

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	\$10.00	\$12.80	\$17.96	\$27.03	\$38.20
Management occupations	21.93	28.85	38.47	51.47	64.60
Chief executives	42.40	50.06	88.27	124.25	164.11
General and operations managers	21.39	27.92	36.09	47.58	61.90
Advertising and promotions managers	12.50	18.27	31.23	36.72	58.89
Marketing and sales managers	24.28	33.03	41.83	59.62	75.06
Marketing managers	28.69	34.40	45.19	55.10	77.10
Sales managers	24.28	32.35	38.70	64.60	75.06
Public relations managers	26.95	28.51	31.52	43.27	54.14
Administrative services managers	21.47	26.52	32.21	38.36	48.24
Computer and information systems managers	33.41	40.28	48.72	62.44	68.62
Financial managers	21.50	25.91	34.26	43.95	62.50
Human resources managers	18.68	26.01	31.25	40.87	51.45
Training and development managers	19.66	26.01	33.12	42.95	42.95
Industrial production managers	26.44	31.48	40.92	46.58	52.66
Purchasing managers	29.97	30.12	39.69	99.32	99.32
Transportation, storage, and distribution managers	15.57	19.04	32.15	42.76	53.33
Construction managers	22.56	26.97	32.91	44.83	65.64
Education administrators	22.14	33.79	46.18	57.00	63.15
Education administrators, preschool and child care center/program	18.59	18.59	33.68	33.68	54.47
Education administrators, elementary and secondary school ..	31.00	41.10	45.89	55.18	60.06
Education administrators, postsecondary	20.36	24.04	51.47	57.00	74.76
Engineering managers	36.00	40.16	53.38	58.17	76.03
Medical and health services managers	29.85	33.67	39.35	47.24	60.10
Property, real estate, and community association managers	13.75	15.80	18.07	28.29	51.44
Social and community service managers	16.43	22.46	29.28	32.64	35.33
Business and financial operations occupations	18.08	20.97	27.40	34.68	44.58
Buyers and purchasing agents	20.71	23.45	27.65	34.09	43.32
Wholesale and retail buyers, except farm products	24.98	28.63	34.89	41.38	52.68
Purchasing agents, except wholesale, retail, and farm products	20.71	23.00	26.23	31.20	40.39
Claims adjusters, appraisers, examiners, and investigators	18.52	20.81	27.65	32.80	35.38
Claims adjusters, examiners, and investigators	18.52	20.81	27.65	32.80	35.38
Compliance officers, except agriculture, construction, health and safety, and transportation	18.69	18.70	22.89	24.77	29.09
Cost estimators	14.35	19.29	24.04	33.96	44.58
Human resources, training, and labor relations specialists	18.43	21.20	28.65	36.04	44.72
Employment, recruitment, and placement specialists	17.33	20.21	20.21	29.94	39.17
Compensation, benefits, and job analysis specialists	16.80	23.39	25.96	35.11	39.80
Training and development specialists	22.34	25.24	29.12	32.03	38.13
Logisticians	17.14	19.84	23.51	31.56	35.85
Management analysts	22.84	29.88	37.45	49.62	62.78
Accountants and auditors	19.40	21.51	26.44	33.11	41.01
Appraisers and assessors of real estate	14.00	20.12	22.71	32.84	35.64

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
Business and financial operations occupations —Continued					
Budget analysts	\$25.04	\$25.77	\$28.85	\$33.71	\$46.93
Credit analysts	17.41	17.41	23.51	35.48	42.43
Financial analysts and advisors	19.40	23.61	28.61	41.15	48.85
Financial analysts	20.19	25.19	29.47	42.79	56.85
Personal financial advisors	13.39	15.51	17.75	21.93	24.62
Insurance underwriters	19.71	21.56	28.39	42.79	47.73
Loan counselors and officers	15.56	16.00	22.78	35.06	43.92
Loan officers	15.56	15.87	22.78	35.19	43.92
Computer and mathematical science occupations					
Computer programmers	18.59	23.79	31.16	38.95	45.70
Computer software engineers	22.34	25.00	31.43	37.02	41.03
Computer software engineers, applications	24.52	31.24	38.46	44.18	51.97
Computer software engineers, systems software	25.00	30.30	37.02	43.13	48.11
Computer software engineers, systems software	24.04	32.89	40.43	44.65	53.56
Computer support specialists	13.14	17.04	20.11	25.21	32.01
Computer systems analysts	25.66	30.83	36.08	42.21	48.53
Database administrators	23.13	24.96	33.33	39.91	46.88
Network and computer systems administrators	20.00	23.77	27.01	33.65	40.98
Network systems and data communications analysts	22.71	22.71	27.92	31.85	38.17
Actuaries	28.06	28.21	35.03	45.38	54.66
Operations research analysts	23.24	25.92	30.50	40.15	41.92
Architecture and engineering occupations					
Architects, except naval	20.97	26.26	31.80	39.55	47.17
Architects, except naval	23.08	25.90	30.77	31.25	47.17
Architects, except landscape and naval	21.63	25.90	30.53	30.87	47.17
Engineers	26.26	29.91	36.06	42.92	50.29
Chemical engineers	33.69	34.57	49.88	53.50	60.86
Civil engineers	26.26	30.29	34.86	40.00	44.95
Computer hardware engineers	21.39	21.39	24.52	29.69	46.63
Electrical and electronics engineers	25.70	27.75	33.39	37.92	45.02
Electrical engineers	21.96	26.83	29.57	38.27	45.43
Electronics engineers, except computer	28.89	31.56	34.13	37.43	44.39
Industrial engineers, including health and safety	25.01	27.01	34.77	40.59	47.39
Industrial engineers	25.26	27.09	35.02	40.59	46.56
Materials engineers	23.18	27.85	36.38	44.38	60.01
Mechanical engineers	26.49	30.92	36.17	41.36	46.90
Drafters	15.75	18.00	23.15	29.37	36.46
Architectural and civil drafters	15.42	18.00	26.92	36.46	36.46
Mechanical drafters	17.00	20.50	23.15	28.59	29.37
Engineering technicians, except drafters	17.37	20.57	24.51	30.54	34.72
Civil engineering technicians	22.26	22.81	22.82	25.46	28.77
Electrical and electronic engineering technicians	17.56	20.00	23.16	26.71	36.45
Electro-mechanical technicians	17.37	23.03	25.82	26.83	28.24
Industrial engineering technicians	19.87	21.50	24.74	26.44	29.50
Mechanical engineering technicians	18.91	21.35	26.65	28.96	32.69

