

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	\$9.44	\$12.00	\$17.00	\$25.91	\$38.46
Management occupations	20.66	26.94	38.42	52.89	69.71
Chief executives	21.84	24.02	88.10	103.85	137.09
General and operations managers	19.23	28.07	38.46	54.81	79.81
Advertising and promotions managers	16.93	19.47	28.06	41.47	60.10
Marketing and sales managers	26.68	33.28	43.27	54.09	85.54
Marketing managers	27.31	33.78	39.83	50.48	65.92
Sales managers	26.43	32.51	46.11	54.09	100.47
Public relations managers	14.97	20.83	26.90	35.27	49.97
Administrative services managers	19.56	23.44	28.14	35.10	38.81
Computer and information systems managers	30.49	40.77	51.15	64.90	75.24
Financial managers	21.31	27.40	37.75	55.42	71.30
Human resources managers	24.88	29.96	38.20	57.69	74.87
Compensation and benefits managers	24.88	29.17	29.96	35.75	64.47
Training and development managers	35.95	43.46	57.69	74.87	101.44
Industrial production managers	24.70	33.38	40.36	53.60	66.80
Purchasing managers	23.33	28.85	32.79	49.09	66.63
Transportation, storage, and distribution managers	26.30	33.92	38.84	47.12	57.69
Construction managers	21.88	25.86	33.85	46.49	58.34
Education administrators	20.50	26.33	38.28	48.73	57.99
Education administrators, elementary and secondary school ..	32.03	34.35	41.82	51.59	58.35
Education administrators, postsecondary	19.25	21.89	28.16	46.15	67.50
Engineering managers	37.14	48.60	57.12	63.35	70.76
Food service managers	18.27	20.49	21.24	27.69	30.50
Medical and health services managers	15.39	24.42	35.70	44.95	54.09
Natural sciences managers	24.52	29.22	48.06	64.69	78.79
Property, real estate, and community association managers	17.31	21.64	24.27	31.97	44.47
Social and community service managers	20.48	22.58	30.26	36.46	42.02
Business and financial operations occupations	17.53	21.63	27.73	36.63	48.82
Buyers and purchasing agents	18.95	21.58	25.82	33.47	37.98
Wholesale and retail buyers, except farm products	17.88	21.21	23.32	29.91	36.78
Purchasing agents, except wholesale, retail, and farm products	19.47	21.64	26.00	33.67	37.93
Claims adjusters, appraisers, examiners, and investigators	18.22	20.67	25.80	32.21	43.75
Claims adjusters, examiners, and investigators	18.22	20.67	25.72	32.60	43.75
Compliance officers, except agriculture, construction, health and safety, and transportation	13.15	19.30	28.96	36.25	44.73
Cost estimators	21.35	24.05	30.58	49.47	57.69
Human resources, training, and labor relations specialists	15.20	19.47	26.35	35.34	47.36
Employment, recruitment, and placement specialists	14.89	15.38	20.60	32.34	39.66
Compensation, benefits, and job analysis specialists	20.27	23.48	28.40	34.01	35.82
Training and development specialists	12.88	19.71	28.92	40.90	45.97
Logisticians	20.09	26.33	34.30	42.99	49.23
Management analysts	18.99	24.13	36.31	53.41	61.66
Meeting and convention planners	20.30	27.81	36.64	42.31	42.31

See footnotes at end of table.

Table 9

Full-time civilian workers: Hourly wage percentiles¹ — Continued

Occupation ²	Wages fall at or below the following percentiles				
	10	25	50	75	90
Business and financial operations occupations –Continued					
Accountants and auditors	\$17.43	\$22.51	\$26.92	\$33.41	\$45.01
Appraisers and assessors of real estate	10.62	17.29	19.48	27.00	38.46
Budget analysts	20.00	23.06	28.44	32.75	41.76
Credit analysts	20.07	21.64	22.80	31.84	55.35
Financial analysts and advisors	20.96	25.64	32.87	44.36	54.41
Financial analysts	24.04	25.64	35.83	47.30	48.60
Personal financial advisors	18.27	25.00	32.00	46.49	60.10
Insurance underwriters	18.12	22.60	26.84	34.87	49.52
Loan counselors and officers	18.89	23.43	28.85	33.67	51.66
Loan officers	18.89	21.64	28.85	32.75	54.70
Tax examiners, collectors, preparers, and revenue agents	12.76	12.76	13.66	17.13	19.59
Tax examiners, collectors, and revenue agents	12.76	12.76	13.66	17.13	19.65
Computer and mathematical science occupations					
Computer and information scientists, research	20.34	26.57	36.41	46.45	56.37
Computer programmers	38.46	43.83	48.65	62.40	71.11
Computer software engineers	18.55	25.48	29.15	39.90	46.63
Computer software engineers, applications	27.89	36.06	43.55	53.86	59.05
Computer software engineers, systems software	27.89	36.06	43.27	52.81	56.57
Computer software engineers, systems software	27.18	36.41	43.88	56.75	67.64
Computer support specialists	17.25	19.74	23.59	29.52	38.49
Computer systems analysts	24.04	32.11	39.34	46.63	52.46
Database administrators	21.42	22.52	34.62	50.60	63.64
Network and computer systems administrators	23.45	29.90	36.06	42.79	48.08
Network systems and data communications analysts	20.42	23.08	32.32	45.67	51.28
Operations research analysts	22.26	28.27	33.28	52.87	60.10
Statisticians	16.76	22.19	36.25	37.69	65.52
Architecture and engineering occupations					
Architects, except naval	20.20	24.81	32.09	42.31	52.46
Architects, except landscape and naval	21.42	26.17	34.47	49.71	72.12
Architects, except landscape and naval	20.66	26.17	36.03	48.27	65.82
Surveyors, cartographers, and photogrammetrists	19.88	19.92	23.55	25.33	29.42
Engineers	25.57	30.33	38.78	46.84	56.62
Aerospace engineers	25.00	37.50	41.70	47.84	53.17
Civil engineers	25.00	28.28	37.07	43.93	51.45
Computer hardware engineers	32.69	41.94	52.88	63.46	73.49
Electrical and electronics engineers	26.37	29.84	35.92	44.71	51.35
Electrical engineers	23.27	27.37	33.51	47.83	55.00
Electronics engineers, except computer	26.97	32.12	37.03	43.94	47.31
Environmental engineers	24.36	26.68	29.81	35.96	43.86
Industrial engineers, including health and safety	21.31	29.59	36.78	46.24	57.06
Industrial engineers	20.92	25.82	31.53	41.59	46.24
Materials engineers	27.28	30.25	36.40	36.88	41.12
Mechanical engineers	23.41	27.53	35.51	41.59	51.06
Nuclear engineers	29.61	38.21	38.97	43.94	48.45
Drafters	15.74	21.38	23.76	31.25	36.54

