

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	\$10.13	\$14.00	\$20.55	\$32.29	\$46.68
Management occupations	23.89	31.96	43.27	57.88	71.64
Chief executives	45.62	57.24	76.86	99.65	165.51
General and operations managers	22.55	28.97	37.50	55.91	84.14
Advertising and promotions managers	26.92	28.40	30.53	33.65	41.83
Marketing and sales managers	23.08	34.62	48.08	59.58	74.04
Marketing managers	28.85	43.27	49.40	59.02	71.87
Sales managers	18.17	28.76	41.72	59.58	91.06
Public relations managers	23.07	27.57	46.11	77.27	77.27
Administrative services managers	27.85	29.00	37.03	44.23	52.26
Computer and information systems managers	35.44	40.87	54.81	61.93	72.99
Financial managers	24.37	31.64	42.58	61.30	73.37
Human resources managers	27.05	34.62	48.03	59.80	67.83
Training and development managers	33.38	34.62	37.13	63.46	67.83
Industrial production managers	34.71	40.83	44.42	59.78	67.31
Purchasing managers	21.15	45.08	51.36	56.45	59.03
Transportation, storage, and distribution managers	24.72	29.28	33.43	54.26	61.85
Construction managers	31.25	36.89	46.97	50.00	55.72
Education administrators	17.49	27.45	42.72	55.53	64.41
Education administrators, preschool and child care center/program	14.68	15.95	18.50	21.79	31.97
Education administrators, elementary and secondary school ..	42.72	49.76	54.28	62.66	66.81
Education administrators, postsecondary	26.44	27.45	32.68	47.00	52.04
Engineering managers	40.63	52.64	61.79	68.98	81.33
Food service managers	16.83	20.37	28.85	34.29	37.30
Lodging managers	19.29	19.72	31.25	40.98	94.76
Medical and health services managers	30.00	38.17	46.96	54.92	67.66
Property, real estate, and community association managers	17.31	22.86	32.45	33.85	44.46
Social and community service managers	17.31	24.93	29.92	37.27	41.76
Business and financial operations occupations	20.45	24.64	30.77	38.94	48.17
Buyers and purchasing agents	22.88	25.13	30.77	38.69	57.05
Wholesale and retail buyers, except farm products	22.88	23.96	26.34	38.69	45.42
Purchasing agents, except wholesale, retail, and farm products	23.18	27.06	30.77	39.66	57.05
Claims adjusters, appraisers, examiners, and investigators	18.74	20.67	27.84	33.66	36.38
Claims adjusters, examiners, and investigators	18.74	22.66	28.97	33.66	36.38
Compliance officers, except agriculture, construction, health and safety, and transportation	21.82	24.24	28.57	35.96	52.89
Cost estimators	17.50	21.97	30.29	41.25	58.16
Human resources, training, and labor relations specialists	21.68	24.95	31.90	41.14	44.17
Employment, recruitment, and placement specialists	14.00	16.66	24.00	35.45	45.28
Compensation, benefits, and job analysis specialists	21.68	21.68	28.68	35.60	44.17
Training and development specialists	21.94	24.95	41.14	41.14	41.22
Logisticians	22.50	23.28	26.26	41.10	55.41
Management analysts	25.40	29.67	35.77	41.83	51.78

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
Business and financial operations occupations –Continued					
Meeting and convention planners	\$16.77	\$23.25	\$25.73	\$43.38	\$48.08
Accountants and auditors	20.59	24.04	28.97	35.64	46.00
Appraisers and assessors of real estate	21.98	23.08	29.63	35.81	38.39
Budget analysts	23.38	24.73	28.21	35.03	45.61
Credit analysts	21.20	21.86	34.62	38.94	64.56
Financial analysts and advisors	20.45	25.00	33.57	40.87	52.89
Financial analysts	24.26	30.94	35.17	41.83	52.89
Personal financial advisors	14.58	17.10	20.45	28.66	56.89
Insurance underwriters	20.59	23.75	29.15	36.34	55.64
Loan counselors and officers	16.31	16.31	24.71	31.25	35.88
Loan counselors	21.00	21.26	21.28	23.17	23.17
Loan officers	16.31	16.31	26.85	31.25	35.88
Tax examiners, collectors, preparers, and revenue agents	14.74	16.47	21.47	26.97	35.62
Tax examiners, collectors, and revenue agents	15.06	21.47	23.98	29.70	35.62
Computer and mathematical science occupations					
Computer programmers	21.06	28.57	37.16	47.40	58.10
Computer software engineers	28.97	34.10	38.52	52.40	58.62
Computer software engineers, applications	33.16	38.05	46.32	55.23	63.41
Computer software engineers, systems software	33.16	37.15	41.63	51.49	61.52
Computer software engineers, systems software	34.24	41.39	50.00	59.82	63.63
Computer support specialists	17.37	20.81	25.34	32.50	39.42
Computer systems analysts	27.88	30.70	37.68	45.03	52.00
Database administrators	23.96	32.07	39.81	39.81	57.69
Network and computer systems administrators	19.90	21.98	31.73	42.98	52.59
Network systems and data communications analysts	20.83	31.98	33.99	41.90	48.90
Operations research analysts	20.13	20.13	40.87	45.67	52.89
Architecture and engineering occupations					
Architects, except naval	23.00	30.34	40.39	52.00	64.77
Architects, except landscape and naval	20.19	27.89	31.68	42.64	55.29
Architects, except landscape and naval	16.50	27.89	33.65	42.64	55.29
Engineers	30.98	37.61	46.41	57.16	67.53
Aerospace engineers	35.15	43.78	54.00	65.67	76.43
Civil engineers	25.96	33.25	42.33	49.28	62.25
Computer hardware engineers	33.14	41.27	50.19	59.82	69.71
Electrical and electronics engineers	29.09	38.08	45.56	57.17	73.00
Electrical engineers	33.21	38.20	46.91	57.19	65.26
Electronics engineers, except computer	26.32	38.08	45.01	57.12	77.89
Environmental engineers	25.77	30.77	36.23	50.45	50.45
Industrial engineers, including health and safety	30.48	35.41	37.75	46.94	59.26
Industrial engineers	29.89	32.67	39.38	48.96	60.31
Mechanical engineers	34.71	41.64	50.83	55.82	76.47
Nuclear engineers	44.16	44.16	44.16	47.32	59.00
Petroleum engineers	32.02	37.50	52.32	57.69	60.72
Drafters	18.00	20.80	23.00	33.67	43.12
Architectural and civil drafters	18.00	21.00	21.84	31.14	39.20

