

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	\$10.20	\$14.07	\$20.78	\$32.83	\$46.95
Management occupations	24.00	32.21	42.52	57.69	71.06
Chief executives	45.57	66.35	87.50	144.23	156.14
General and operations managers	28.85	33.21	41.32	58.89	84.14
Advertising and promotions managers	25.00	29.11	31.23	33.15	41.74
Marketing and sales managers	25.15	33.46	46.15	63.46	75.84
Marketing managers	25.15	34.12	45.35	59.41	74.98
Sales managers	25.35	33.46	48.08	67.40	92.42
Public relations managers	21.64	26.04	38.46	53.85	74.31
Administrative services managers	28.69	29.87	38.46	44.23	48.81
Computer and information systems managers	38.17	45.08	56.55	65.00	75.43
Financial managers	25.00	32.65	43.32	62.50	73.28
Human resources managers	27.05	32.97	40.87	56.17	75.35
Industrial production managers	35.75	41.39	43.54	55.85	73.46
Purchasing managers	21.68	43.73	47.50	59.27	62.48
Transportation, storage, and distribution managers	26.49	29.55	33.67	51.74	53.85
Construction managers	32.00	39.31	47.12	50.00	57.69
Education administrators	19.41	26.63	47.47	58.35	64.04
Education administrators, preschool and child care center/program	14.68	18.03	19.41	21.18	24.99
Education administrators, elementary and secondary school ..	42.52	50.00	54.28	62.66	65.65
Education administrators, postsecondary	26.77	28.83	32.68	46.03	54.69
Engineering managers	37.79	53.69	62.13	69.91	84.49
Food service managers	16.00	19.51	20.58	34.29	49.04
Lodging managers	15.17	15.17	15.17	21.25	31.46
Medical and health services managers	29.10	35.40	47.53	55.14	65.07
Property, real estate, and community association managers	17.31	21.25	31.42	33.42	49.65
Social and community service managers	16.63	25.46	28.52	37.80	44.66
Business and financial operations occupations	20.19	24.64	31.25	39.42	48.56
Buyers and purchasing agents	21.52	25.94	31.25	37.45	55.60
Wholesale and retail buyers, except farm products	20.19	24.04	27.07	36.06	39.33
Purchasing agents, except wholesale, retail, and farm products	22.88	27.23	33.65	49.15	58.29
Claims adjusters, appraisers, examiners, and investigators	19.92	23.14	29.90	32.56	38.51
Claims adjusters, examiners, and investigators	20.94	23.94	30.20	32.56	38.91
Compliance officers, except agriculture, construction, health and safety, and transportation	22.86	24.97	28.90	35.96	52.79
Cost estimators	20.67	21.95	29.57	39.42	46.20
Human resources, training, and labor relations specialists	21.91	25.20	34.33	41.30	45.41
Employment, recruitment, and placement specialists	16.45	19.00	24.00	36.13	46.65
Compensation, benefits, and job analysis specialists	22.45	24.13	33.63	39.21	45.35
Training and development specialists	23.30	28.32	41.30	41.30	41.30
Logisticians	23.98	24.04	30.44	44.65	56.21
Management analysts	26.51	30.96	39.11	46.15	60.58
Meeting and convention planners	16.98	23.70	24.52	37.50	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					
Accountants and auditors	\$19.48	\$23.73	\$29.39	\$34.95	\$46.88
Appraisers and assessors of real estate	16.83	19.88	28.04	35.09	38.39
Budget analysts	25.15	25.56	28.26	37.61	48.07
Credit analysts	21.56	21.95	38.94	38.94	65.91
Financial analysts and advisors	21.45	26.95	34.67	42.79	49.80
Financial analysts	25.00	31.36	34.92	42.79	52.89
Personal financial advisors	15.38	21.45	37.86	47.36	48.25
Insurance underwriters	18.52	20.91	26.94	36.01	40.38
Loan counselors and officers	16.41	17.14	27.98	38.83	38.83
Loan counselors	21.00	21.42	21.62	24.06	26.67
Loan officers	16.41	16.41	28.24	38.83	38.83
Tax examiners, collectors, preparers, and revenue agents	15.03	17.82	21.73	26.97	35.62
Tax examiners, collectors, and revenue agents	15.55	21.73	24.97	28.57	35.62
Computer and mathematical science occupations					
Computer programmers	21.29	28.82	37.79	48.07	59.62
Computer software engineers	28.85	31.38	36.35	38.74	45.72
Computer software engineers, applications	32.86	37.52	45.67	55.91	64.90
Computer software engineers, systems software	32.86	36.19	42.06	51.71	59.86
Computer software engineers, systems software	32.65	39.69	49.85	60.20	68.33
Computer support specialists	16.22	21.07	24.94	34.38	39.90
Computer systems analysts	28.29	32.58	38.58	45.78	51.51
Database administrators	26.33	39.81	39.88	60.90	60.90
Network and computer systems administrators	21.14	22.28	36.43	47.21	52.89
Network systems and data communications analysts	19.10	22.05	31.98	38.96	46.88