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
Life, physical, and social science occupations	\$16.75	\$19.84	\$26.88	\$37.98	\$49.78
Life scientists	17.79	19.76	27.71	33.22	42.97
Biological scientists	18.46	25.48	30.83	34.28	42.97
Medical scientists	16.70	18.86	22.83	30.32	60.94
Physical scientists	22.52	25.72	37.05	46.44	54.49
Chemists and materials scientists	23.36	26.03	37.40	48.08	59.65
Chemists	23.36	25.83	36.97	46.34	59.65
Environmental scientists and geoscientists	18.62	22.52	33.06	39.55	40.54
Environmental scientists and specialists, including health ..	18.03	23.42	33.28	37.05	48.43
Market and survey researchers	17.52	17.52	27.12	36.33	38.75
Market research analysts	17.52	17.52	24.04	37.21	38.75
Psychologists	18.27	23.15	39.02	61.62	71.92
Clinical, counseling, and school psychologists	18.27	23.15	39.02	61.62	71.92
Urban and regional planners	22.98	27.13	34.33	44.53	44.53
Biological technicians	14.42	16.89	19.42	23.39	24.52
Chemical technicians	16.66	18.64	24.03	26.93	30.42
Miscellaneous life, physical, and social science technicians	13.93	15.89	16.83	21.62	24.40
Community and social services occupations	13.25	15.24	18.27	23.28	30.53
Counselors	13.47	15.49	17.91	20.84	37.26
Educational, vocational, and school counselors	14.54	17.39	19.38	31.33	51.49
Rehabilitation counselors	10.50	13.08	15.87	20.47	20.47
Social workers	13.98	16.67	19.56	25.00	31.17
Child, family, and school social workers	13.98	16.02	19.47	27.63	38.29
Medical and public health social workers	18.27	19.09	22.50	27.22	30.18
Mental health and substance abuse social workers	13.51	14.75	17.17	22.12	25.27
Miscellaneous community and social service specialists	11.00	13.74	16.40	23.37	29.22
Probation officers and correctional treatment specialists	17.13	22.24	24.99	28.32	32.33
Social and human service assistants	10.00	12.50	14.05	15.99	19.35
Clergy	16.52	16.52	17.24	21.08	22.79
Legal occupations	19.23	24.66	34.89	57.69	84.67
Lawyers	23.79	31.29	50.25	69.04	84.67
Paralegals and legal assistants	14.43	21.69	32.58	44.10	44.10
Miscellaneous legal support workers	16.15	17.25	21.40	27.27	28.93
Title examiners, abstractors, and searchers	16.15	16.15	19.70	27.27	27.27
Education, training, and library occupations	12.00	22.30	36.33	46.43	58.78
Postsecondary teachers	25.09	33.24	43.37	57.82	81.04
Business teachers, postsecondary	26.50	26.50	26.50	50.43	74.13
Math and computer teachers, postsecondary	33.51	42.52	48.05	62.21	79.68
Computer science teachers, postsecondary	39.88	47.98	62.21	66.19	85.32
Mathematical science teachers, postsecondary	33.51	39.46	46.92	55.63	62.38
Engineering and architecture teachers, postsecondary	50.17	57.41	66.78	72.10	105.43
Engineering teachers, postsecondary	49.07	57.85	68.45	89.48	105.43
Life sciences teachers, postsecondary	16.50	19.26	43.99	61.07	150.95