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					
Engineering technicians, except drafters	\$19.20	\$24.57	\$28.36	\$34.05	\$40.27
Aerospace engineering and operations technicians	23.13	27.02	30.41	35.58	38.66
Civil engineering technicians	19.15	22.29	26.84	31.90	32.00
Electrical and electronic engineering technicians	21.01	24.98	27.23	31.73	38.82
Surveying and mapping technicians	16.00	22.51	33.50	37.01	40.00
Life, physical, and social science occupations					
Life scientists	18.98	22.31	29.03	38.22	51.52
Biological scientists	18.88	21.63	28.84	39.18	47.79
Biological scientists	19.71	22.52	29.33	39.57	47.79
Biochemists and biophysicists	19.23	22.29	35.58	39.57	56.77
Conservation scientists and foresters	19.96	22.16	25.55	29.93	38.58
Conservation scientists	19.83	21.50	24.31	28.55	32.70
Medical scientists	16.85	20.65	30.08	37.47	93.74
Physical scientists	22.31	25.30	31.94	35.72	49.18
Chemists and materials scientists	21.40	24.52	29.60	37.50	44.59
Chemists	21.40	24.52	29.60	37.50	44.59
Environmental scientists and geoscientists	22.31	25.30	31.94	35.39	35.99
Environmental scientists and specialists, including health ..	21.39	26.92	34.60	34.60	41.44
Geoscientists, except hydrologists and geographers	22.31	22.31	28.85	35.39	35.72
Market and survey researchers	26.00	34.10	54.34	70.86	72.12
Market research analysts	26.00	34.10	54.34	70.86	72.12
Psychologists	22.51	27.00	37.71	44.54	50.89
Clinical, counseling, and school psychologists	22.08	27.00	35.50	44.54	49.16
Urban and regional planners	24.17	30.02	36.66	55.83	65.72
Agricultural and food science technicians	15.27	15.27	21.33	21.70	27.69
Biological technicians	15.70	18.97	21.80	28.21	35.12
Miscellaneous life, physical, and social science technicians	17.87	19.60	23.21	34.28	34.28
Environmental science and protection technicians, including health	18.54	23.21	34.28	34.28	34.28
Community and social services occupations					
Counselors	12.16	17.01	22.13	30.14	39.70
Substance abuse and behavioral disorder counselors	10.75	17.37	23.07	32.61	45.54
Substance abuse and behavioral disorder counselors	10.30	16.00	24.05	48.12	52.29
Educational, vocational, and school counselors	21.29	22.39	29.59	38.77	48.13
Mental health counselors	13.66	17.07	20.51	25.18	33.18
Social workers	17.21	19.77	25.89	33.53	41.59
Child, family, and school social workers	17.81	19.52	24.70	29.62	37.11
Medical and public health social workers	20.26	22.62	28.16	30.25	43.61
Mental health and substance abuse social workers	15.92	18.21	33.34	44.74	46.09
Miscellaneous community and social service specialists	11.85	14.48	18.75	24.56	33.61
Health educators	19.55	23.00	25.29	40.53	47.83
Probation officers and correctional treatment specialists	23.16	25.32	30.69	36.18	40.31
Social and human service assistants	9.99	12.47	15.04	18.46	19.80
Legal occupations					
	21.06	29.33	38.46	55.29	94.21

See footnotes at end of table.