Operations research analysts	26.75	26.75	32.70	45.09	68.27
Architecture and engineering occupations					
Architects, except naval	22.60	30.01	39.71	51.01	63.56
Architects, except landscape and naval	18.50	24.82	31.07	36.06	47.60
Architects, except landscape and naval	19.50	24.82	31.25	36.06	47.60
Engineers	30.36	36.86	45.66	56.15	66.57
Aerospace engineers	34.78	43.68	53.80	65.13	76.92
Civil engineers	25.51	31.81	42.77	49.77	56.99
Computer hardware engineers	32.69	38.84	47.85	59.59	69.43
Electrical and electronics engineers	26.01	38.63	47.21	60.58	78.62
Electrical engineers	33.08	39.35	48.11	63.56	69.80
Electronics engineers, except computer	24.35	38.63	46.64	59.33	83.17
Environmental engineers	17.79	27.50	34.37	50.97	50.97
Industrial engineers, including health and safety	29.82	35.78	37.41	46.91	58.85
Industrial engineers	28.71	34.22	38.83	50.48	59.76
Mechanical engineers	28.00	34.71	43.73	55.86	58.13
Petroleum engineers	30.32	40.02	48.42	62.26	62.36
Drafters	18.00	20.92	23.00	33.00	42.85
Architectural and civil drafters	17.00	20.00	22.20	30.00	39.20
Mechanical drafters	18.00	19.84	24.22	43.63	43.63
Engineering technicians, except drafters	20.46	25.78	30.00	36.06	40.50

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					
Aerospace engineering and operations technicians	\$25.53	\$30.76	\$32.69	\$36.85	\$41.83
Civil engineering technicians	13.62	25.91	27.86	32.00	39.39
Electrical and electronic engineering technicians	20.40	24.04	28.75	31.72	38.90
Surveying and mapping technicians	16.22	24.82	30.17	37.63	40.00
Life, physical, and social science occupations					
Life scientists	18.83	23.46	31.16	38.60	50.65
Biological scientists	19.48	22.82	29.93	42.31	50.96
Biological scientists	20.12	24.31	34.99	42.31	49.52
Biochemists and biophysicists	19.62	21.50	37.64	43.84	59.71
Conservation scientists and foresters	21.50	23.16	26.73	29.93	34.53
Conservation scientists	21.49	22.16	24.31	28.55	32.70
Medical scientists	17.61	21.09	30.17	51.47	94.99
Physical scientists	23.46	27.27	35.09	36.54	48.57
Chemists and materials scientists	24.52	26.68	32.34	39.52	51.33
Chemists	24.52	26.68	32.34	39.52	51.33
Environmental scientists and geoscientists	23.46	25.81	32.95	36.54	37.34
Environmental scientists and specialists, including health ..	25.00	30.19	35.09	35.09	37.93
Geoscientists, except hydrologists and geographers	23.46	23.46	31.16	36.54	36.54
Market and survey researchers	26.23	28.84	42.14	63.14	72.76
Market research analysts	26.23	28.84	42.14	63.14	72.76
Psychologists	23.07	27.22	37.85	44.54	50.39
Clinical, counseling, and school psychologists	23.07	27.22	37.20	44.54	51.13
Urban and regional planners	24.29	29.45	37.18	58.66	64.87
Agricultural and food science technicians	14.63	15.50	18.24	22.32	26.58
Biological technicians	16.05	19.74	22.23	29.20	37.23
Miscellaneous life, physical, and social science technicians	16.83	18.83	23.67	34.90	34.90
Environmental science and protection technicians, including health	18.83	23.67	34.90	34.90	34.90
Community and social services occupations					
Counselors	11.00	16.20	21.76	30.00	39.45
Substance abuse and behavioral disorder counselors	10.75	17.37	23.43	32.47	43.75
Substance abuse and behavioral disorder counselors	10.40	17.48	25.00	43.89	48.03
Educational, vocational, and school counselors	21.47	22.50	30.00	39.56	45.34
Mental health counselors	14.55	17.37	22.77	25.31	31.28
Social workers	16.20	19.77	25.81	31.76	39.23
Child, family, and school social workers	17.78	19.85	23.33	30.54	37.11
Medical and public health social workers	21.63	23.98	28.16	30.24	36.99
Mental health and substance abuse social workers	16.01	17.21	26.91	45.39	47.47
Miscellaneous community and social service specialists	10.50	12.26	18.00	24.31	32.45
Health educators	19.94	21.05	25.56	52.55	57.40
Probation officers and correctional treatment specialists	23.74	24.11	30.84	36.18	41.49
Social and human service assistants	10.30	11.00	12.98	17.39	19.37
Legal occupations					
Lawyers	20.00	26.94	39.58	52.30	79.33
Lawyers	34.85	45.16	52.30	72.12	96.38

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	\$15.00	\$22.46	\$31.01	\$37.50	\$41.35
Miscellaneous legal support workers00	19.33	23.67	37.56	39.23
Title examiners, abstractors, and searchers00	15.00	20.60	24.31	40.50
Education, training, and library occupations					