See footnotes at end of table.

Table 9

Full-time civilian workers: Hourly wage percentiles¹ — Continued

Occupation ²	Wages fall at or below the following percentiles				
	10	25	50	75	90
Architecture and engineering occupations –Continued					
Architectural and civil drafters	\$16.90	\$21.97	\$25.86	\$35.93	\$36.54
Mechanical drafters	23.58	23.58	23.76	26.77	33.15
Engineering technicians, except drafters	17.37	21.39	24.17	29.41	33.56
Civil engineering technicians	12.96	12.96	18.95	22.50	25.89
Electrical and electronic engineering technicians	20.19	22.48	25.59	30.68	32.25
Mechanical engineering technicians	16.32	22.37	28.91	42.31	42.31
Surveying and mapping technicians	10.20	17.39	18.11	20.20	23.14
Life, physical, and social science occupations					
Life scientists	17.18	22.33	27.49	37.86	49.09
Biological scientists	21.99	23.95	35.57	43.99	54.05
Medical scientists	22.33	22.33	41.61	42.32	45.76
Physical scientists	19.87	26.02	37.86	44.08	66.22
Chemists and materials scientists	18.27	22.67	28.76	36.21	49.09
Chemists	20.68	23.79	31.74	37.02	55.12
Environmental scientists and geoscientists	18.50	22.60	28.61	34.21	37.04
Environmental scientists and specialists, including health ..	17.25	21.01	27.99	35.12	39.92
Market and survey researchers	16.44	20.19	24.99	33.19	36.63
Market research analysts	19.35	25.13	28.99	44.67	64.90
Psychologists	19.23	24.36	27.60	36.10	50.43
Clinical, counseling, and school psychologists	23.56	25.22	29.35	41.16	47.32
Urban and regional planners	23.56	25.22	29.35	41.16	47.32
Miscellaneous social scientists and related workers	21.54	22.40	25.17	30.00	36.29
Biological technicians	22.26	24.65	26.73	57.69	64.99
Chemical technicians	15.32	16.35	19.71	25.48	28.73
Miscellaneous life, physical, and social science technicians	14.78	15.80	19.84	25.56	28.79
Miscellaneous life, physical, and social science technicians	9.00	11.13	15.65	25.09	29.28
Community and social services occupations					
Counselors	13.09	15.67	18.55	22.94	28.99
Substance abuse and behavioral disorder counselors	14.51	18.25	20.14	25.48	35.04
Educational, vocational, and school counselors	12.64	14.90	18.27	20.55	21.39
Mental health counselors	18.17	20.08	25.43	32.45	41.37
Rehabilitation counselors	17.93	18.55	18.55	20.06	22.39
Social workers	11.65	14.90	17.63	21.42	27.78
Child, family, and school social workers	14.49	16.11	18.33	23.34	28.17
Medical and public health social workers	13.38	15.14	17.61	24.45	28.93
Mental health and substance abuse social workers	15.28	17.34	22.31	25.74	29.65
Miscellaneous community and social service specialists	13.46	17.07	19.58	21.28	24.04
Health educators	10.56	13.47	15.82	18.93	22.00
Probation officers and correctional treatment specialists	12.91	15.39	18.35	22.31	24.95
Social and human service assistants	14.11	16.10	17.66	21.69	24.81
Social and human service assistants	9.44	11.38	14.57	16.12	20.00
Legal occupations					
Lawyers	16.00	19.27	28.85	40.87	72.12
Judges, magistrates, and other judicial workers	22.60	30.00	43.27	70.92	88.86
Judges, magistrates, and other judicial workers	9.74	18.59	20.71	64.73	64.73

See footnotes at end of table.