Table 9

Full-time civilian workers: Hourly wage percentiles¹ — Continued

Occupation ²	Wages fall at or below the following percentiles				
	10	25	50	75	90
Legal occupations –Continued					
Lawyers	\$37.26	\$44.73	\$53.27	\$86.54	\$103.36
Paralegals and legal assistants	16.15	21.15	29.33	32.78	38.46
Miscellaneous legal support workers	15.45	19.78	29.33	38.46	38.66
Education, training, and library occupations					
Postsecondary teachers	14.50	25.25	38.60	50.01	60.51
Business teachers, postsecondary	23.04	32.95	46.03	63.20	88.11
Math and computer teachers, postsecondary	29.01	29.01	52.84	98.87	118.81
Social sciences teachers, postsecondary	31.47	35.13	39.95	56.26	61.43
Health teachers, postsecondary	33.02	42.36	58.60	75.03	93.15
Health specialties teachers, postsecondary	24.00	39.00	58.64	86.54	100.86
Law, criminal justice, and social work teachers, postsecondary	22.67	42.68	66.20	89.43	102.15
Law teachers, postsecondary	49.59	60.51	60.51	73.27	99.99
Law teachers, postsecondary	49.59	60.51	60.51	73.27	99.99
Arts, communications, and humanities teachers, postsecondary	30.77	33.43	52.75	61.55	77.76
English language and literature teachers, postsecondary	30.19	33.42	39.15	42.59	67.19
Miscellaneous postsecondary teachers	21.50	26.78	37.38	49.76	56.48
Vocational education teachers, postsecondary	21.50	21.50	21.50	35.25	37.93
Primary, secondary, and special education school teachers	14.23	31.52	40.90	50.52	58.91
Preschool and kindergarten teachers	9.50	10.75	14.00	16.00	32.43
Preschool teachers, except special education	9.32	10.64	13.75	14.43	17.35
Kindergarten teachers, except special education	25.54	31.04	42.59	52.37	56.54
Elementary and middle school teachers	29.22	36.49	43.15	51.59	59.08
Elementary school teachers, except special education	30.20	37.03	43.67	52.11	59.08
Middle school teachers, except special and vocational education	26.09	34.09	41.31	49.97	59.05
Secondary school teachers	29.48	35.23	43.12	51.06	59.78
Secondary school teachers, except special and vocational education	29.78	35.40	43.17	51.11	59.94
Vocational education teachers, secondary school	27.37	27.64	41.90	43.84	51.30
Special education teachers	30.88	34.75	44.79	54.70	60.84
Special education teachers, preschool, kindergarten, and elementary school	29.15	34.85	44.63	54.31	59.69
Special education teachers, secondary school	32.51	36.84	44.79	54.13	71.02
Other teachers and instructors	29.44	34.53	40.72	52.28	57.30
Adult literacy, remedial education, and GED teachers and instructors	22.66	24.36	41.19	46.18	58.72
Librarians	26.49	29.58	35.93	42.66	54.74
Library technicians	14.86	15.72	20.54	25.69	28.36
Instructional coordinators	22.88	22.94	35.47	47.04	54.54
Teacher assistants	10.78	12.94	15.42	18.44	19.46
Arts, design, entertainment, sports, and media occupations					
Artists and related workers	17.45	20.22	25.00	35.00	46.59
Artists and related workers	12.49	26.05	28.34	72.12	72.12

See footnotes at end of table.

Table 9

Full-time civilian workers: Hourly wage percentiles¹ — Continued

Occupation ²	Wages fall at or below the following percentiles				
	10	25	50	75	90
Arts, design, entertainment, sports, and media occupations					
–Continued					
Designers	\$17.45	\$20.19	\$24.13	\$34.39	\$45.34
Graphic designers	17.45	20.10	24.13	34.43	46.84
Interior designers	20.70	25.15	29.68	38.51	38.51
Actors, producers, and directors	27.56	32.69	41.22	51.50	60.38
Producers and directors	27.56	32.69	41.22	51.50	60.38
News analysts, reporters and correspondents	13.62	18.95	24.76	25.96	27.65
Reporters and correspondents	13.62	18.95	24.76	25.96	27.65
Public relations specialists	16.83	20.22	25.48	29.57	34.62
Writers and editors	19.19	27.77	28.79	41.06	45.43
Technical writers	23.86	28.79	41.06	44.58	47.12
Miscellaneous media and communication workers	17.61	20.19	21.88	23.95	26.08
Broadcast and sound engineering technicians and radio operators	18.88	24.76	34.94	40.18	41.25
Television, video, and motion picture camera operators and editors	18.00	18.00	18.00	24.04	27.85
Healthcare practitioner and technical occupations					
Dietitians and nutritionists	16.00	21.52	32.00	44.42	55.54
Pharmacists	17.96	27.90	30.74	30.74	31.89
Physician assistants	51.00	53.88	55.60	57.30	60.94
Registered nurses	24.50	47.73	52.53	60.06	75.48
Therapists	28.70	33.59	40.13	47.47	53.69
Occupational therapists	28.41	32.32	38.00	45.67	52.29
Physical therapists	31.91	34.20	37.14	48.25	56.31
Respiratory therapists	32.00	36.02	40.08	45.00	57.48
Speech-language pathologists	26.32	28.00	30.21	34.00	41.09
Clinical laboratory technologists and technicians	26.65	34.20	36.79	45.52	51.92
Medical and clinical laboratory technologists	14.56	17.38	22.57	29.44	35.65
Medical and clinical laboratory technicians	21.00	27.03	32.00	36.43	44.81
Dental hygienists	14.00	16.38	18.93	22.70	28.46
Diagnostic related technologists and technicians	36.00	36.00	43.52	46.88	61.89
Cardiovascular technologists and technicians	17.50	25.13	30.85	36.10	41.82
Radiologic technologists and technicians	21.66	36.17	37.31	44.97	51.28
Emergency medical technicians and paramedics	17.50	24.00	29.68	33.02	40.39
Health diagnosing and treating practitioner support technicians	9.79	11.34	14.54	20.11	26.48
Pharmacy technicians	15.21	17.00	20.58	25.78	28.89
Psychiatric technicians	14.00	15.75	17.33	18.56	25.03
Surgical technologists	20.00	25.90	28.89	29.87	30.97
Veterinary technologists and technicians	16.68	21.63	22.00	23.94	26.33
Licensed practical and licensed vocational nurses	15.53	16.00	17.45	19.00	21.00
Medical records and health information technicians	17.17	20.00	22.28	25.33	28.53
Opticians, dispensing	12.85	13.00	16.00	16.59	21.16
Miscellaneous health technologists and technicians	14.00	15.00	17.50	19.25	21.00
Occupational health and safety specialists and technicians	16.03	17.09	19.71	42.41	42.41
	21.07	25.51	28.28	32.70	36.20