Postsecondary teachers	15.63	27.12	40.05	50.78	60.61
Math and computer teachers, postsecondary	23.08	31.08	45.55	63.20	87.17
Social sciences teachers, postsecondary	29.37	32.79	40.75	59.03	59.03
Health teachers, postsecondary	33.00	33.15	47.76	67.95	87.17
Health specialties teachers, postsecondary	23.21	39.00	57.69	88.82	104.74
Law, criminal justice, and social work teachers, postsecondary	22.50	42.17	69.58	91.22	111.19
Law teachers, postsecondary	49.38	60.80	60.80	81.30	98.21
Arts, communications, and humanities teachers, postsecondary	49.38	60.80	60.80	81.30	98.21
Art, drama, and music teachers, postsecondary	31.08	35.43	52.81	66.22	77.82
English language and literature teachers, postsecondary	31.08	31.08	49.81	57.95	68.97
Miscellaneous postsecondary teachers	32.23	33.72	39.15	42.59	68.24
Vocational education teachers, postsecondary	21.50	25.82	31.24	49.63	55.17
Primary, secondary, and special education school teachers	21.50	21.50	25.82	31.11	36.67
Preschool and kindergarten teachers	17.25	34.38	42.93	51.08	59.44
Preschool teachers, except special education	9.25	10.00	14.00	18.93	37.35
Kindergarten teachers, except special education	9.25	9.75	12.86	15.32	19.15
Elementary and middle school teachers	25.40	33.30	44.10	50.86	54.24
Elementary school teachers, except special education	29.80	37.65	44.69	52.63	59.56
Middle school teachers, except special and vocational education	31.47	38.22	45.09	53.31	59.57
Secondary school teachers	26.52	35.17	42.12	48.05	57.87
Secondary school teachers, except special and vocational education	30.93	37.46	44.39	51.06	60.47
Vocational education teachers, secondary school	31.91	37.50	44.69	51.11	60.51
Special education teachers	24.25	27.76	42.53	43.84	53.02
Special education teachers, preschool, kindergarten, and elementary school	30.93	36.61	45.97	54.76	61.02
Special education teachers, secondary school	29.66	35.27	45.68	54.77	59.69
Other teachers and instructors	35.75	41.08	46.59	58.32	70.70
Adult literacy, remedial education, and GED teachers and instructors	26.74	34.67	37.95	47.61	55.30
Librarians	37.35	40.63	42.42	52.05	56.91
Library technicians	25.00	29.58	31.57	44.39	48.65
Instructional coordinators	14.86	15.61	19.61	26.48	29.14
Teacher assistants	22.46	27.89	40.64	47.55	54.79
Designers	11.88	13.56	16.26	19.11	19.60
Arts, design, entertainment, sports, and media occupations					
Designers	18.24	20.50	26.39	38.06	52.88
Designers	18.24	20.50	24.68	39.44	50.07

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
Arts, design, entertainment, sports, and media occupations					
–Continued					
Graphic designers	\$18.32	\$20.10	\$24.68	\$35.31	\$46.94
Actors, producers, and directors	29.33	38.13	50.54	70.80	70.80
Producers and directors	29.33	38.13	50.54	70.80	70.80
News analysts, reporters and correspondents	14.51	19.30	24.76	27.65	32.00
Reporters and correspondents	14.51	19.30	24.76	27.65	32.00
Public relations specialists	18.27	20.22	26.39	29.86	34.47
Writers and editors	19.48	22.20	28.93	35.29	51.13
Editors	22.15	22.20	28.93	28.93	31.59
Technical writers	19.87	29.07	35.29	49.47	51.13
Miscellaneous media and communication workers	17.99	20.34	22.58	23.95	26.08
Broadcast and sound engineering technicians and radio operators	23.82	29.46	40.01	41.59	45.95
Television, video, and motion picture camera operators and editors	18.54	18.54	18.54	26.44	28.35
Healthcare practitioner and technical occupations					
Dietitians and nutritionists	15.72	21.69	32.64	44.71	57.25
Pharmacists	18.94	28.49	30.57	35.88	35.88
Physicians and surgeons	52.56	55.25	57.25	59.00	62.77
Physician assistants	11.74	13.15	53.76	100.96	140.87
Registered nurses	42.00	49.44	54.39	56.00	57.44
Therapists	28.34	34.58	40.63	47.52	56.07
Occupational therapists	28.84	33.13	38.44	46.06	50.58
Physical therapists	33.66	36.99	38.18	50.58	50.58
Respiratory therapists	32.00	35.10	40.43	46.18	58.28
Speech-language pathologists	26.32	28.59	31.64	34.39	41.01
Clinical laboratory technologists and technicians	30.09	34.54	36.79	45.52	50.08
Medical and clinical laboratory technologists	15.02	18.00	23.35	32.03	36.72
Medical and clinical laboratory technicians	22.17	27.05	32.21	36.25	44.81
Dental hygienists	13.46	16.23	19.25	22.72	29.44
Diagnostic related technologists and technicians	36.00	36.00	37.00	45.15	62.89
