73	19.40
Painting workers	9.86	11.44	17.05	19.00	25.90
Coating, painting, and spraying machine setters, operators, and tenders	9.64	11.44	14.10	17.11	18.45
Painters, transportation equipment	15.69	18.00	22.47	25.90	34.23
Miscellaneous production workers	8.25	9.84	13.00	16.76	22.64
Molders, shapers, and casters, except metal and plastic	12.73	14.00	14.00	15.54	18.28
Paper goods machine setters, operators, and tenders	13.26	14.87	16.79	21.30	23.02
Tire builders	14.10	14.42	22.09	22.09	23.16

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					
Helpers--production workers	\$7.23	\$8.22	\$10.03	\$14.81	\$19.21
Transportation and material moving occupations					
First-line supervisors/managers of helpers, laborers, and material movers, hand	8.50	10.05	13.06	17.52	22.23
First-line supervisors/managers of transportation and material-moving machine and vehicle operators	9.80	16.67	19.38	23.30	28.21
Aircraft pilots and flight engineers	15.56	17.94	23.08	25.38	29.00
Airline pilots, copilots, and flight engineers	25.23	32.44	146.61	151.43	158.89
Bus drivers	85.29	146.61	146.61	151.43	158.89
Bus drivers, transit and intercity	9.24	11.02	14.32	16.22	20.53
Bus drivers, school	8.20	9.46	15.24	15.24	21.73
Driver/sales workers and truck drivers	9.66	11.30	13.90	16.27	20.15
Driver/sales workers	10.00	12.00	15.19	19.83	24.08
Truck drivers, heavy and tractor-trailer	7.58	10.00	12.09	19.08	22.83
Truck drivers, light or delivery services	11.40	13.00	15.85	19.83	22.15
Parking lot attendants	9.00	10.00	14.00	20.30	28.17
Service station attendants	6.46	6.46	8.65	9.20	9.61
Crane and tower operators	8.00	8.70	8.70	10.00	13.22
Dredge, excavating, and loading machine operators	18.00	20.00	23.84	24.25	26.50
Excavating and loading machine and dragline operators	11.00	12.74	17.62	18.50	19.50
Industrial truck and tractor operators	11.00	12.71	17.62	18.50	19.50
Laborers and material movers, hand	9.57	11.73	14.07	16.95	22.11
Cleaners of vehicles and equipment	7.73	8.75	10.27	12.94	15.32
Laborers and freight, stock, and material movers, hand	7.00	8.00	9.80	11.00	15.05
Machine feeders and offbearers	8.00	9.00	10.84	13.38	16.25
Packers and packagers, hand	8.00	9.00	11.00	12.01	13.55
Refuse and recyclable material collectors	7.00	8.28	10.10	11.22	13.52
	10.92	11.88	13.27	14.74	16.35

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.