See footnotes at end of table.

Table 9

Full-time civilian workers: Hourly wage percentiles¹ — Continued

Occupation ²	Wages fall at or below the following percentiles				
	10	25	50	75	90
Healthcare practitioner and technical occupations –Continued					
Occupational health and safety specialists	\$19.06	\$26.41	\$28.20	\$34.28	\$36.20
Healthcare support occupations	10.12	11.55	13.74	17.44	21.00
Nursing, psychiatric, and home health aides	9.50	10.70	12.61	13.88	16.51
Home health aides	8.01	10.81	11.60	12.60	18.10
Nursing aides, orderlies, and attendants	9.50	10.60	12.72	13.82	15.87
Psychiatric aides	10.00	12.62	15.51	20.97	20.97
Miscellaneous healthcare support occupations	10.82	13.00	15.88	19.40	22.22
Dental assistants	13.75	15.90	17.60	20.00	22.50
Medical assistants	10.42	12.00	14.50	17.63	21.08
Medical transcriptionists	11.18	12.17	19.83	25.36	29.34
Pharmacy aides	11.96	13.61	20.87	22.25	22.38
Protective service occupations	10.22	14.99	26.05	36.42	43.82
First-line supervisors/managers, law enforcement workers	33.31	37.45	47.13	53.14	56.83
First-line supervisors/managers of correctional officers	30.31	33.31	42.50	47.65	53.19
First-line supervisors/managers of police and detectives	35.72	38.44	48.48	54.71	57.67
First-line supervisors/managers of fire fighting and prevention workers	27.22	29.87	36.76	42.68	47.96
Fire fighters	19.85	23.79	29.24	34.95	39.11
Bailiffs, correctional officers, and jailers	18.09	21.77	28.72	36.20	40.17
Correctional officers and jailers	18.09	21.77	28.59	36.20	40.24
Detectives and criminal investigators	27.41	31.46	38.37	40.23	44.84
Police officers	27.29	31.74	35.65	41.84	47.05
Police and sheriff's patrol officers	27.29	31.74	35.65	41.84	47.05
Security guards and gaming surveillance officers	8.03	10.00	11.81	15.50	20.83
Security guards	8.03	10.00	11.81	15.50	20.83
Miscellaneous protective service workers	12.18	17.24	21.36	25.96	27.82
Lifeguards, ski patrol, and other recreational protective service workers	12.00	12.68	17.62	25.96	25.96
Food preparation and serving related occupations	8.00	8.50	10.35	13.92	18.64
First-line supervisors/managers, food preparation and serving workers	11.00	14.00	18.64	21.51	25.20
Chefs and head cooks	14.00	17.00	20.69	23.96	30.60
First-line supervisors/managers of food preparation and serving workers	10.85	13.56	18.00	20.29	25.00
Cooks	8.55	10.00	12.06	13.85	17.00
Cooks, fast food	8.00	8.40	9.26	10.74	12.67
Cooks, institution and cafeteria	11.19	12.32	13.39	17.00	20.33
Cooks, restaurant	9.00	10.50	12.46	13.85	16.04
Cooks, short order	8.75	9.50	11.14	13.25	14.25
Food preparation workers	8.00	8.00	10.00	13.50	14.97
Food service, tipped	7.92	8.00	8.25	8.84	10.25
Bartenders	8.00	8.40	9.00	9.50	11.00

See footnotes at end of table.