Radiologic technologists and technicians	19.05	25.00	31.33	36.54	43.89
Emergency medical technicians and paramedics	19.05	24.04	31.24	36.19	40.80
Health diagnosing and treating practitioner support technicians	10.69	11.88	12.25	15.90	22.98
Pharmacy technicians	15.21	18.05	22.00	26.45	29.19
Psychiatric technicians	12.00	14.99	17.56	23.95	26.30
Surgical technologists	20.00	26.45	26.45	28.06	29.19
Veterinary technologists and technicians	17.00	17.60	22.18	25.00	27.13
Licensed practical and licensed vocational nurses	14.98	16.36	21.84	22.00	23.00
Medical records and health information technicians	17.39	20.00	22.43	26.37	29.57
Opticians, dispensing	13.12	15.00	16.64	16.81	21.85
Miscellaneous health technologists and technicians	14.50	15.00	17.50	19.00	21.50
Occupational health and safety specialists and technicians	12.00	14.90	17.29	21.89	43.25
Occupational health and safety specialists	25.51	28.20	30.69	33.72	34.96
Occupational health and safety specialists	25.51	28.13	29.42	34.34	36.06

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 support occupations	\$9.83	\$11.34	\$14.00	\$17.82	\$22.66
Nursing, psychiatric, and home health aides	9.54	10.40	12.24	14.05	16.50
Home health aides	8.12	9.75	11.40	12.28	13.45
Nursing aides, orderlies, and attendants	9.54	10.37	12.21	13.95	15.86
Psychiatric aides	14.81	15.00	16.25	19.44	19.44
Miscellaneous healthcare support occupations	10.27	13.00	16.22	20.00	23.51
Dental assistants	10.90	15.83	17.60	20.00	25.16
Medical assistants	11.00	13.00	16.00	19.07	22.40
Medical transcriptionists	11.63	14.15	20.31	22.68	29.77
Protective service occupations	10.00	17.31	27.90	37.02	44.93
First-line supervisors/managers, law enforcement workers	31.78	38.15	46.43	53.14	57.23
First-line supervisors/managers of correctional officers	30.99	34.44	40.55	45.68	47.77
First-line supervisors/managers of police and detectives	32.92	40.09	49.79	54.83	57.84
First-line supervisors/managers of fire fighting and prevention workers	26.51	30.02	38.05	43.23	47.96
Fire fighters	19.72	24.58	29.56	34.63	39.11
Bailiffs, correctional officers, and jailers	18.54	22.36	29.16	36.20	37.21
Correctional officers and jailers	18.54	22.31	28.72	36.20	37.21
Detectives and criminal investigators	27.41	31.46	38.37	40.98	45.16
Police officers	28.16	32.52	36.79	42.57	47.46
Police and sheriff's patrol officers	28.16	32.52	36.79	42.57	47.46
Security guards and gaming surveillance officers	8.00	9.25	12.00	16.23	22.52
Security guards	8.00	9.25	11.92	16.03	22.33
Miscellaneous protective service workers	12.50	17.90	20.78	26.24	26.73
Lifeguards, ski patrol, and other recreational protective service workers	11.68	16.61	17.90	26.24	26.24
Food preparation and serving related occupations	8.00	8.55	10.74	14.10	18.61
First-line supervisors/managers, food preparation and serving workers	10.97	14.00	18.64	22.61	25.03
Chefs and head cooks	14.00	17.31	23.00	25.00	27.14
First-line supervisors/managers of food preparation and serving workers	10.97	13.80	18.61	22.20	24.84
Cooks	8.86	10.05	12.02	14.00	17.01
Cooks, fast food	8.00	8.50	8.99	10.50	12.50
Cooks, institution and cafeteria	10.75	12.06	13.74	17.01	21.63
Cooks, restaurant	9.45	10.50	12.30	14.00	16.49
Cooks, short order	8.75	9.50	11.00	12.00	13.50
Food preparation workers	8.00	8.00	9.00	14.14	16.38
Food service, tipped	8.00	8.00	8.24	9.00	10.66
Bartenders	8.02	8.55	9.00	10.50	12.50
Waiters and waitresses	7.51	8.00	8.03	8.40	8.55
Dining room and cafeteria attendants and bartender helpers ..	8.00	8.00	8.55	9.78	10.82
Fast food and counter workers	8.50	8.81	10.00	12.77	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
Food preparation and serving related occupations –Continued					
Combined food preparation and serving workers, including fast food	\$8.50	\$8.76	\$10.00	\$13.00	\$16.25
Counter attendants, cafeteria, food concession, and coffee shop	8.50	9.00	9.62	12.00	15.01
Food servers, nonrestaurant	8.39	9.11	10.51	13.53	15.26
Dishwashers	8.01	8.40	9.00	13.17	15.02
Hosts and hostesses, restaurant, lounge, and coffee shop	8.55	9.24	11.16	11.96	13.50
Building and grounds cleaning and maintenance occupations					
First-line supervisors/managers, building and grounds cleaning and maintenance workers	8.93	10.25	13.24	16.87	21.00
First-line supervisors/managers of housekeeping and janitorial workers	14.04	16.83	19.44	25.26	32.00