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					
Biological science teachers, postsecondary	\$16.48	\$19.23	\$43.99	\$61.07	\$150.95
Social sciences teachers, postsecondary	31.67	33.17	36.70	46.63	64.88
Sociology teachers, postsecondary	35.16	36.70	39.56	50.35	52.39
Health teachers, postsecondary	22.87	31.20	49.60	80.46	89.94
Health specialties teachers, postsecondary	22.64	24.04	52.80	89.19	89.94
Nursing instructors and teachers, postsecondary	33.32	35.92	39.36	52.46	58.82
Education and library science teachers, postsecondary	34.50	36.82	41.39	44.82	49.88
Education teachers, postsecondary	34.50	36.82	41.39	44.82	49.88
Law, criminal justice, and social work teachers, postsecondary	34.68	52.90	88.27	89.81	102.54
Arts, communications, and humanities teachers, postsecondary	29.36	35.53	41.82	52.32	63.60
Art, drama, and music teachers, postsecondary	29.47	37.72	40.33	41.21	44.43
English language and literature teachers, postsecondary	28.12	33.33	40.01	47.44	61.72
Philosophy and religion teachers, postsecondary	21.80	41.63	41.82	46.67	57.82
Miscellaneous postsecondary teachers	24.14	32.42	43.04	43.77	58.78
Vocational education teachers, postsecondary	17.77	39.04	48.24	78.70	78.70
Primary, secondary, and special education school teachers	24.61	31.70	40.25	48.15	58.00
Preschool and kindergarten teachers	9.00	10.93	13.08	27.02	43.48
Preschool teachers, except special education	9.00	9.84	13.00	13.58	15.75
Kindergarten teachers, except special education	28.17	32.80	36.52	48.02	55.94
Elementary and middle school teachers	26.56	32.86	41.24	48.72	58.37
Elementary school teachers, except special education	27.24	33.49	41.74	48.96	59.05
Middle school teachers, except special and vocational education	25.43	31.54	39.82	47.59	56.76
Secondary school teachers	27.13	33.37	41.50	49.98	58.81
Secondary school teachers, except special and vocational education	27.02	33.03	41.02	49.67	58.94
Vocational education teachers, secondary school	36.41	38.23	45.61	53.15	56.42
Special education teachers	26.28	32.15	40.25	46.25	58.14
Special education teachers, preschool, kindergarten, and elementary school	25.60	31.41	40.44	47.29	57.38
Special education teachers, middle school	28.27	32.57	36.35	45.37	51.96
Special education teachers, secondary school	27.59	32.27	40.25	49.66	60.25
Other teachers and instructors	19.89	22.71	32.03	38.46	54.94
Adult literacy, remedial education, and GED teachers and instructors	18.94	18.94	33.76	42.62	56.51
Librarians	19.02	21.91	26.54	43.95	69.12
Library technicians	13.16	14.20	14.81	15.63	18.80
Instructional coordinators	23.45	25.31	33.50	38.99	39.98
Teacher assistants	9.27	10.08	11.65	14.05	17.11
Arts, design, entertainment, sports, and media occupations					
Designers	11.10	14.92	19.24	26.54	34.23
Commercial and industrial designers	11.40	16.88	19.24	27.40	33.30
	18.03	25.30	36.11	48.14	51.56

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	\$12.37	\$17.65	\$19.24	\$26.54	\$28.13
Athletes, coaches, umpires, and related workers	10.47	14.43	14.54	18.58	40.06
Coaches and scouts	10.47	14.43	14.54	18.58	40.06
News analysts, reporters and correspondents	10.58	12.25	15.71	21.76	32.30
Reporters and correspondents	10.58	12.25	15.71	21.76	32.30
Public relations specialists	18.87	21.51	21.64	22.22	31.77
Writers and editors	14.92	17.50	22.77	31.25	34.23
Editors	13.90	15.59	22.77	31.53	38.23
Technical writers	17.29	19.02	24.13	31.25	33.19
Broadcast and sound engineering technicians and radio operators	11.70	17.51	19.23	21.52	21.85
Healthcare practitioner and technical occupations					
Dietitians and nutritionists	15.70	20.68	26.54	33.02	47.83
Pharmacists	18.69	20.13	23.25	24.94	27.23
Physicians and surgeons	49.52	51.08	52.53	54.75	57.00
Family and general practitioners	22.39	32.98	99.02	150.00	204.33
Internists, general	23.13	76.92	105.15	151.66	190.99
Psychiatrists	47.12	64.50	86.53	89.47	107.60
Registered nurses	32.98	32.98	75.46	81.37	99.02
Therapists	23.51	25.75	29.29	33.52	39.92
Occupational therapists	20.89	24.39	27.40	34.34	41.50
Physical therapists	26.54	27.33	29.92	34.34	34.92
Recreational therapists	24.25	29.81	34.19	38.00	41.21
Respiratory therapists	18.56	19.59	21.05	28.46	32.61
Speech-language pathologists	20.00	22.30	24.15	26.39	27.67
Clinical laboratory technologists and technicians	24.57	27.32	37.00	48.13	59.07
Medical and clinical laboratory technologists	13.29	17.51	20.73	25.85	29.22
Medical and clinical laboratory technicians	20.70	22.57	25.85	29.22	30.49
Dental hygienists	12.44	15.18	19.75	20.96	25.86
Diagnostic related technologists and technicians	25.00	27.50	32.00	33.48	40.00
Cardiovascular technologists and technicians	19.33	22.98	27.58	34.61	41.58
Diagnostic medical sonographers	16.00	19.57	31.21	51.28	65.05
Radiologic technologists and technicians	24.50	28.09	34.66	40.59	49.57
Emergency medical technicians and paramedics	19.33	22.07	26.39	29.59	35.92
Health diagnosing and treating practitioner support technicians	12.21	14.58	16.07	21.67	29.32
Pharmacy technicians	11.00	13.65	15.00	18.14	20.94
Psychiatric technicians	9.69	12.20	14.20	15.93	16.92
Surgical technologists	11.00	11.44	12.68	14.36	15.81
Licensed practical and licensed vocational nurses	14.21	17.50	18.62	20.87	23.08
Medical records and health information technicians	15.40	17.30	19.18	21.63	24.72
Miscellaneous health technologists and technicians	10.25	12.28	16.51	19.12	25.67
Occupational health and safety specialists and technicians	9.14	14.33	18.03	21.32	25.24
Occupational health and safety specialists	16.04	22.68	27.67	31.22	36.43
Occupational health and safety specialists	15.70	21.77	26.39	32.95	42.06