Table 9

Full-time civilian workers: Hourly wage percentiles¹ — Continued

Occupation ²	Wages fall at or below the following percentiles				
	10	25	50	75	90
Food preparation and serving related occupations –Continued					
Waiters and waitresses	\$7.54	\$8.00	\$8.00	\$8.40	\$9.00
Dining room and cafeteria attendants and bartender helpers ..	8.00	8.00	8.40	9.50	10.35
Fast food and counter workers	8.40	8.71	9.49	12.00	15.77
Combined food preparation and serving workers, including fast food	8.40	8.71	9.47	11.05	16.18
Counter attendants, cafeteria, food concession, and coffee shop	8.40	8.50	9.49	12.89	14.51
Food servers, nonrestaurant	8.00	8.30	10.64	12.55	14.83
Dishwashers	8.00	8.50	9.50	11.74	14.57
Hosts and hostesses, restaurant, lounge, and coffee shop	8.30	8.97	10.56	11.45	14.00
Building and grounds cleaning and maintenance occupations	8.82	10.00	13.00	16.69	21.66
First-line supervisors/managers, building and grounds cleaning and maintenance workers	13.88	15.33	19.44	23.08	27.16
First-line supervisors/managers of housekeeping and janitorial workers	13.88	15.25	19.44	23.08	27.16
First-line supervisors/managers of landscaping, lawn service, and groundskeeping workers	16.60	17.38	23.00	24.23	37.60
Building cleaning workers	8.55	9.86	12.00	16.03	19.66
Janitors and cleaners, except maids and housekeeping cleaners	9.00	10.43	13.41	17.00	21.62
Maids and housekeeping cleaners	8.25	8.60	9.96	12.25	15.60
Grounds maintenance workers	9.69	11.00	14.00	16.90	22.71
Landscaping and groundskeeping workers	9.28	11.00	13.00	16.67	21.57
Personal care and service occupations	8.12	9.42	11.84	15.87	20.89
First-line supervisors/managers of gaming workers	8.00	10.27	12.09	25.96	29.00
Gaming supervisors	8.00	8.00	24.04	28.00	29.00
First-line supervisors/managers of personal service workers	10.12	14.75	17.31	18.98	18.98
Gaming services workers	7.92	8.00	8.12	11.35	13.00
Gaming dealers	7.92	7.92	8.00	8.24	12.00
Miscellaneous entertainment attendants and related workers	8.24	8.31	9.60	11.40	16.00
Amusement and recreation attendants	8.24	8.25	9.00	11.40	16.94
Baggage porters, bellhops, and concierges	8.00	8.24	10.00	13.00	14.81
Baggage porters and bellhops	7.47	8.00	8.67	13.00	13.00
Concierges	8.24	10.00	11.13	14.55	15.05
Transportation attendants	15.53	17.86	25.44	32.30	43.26
Flight attendants	17.86	20.30	31.13	32.30	43.26
Child care workers	8.19	9.42	9.93	12.40	16.26
Personal and home care aides	10.00	10.50	11.90	12.66	15.35
Recreation and fitness workers	12.00	13.00	15.38	19.93	25.00
Fitness trainers and aerobics instructors	14.04	15.38	19.23	21.84	25.00
Recreation workers	9.09	12.36	12.51	16.03	19.42
Sales and related occupations	9.48	11.55	16.00	23.99	39.70

See footnotes at end of table.

Table 9

Full-time civilian workers: Hourly wage percentiles¹ — Continued

Occupation ²	Wages fall at or below the following percentiles				
	10	25	50	75	90
Sales and related occupations –Continued					
First-line supervisors/managers, sales workers	\$13.01	\$15.00	\$19.23	\$26.79	\$37.42
First-line supervisors/managers of retail sales workers	13.00	14.94	17.92	22.41	27.57
First-line supervisors/managers of non-retail sales workers ...	14.60	19.23	29.47	40.39	43.74
Retail sales workers	8.93	9.94	12.38	16.50	21.46
Cashiers, all workers	8.40	9.00	10.25	13.05	16.25
Cashiers	8.40	9.00	10.25	13.04	16.25
Counter and rental clerks and parts salespersons	10.15	13.40	16.44	20.80	24.03
Counter and rental clerks	10.00	12.48	13.99	16.31	29.76
Parts salespersons	11.00	13.46	16.45	20.80	24.03
Retail salespersons	9.48	10.92	13.50	17.91	25.01
Advertising sales agents	8.60	13.19	22.55	31.25	43.75
Insurance sales agents	15.41	20.95	25.29	47.53	67.12
Securities, commodities, and financial services sales agents	19.71	22.79	44.23	67.77	109.82
Travel agents	12.00	15.65	20.20	26.39	26.39
Sales representatives, wholesale and manufacturing	13.14	18.50	26.75	40.50	57.72
Sales representatives, wholesale and manufacturing, technical and scientific products	19.82	32.30	39.70	55.37	68.07
Sales representatives, wholesale and manufacturing, except technical and scientific products	12.65	17.53	23.17	35.85	51.82
Models, demonstrators, and product promoters	13.56	14.78	16.50	19.10	42.50
Demonstrators and product promoters	13.56	14.78	16.50	19.10	42.50
Real estate brokers and sales agents	11.50	14.00	20.19	39.42	59.14
Real estate sales agents	11.50	14.00	20.19	39.42	59.14
Sales engineers	18.85	18.85	35.08	45.81	59.11
Miscellaneous sales and related workers	12.58	15.44	17.12	23.23	36.45
Office and administrative support occupations	11.25	14.00	17.30	21.51	26.26
First-line supervisors/managers of office and administrative support workers	17.31	19.63	25.00	29.51	33.33
Switchboard operators, including answering service	10.00	10.62	12.20	15.50	17.58
Financial clerks	12.75	14.96	17.79	20.80	25.07
Bill and account collectors	13.46	15.38	19.00	23.29	25.09
Billing and posting clerks and machine operators	13.36	14.39	17.00	20.55	23.25
Bookkeeping, accounting, and auditing clerks	13.34	15.50	18.85	21.50	25.86
Payroll and timekeeping clerks	12.98	17.32	19.52	20.17	23.62
Procurement clerks	12.50	13.90	17.05	18.15	19.50
Tellers	11.15	12.09	14.10	15.66	17.62
Brokerage clerks	14.89	17.91	19.23	22.23	28.35
Court, municipal, and license clerks	15.23	17.47	19.09	21.30	23.47
Credit authorizers, checkers, and clerks	16.54	18.63	21.17	22.60	23.28
Customer service representatives	10.74	13.01	16.39	20.98	27.36
Eligibility interviewers, government programs	15.19	17.00	18.70	21.08	24.26
File clerks	12.50	16.63	16.63	16.63	20.80
Hotel, motel, and resort desk clerks	8.00	10.00	11.25	13.75	16.75
Interviewers, except eligibility and loan	12.00	13.00	16.00	20.41	20.77