First-line supervisors/managers of landscaping, lawn service, and groundskeeping workers	14.00	16.49	19.44	22.48	27.53
Building cleaning workers	17.98	18.83	23.57	27.07	40.13
Janitors and cleaners, except maids and housekeeping cleaners	8.75	9.88	12.20	16.28	19.73
Maids and housekeeping cleaners	9.00	10.60	13.74	17.23	21.49
Grounds maintenance workers	8.40	8.98	10.66	12.51	16.67
Landscaping and groundskeeping workers	9.25	11.00	13.98	16.77	22.23
Landscaping and groundskeeping workers	9.25	10.66	13.15	16.00	19.00
Personal care and service occupations					
First-line supervisors/managers of gaming workers	8.00	9.51	12.00	16.85	21.10
Gaming supervisors	8.00	10.20	12.19	20.75	28.00
Gaming supervisors	8.00	8.00	15.00	26.00	29.00
First-line supervisors/managers of personal service workers	8.00	8.00	8.00	10.76	12.00
Gaming services workers	10.15	16.85	17.55	19.84	19.84
Gaming dealers	8.00	8.00	8.00	8.26	12.00
Miscellaneous entertainment attendants and related workers	8.25	8.44	9.52	11.46	12.83
Amusement and recreation attendants	7.77	8.25	8.44	9.45	9.52
Baggage porters, bellhops, and concierges	8.40	8.60	11.75	14.00	17.34
Baggage porters and bellhops	8.00	8.57	8.60	13.00	13.00
Concierges	8.57	10.15	12.42	15.05	18.96
Child care workers	8.22	9.91	10.75	13.00	15.66
Personal and home care aides	10.10	10.40	11.20	13.50	15.19
Recreation and fitness workers	12.00	14.00	15.61	20.28	25.74
Fitness trainers and aerobics instructors	15.48	15.48	20.19	22.27	26.12
Recreation workers	9.12	12.00	13.75	15.61	18.24
Sales and related occupations					
First-line supervisors/managers, sales workers	9.75	11.65	16.00	23.56	38.39
First-line supervisors/managers of retail sales workers	13.23	15.63	18.81	24.46	38.46
First-line supervisors/managers of retail sales workers	13.00	15.04	17.61	21.00	24.64
First-line supervisors/managers of non-retail sales workers	17.70	22.00	28.67	44.52	46.15
Retail sales workers	8.95	10.02	12.36	16.11	20.78
Cashiers, all workers	8.50	9.25	10.50	13.49	16.89

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
Sales and related occupations –Continued					
Cashiers	\$8.50	\$9.25	\$10.50	\$13.45	\$17.00
Counter and rental clerks and parts salespersons	10.17	12.69	15.81	20.75	23.21
Counter and rental clerks	12.00	12.69	13.52	20.33	32.30
Parts salespersons	10.17	13.21	16.91	20.80	23.21
Retail salespersons	9.75	11.05	13.30	17.31	22.68
Advertising sales agents	8.65	13.47	17.94	25.88	31.25
Insurance sales agents	17.88	25.21	26.44	38.96	70.77
Securities, commodities, and financial services sales agents	20.96	25.00	41.32	82.04	152.67
Travel agents	11.54	12.00	20.51	28.85	28.85
Sales representatives, wholesale and manufacturing	15.51	20.12	28.32	42.60	56.58
Sales representatives, wholesale and manufacturing, technical and scientific products	21.41	26.44	39.94	48.08	56.80
Sales representatives, wholesale and manufacturing, except technical and scientific products	14.43	18.75	25.01	36.37	52.73
Models, demonstrators, and product promoters	17.22	18.08	21.46	32.66	37.85
Demonstrators and product promoters	17.22	18.08	21.46	32.66	37.85
Real estate brokers and sales agents	11.94	13.00	16.25	26.44	52.16
Real estate sales agents	11.94	13.00	16.25	26.44	52.16
Telemarketers	10.00	11.65	11.65	18.00	18.96
Miscellaneous sales and related workers	12.00	15.37	17.32	23.56	30.60
Office and administrative support occupations	11.04	13.92	17.30	21.73	26.83
First-line supervisors/managers of office and administrative support workers	17.57	20.69	25.24	29.54	35.10
Switchboard operators, including answering service	12.00	12.00	12.38	17.05	19.47
Telephone operators	12.65	12.65	12.65	14.06	19.68
Financial clerks	12.72	14.53	17.95	21.01	24.97
Bill and account collectors	13.00	15.56	18.50	23.89	25.93
Billing and posting clerks and machine operators	13.00	14.08	16.00	19.82	21.87
Bookkeeping, accounting, and auditing clerks	13.85	16.15	19.00	21.25	25.57
Payroll and timekeeping clerks	13.70	17.37	19.68	22.57	24.97
Procurement clerks	13.21	14.42	17.23	21.83	23.02
Tellers	10.82	11.74	13.98	15.87	17.55
Brokerage clerks	11.64	18.49	20.81	22.40	34.61
Court, municipal, and license clerks	15.23	16.80	18.51	22.20	23.91
Credit authorizers, checkers, and clerks	14.60	14.60	19.23	21.51	23.28
Customer service representatives	10.36	13.00	16.20	20.71	27.44