Table 9

Full-time civilian workers: Hourly wage percentiles¹ — Continued

Occupation ²	Wages fall at or below the following percentiles				
	10	25	50	75	90
Legal occupations –Continued					
Paralegals and legal assistants	\$13.32	\$17.31	\$20.90	\$28.85	\$34.62
Miscellaneous legal support workers	15.48	16.01	21.64	23.75	24.92
Education, training, and library occupations					
Postsecondary teachers	13.11	22.00	29.34	37.12	46.62
Business teachers, postsecondary	25.04	31.65	39.90	50.31	65.77
Math and computer teachers, postsecondary	36.23	48.08	50.31	58.50	61.44
Mathematical science teachers, postsecondary	25.34	33.32	40.41	52.93	63.18
Engineering and architecture teachers, postsecondary	32.54	33.32	40.39	46.51	52.52
Engineering teachers, postsecondary	37.91	39.52	52.89	92.72	92.72
Life sciences teachers, postsecondary	37.91	39.52	52.89	92.72	92.72
Biological science teachers, postsecondary	26.44	33.27	36.99	51.13	63.92
Physical sciences teachers, postsecondary	26.36	31.65	38.75	50.94	65.18
Chemistry teachers, postsecondary	32.12	36.96	45.48	51.16	57.63
Social sciences teachers, postsecondary	35.39	36.96	46.33	54.18	59.68
Psychology teachers, postsecondary	36.07	40.96	45.38	54.68	65.90
Health teachers, postsecondary	31.73	43.56	44.14	44.37	48.11
Health specialties teachers, postsecondary	28.68	32.08	41.37	69.77	102.56
Nursing instructors and teachers, postsecondary	32.50	39.63	51.00	98.25	107.69
Education and library science teachers, postsecondary	28.31	28.68	34.09	41.37	46.04
Education teachers, postsecondary	25.04	26.83	31.93	41.55	49.20
Arts, communications, and humanities teachers, postsecondary	25.04	26.83	31.93	41.55	49.20
Art, drama, and music teachers, postsecondary	26.27	34.00	38.84	52.60	68.01
English language and literature teachers, postsecondary	23.84	25.80	34.82	38.52	42.27
Foreign language and literature teachers, postsecondary	26.12	31.28	40.81	45.76	56.78
History teachers, postsecondary	29.81	32.64	38.44	38.84	45.19
Philosophy and religion teachers, postsecondary	34.00	36.23	55.83	69.14	74.38
Miscellaneous postsecondary teachers	25.00	33.45	38.39	60.70	60.70
Primary, secondary, and special education school teachers	20.00	24.85	33.33	44.34	55.26
Preschool and kindergarten teachers	21.86	25.92	30.54	36.22	43.56
Preschool teachers, except special education	12.93	13.82	23.68	32.08	41.67
Kindergarten teachers, except special education	11.00	13.62	13.82	15.35	27.91
Elementary and middle school teachers	23.37	25.68	29.97	37.61	45.35
Elementary school teachers, except special education	22.80	26.08	30.52	36.23	42.43
Middle school teachers, except special and vocational education	22.45	25.92	30.06	36.32	42.43
Secondary school teachers	23.82	26.25	31.49	35.95	42.36
Secondary school teachers, except special and vocational education	23.37	27.02	30.54	36.78	45.44
Vocational education teachers, secondary school	24.00	27.47	30.54	37.17	45.87
Special education teachers	18.27	25.01	28.11	35.20	41.40
Special education teachers, preschool, kindergarten, and elementary school	23.27	26.46	31.24	37.45	45.74
Special education teachers, middle school	22.78	25.87	31.50	39.57	47.55
Special education teachers, middle school	20.31	26.31	31.81	35.73	38.75

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
Education, training, and library occupations –Continued					
Special education teachers, secondary school	\$24.92	\$29.47	\$31.24	\$31.24	\$43.76
Other teachers and instructors	12.00	18.84	24.84	30.51	36.82
Librarians	20.15	22.46	29.41	37.44	46.98
Library technicians	11.96	12.99	14.41	16.15	18.40
Instructional coordinators	24.04	25.72	32.62	40.60	78.51
Teacher assistants	10.30	11.55	12.80	15.33	16.89
Arts, design, entertainment, sports, and media occupations					
Artists and related workers	14.15	16.98	22.52	32.01	46.64
Designers	14.50	16.65	16.98	34.30	50.35
Graphic designers	12.56	15.28	20.68	25.31	29.62
Actors, producers, and directors	14.00	17.31	20.68	25.31	26.00
Producers and directors	12.73	14.44	21.68	55.35	79.11
Athletes, coaches, umpires, and related workers	12.73	14.90	25.00	55.35	79.11
Coaches and scouts	12.00	13.74	24.10	34.52	36.79
News analysts, reporters and correspondents	12.00	13.74	24.10	34.52	36.79
Reporters and correspondents	17.90	21.44	28.85	31.25	36.49
Public relations specialists	16.59	21.44	28.85	31.25	31.25
Writers and editors	19.23	22.53	27.44	38.46	64.25
Editors	16.64	17.31	24.27	32.59	42.79
Technical writers	14.42	16.83	17.31	26.76	34.35
Writers and authors	20.06	23.50	28.27	36.32	42.79
Broadcast and sound engineering technicians and radio operators	19.00	25.72	28.85	33.17	48.72
Broadcast technicians	14.15	15.08	17.18	21.70	21.70
Photographers	14.15	15.08	17.18	21.70	21.70
Healthcare practitioner and technical occupations	14.31	15.39	18.28	18.28	22.55
Dietitians and nutritionists	13.50	18.46	24.56	30.52	38.10
Pharmacists	14.42	18.92	20.80	24.08	25.06
Physicians and surgeons	46.67	51.13	54.88	57.50	60.25
Physician assistants	23.76	28.76	80.11	132.48	156.25
Registered nurses	28.35	38.46	38.88	52.89	55.57
Therapists	21.68	24.48	27.99	31.85	36.45
Occupational therapists	19.43	25.21	30.19	35.22	38.82
Physical therapists	27.58	29.15	31.96	38.12	42.10
Respiratory therapists	21.05	31.06	34.38	38.50	40.00
Speech-language pathologists	19.88	21.85	25.37	29.34	32.55
Clinical laboratory technologists and technicians	26.44	30.28	33.77	35.93	43.36
Medical and clinical laboratory technologists	13.00	16.74	21.89	25.31	27.92
Medical and clinical laboratory technicians	14.81	21.04	23.52	26.64	28.85
Dental hygienists	12.98	15.00	17.13	20.77	24.90
Diagnostic related technologists and technicians	16.50	23.00	28.00	30.52	37.50
Cardiovascular technologists and technicians	16.38	21.19	26.52	31.42	35.84
Diagnostic medical sonographers	11.18	13.50	25.00	28.60	32.00
	17.00	26.98	33.86	41.69	41.69