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
Office and administrative support occupations –Continued					
Library assistants, clerical	\$9.00	\$14.67	\$20.21	\$20.25	\$26.37
Loan interviewers and clerks	13.05	13.86	15.86	16.83	19.58
New accounts clerks	14.82	15.84	17.31	19.20	27.32
Order clerks	11.63	14.00	16.50	18.60	20.24
Human resources assistants, except payroll and timekeeping	15.50	18.17	20.19	22.71	25.21
Receptionists and information clerks	10.00	11.54	14.00	16.94	20.44
Reservation and transportation ticket agents and travel clerks	10.53	13.00	18.27	21.37	22.42
Cargo and freight agents	12.75	16.75	36.56	39.00	39.00
Couriers and messengers	8.00	8.00	11.50	14.00	16.73
Dispatchers	11.07	13.91	20.21	23.96	30.71
Police, fire, and ambulance dispatchers	11.07	12.79	22.51	27.88	34.10
Dispatchers, except police, fire, and ambulance	11.00	14.00	20.00	22.00	26.00
Meter readers, utilities	19.35	21.45	22.57	27.47	29.99
Production, planning, and expediting clerks	14.00	15.28	20.00	25.75	30.84
Shipping, receiving, and traffic clerks	10.00	11.24	13.00	16.58	19.50
Stock clerks and order fillers	9.88	11.10	14.94	17.31	19.75
Weighers, measurers, checkers, and samplers, recordkeeping	10.00	12.02	16.87	18.73	20.74
Secretaries and administrative assistants	15.12	17.81	21.84	26.00	32.69
Executive secretaries and administrative assistants	16.38	19.66	22.91	27.11	32.69
Legal secretaries	16.73	18.28	30.00	34.00	35.74
Medical secretaries	10.00	16.26	19.02	23.65	35.81
Secretaries, except legal, medical, and executive	13.00	15.60	18.75	21.41	24.64
Data entry and information processing workers	11.50	13.00	15.20	17.81	20.00
Data entry keyers	9.95	12.25	13.00	15.00	17.50
Word processors and typists	12.10	14.80	17.14	18.83	24.74
Insurance claims and policy processing clerks	12.93	15.83	18.67	22.03	25.95
Mail clerks and mail machine operators, except postal service	8.00	9.63	11.15	13.30	14.88
Office clerks, general	10.93	13.15	16.00	19.25	22.55
Farming, fishing, and forestry occupations	9.00	13.01	21.55	24.85	26.55
Construction and extraction occupations	13.00	16.50	23.00	30.10	36.44
First-line supervisors/managers of construction trades and extraction workers	25.96	30.14	34.47	40.35	45.50
Carpenters	14.25	18.00	25.00	29.57	37.35
Cement masons, concrete finishers, and terrazzo workers	22.00	22.00	25.00	29.50	30.00
Cement masons and concrete finishers	22.00	22.00	25.00	29.50	30.00
Construction laborers	13.00	14.00	18.00	23.99	27.52
Construction equipment operators	16.15	20.43	23.40	29.80	36.36
Paving, surfacing, and tamping equipment operators	16.15	19.00	23.40	23.40	24.09
Operating engineers and other construction equipment operators	18.00	21.24	27.12	32.17	36.83
Drywall installers, ceiling tile installers, and tapers	13.95	16.00	21.38	28.75	34.85
Drywall and ceiling tile installers	16.00	16.98	22.39	34.85	34.85
Tapers	13.75	14.50	17.50	24.00	32.61