Eligibility interviewers, government programs	15.19	16.99	19.02	21.50	24.26
File clerks	9.50	14.06	16.35	17.01	17.61
Hotel, motel, and resort desk clerks	8.50	9.38	11.00	13.99	16.75
Interviewers, except eligibility and loan	11.25	12.00	15.92	17.73	20.41
Library assistants, clerical	9.00	15.33	20.19	22.96	28.38
Loan interviewers and clerks	13.38	14.12	16.32	16.77	19.34
New accounts clerks	15.38	15.49	16.47	17.84	18.90
Order clerks	11.00	13.00	15.72	18.56	20.22

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					
Human resources assistants, except payroll and timekeeping	\$15.00	\$16.55	\$19.60	\$20.72	\$23.84
Receptionists and information clerks	10.00	12.02	14.42	17.03	22.20
Reservation and transportation ticket agents and travel clerks ...	11.96	13.53	19.15	21.76	22.96
Cargo and freight agents	12.72	16.27	37.50	40.00	40.00
Couriers and messengers	8.44	8.44	8.44	14.35	17.22
Dispatchers	11.20	13.91	20.96	25.42	32.53
Police, fire, and ambulance dispatchers	11.04	12.76	24.25	29.65	34.86
Dispatchers, except police, fire, and ambulance	12.00	14.00	20.11	22.00	27.64
Meter readers, utilities	20.21	22.31	23.61	28.57	31.11
Production, planning, and expediting clerks	15.29	16.12	20.59	27.00	35.77
Shipping, receiving, and traffic clerks	8.60	10.25	12.50	16.81	19.42
Stock clerks and order fillers	9.54	11.42	15.17	17.38	19.59
Weighers, measurers, checkers, and samplers, recordkeeping ...	10.52	14.25	17.89	19.55	21.82
Secretaries and administrative assistants	15.46	18.00	22.26	26.65	32.31
Executive secretaries and administrative assistants	16.58	19.92	23.28	27.07	31.86
Legal secretaries	17.17	21.92	30.51	33.17	35.54
Medical secretaries	10.00	16.20	20.01	24.01	35.68
Secretaries, except legal, medical, and executive	13.31	15.63	18.43	21.30	24.22
Data entry and information processing workers	11.05	13.18	15.25	17.16	19.53
Data entry keyers	9.80	11.14	13.18	14.65	16.75
Word processors and typists	14.25	15.25	16.36	17.94	22.79
Insurance claims and policy processing clerks	12.25	15.50	18.41	22.08	26.32
Mail clerks and mail machine operators, except postal service ..	8.00	9.79	11.15	12.72	14.88
Office clerks, general	11.06	13.15	15.76	19.05	22.41
Farming, fishing, and forestry occupations	8.00	12.00	17.78	25.24	25.42
Miscellaneous agricultural workers	12.00	13.27	13.94	14.67	18.09
Construction and extraction occupations	13.00	16.15	23.02	30.93	37.16
First-line supervisors/managers of construction trades and extraction workers	24.38	29.67	37.07	38.62	41.84
Carpenters	16.00	18.80	25.00	29.09	36.50
Cement masons, concrete finishers, and terrazzo workers	15.50	19.53	21.92	28.71	29.50
Cement masons and concrete finishers	15.50	19.53	21.92	28.71	29.50
Construction laborers	13.00	14.00	19.00	23.59	28.98
Construction equipment operators	19.45	21.44	24.31	33.96	35.84
Operating engineers and other construction equipment operators	19.45	22.67	28.26	34.33	37.75
Drywall installers, ceiling tile installers, and tapers	15.71	15.71	16.69	27.40	35.66
Drywall and ceiling tile installers	15.91	15.91	16.69	35.66	35.66
Tapers	15.71	15.71	15.71	24.00	34.31
Electricians	16.00	22.65	35.60	36.63	38.41
Glaziers	13.09	22.16	42.67	42.67	45.66
Painters and paperhangers	12.50	15.18	18.89	23.00	24.00
Painters, construction and maintenance	12.00	15.18	18.00	23.00	24.00

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
Construction and extraction occupations –Continued					
Pipelayers, plumbers, pipefitters, and steamfitters	\$20.47	\$22.94	\$30.00	\$35.60	\$39.82
Plumbers, pipefitters, and steamfitters	20.47	22.94	30.00	35.60	39.82
Roofers	10.00	11.00	14.00	20.00	22.00
Sheet metal workers	20.96	23.02	30.99	45.66	54.95
Structural iron and steel workers	23.31	23.51	26.65	33.62	34.01
Helpers, construction trades	9.50	11.37	15.00	20.31	26.33
Helpers--carpenters	11.50	14.00	15.00	16.10	20.00
Construction and building inspectors	19.47	21.55	31.72	34.35	34.35
Highway maintenance workers	15.24	17.87	22.03	23.01	23.94
Miscellaneous construction and related workers	11.05	11.05	11.05	14.44	25.82
Installation, maintenance, and repair occupations					
First-line supervisors/managers of mechanics, installers, and repairers	13.69	18.00	23.21	30.49	38.58
Computer, automated teller, and office machine repairers	19.00	26.54	36.82	45.64	56.25
Radio and telecommunications equipment installers and repairers	9.50	15.20	17.33	20.00	28.54