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	\$9.00	\$10.30	\$12.00	\$14.35	\$17.00
Nursing, psychiatric, and home health aides	9.00	10.00	11.19	13.20	15.53
Home health aides	8.25	8.95	9.76	11.25	12.22
Nursing aides, orderlies, and attendants	9.22	10.35	11.53	13.46	15.50
Psychiatric aides	9.50	10.79	12.72	16.10	18.15
Physical therapist assistants and aides	11.47	12.18	14.66	20.35	22.47
Physical therapist assistants	19.69	20.31	20.35	22.47	25.46
Physical therapist aides	11.47	11.96	12.18	12.50	16.23
Miscellaneous healthcare support occupations	9.00	11.60	13.19	15.99	18.50
Dental assistants	9.00	9.00	12.00	16.50	19.45
Medical assistants	10.60	12.37	13.73	16.97	19.24
Medical equipment preparers	11.77	12.33	13.18	15.41	16.72
Medical transcriptionists	11.33	11.33	14.50	16.94	18.20
Pharmacy aides	8.38	9.00	10.43	13.78	16.27
Protective service occupations	10.00	13.00	20.59	27.02	32.69
First-line supervisors/managers, law enforcement workers	22.12	29.05	32.69	37.84	42.08
First-line supervisors/managers of correctional officers	20.24	24.54	29.05	29.96	31.58
First-line supervisors/managers of police and detectives	22.12	30.90	32.87	40.16	43.44
First-line supervisors/managers of fire fighting and prevention workers	13.58	18.60	26.58	32.21	32.21
Fire fighters	16.85	19.67	22.40	25.89	29.32
Bailiffs, correctional officers, and jailers	13.95	16.08	20.53	24.75	26.97
Correctional officers and jailers	13.60	15.99	20.48	24.10	25.94
Detectives and criminal investigators	23.21	28.50	29.42	33.90	34.60
Police officers	19.95	24.73	28.43	32.82	35.10
Police and sheriff's patrol officers	19.95	24.73	28.43	32.82	35.10
Security guards and gaming surveillance officers	8.00	9.88	11.19	13.00	16.00
Security guards	8.00	9.78	11.19	12.60	16.03
Miscellaneous protective service workers	6.97	9.78	13.21	18.64	24.41
Food preparation and serving related occupations	3.65	7.75	9.76	12.24	15.04
First-line supervisors/managers, food preparation and serving workers	10.50	12.13	15.00	17.22	21.64
Chefs and head cooks	10.57	11.50	13.15	18.91	20.75
First-line supervisors/managers of food preparation and serving workers	10.30	12.30	15.00	17.08	21.64
Cooks	8.00	9.25	11.00	12.77	15.08
Cooks, fast food	7.20	8.00	8.00	9.25	9.47
Cooks, institution and cafeteria	8.99	10.06	12.21	14.11	16.76
Cooks, restaurant	8.00	9.50	10.82	12.48	14.50
Food preparation workers	7.45	8.25	9.90	10.75	12.73
Food service, tipped	2.35	3.25	4.00	7.75	9.00
Bartenders	4.00	4.75	8.00	8.59	10.00
Waiters and waitresses	2.17	2.60	3.56	4.00	4.80
Dining room and cafeteria attendants and bartender helpers ..	5.15	7.75	8.25	9.31	11.48

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					
Fast food and counter workers	\$7.40	\$8.19	\$9.40	\$10.85	\$13.01
Combined food preparation and serving workers, including fast food	7.25	8.14	9.40	10.50	12.69
Counter attendants, cafeteria, food concession, and coffee shop	7.50	8.49	10.00	12.67	13.01
Food servers, nonrestaurant	7.25	8.32	10.21	13.30	13.78
Dishwashers	7.30	7.68	8.20	10.19	14.00
Hosts and hostesses, restaurant, lounge, and coffee shop	4.25	4.25	7.75	10.00	13.51
Building and grounds cleaning and maintenance occupations	8.19	9.57	12.04	15.00	19.23
First-line supervisors/managers, building and grounds cleaning and maintenance workers	11.55	17.43	20.02	21.74	25.04
First-line supervisors/managers of housekeeping and janitorial workers	11.55	12.19	20.43	21.09	23.41
First-line supervisors/managers of landscaping, lawn service, and groundskeeping workers	12.57	17.74	20.02	21.87	25.92
Building cleaning workers	8.11	9.34	11.84	14.36	17.49
Janitors and cleaners, except maids and housekeeping cleaners	8.50	9.65	12.15	14.73	17.82
Maids and housekeeping cleaners	7.75	8.34	9.92	12.67	14.36
Grounds maintenance workers	9.29	10.00	13.23	17.31	20.12
Landscaping and groundskeeping workers	9.00	10.00	12.00	15.26	20.12
Personal care and service occupations	7.25	9.00	10.98	16.15	21.94
First-line supervisors/managers of gaming workers	10.49	10.49	14.56	22.00	27.48
First-line supervisors/managers of personal service workers	9.18	12.81	16.15	18.68	22.37
Gaming services workers	5.50	6.51	7.83	12.48	12.67
Gaming dealers	5.30	5.95	6.81	8.06	9.08
Miscellaneous entertainment attendants and related workers	7.20	7.25	7.25	7.85	11.59
Amusement and recreation attendants	7.20	7.25	7.25	7.85	11.59
Barbers and cosmetologists	3.65	5.15	11.15	20.57	27.55
Hairdressers, hairstylists, and cosmetologists	3.65	5.15	11.15	20.57	27.55
Transportation attendants	12.88	17.50	30.40	32.30	44.55
Flight attendants	16.86	18.50	32.30	41.69	44.55
Child care workers	7.78	8.55	10.00	11.05	13.57
Personal and home care aides	8.08	8.58	9.94	10.80	11.68
Recreation and fitness workers	6.40	9.70	17.60	19.16	24.22
Recreation workers	6.40	10.54	18.03	19.40	26.15
Sales and related occupations	9.25	11.22	15.58	23.71	37.04
First-line supervisors/managers, sales workers	11.70	13.80	18.80	26.06	45.94
First-line supervisors/managers of retail sales workers	10.95	13.50	17.75	23.30	31.11
First-line supervisors/managers of non-retail sales workers ...	14.82	21.57	28.65	46.75	61.90
Retail sales workers	8.16	9.70	11.50	14.63	19.27
Cashiers, all workers	7.75	8.76	10.30	12.16	14.52