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					
Nuclear medicine technologists	\$31.73	\$31.73	\$33.53	\$36.71	\$38.01
Radiologic technologists and technicians	18.03	20.62	25.00	28.48	32.73
Emergency medical technicians and paramedics	9.62	11.00	13.00	16.58	19.45
Health diagnosing and treating practitioner support technicians	9.66	11.95	14.90	19.23	21.74
Pharmacy technicians	10.50	11.80	14.00	16.61	21.30
Psychiatric technicians	8.30	9.66	11.95	13.16	15.29
Surgical technologists	13.21	16.46	19.44	20.92	23.58
Veterinary technologists and technicians	10.92	13.65	15.00	17.20	19.00
Licensed practical and licensed vocational nurses	12.10	14.60	18.19	20.68	23.28
Medical records and health information technicians	11.63	13.04	17.04	22.11	23.50
Miscellaneous health technologists and technicians	13.52	14.50	16.39	18.89	23.57
Occupational health and safety specialists and technicians	14.13	19.80	30.61	30.68	30.68
Occupational health and safety specialists	14.13	16.15	20.40	30.61	39.24
Healthcare support occupations					
Nursing, psychiatric, and home health aides	9.08	10.25	11.96	14.21	17.00
Home health aides	8.61	9.81	10.85	12.25	13.80
Nursing aides, orderlies, and attendants	8.00	9.31	10.00	10.97	12.15
Psychiatric aides	9.00	10.00	11.18	12.75	14.28
Physical therapist assistants and aides	9.00	10.00	11.62	11.95	12.14
Physical therapist assistants	8.00	12.09	14.00	17.25	28.00
Physical therapist aides	8.00	8.00	17.25	17.25	30.00
Miscellaneous healthcare support occupations	12.09	12.73	13.65	14.00	14.00
Dental assistants	10.14	11.50	13.65	16.01	18.35
Medical assistants	12.00	14.95	17.75	19.35	22.05
Medical equipment preparers	10.96	11.50	13.06	15.25	17.50
Medical transcriptionists	10.00	10.00	10.75	16.26	21.56
Pharmacy aides	13.29	13.73	15.12	15.57	17.64
Veterinary assistants and laboratory animal caretakers	7.62	9.55	13.65	14.28	17.00
9.67	10.31	10.75	12.00	13.00	
Protective service occupations					
First-line supervisors/managers, law enforcement workers	10.00	12.95	16.92	23.45	31.45
First-line supervisors/managers of correctional officers	17.85	22.49	33.05	44.35	50.54
First-line supervisors/managers of police and detectives	14.25	17.14	18.92	29.90	43.64
First-line supervisors/managers of fire fighting and prevention	20.90	26.51	34.77	45.83	51.20
workers	17.39	20.00	23.63	34.64	42.78
Fire fighters	12.08	14.34	17.66	22.40	29.15
Bailiffs, correctional officers, and jailers	12.77	13.82	15.20	18.05	21.92
Correctional officers and jailers	12.77	13.82	15.20	18.05	21.92
Detectives and criminal investigators	15.64	17.42	21.54	28.06	33.86
Police officers	15.19	17.66	22.30	27.69	33.63
Police and sheriff's patrol officers	15.19	17.66	22.30	27.69	33.63
Private detectives and investigators	16.95	19.71	23.93	29.67	30.58
Security guards and gaming surveillance officers	8.80	9.50	10.68	13.44	16.49
Security guards	8.80	9.50	10.68	13.44	16.49

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	\$3.79	\$7.25	\$8.84	\$11.44	\$14.31
First-line supervisors/managers, food preparation and serving workers	9.65	12.10	14.26	16.29	20.19
Chefs and head cooks	11.75	11.75	15.00	21.89	21.89
First-line supervisors/managers of food preparation and serving workers	9.38	12.10	13.93	16.16	19.42
Cooks	7.86	8.53	10.25	12.28	14.65
Cooks, fast food	7.25	7.63	8.31	10.00	12.00
Cooks, institution and cafeteria	8.58	9.54	11.44	13.29	15.65
Cooks, restaurant	8.00	8.50	10.50	12.75	14.75
Cooks, short order	7.75	9.00	10.00	11.00	12.64
Food preparation workers	8.25	8.53	10.00	12.00	13.40
Food service, tipped	2.13	2.33	4.23	5.24	8.72
Bartenders	3.50	4.19	5.00	6.00	9.00
Waiters and waitresses	2.13	2.15	3.79	4.23	4.46
Dining room and cafeteria attendants and bartender helpers ..	4.50	7.25	8.16	10.97	12.27
Fast food and counter workers	7.25	7.40	8.20	10.00	12.75
Combined food preparation and serving workers, including fast food	7.25	7.40	8.25	9.95	12.65
Counter attendants, cafeteria, food concession, and coffee shop	7.32	7.40	8.00	10.82	12.75
Food servers, nonrestaurant	4.70	6.15	8.20	10.35	16.34
Dishwashers	7.25	7.76	8.75	10.00	10.65
Hosts and hostesses, restaurant, lounge, and coffee shop	5.72	7.50	8.75	11.05	14.71
Building and grounds cleaning and maintenance occupations	8.00	9.00	10.65	12.76	16.19
First-line supervisors/managers, building and grounds cleaning and maintenance workers	12.63	15.00	17.31	20.28	22.50
First-line supervisors/managers of housekeeping and janitorial workers	11.50	14.47	17.31	18.43	20.62
First-line supervisors/managers of landscaping, lawn service, and groundskeeping workers	14.07	15.25	17.97	22.36	24.14
Building cleaning workers	7.73	8.50	10.01	12.05	13.81
Janitors and cleaners, except maids and housekeeping cleaners	7.80	9.00	10.65	12.53	14.12
Maids and housekeeping cleaners	7.50	8.18	9.00	10.51	12.92
Pest control workers	11.38	13.52	15.72	17.16	18.85
Grounds maintenance workers	8.50	9.50	10.91	12.92	15.98
Landscaping and groundskeeping workers	8.25	9.50	10.70	12.21	15.00
Personal care and service occupations	7.75	8.59	10.85	13.36	21.02
First-line supervisors/managers of personal service workers	11.39	12.37	16.44	18.50	22.57
Miscellaneous entertainment attendants and related workers	8.00	9.50	12.57	13.19	13.19
Amusement and recreation attendants	8.00	11.36	13.19	13.19	13.19
Locker room, coatroom, and dressing room attendants	8.23	8.75	10.00	11.93	16.34
Barbers and cosmetologists	7.50	8.53	19.10	21.02	33.78