Telecommunications equipment installers and repairers, except line installers	20.06	25.87	29.88	32.59	34.41
Miscellaneous electrical and electronic equipment mechanics, installers, and repairers	20.06	25.87	29.88	32.59	34.41
Electrical and electronics repairers, commercial and industrial equipment	10.17	16.41	23.88	35.37	40.69
Electrical and electronics repairers, powerhouse, substation, and relay	22.50	23.50	29.01	33.74	47.21
Aircraft mechanics and service technicians	36.17	37.81	38.28	43.79	48.56
Automotive technicians and repairers	19.95	25.28	29.74	33.12	40.96
Automotive body and related repairers	12.50	16.75	21.41	28.34	34.71
Automotive service technicians and mechanics	12.64	18.59	24.00	27.50	34.71
Bus and truck mechanics and diesel engine specialists	11.40	16.75	21.41	28.34	34.30
Heavy vehicle and mobile equipment service technicians and mechanics	18.14	22.99	26.04	30.61	32.57
Mobile heavy equipment mechanics, except engines	18.23	22.93	26.32	28.76	30.97
Miscellaneous vehicle and mobile equipment mechanic, installers, and repairers	20.50	22.93	26.00	29.00	30.97
Heating, air conditioning, and refrigeration mechanics and installers	11.17	12.75	14.00	15.00	16.95
Industrial machinery installation, repair, and maintenance workers	18.66	24.00	30.00	43.41	48.92
Industrial machinery mechanics	13.84	16.94	21.75	27.80	34.22
Maintenance and repair workers, general	17.50	22.45	25.55	33.25	36.55
Maintenance workers, machinery	12.65	16.42	20.00	24.13	29.37
Line installers and repairers	12.40	13.84	17.50	23.69	31.93
Electrical power-line installers and repairers	17.25	24.34	33.50	34.16	43.92
Telecommunications line installers and repairers	29.80	33.50	38.78	44.02	45.61
	16.05	19.75	28.84	33.71	34.16

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
Installation, maintenance, and repair occupations –Continued					
Precision instrument and equipment repairers	\$19.62	\$21.01	\$21.01	\$25.25	\$29.94
Miscellaneous installation, maintenance, and repair workers	8.50	12.50	16.89	26.41	40.43
Production occupations					
First-line supervisors/managers of production and operating workers	9.00	11.00	15.00	20.95	28.85
Electrical, electronics, and electromechanical assemblers	16.59	19.66	25.36	32.30	39.44
Electrical and electronic equipment assemblers	8.57	9.54	12.59	14.90	17.87
Electromechanical equipment assemblers	8.84	9.00	12.59	12.59	14.90
Miscellaneous assemblers and fabricators	8.02	9.50	14.65	17.87	19.62
Team assemblers	8.54	10.00	13.05	18.00	21.10
Bakers	8.50	8.67	9.25	13.05	17.00
Butchers and other meat, poultry, and fish processing workers ..	9.00	10.42	11.28	13.25	17.36
Butchers and meat cutters	9.18	10.80	17.90	21.22	22.00
Miscellaneous food processing workers	11.00	13.50	19.84	21.22	22.00
Food batchmakers	9.50	9.90	12.44	14.64	20.83
Food cooking machine operators and tenders	9.82	11.00	13.75	16.05	20.83
Computer control programmers and operators	9.10	9.50	10.00	10.10	10.92
Computer-controlled machine tool operators, metal and plastic	14.10	18.00	20.00	23.50	30.00
Forming machine setters, operators, and tenders, metal and plastic	13.00	16.75	18.71	23.64	30.00
Machine tool cutting setters, operators, and tenders, metal and plastic	11.34	12.00	14.45	18.15	22.09
Cutting, punching, and press machine setters, operators, and tenders, metal and plastic	9.00	10.87	14.39	18.54	21.77
Grinding, lapping, polishing, and buffing machine tool setters, operators, and tenders, metal and plastic	12.83	14.74	17.54	20.79	27.00
Lathe and turning machine tool setters, operators, and tenders, metal and plastic	8.56	9.73	10.87	14.63	17.79
Machinists	8.50	9.75	11.50	18.54	21.77
Molders and molding machine setters, operators, and tenders, metal and plastic	17.25	20.50	24.85	29.65	34.75
Multiple machine tool setters, operators, and tenders, metal and plastic	11.00	13.26	15.05	17.30	18.60
Tool and die makers	10.93	11.28	12.00	14.94	15.01
Welding, soldering, and brazing workers	19.50	20.00	23.19	26.30	29.40
Welders, cutters, solderers, and brazers	12.00	16.46	19.40	25.88	27.10
Welding, soldering, and brazing machine setters, operators, and tenders	12.36	16.00	20.07	25.88	27.10
Miscellaneous metalworkers and plastic workers	11.71	16.46	17.30	17.63	28.45
Bookbinders and bindery workers	11.00	13.11	16.30	22.13	22.13