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	\$7.75	\$8.76	\$10.20	\$12.10	\$14.48
Counter and rental clerks and parts salespersons	9.00	10.00	13.45	18.05	24.34
Counter and rental clerks	7.75	9.50	12.22	15.54	24.34
Parts salespersons	9.86	11.05	14.00	18.76	23.96
Retail salespersons	8.88	10.13	12.09	15.83	21.26
Advertising sales agents	13.22	17.79	19.87	25.64	28.87
Insurance sales agents	14.42	15.24	21.35	27.90	29.32
Securities, commodities, and financial services sales agents	16.83	22.71	42.68	57.63	72.12
Sales representatives, wholesale and manufacturing	16.00	19.11	25.97	34.62	55.42
Sales representatives, wholesale and manufacturing, technical and scientific products	19.95	24.27	31.25	55.42	58.01
Sales representatives, wholesale and manufacturing, except technical and scientific products	15.19	17.90	23.31	29.67	38.33
Real estate brokers and sales agents	11.41	11.41	12.50	15.45	22.21
Real estate sales agents	10.88	11.41	12.50	14.53	28.40
Telemarketers	8.99	10.45	11.25	21.27	26.36
Miscellaneous sales and related workers	10.50	13.20	15.61	20.90	36.50
Office and administrative support occupations	10.34	12.44	15.16	18.90	22.82
First-line supervisors/managers of office and administrative support workers	16.00	19.17	21.72	26.36	28.66
Switchboard operators, including answering service	10.00	10.97	12.39	15.06	17.83
Financial clerks	10.34	12.30	15.04	18.26	21.41
Bill and account collectors	11.00	13.00	14.60	16.83	24.14
Billing and posting clerks and machine operators	12.16	13.80	15.92	18.79	21.09
Bookkeeping, accounting, and auditing clerks	11.56	13.92	15.91	19.07	22.16
Payroll and timekeeping clerks	14.23	16.28	17.97	21.00	24.83
Procurement clerks	9.89	14.04	15.92	17.33	19.50
Tellers	9.98	10.00	11.27	12.84	14.93
Brokerage clerks	13.11	14.61	15.91	19.37	20.63
Court, municipal, and license clerks	12.68	16.09	18.47	20.99	23.02
Credit authorizers, checkers, and clerks	10.50	11.80	13.37	17.33	19.80
Customer service representatives	11.00	12.87	14.92	18.60	22.07
Eligibility interviewers, government programs	13.31	14.91	17.05	18.61	22.75
File clerks	9.27	10.27	12.44	16.35	16.50
Hotel, motel, and resort desk clerks	8.00	8.40	10.25	12.00	13.22
Interviewers, except eligibility and loan	10.15	11.59	13.49	15.88	17.62
Library assistants, clerical	11.84	13.89	14.15	16.47	20.27
Loan interviewers and clerks	11.54	14.11	17.15	20.54	23.08
New accounts clerks	10.35	12.80	15.73	18.46	21.61
Order clerks	10.67	11.90	14.25	17.40	21.51
Human resources assistants, except payroll and timekeeping	14.07	17.15	18.40	19.71	22.95
Receptionists and information clerks	10.00	11.00	12.74	14.43	16.83
Cargo and freight agents	14.13	15.96	18.57	20.04	22.28
Dispatchers	13.00	15.25	20.30	22.04	24.56