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
Personal care and service occupations –Continued					
Hairdressers, hairstylists, and cosmetologists	\$7.50	\$8.53	\$19.10	\$21.02	\$33.78
Baggage porters, bellhops, and concierges	2.13	7.25	13.10	13.34	16.53
Transportation attendants	7.25	7.25	33.46	45.24	51.10
Flight attendants	39.05	39.90	45.24	51.10	51.10
Child care workers	7.75	8.33	9.68	10.92	12.99
Personal and home care aides	8.50	9.40	10.36	11.62	12.41
Recreation and fitness workers	9.13	11.10	16.69	22.35	24.13
Recreation workers	9.12	10.30	12.05	18.53	23.26
Sales and related occupations					
First-line supervisors/managers, sales workers	8.70	10.25	13.58	20.55	31.14
First-line supervisors/managers of retail sales workers	10.19	13.85	18.00	22.54	30.93
First-line supervisors/managers of non-retail sales workers ...	10.19	13.05	17.50	21.73	28.51
Retail sales workers	13.93	17.16	21.45	30.87	44.41
Cashiers, all workers	8.00	9.00	10.95	13.63	17.99
Cashiers	7.75	8.58	9.59	11.50	13.36
Counter and rental clerks and parts salespersons	7.75	8.58	9.60	11.50	13.36
Counter and rental clerks	8.50	9.55	13.66	17.50	22.90
Parts salespersons	7.75	8.50	9.55	13.73	24.91
Retail salespersons	10.00	12.81	15.50	19.64	22.90
Advertising sales agents	8.60	9.98	11.85	15.00	20.81
Insurance sales agents	12.66	15.15	31.14	35.92	44.66
Securities, commodities, and financial services sales agents	12.60	17.50	24.18	41.71	49.92
Travel agents	18.27	22.33	28.85	47.53	81.37
Sales representatives, wholesale and manufacturing	10.97	10.97	12.56	13.38	15.63
Sales representatives, wholesale and manufacturing,	13.19	16.08	22.60	35.79	50.78
technical and scientific products	15.65	19.23	29.32	49.45	61.73
Sales representatives, wholesale and manufacturing, except	13.00	15.75	21.08	28.09	37.07
technical and scientific products	11.34	12.46	13.00	24.04	55.37
Real estate brokers and sales agents	11.23	12.46	13.00	24.04	58.84
Telemarketers	11.00	11.30	12.74	16.80	24.20
Miscellaneous sales and related workers	9.60	12.79	17.13	23.25	29.35
Office and administrative support occupations					
First-line supervisors/managers of office and administrative	10.25	12.10	14.99	18.64	22.51
support workers	14.90	17.13	20.50	24.44	28.83
Telephone operators	9.00	9.00	10.05	12.05	19.41
Financial clerks	11.00	12.64	15.14	18.16	21.05
Bill and account collectors	10.29	12.39	14.08	16.80	19.26
Billing and posting clerks and machine operators	11.54	13.38	16.00	17.67	20.29
Bookkeeping, accounting, and auditing clerks	11.10	13.85	16.05	19.20	22.21
Payroll and timekeeping clerks	13.26	16.32	17.99	20.49	22.16
Procurement clerks	12.25	14.00	15.03	20.63	22.95
Tellers	10.39	11.37	12.44	13.89	16.35