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					
Electricians	\$15.66	\$19.19	\$32.73	\$36.50	\$39.05
Painters and paperhangers	13.50	15.18	20.00	23.00	23.00
Painters, construction and maintenance	13.00	15.18	18.00	23.00	26.31
Pipelayers, plumbers, pipefitters, and steamfitters	18.99	22.92	29.92	34.60	38.10
Plumbers, pipefitters, and steamfitters	18.99	22.92	30.00	34.60	38.10
Plasterers and stucco masons	13.00	15.50	32.52	32.52	38.95
Roofers	11.05	13.00	20.00	23.81	28.65
Sheet metal workers	18.27	22.62	31.35	45.66	54.89
Structural iron and steel workers	22.88	23.22	31.83	33.12	33.62
Helpers, construction trades	9.50	10.75	14.00	20.00	26.33
Helpers--carpenters	11.50	14.00	15.00	15.00	20.00
Construction and building inspectors	19.80	21.28	31.31	33.88	33.88
Highway maintenance workers	14.06	18.50	22.18	22.66	23.94
Miscellaneous construction and related workers	11.45	11.45	12.00	15.45	27.64
Installation, maintenance, and repair occupations					
First-line supervisors/managers of mechanics, installers, and repairers	13.50	17.59	23.31	30.66	37.81
Computer, automated teller, and office machine repairers	14.00	21.90	31.30	45.04	50.48
Radio and telecommunications equipment installers and repairers	15.00	16.23	18.96	22.50	29.00
Telecommunications equipment installers and repairers, except line installers	19.72	25.43	29.90	30.91	32.50
Telecommunications equipment installers and repairers, except line installers	19.72	25.43	29.90	30.91	32.50
Miscellaneous electrical and electronic equipment mechanics, installers, and repairers	10.03	18.08	27.00	37.81	39.04
Electrical and electronics repairers, commercial and industrial equipment	18.00	24.69	29.95	31.91	40.00
Electrical and electronics repairers, powerhouse, substation, and relay	35.73	37.81	38.21	39.04	39.09
Aircraft mechanics and service technicians	22.86	27.70	31.88	33.58	40.50
Automotive technicians and repairers	11.32	17.28	22.00	28.62	33.00
Automotive body and related repairers	12.50	21.00	24.00	27.01	30.35
Automotive service technicians and mechanics	11.32	17.00	21.15	29.00	33.00
Bus and truck mechanics and diesel engine specialists	18.00	19.65	25.11	29.42	31.79
Heavy vehicle and mobile equipment service technicians and mechanics	15.65	21.00	23.79	27.74	30.50
Mobile heavy equipment mechanics, except engines	15.65	21.22	23.79	27.10	30.50
Miscellaneous vehicle and mobile equipment mechanic, installers, and repairers	10.91	12.75	13.65	15.26	16.95
Tire repairers and changers	10.91	12.75	13.65	15.26	16.95
Heating, air conditioning, and refrigeration mechanics and installers	19.26	26.00	31.34	45.92	52.45
Industrial machinery installation, repair, and maintenance workers	13.50	16.94	22.73	27.92	33.93
Industrial machinery mechanics	19.63	22.78	25.28	33.74	35.70

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					
Maintenance and repair workers, general	\$12.50	\$15.75	\$20.22	\$23.41	\$29.50
Maintenance workers, machinery	12.51	14.13	17.21	23.53	31.93
Line installers and repairers	17.98	28.13	30.71	30.91	35.08
Electrical power-line installers and repairers	28.50	32.04	35.08	38.43	40.41
Telecommunications line installers and repairers	17.98	26.99	29.90	30.86	31.78
Miscellaneous installation, maintenance, and repair workers	8.50	12.42	16.00	22.64	26.61
Helpers--installation, maintenance, and repair workers	8.50	8.50	12.00	14.50	15.10
Production occupations	8.57	10.76	14.72	20.62	28.85
First-line supervisors/managers of production and operating workers	18.54	21.84	25.27	32.26	35.95
Electrical, electronics, and electromechanical assemblers	8.50	9.40	12.48	16.07	18.74
Electrical and electronic equipment assemblers	8.50	9.45	12.48	12.91	16.74
Electromechanical equipment assemblers	8.00	9.23	15.57	17.85	21.38
Miscellaneous assemblers and fabricators	8.57	10.00	13.00	17.17	23.25
Team assemblers	8.57	8.58	9.39	12.89	13.36
Bakers	8.00	8.55	12.00	14.00	16.89
Butchers and other meat, poultry, and fish processing workers ..	11.30	14.00	18.98	20.90	21.50
Butchers and meat cutters	12.90	14.40	20.00	21.50	21.50
Miscellaneous food processing workers	9.25	9.40	11.25	15.11	18.77
Food batchmakers	9.00	10.50	13.00	15.11	18.77
Food cooking machine operators and tenders	8.90	9.35	9.40	10.00	10.10
Computer control programmers and operators	12.98	15.07	19.35	23.54	30.00
Computer-controlled machine tool operators, metal and plastic	12.98	15.00	19.00	24.50	30.00
Forming machine setters, operators, and tenders, metal and plastic	14.00	15.14	18.15	19.11	23.45
Machine tool cutting setters, operators, and tenders, metal and plastic	8.66	10.77	13.71	18.54	21.33
Cutting, punching, and press machine setters, operators, and tenders, metal and plastic	13.30	14.18	17.18	18.69	25.00
Grinding, lapping, polishing, and buffing machine tool setters, operators, and tenders, metal and plastic	8.36	9.54	10.77	13.45	18.36
Lathe and turning machine tool setters, operators, and tenders, metal and plastic	8.40	9.45	11.47	18.54	21.33
Machinists	16.25	20.00	24.96	29.71	34.35
Molders and molding machine setters, operators, and tenders, metal and plastic	8.37	14.77	16.08	19.15	22.20
Molding, coremaking, and casting machine setters, operators, and tenders, metal and plastic	8.37	14.76	14.77	20.20	22.20
Multiple machine tool setters, operators, and tenders, metal and plastic	11.00	11.50	12.94	14.89	17.05
Tool and die makers	20.00	20.00	22.70	28.00	30.24
Welding, soldering, and brazing workers	12.36	15.53	19.77	24.44	29.88
Welders, cutters, solderers, and brazers	13.00	15.50	20.34	25.25	31.25