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					
Police, fire, and ambulance dispatchers	\$13.75	\$16.46	\$18.66	\$21.27	\$24.76
Dispatchers, except police, fire, and ambulance	13.00	15.00	20.38	23.50	24.50
Meter readers, utilities	12.00	15.54	17.60	20.48	23.43
Production, planning, and expediting clerks	12.36	14.77	18.27	22.60	26.12
Shipping, receiving, and traffic clerks	9.45	10.85	13.38	15.96	19.87
Stock clerks and order fillers	8.00	9.66	12.05	14.95	18.00
Weighers, measurers, checkers, and samplers, recordkeeping	10.50	10.50	12.65	15.00	15.20
Secretaries and administrative assistants	12.98	14.50	17.39	20.86	24.75
Executive secretaries and administrative assistants	15.01	17.90	20.06	23.89	28.13
Legal secretaries	13.00	13.00	17.00	21.59	29.92
Medical secretaries	12.28	13.29	15.16	17.57	20.80
Secretaries, except legal, medical, and executive	12.06	14.00	15.27	18.14	20.74
Computer operators	10.00	14.00	18.44	19.83	24.86
Data entry and information processing workers	10.27	10.83	13.06	15.88	19.80
Data entry keyers	10.25	10.83	12.93	15.11	18.25
Word processors and typists	10.79	11.54	15.75	19.80	22.54
Insurance claims and policy processing clerks	12.21	13.36	15.49	19.18	22.15
Mail clerks and mail machine operators, except postal service ..	10.50	11.53	11.53	15.39	19.23
Office clerks, general	10.13	12.00	14.85	17.14	21.39
Office machine operators, except computer	11.09	11.85	13.59	15.80	18.50
Farming, fishing, and forestry occupations	7.75	8.50	13.30	15.00	18.35
Miscellaneous agricultural workers	7.50	8.50	11.25	14.00	15.25
Construction and extraction occupations	13.39	16.53	21.57	30.68	36.31
First-line supervisors/managers of construction trades and extraction workers	19.20	25.00	32.00	41.49	46.43
Brickmasons, blockmasons, and stonemasons	19.32	25.49	26.73	34.48	38.03
Brickmasons and blockmasons	25.10	25.49	28.84	34.48	38.03
Carpenters	13.00	15.05	19.28	30.06	40.77
Carpet, floor, and tile installers and finishers	16.00	16.50	20.00	24.44	27.20
Cement masons, concrete finishers, and terrazzo workers	15.98	19.00	21.00	25.00	40.82
Cement masons and concrete finishers	15.98	19.00	21.00	25.00	40.82
Construction laborers	10.04	15.33	20.92	26.43	34.75
Construction equipment operators	9.50	16.50	23.06	29.37	32.62
Operating engineers and other construction equipment operators	9.50	16.00	22.14	29.00	32.62
Drywall installers, ceiling tile installers, and tapers	12.99	17.49	31.70	33.70	39.00
Electricians	15.50	19.93	25.81	32.91	38.60
Painters and paperhangers	11.50	15.00	19.84	25.95	32.70
Painters, construction and maintenance	11.50	15.00	19.84	25.95	32.70
Pipelayers, plumbers, pipefitters, and steamfitters	14.90	19.00	25.60	32.49	36.10
Plumbers, pipefitters, and steamfitters	14.90	19.12	25.60	32.49	36.10
Roofers	14.00	16.00	17.23	27.00	30.79
Sheet metal workers	12.27	18.50	25.01	27.61	30.68

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					
Helpers, construction trades	\$12.48	\$13.75	\$15.52	\$19.60	\$25.55
Helpers--carpenters	11.00	12.05	13.75	15.00	19.60
Construction and building inspectors	16.22	17.00	19.44	28.68	30.42
Highway maintenance workers	12.93	17.84	20.97	25.38	32.62
Miscellaneous construction and related workers	12.00	14.50	16.50	19.48	30.48
Installation, maintenance, and repair occupations					
First-line supervisors/managers of mechanics, installers, and repairers	12.00	15.81	20.10	26.65	32.35
Computer, automated teller, and office machine repairers	18.33	22.84	29.89	34.19	39.50
Radio and telecommunications equipment installers and repairers	12.50	13.39	14.95	17.09	22.00
Telecommunications equipment installers and repairers, except line installers	14.59	28.51	31.45	32.35	32.35
Miscellaneous electrical and electronic equipment mechanics, installers, and repairers	14.59	28.51	31.45	32.35	32.35
Electrical and electronics repairers, commercial and industrial equipment	11.55	17.02	19.84	25.60	28.09
Aircraft mechanics and service technicians	11.55	18.00	23.00	25.88	28.09
Automotive technicians and repairers	16.05	19.50	21.50	27.44	29.00
Automotive body and related repairers	10.00	12.58	18.33	23.00	28.27
Automotive service technicians and mechanics	13.50	18.00	22.03	29.70	36.52
Bus and truck mechanics and diesel engine specialists	9.43	11.75	17.27	22.09	26.25
Heavy vehicle and mobile equipment service technicians and mechanics	15.77	17.30	21.51	25.50	29.82
Mobile heavy equipment mechanics, except engines	16.00	17.59	19.50	24.28	32.42
Small engine mechanics	16.00	17.59	19.50	24.28	32.42
Outdoor power equipment and other small engine mechanics Miscellaneous vehicle and mobile equipment mechanic, installers, and repairers	10.00	14.78	16.15	17.46	19.49
Tire repairers and changers	14.90	15.95	16.75	19.09	19.52
Control and valve installers and repairers	7.30	9.00	10.14	12.00	18.10
Control and valve installers and repairers, except mechanical door	7.30	8.75	10.00	12.00	15.00
Heating, air conditioning, and refrigeration mechanics and installers	11.00	13.50	23.19	25.91	28.29
Industrial machinery installation, repair, and maintenance workers	21.06	21.68	25.91	26.37	29.55
Industrial machinery mechanics	14.00	15.90	18.09	26.85	39.13
Maintenance and repair workers, general	13.00	16.56	20.08	26.05	32.42
Maintenance workers, machinery	17.50	19.70	23.05	27.47	32.91
Millwrights	12.00	15.20	18.20	22.04	27.75
Line installers and repairers	12.83	14.00	19.06	23.03	28.08
Electrical power-line installers and repairers	16.56	25.28	32.58	40.22	40.22
Telecommunications line installers and repairers	13.00	18.00	29.06	31.45	34.05
	24.84	29.06	30.12	34.05	38.42
	12.20	15.00	18.50	31.45	31.45