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
Office and administrative support occupations –Continued					
Brokerage clerks	\$13.99	\$15.70	\$16.55	\$18.36	\$20.73
Court, municipal, and license clerks	11.64	12.68	14.73	17.80	23.47
Credit authorizers, checkers, and clerks	12.92	16.54	19.64	20.54	24.45
Customer service representatives	10.80	12.41	14.47	17.41	21.03
Eligibility interviewers, government programs	10.79	13.50	16.28	17.90	20.27
File clerks	8.81	9.75	11.56	12.90	17.50
Hotel, motel, and resort desk clerks	8.25	9.00	10.00	11.24	12.25
Interviewers, except eligibility and loan	7.50	11.44	14.07	16.13	17.34
Library assistants, clerical	10.48	11.62	13.93	14.52	16.72
Loan interviewers and clerks	12.00	12.70	14.52	18.13	23.08
New accounts clerks	11.71	13.50	15.60	16.69	19.23
Order clerks	10.75	11.55	14.15	18.66	22.60
Human resources assistants, except payroll and timekeeping	11.50	13.00	16.71	20.63	22.44
Receptionists and information clerks	9.03	10.57	12.40	14.47	16.76
Reservation and transportation ticket agents and travel clerks	9.99	11.29	15.02	19.35	19.84
Cargo and freight agents	14.89	15.44	18.41	22.66	23.75
Dispatchers	11.88	13.00	15.23	19.52	22.54
Police, fire, and ambulance dispatchers	11.84	12.78	14.88	17.38	20.49
Dispatchers, except police, fire, and ambulance	12.00	13.40	18.00	21.18	23.50
Meter readers, utilities	10.00	10.66	14.71	18.07	20.38
Production, planning, and expediting clerks	13.89	16.24	19.69	23.38	25.86
Shipping, receiving, and traffic clerks	9.30	10.80	13.10	15.95	19.39
Stock clerks and order fillers	8.50	9.98	11.80	13.82	17.23
Weighers, measurers, checkers, and samplers, recordkeeping	7.83	7.83	13.15	14.79	17.16
Secretaries and administrative assistants	11.85	13.93	17.31	21.64	26.73
Executive secretaries and administrative assistants	14.23	17.08	20.43	24.04	28.13
Legal secretaries	12.98	16.58	20.30	29.34	37.27
Medical secretaries	10.66	11.85	13.47	16.35	19.00
Secretaries, except legal, medical, and executive	11.00	13.23	15.74	18.75	20.97
Computer operators	13.77	15.76	18.78	23.54	25.57
Data entry and information processing workers	10.00	12.43	15.00	16.97	21.64
Data entry keyers	10.00	12.43	14.35	16.41	19.70
Word processors and typists	10.00	12.78	15.80	21.64	21.65
Desktop publishers	14.47	16.98	19.93	21.59	21.59
Insurance claims and policy processing clerks	11.25	14.05	16.95	20.19	23.76
Mail clerks and mail machine operators, except postal service	8.44	9.25	11.09	13.25	15.90
Office clerks, general	10.14	11.94	14.32	16.68	20.93
Office machine operators, except computer	8.70	9.25	11.81	13.00	14.00
Farming, fishing, and forestry occupations	10.00	10.30	13.05	16.25	16.37
Construction and extraction occupations	10.08	12.44	15.33	20.00	26.00
First-line supervisors/managers of construction trades and extraction workers	17.19	20.00	24.00	30.00	37.12
Brickmasons, blockmasons, and stonemasons	9.75	11.00	15.00	21.00	27.07

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 and blockmasons	\$9.75	\$15.00	\$20.00	\$21.00	\$27.07
Carpenters	12.37	14.15	16.00	20.00	25.26
Cement masons, concrete finishers, and terrazzo workers	11.10	12.00	13.39	17.00	18.00
Cement masons and concrete finishers	11.10	12.00	13.39	17.00	18.00
Construction laborers	9.18	10.00	11.11	14.00	18.25
Construction equipment operators	10.76	12.50	14.52	17.00	22.55
Paving, surfacing, and tamping equipment operators	9.98	10.02	11.11	13.00	14.79
Operating engineers and other construction equipment operators	11.41	13.89	15.00	18.00	22.66
Drywall installers, ceiling tile installers, and tapers	13.53	14.00	15.24	16.83	19.84
Drywall and ceiling tile installers	13.53	14.00	15.24	16.83	19.84
Electricians	14.00	16.00	19.35	25.25	34.06
Insulation workers	13.85	15.08	16.45	20.44	21.84
Painters and paperhangers	12.45	12.50	14.50	17.00	19.00
Painters, construction and maintenance	11.15	12.50	15.00	17.00	19.00
Pipelayers, plumbers, pipefitters, and steamfitters	11.96	14.15	18.00	21.00	27.97
Pipelayers	10.97	12.00	14.25	16.50	19.50
Plumbers, pipefitters, and steamfitters	12.00	14.42	18.25	23.54	29.34
Roofers	10.75	12.00	13.50	18.50	23.50
Sheet metal workers	13.25	15.00	18.00	20.30	29.00
Helpers, construction trades	8.25	10.00	11.04	13.00	15.25
Helpers--carpenters	9.22	10.18	10.18	12.05	15.25
Helpers--electricians	10.75	11.26	12.50	13.37	14.84
Helpers--pipelayers, plumbers, pipefitters, and steamfitters ...	7.50	10.00	11.00	11.42	13.02
Construction and building inspectors	16.64	19.25	23.57	27.32	32.56
Highway maintenance workers	11.37	12.21	13.78	16.57	18.39
Septic tank servicers and sewer pipe cleaners	13.58	14.33	15.37	21.13	27.26
Miscellaneous construction and related workers	9.90	11.00	17.76	18.97	22.50
Mining machine operators	11.68	22.50	24.05	24.50	33.94
Installation, maintenance, and repair occupations	11.50	14.25	19.00	25.00	30.31
First-line supervisors/managers of mechanics, installers, and repairers	17.50	20.74	24.77	30.31	36.78
Computer, automated teller, and office machine repairers	13.95	16.25	19.36	20.16	22.21
Radio and telecommunications equipment installers and repairers	21.25	23.95	29.01	32.44	34.23
Telecommunications equipment installers and repairers, except line installers	21.25	23.95	29.01	32.44	34.23
Miscellaneous electrical and electronic equipment mechanics, installers, and repairers	13.04	16.65	20.92	28.52	33.30
Electrical and electronics repairers, commercial and industrial equipment	13.04	16.70	20.04	24.64	29.30
Electrical and electronics repairers, powerhouse, substation, and relay	28.52	28.52	29.50	30.79	32.03
Aircraft mechanics and service technicians	16.50	23.50	25.38	31.06	33.04