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					
Welding, soldering, and brazing machine setters, operators, and tenders	\$11.63	\$15.88	\$16.70	\$17.63	\$28.22
Miscellaneous metalworkers and plastic workers	12.92	13.00	13.24	13.86	29.98
Bookbinders and bindery workers	8.00	10.50	15.76	22.68	23.22
Bindery workers	8.00	10.50	15.76	22.68	23.22
Printers	12.00	13.55	18.00	24.09	28.68
Job printers	11.75	13.25	18.50	19.00	25.83
Prepress technicians and workers	13.07	23.50	27.62	34.00	36.25
Printing machine operators	12.36	13.55	16.86	20.15	25.25
Laundry and dry-cleaning workers	8.77	9.06	10.25	11.50	13.93
Sewing machine operators	8.00	8.00	8.00	9.50	11.00
Textile machine setters, operators, and tenders	8.00	8.10	9.00	9.87	13.55
Miscellaneous textile, apparel, and furnishings workers	8.75	10.00	10.00	20.05	20.05
Upholsterers	8.75	8.75	10.00	20.05	21.69
Cabinetmakers and bench carpenters	10.76	10.76	14.00	16.57	17.73
Woodworking machine setters, operators, and tenders	8.62	10.50	12.50	14.00	19.00
Sawing machine setters, operators, and tenders, wood	9.11	11.50	13.00	15.10	19.00
Woodworking machine setters, operators, and tenders, except sawing	8.62	8.75	11.65	13.50	15.05
Stationary engineers and boiler operators	28.05	31.34	35.57	39.88	41.22
Water and liquid waste treatment plant and system operators	16.48	17.12	20.42	25.92	29.00
Miscellaneous plant and system operators	19.40	21.49	31.30	32.61	37.33
Petroleum pump system operators, refinery operators, and gaugers	27.61	30.13	32.56	34.59	37.33
Chemical processing machine setters, operators, and tenders	12.71	14.40	17.50	20.06	21.01
Separating, filtering, clarifying, precipitating, and still machine setters, operators, and tenders	12.86	17.50	17.50	20.81	27.50
Crushing, grinding, polishing, mixing, and blending workers	8.25	8.50	11.50	13.50	18.51
Mixing and blending machine setters, operators, and tenders	8.25	8.25	10.00	13.25	20.77
Cutting workers	8.25	10.25	14.68	18.00	19.50
Cutting and slicing machine setters, operators, and tenders	8.25	10.25	14.68	18.00	19.50
Extruding, forming, pressing, and compacting machine setters, operators, and tenders	9.67	9.67	14.88	18.17	25.94
Inspectors, testers, sorters, samplers, and weighers	9.00	11.29	14.99	20.53	30.02
Packaging and filling machine operators and tenders	8.20	9.42	12.50	19.05	22.76
Painting workers	8.00	9.00	12.00	19.00	22.50
Coating, painting, and spraying machine setters, operators, and tenders	8.00	9.25	10.50	16.44	20.28
Photographic process workers and processing machine operators	10.75	14.88	17.45	20.00	27.67
Semiconductor processors	11.91	15.02	17.54	20.60	22.71
Miscellaneous production workers	8.04	9.92	12.75	17.37	22.86
Helpers--production workers	8.00	8.08	10.00	13.00	16.00
Transportation and material moving occupations	8.75	11.00	15.25	20.63	25.89

See footnotes at end of table.

Table 9

Full-time civilian workers: Hourly wage percentiles¹ — Continued

Occupation ²	Wages fall at or below the following percentiles				
	10	25	50	75	90
Transportation and material moving occupations –Continued					
First-line supervisors/managers of helpers, laborers, and material movers, hand	\$15.92	\$17.14	\$23.08	\$26.97	\$31.59
First-line supervisors/managers of transportation and material-moving machine and vehicle operators	17.37	21.61	27.77	34.09	36.35
Aircraft pilots and flight engineers	19.68	41.48	111.53	158.07	163.29
Airline pilots, copilots, and flight engineers	19.68	41.48	111.53	158.07	163.29
Bus drivers	14.51	15.65	18.50	24.10	26.20
Bus drivers, transit and intercity	14.51	16.15	18.70	25.68	26.45
Bus drivers, school	13.96	15.11	18.47	19.52	20.68
Driver/sales workers and truck drivers	11.87	15.00	18.65	22.38	27.08
Driver/sales workers	10.50	14.47	15.20	18.27	22.97
Truck drivers, heavy and tractor-trailer	15.70	18.00	20.56	22.88	25.89
Truck drivers, light or delivery services	9.00	12.00	15.72	22.35	29.17
Taxi drivers and chauffeurs	8.00	8.50	8.75	14.21	17.17
Locomotive engineers and operators	22.12	26.16	29.00	43.18	43.18
Parking lot attendants	8.00	8.00	9.45	11.00	11.81
Service station attendants	8.40	8.75	9.50	23.60	23.60
Crane and tower operators	32.37	34.05	37.48	37.48	37.48
Dredge, excavating, and loading machine operators	17.51	20.26	21.00	24.92	28.27
Excavating and loading machine and dragline operators	17.51	20.26	20.45	24.92	27.85
Industrial truck and tractor operators	10.17	12.00	14.70	18.94	22.67
Laborers and material movers, hand	8.31	9.19	11.61	14.75	17.86
Cleaners of vehicles and equipment	8.25	9.41	11.50	13.75	16.75
Laborers and freight, stock, and material movers, hand	8.69	10.07	12.54	16.12	18.00
Machine feeders and offbearers	8.50	8.61	9.00	11.31	14.90
Packers and packagers, hand	8.00	8.14	9.16	11.00	16.50

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.