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	\$17.10	\$18.38	\$20.81	\$26.15	\$36.27
Miscellaneous installation, maintenance, and repair workers	9.78	12.00	16.27	22.39	27.16
Helpers--installation, maintenance, and repair workers	8.54	9.78	11.15	12.76	15.83
Production occupations					
First-line supervisors/managers of production and operating workers	9.58	12.00	15.80	20.76	28.05
Electrical, electronics, and electromechanical assemblers	16.23	20.00	24.06	31.31	35.15
Coil winders, tapers, and finishers	9.99	10.16	11.76	16.58	20.47
Electrical and electronic equipment assemblers	10.00	10.00	10.75	11.27	14.15
Electromechanical equipment assemblers	9.25	10.16	13.69	17.80	23.18
Engine and other machine assemblers	10.10	10.10	11.45	15.93	18.34
Structural metal fabricators and fitters	15.00	16.65	20.55	25.45	28.72
Miscellaneous assemblers and fabricators	10.80	13.28	15.20	18.60	22.38
Team assemblers	9.00	11.75	16.03	24.17	28.66
Bakers	11.55	13.03	16.00	28.59	28.59
Butchers and other meat, poultry, and fish processing workers ..	8.45	10.30	12.33	14.50	15.71
Butchers and meat cutters	11.55	12.35	13.05	16.17	17.55
Miscellaneous food processing workers	11.90	13.85	16.50	17.55	18.85
Food and tobacco roasting, baking, and drying machine operators and tenders	8.91	9.60	13.41	19.45	20.86
Food batchmakers	8.91	8.91	9.50	17.83	22.49
Computer control programmers and operators	9.50	9.60	13.41	20.83	20.86
Computer-controlled machine tool operators, metal and plastic	13.03	15.99	18.45	21.75	26.28
Numerical tool and process control programmers	13.03	15.00	17.85	21.15	24.60
Forming machine setters, operators, and tenders, metal and plastic	18.60	18.87	21.62	32.35	32.35
Extruding and drawing machine setters, operators, and tenders, metal and plastic	9.45	11.97	14.43	18.46	21.11
Forging machine setters, operators, and tenders, metal and plastic	10.50	13.09	15.38	17.25	19.00
Rolling machine setters, operators, and tenders, metal and plastic	12.05	12.05	12.99	17.65	20.49
Machine tool cutting setters, operators, and tenders, metal and plastic	8.20	10.40	14.91	20.94	23.40
Cutting, punching, and press machine setters, operators, and tenders, metal and plastic	10.50	12.62	14.30	18.97	20.97
Drilling and boring machine tool setters, operators, and tenders, metal and plastic	10.50	12.62	13.66	18.55	20.97
Grinding, lapping, polishing, and buffing machine tool setters, operators, and tenders, metal and plastic	10.56	12.00	13.70	19.81	21.11
Lathe and turning machine tool setters, operators, and tenders, metal and plastic	9.89	12.04	14.50	17.37	19.81
Lathe and turning machine tool setters, operators, and tenders, metal and plastic	11.50	13.28	17.50	20.60	21.62