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
Installation, maintenance, and repair occupations –Continued					
Automotive technicians and repairers	\$8.80	\$12.00	\$16.87	\$21.25	\$28.20
Automotive body and related repairers	13.77	15.00	15.00	18.75	26.77
Automotive service technicians and mechanics	8.50	11.90	17.58	21.42	29.49
Bus and truck mechanics and diesel engine specialists	13.72	15.63	18.81	22.89	28.50
Heavy vehicle and mobile equipment service technicians and mechanics	16.00	17.72	23.37	23.38	23.68
Mobile heavy equipment mechanics, except engines	16.67	18.00	23.37	23.38	23.68
Small engine mechanics	10.00	13.00	17.00	20.52	37.25
Miscellaneous vehicle and mobile equipment mechanic, installers, and repairers	7.50	7.55	9.50	14.00	15.00
Tire repairers and changers	6.68	7.55	9.50	11.00	14.00
Control and valve installers and repairers	13.00	15.18	19.62	23.85	26.27
Control and valve installers and repairers, except mechanical door	13.26	16.37	21.50	24.50	27.60
Heating, air conditioning, and refrigeration mechanics and installers	12.50	15.00	18.50	23.00	29.65
Industrial machinery installation, repair, and maintenance workers	12.00	14.45	17.38	21.01	25.33
Industrial machinery mechanics	15.50	18.00	22.47	26.64	32.34
Maintenance and repair workers, general	11.75	13.74	16.90	19.47	22.27
Maintenance workers, machinery	12.20	14.23	15.88	18.70	23.08
Line installers and repairers	19.42	24.84	27.81	29.41	32.40
Electrical power-line installers and repairers	13.80	21.62	29.39	32.04	33.15
Telecommunications line installers and repairers	22.00	26.03	27.81	29.01	29.96
Precision instrument and equipment repairers	11.59	13.30	15.85	19.80	23.71
Miscellaneous installation, maintenance, and repair workers	10.00	11.00	13.67	15.82	20.31
Helpers--installation, maintenance, and repair workers	9.00	10.75	13.10	14.51	15.67
Production occupations	9.00	10.75	14.05	18.19	24.00
First-line supervisors/managers of production and operating workers	13.25	17.78	22.71	31.69	36.83
Electrical, electronics, and electromechanical assemblers	9.01	10.90	13.00	15.46	18.36
Electrical and electronic equipment assemblers	9.01	10.16	12.60	14.76	18.47
Electromechanical equipment assemblers	11.45	12.35	13.89	18.04	18.36
Structural metal fabricators and fitters	8.50	10.30	15.74	17.00	22.00
Miscellaneous assemblers and fabricators	9.64	11.00	13.15	16.02	20.01
Team assemblers	10.00	10.78	13.00	13.50	15.44
Bakers	9.67	11.00	12.65	15.00	17.50
Butchers and other meat, poultry, and fish processing workers ..	9.20	9.92	10.50	12.46	14.40
Butchers and meat cutters	8.89	9.50	12.46	14.79	17.20
Meat, poultry, and fish cutters and trimmers	9.34	9.95	10.25	11.10	11.40
Slaughterers and meat packers	9.20	10.55	11.10	11.84	12.32
Miscellaneous food processing workers	8.72	9.50	11.94	15.00	17.00
Food batchmakers	8.72	9.00	11.83	15.60	17.75
Computer control programmers and operators	10.00	11.18	15.43	17.97	19.80

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					
Computer-controlled machine tool operators, metal and plastic	\$10.00	\$11.18	\$15.43	\$17.97	\$19.80
Forming machine setters, operators, and tenders, metal and plastic	10.00	11.40	12.75	18.50	20.86
Extruding and drawing machine setters, operators, and tenders, metal and plastic	10.00	10.75	12.75	16.73	20.04
Rolling machine setters, operators, and tenders, metal and plastic	8.09	12.75	19.34	21.83	39.87
Machine tool cutting setters, operators, and tenders, metal and plastic	8.58	10.69	14.00	16.50	19.72
Cutting, punching, and press machine setters, operators, and tenders, metal and plastic	8.58	10.64	13.77	16.50	18.00
Grinding, lapping, polishing, and buffing machine tool setters, operators, and tenders, metal and plastic	9.60	11.30	14.75	19.27	27.50
Machinists	14.50	18.00	20.50	23.50	27.06
Molders and molding machine setters, operators, and tenders, metal and plastic	9.58	10.71	13.42	13.83	16.00
Molding, coremaking, and casting machine setters, operators, and tenders, metal and plastic	9.58	10.71	13.42	13.83	16.00
Multiple machine tool setters, operators, and tenders, metal and plastic	12.00	13.40	14.69	22.49	22.49
Tool and die makers	19.40	20.57	23.36	27.00	27.22
Welding, soldering, and brazing workers	13.50	15.09	17.89	20.00	24.50
Welders, cutters, solderers, and brazers	13.00	15.00	18.00	20.00	25.90
Welding, soldering, and brazing machine setters, operators, and tenders	14.89	15.50	16.48	19.37	23.00
Miscellaneous metalworkers and plastic workers	9.33	10.00	14.00	17.75	23.00
Plating and coating machine setters, operators, and tenders, metal and plastic	12.20	12.20	12.20	19.85	32.79
Bookbinders and bindery workers	8.29	8.29	10.75	16.00	24.22
Bindery workers	8.29	8.29	10.75	16.00	24.22
Printers	9.00	10.00	15.14	18.72	23.19
Prepress technicians and workers	9.00	12.78	17.25	19.80	20.30
Printing machine operators	9.00	9.50	15.00	17.61	24.85
Laundry and dry-cleaning workers	7.25	7.82	9.53	11.00	11.53
Pressers, textile, garment, and related materials	7.82	8.00	8.00	9.00	9.90
Sewing machine operators	8.50	10.00	14.35	16.94	16.94
Textile machine setters, operators, and tenders	9.00	10.38	11.87	14.40	16.25
Textile bleaching and dyeing machine operators and tenders	8.50	9.25	10.40	11.70	14.00
Textile knitting and weaving machine setters, operators, and tenders	9.42	13.16	14.40	15.30	17.71
Textile winding, twisting, and drawing out machine setters, operators, and tenders	10.00	10.38	10.75	13.92	16.86
Miscellaneous textile, apparel, and furnishings workers	11.11	13.58	16.08	20.04	22.81