Bindery workers	9.00	10.25	12.00	16.25	24.56
Printers	9.00	10.25	12.00	16.25	24.56
Job printers	11.53	13.50	17.16	23.00	27.55
Job printers	10.00	12.00	17.00	19.00	27.50

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					
Prepress technicians and workers	\$13.50	\$20.44	\$24.30	\$27.83	\$30.00
Printing machine operators	11.24	12.86	15.84	19.70	25.00
Laundry and dry-cleaning workers	8.75	9.58	10.82	12.75	14.57
Sewing machine operators	8.00	8.00	9.74	10.50	11.00
Tailors, dressmakers, and sewers	8.00	8.00	13.00	20.00	22.61
Tailors, dressmakers, and custom sewers	8.00	8.00	13.00	20.00	22.61
Textile machine setters, operators, and tenders	8.00	8.20	9.00	12.00	13.15
Miscellaneous textile, apparel, and furnishings workers	10.00	10.23	14.54	20.22	29.13
Cabinetmakers and bench carpenters	11.30	14.00	14.00	16.00	17.00
Woodworking machine setters, operators, and tenders	8.71	11.00	12.25	14.13	21.50
Sawing machine setters, operators, and tenders, wood	9.19	11.70	13.00	19.00	22.12
Woodworking machine setters, operators, and tenders, except sawing	8.71	9.19	12.10	14.13	19.79
Stationary engineers and boiler operators	24.81	27.26	31.24	32.34	38.22
Water and liquid waste treatment plant and system operators	16.87	17.12	26.09	35.17	38.38
Miscellaneous plant and system operators	19.60	32.20	34.22	35.31	37.33
Chemical processing machine setters, operators, and tenders	13.12	17.60	20.00	21.54	26.53
Separating, filtering, clarifying, precipitating, and still machine setters, operators, and tenders	13.34	18.40	20.00	21.54	26.53
Crushing, grinding, polishing, mixing, and blending workers	8.25	10.00	12.60	15.54	18.31
Mixing and blending machine setters, operators, and tenders	8.25	8.50	10.79	14.00	20.77
Cutting workers	8.75	11.32	15.50	20.10	23.81
Cutting and slicing machine setters, operators, and tenders	8.75	11.00	19.50	20.10	23.81
Inspectors, testers, sorters, samplers, and weighers	9.19	12.00	15.23	20.93	30.59
Packaging and filling machine operators and tenders	9.00	10.50	13.10	19.40	23.32
Painting workers	8.00	9.50	13.00	24.75	36.06
Coating, painting, and spraying machine setters, operators, and tenders	8.00	9.25	9.95	13.00	16.63
Painters, transportation equipment	13.00	17.55	29.39	36.06	36.06
Semiconductor processors	12.44	15.09	18.10	20.82	23.07
Miscellaneous production workers	8.04	9.85	12.82	17.63	23.22
Paper goods machine setters, operators, and tenders	9.18	13.50	20.95	23.48	28.82
Helpers--production workers	8.00	8.00	9.85	13.00	15.61
Transportation and material moving occupations	8.75	10.75	15.55	21.03	26.82
First-line supervisors/managers of helpers, laborers, and material movers, hand	16.17	17.76	22.09	23.64	31.33
First-line supervisors/managers of transportation and material-moving machine and vehicle operators	16.70	22.78	29.38	34.55	37.35
Aircraft pilots and flight engineers	25.77	69.66	113.21	165.74	165.74
Airline pilots, copilots, and flight engineers	36.06	69.66	113.21	165.74	165.74
Bus drivers	14.64	16.15	19.48	25.13	27.31
Bus drivers, transit and intercity	15.54	16.33	24.08	25.68	27.92
Bus drivers, school	14.39	14.64	18.30	19.48	21.09
Driver/sales workers and truck drivers	11.52	15.87	19.53	23.51	29.64

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
Transportation and material moving occupations –Continued					
Driver/sales workers	\$10.86	\$14.91	\$14.91	\$19.71	\$24.43
Truck drivers, heavy and tractor-trailer	16.24	18.38	20.20	22.92	26.59
Truck drivers, light or delivery services	9.71	12.00	17.52	25.31	30.02
Taxi drivers and chauffeurs	8.00	8.00	8.75	9.25	11.00
Parking lot attendants	7.95	8.00	9.00	10.32	12.10
Service station attendants	8.40	8.70	17.46	23.60	23.60
Crane and tower operators	27.37	34.78	38.48	38.48	38.48
Dredge, excavating, and loading machine operators	19.50	20.26	21.00	24.84	29.67
Excavating and loading machine and dragline operators	19.31	20.26	21.00	24.84	28.85
Industrial truck and tractor operators	9.90	11.94	14.99	18.90	22.00
Laborers and material movers, hand	8.25	9.00	11.59	14.81	18.07
Cleaners of vehicles and equipment	8.00	9.50	12.50	14.23	16.75
Laborers and freight, stock, and material movers, hand	8.51	9.42	12.45	16.10	18.70
Machine feeders and offbearers	8.50	8.82	9.00	10.00	13.00
Packers and packagers, hand	8.00	8.25	9.23	11.70	16.75

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.