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					
Milling and planing machine setters, operators, and tenders, metal and plastic	\$11.50	\$15.00	\$19.05	\$22.22	\$22.22
Machinists	15.20	18.13	20.32	23.87	29.21
Metal furnace and kiln operators and tenders	8.50	13.52	19.10	21.75	26.58
Metal-refining furnace operators and tenders	11.25	14.00	19.26	21.75	26.58
Model makers and patternmakers, metal and plastic	9.27	13.80	21.00	30.96	34.52
Model makers, metal and plastic	9.27	15.68	22.25	30.54	36.05
Molders and molding machine setters, operators, and tenders, metal and plastic	8.04	8.88	12.90	17.36	21.60
Foundry mold and coremakers	14.41	14.75	17.47	19.44	19.84
Molding, coremaking, and casting machine setters, operators, and tenders, metal and plastic	8.00	8.75	12.77	16.50	21.60
Multiple machine tool setters, operators, and tenders, metal and plastic	10.00	11.85	15.53	20.78	28.33
Tool and die makers	18.91	20.41	24.99	27.40	32.91
Welding, soldering, and brazing workers	11.13	13.75	16.58	19.30	24.66
Welders, cutters, solderers, and brazers	11.80	14.25	17.09	19.00	23.50
Welding, soldering, and brazing machine setters, operators, and tenders	10.00	11.60	15.70	22.00	28.79
Miscellaneous metalworkers and plastic workers	10.04	13.70	16.07	18.52	23.00
Heat treating equipment setters, operators, and tenders, metal and plastic	11.20	13.74	16.87	19.27	23.00
Plating and coating machine setters, operators, and tenders, metal and plastic	10.00	14.88	17.57	18.52	22.50
Tool grinders, filers, and sharpeners	16.13	18.09	18.98	21.50	25.63
Bookbinders and bindery workers	9.25	11.77	12.55	18.29	23.00
Bindery workers	9.25	11.77	12.55	18.29	23.00
Printers	10.53	13.50	18.00	21.55	24.11
Prepress technicians and workers	13.00	14.70	18.00	20.39	22.89
Printing machine operators	10.11	13.25	17.70	22.00	24.11
Laundry and dry-cleaning workers	8.00	8.75	9.95	12.50	14.08
Sewing machine operators	9.13	10.29	11.45	14.20	15.71
Miscellaneous textile, apparel, and furnishings workers	8.75	10.05	11.20	14.41	17.81
Cabinetmakers and bench carpenters	11.79	14.25	16.96	18.40	20.40
Woodworking machine setters, operators, and tenders	8.00	10.13	12.12	14.60	16.75
Sawing machine setters, operators, and tenders, wood	8.00	8.75	11.28	12.75	16.75
Woodworking machine setters, operators, and tenders, except sawing	9.50	11.23	13.00	15.00	16.50
Power plant operators, distributors, and dispatchers	19.67	22.17	28.85	38.08	41.79
Power plant operators	19.28	20.36	25.58	29.81	34.61
Stationary engineers and boiler operators	19.68	22.61	23.04	27.61	34.31
Water and liquid waste treatment plant and system operators	18.56	18.56	19.59	22.55	25.30
Miscellaneous plant and system operators	15.63	16.25	20.67	26.78	29.00
Chemical processing machine setters, operators, and tenders	15.64	17.15	27.50	29.00	30.36
Crushing, grinding, polishing, mixing, and blending workers	10.95	12.90	16.02	22.26	24.25

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					
Grinding and polishing workers, hand	\$11.13	\$11.65	\$12.90	\$13.71	\$23.00
Mixing and blending machine setters, operators, and tenders	10.95	13.78	17.20	22.52	25.51
Cutting workers	8.50	10.00	12.40	16.73	19.83
Cutters and trimmers, hand	8.50	8.50	10.46	11.55	12.70
Cutting and slicing machine setters, operators, and tenders	9.70	10.80	14.50	17.15	20.72
Extruding, forming, pressing, and compacting machine setters, operators, and tenders	10.00	12.40	14.47	15.36	17.23
Furnace, kiln, oven, drier, and kettle operators and tenders	11.91	11.91	13.17	26.37	26.37
Inspectors, testers, sorters, samplers, and weighers	10.05	12.40	15.11	19.60	26.75
Packaging and filling machine operators and tenders	8.75	10.64	15.13	17.74	18.43
Painting workers	9.79	11.90	14.66	17.15	19.50
Coating, painting, and spraying machine setters, operators, and tenders	9.38	11.26	13.95	15.50	17.23
Painters, transportation equipment	12.00	15.73	17.75	26.42	29.26
Miscellaneous production workers	8.00	10.50	13.61	18.58	24.16
Cleaning, washing, and metal pickling equipment operators and tenders	10.27	14.20	29.28	29.28	29.28
Paper goods machine setters, operators, and tenders	12.25	17.71	17.71	22.91	30.85
Helpers--production workers	8.56	10.71	13.20	16.08	21.06
Transportation and material moving occupations	9.00	11.20	14.73	19.45	25.58
First-line supervisors/managers of helpers, laborers, and material movers, hand	12.34	17.40	23.50	25.47	28.50
First-line supervisors/managers of transportation and material-moving machine and vehicle operators	17.00	19.24	26.39	33.89	43.27
Bus drivers	10.90	14.21	15.97	19.75	27.68
Bus drivers, transit and intercity	14.29	19.37	27.68	27.68	27.68
Bus drivers, school	10.90	12.27	15.60	17.93	20.06
Driver/sales workers and truck drivers	11.20	13.92	17.32	21.35	28.76
Driver/sales workers	7.40	10.50	12.83	17.65	20.00
Truck drivers, heavy and tractor-trailer	12.64	14.96	18.33	21.36	27.08
Truck drivers, light or delivery services	10.00	12.00	16.25	28.62	29.28
Taxi drivers and chauffeurs	9.25	9.45	9.45	10.30	12.75
Railroad conductors and yardmasters	15.10	23.57	31.00	38.11	38.53
Service station attendants	7.30	8.00	8.15	9.32	12.00
Conveyor operators and tenders	8.75	9.88	12.00	12.95	17.60
Crane and tower operators	10.30	15.10	16.40	17.08	28.59
Dredge, excavating, and loading machine operators	12.50	14.00	14.00	18.25	19.00
Excavating and loading machine and dragline operators	12.50	14.00	14.00	18.25	19.00
Industrial truck and tractor operators	10.00	12.00	14.09	17.55	21.33
Laborers and material movers, hand	8.00	9.50	11.45	14.55	18.19
Cleaners of vehicles and equipment	8.00	10.00	12.09	14.39	17.50
Laborers and freight, stock, and material movers, hand	8.89	10.00	12.40	16.15	20.89

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					
Machine feeders and offbearers	\$7.80	\$9.64	\$10.55	\$13.91	\$15.45
Packers and packagers, hand	7.75	8.00	10.18	12.87	15.30

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.