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					
Extruding and forming machine setters, operators, and tenders, synthetic and glass fibers	\$13.57	\$14.48	\$20.04	\$20.04	\$22.81
Upholsterers	14.55	16.08	16.08	21.00	24.21
Cabinetmakers and bench carpenters	11.74	13.64	14.00	18.12	25.90
Woodworking machine setters, operators, and tenders	9.50	11.33	13.49	15.20	17.00
Sawing machine setters, operators, and tenders, wood	8.00	10.35	13.00	15.00	17.00
Woodworking machine setters, operators, and tenders, except sawing	10.12	11.75	14.29	15.20	18.00
Power plant operators, distributors, and dispatchers	28.87	29.61	32.36	39.91	40.34
Power plant operators	26.68	28.87	29.61	30.89	30.89
Water and liquid waste treatment plant and system operators	13.46	15.25	17.83	22.25	24.95
Miscellaneous plant and system operators	20.80	22.26	22.51	27.00	27.70
Chemical processing machine setters, operators, and tenders	13.10	17.78	21.74	22.91	31.28
Chemical equipment operators and tenders	13.10	18.05	22.11	22.91	31.28
Crushing, grinding, polishing, mixing, and blending workers	10.09	10.40	14.30	16.60	23.62
Crushing, grinding, and polishing machine setters, operators, and tenders	8.65	15.25	15.68	16.60	19.20
Grinding and polishing workers, hand	10.40	10.40	11.90	12.00	13.56
Mixing and blending machine setters, operators, and tenders	10.09	10.09	13.98	21.01	25.98
Cutting workers	9.50	11.86	15.00	16.22	18.88
Cutters and trimmers, hand	8.75	10.50	13.00	15.00	19.80
Cutting and slicing machine setters, operators, and tenders	10.51	14.42	15.00	16.22	18.88
Extruding, forming, pressing, and compacting machine setters, operators, and tenders	8.96	8.96	11.53	15.95	19.18
Inspectors, testers, sorters, samplers, and weighers	9.85	11.73	14.44	18.12	25.19
Medical, dental, and ophthalmic laboratory technicians	11.50	14.00	17.10	24.32	31.60
Dental laboratory technicians	11.00	15.07	18.00	25.00	31.60
Packaging and filling machine operators and tenders	9.26	12.00	14.35	17.89	20.55
Painting workers	9.36	11.25	15.45	18.64	20.78
Coating, painting, and spraying machine setters, operators, and tenders	9.50	11.25	13.78	16.05	20.00
Painters, transportation equipment	13.03	15.45	15.95	18.64	18.75
Miscellaneous production workers	8.50	10.00	12.05	16.45	21.15
Cementing and gluing machine operators and tenders	8.55	9.00	10.80	14.25	24.00
Paper goods machine setters, operators, and tenders	10.40	13.24	17.38	23.35	27.58
Tire builders	14.47	14.79	22.66	24.81	24.97
Helpers--production workers	8.00	9.35	11.80	14.00	18.31
Transportation and material moving occupations	9.00	10.75	14.04	18.63	23.75
First-line supervisors/managers of helpers, laborers, and material movers, hand	14.00	18.10	18.89	24.27	25.96
First-line supervisors/managers of transportation and material-moving machine and vehicle operators	16.02	20.04	23.23	28.37	40.75
Aircraft pilots and flight engineers	17.60	26.84	141.28	167.46	167.46
Airline pilots, copilots, and flight engineers	76.52	140.34	159.64	167.46	167.46

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					
Bus drivers	\$9.75	\$12.08	\$15.04	\$17.06	\$20.84
Bus drivers, transit and intercity	8.96	12.40	15.70	19.84	21.73
Bus drivers, school	10.00	12.08	14.38	16.60	20.53
Driver/sales workers and truck drivers	10.20	12.75	15.91	22.00	29.62
Driver/sales workers	7.57	10.00	15.83	22.32	25.28
Truck drivers, heavy and tractor-trailer	12.00	13.75	16.01	21.92	25.26
Truck drivers, light or delivery services	9.58	11.77	15.61	23.14	29.62
Taxi drivers and chauffeurs	9.00	9.41	12.16	14.42	14.42
Parking lot attendants	7.50	8.50	9.44	9.83	10.08
Service station attendants	7.60	8.75	9.00	10.89	13.57
Crane and tower operators	15.00	19.06	21.91	25.25	27.00
Dredge, excavating, and loading machine operators	12.82	13.92	16.00	18.09	22.00
Excavating and loading machine and dragline operators	12.00	13.90	15.41	18.01	22.00
Industrial truck and tractor operators	10.12	12.00	14.35	17.10	20.35
Laborers and material movers, hand	8.00	9.00	10.60	13.23	16.74
Cleaners of vehicles and equipment	7.25	7.79	9.60	11.75	15.76
Laborers and freight, stock, and material movers, hand	8.21	9.02	10.90	13.86	17.81
Machine feeders and offbearers	7.89	9.63	11.56	13.77	15.06
Packers and packagers, hand	7.50	8.84	10.25	11.99	14.50
Refuse and recyclable material collectors	11.30	12.66	14.27	16.03	17.30

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

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

survey. Military occupations are excluded from the survey.

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

SOURCE: Bureau of Labor Statistics, National Compensation Survey.