

Table 9

Full-time civilian workers: Hourly wage percentiles<sup>1</sup>

Occupation <sup>2</sup>	Wages fall at or below the following percentiles				
	10	25	50	75	90
<b>All workers</b> .....	\$9.83	\$13.20	\$19.53	\$29.92	\$43.27
<b>Management occupations</b> .....	21.55	29.13	40.80	56.01	68.27
Chief executives .....	41.99	55.52	86.54	92.33	216.34
General and operations managers .....	21.42	29.13	40.41	54.11	80.92
Advertising and promotions managers .....	22.86	25.96	25.96	37.73	74.52
Marketing and sales managers .....	21.64	29.81	44.34	59.41	86.34
Marketing managers .....	26.27	40.06	46.47	59.41	88.26
Sales managers .....	20.70	24.45	34.76	62.49	68.56
Public relations managers .....	22.96	24.76	48.97	73.54	73.54
Administrative services managers .....	20.99	26.30	28.80	40.00	42.85
Computer and information systems managers .....	36.44	46.30	53.81	63.73	68.27
Financial managers .....	23.56	30.08	38.24	56.26	71.31
Human resources managers .....	23.35	36.18	46.15	56.25	60.51
Industrial production managers .....	35.83	38.84	42.14	53.17	59.11
Purchasing managers .....	29.43	31.11	43.10	50.88	55.77
Transportation, storage, and distribution managers .....	15.00	24.33	39.38	45.25	59.29
Construction managers .....	28.81	38.04	42.51	54.35	57.67
Education administrators .....	17.58	21.90	39.06	52.40	58.60
Education administrators, preschool and child care center/program .....	14.83	17.58	21.90	21.90	31.10
Education administrators, elementary and secondary school ..	32.57	44.44	51.71	57.34	62.58
Education administrators, postsecondary .....	21.46	28.71	36.10	47.39	51.53
Engineering managers .....	37.32	52.79	60.06	66.38	75.03
Food service managers .....	17.31	19.23	19.89	22.94	28.00
Lodging managers .....	18.23	19.23	30.00	38.46	89.79
Medical and health services managers .....	29.44	36.88	45.67	56.31	63.07
Property, real estate, and community association managers .....	10.96	15.80	22.78	29.44	29.44
Social and community service managers .....	21.44	23.50	28.33	33.21	37.53
<b>Business and financial operations occupations</b> .....	19.23	23.35	28.85	36.92	45.00
Buyers and purchasing agents .....	20.05	22.61	26.92	36.74	44.42
Wholesale and retail buyers, except farm products .....	21.54	21.54	25.03	39.90	42.73
Purchasing agents, except wholesale, retail, and farm products .....	18.56	23.35	29.72	35.22	44.48
Claims adjusters, appraisers, examiners, and investigators .....	18.46	19.85	25.96	32.93	39.74
Claims adjusters, examiners, and investigators .....	18.66	19.85	26.05	34.02	40.09
Compliance officers, except agriculture, construction, health and safety, and transportation .....	19.12	20.67	24.96	30.90	85.58
Cost estimators .....	19.50	29.54	32.39	54.32	57.69
Human resources, training, and labor relations specialists .....	18.46	22.69	28.28	31.54	38.90
Employment, recruitment, and placement specialists .....	18.46	19.69	26.00	28.28	43.27
Compensation, benefits, and job analysis specialists .....	16.01	20.77	22.22	31.54	33.81
Training and development specialists .....	18.06	21.85	23.12	28.99	32.70
Logisticians .....	15.60	22.60	35.57	43.51	51.46
Management analysts .....	24.42	30.04	36.24	41.47	47.16
Accountants and auditors .....	19.00	23.36	28.85	35.19	45.00

See footnotes at end of table.

Table 9

Full-time civilian workers: Hourly wage percentiles<sup>1</sup> — Continued

Occupation <sup>2</sup>	Wages fall at or below the following percentiles				
	10	25	50	75	90
<b>Business and financial operations occupations –Continued</b>					
Appraisers and assessors of real estate .....	\$17.19	\$23.69	\$26.45	\$31.98	\$36.55
Budget analysts .....	22.25	23.26	23.75	26.18	33.78
Credit analysts .....	20.80	20.80	34.62	39.53	39.53
Financial analysts and advisors .....	22.54	27.88	32.24	40.87	53.77
Financial analysts .....	27.12	29.66	32.46	37.50	47.23
Personal financial advisors .....	13.87	14.39	24.93	35.89	55.66
Insurance underwriters .....	21.38	25.96	31.73	45.85	70.37
Tax examiners, collectors, preparers, and revenue agents .....	14.31	16.96	21.01	27.35	33.04
Tax examiners, collectors, and revenue agents .....	13.67	20.19	22.55	29.85	33.04
<b>Computer and mathematical science occupations .....</b>	20.87	26.93	36.66	45.34	54.57
Computer and information scientists, research .....	26.92	31.25	48.08	55.29	59.40
Computer programmers .....	29.14	32.71	36.94	48.08	49.06
Computer software engineers .....	29.32	37.32	43.42	51.85	61.41
Computer software engineers, applications .....	28.86	33.70	41.27	49.34	60.06
Computer software engineers, systems software .....	33.24	39.72	45.22	54.04	63.46
Computer support specialists .....	17.36	20.16	23.23	29.45	43.27
Computer systems analysts .....	23.72	30.05	37.58	43.74	51.15
Database administrators .....	23.95	33.33	37.78	45.96	51.43
Network and computer systems administrators .....	20.14	22.99	29.87	38.80	43.46
Network systems and data communications analysts .....	25.74	26.40	35.70	42.75	45.00
Operations research analysts .....	22.62	22.94	40.87	45.67	51.44
<b>Architecture and engineering occupations .....</b>	22.15	28.85	37.55	46.85	56.49
Architects, except naval .....	21.77	26.44	28.85	34.62	43.26
Architects, except landscape and naval .....	21.77	26.44	28.85	36.07	43.26
Engineers .....	30.07	34.86	42.69	50.00	61.42
Aerospace engineers .....	37.50	45.25	52.85	62.52	70.42
Civil engineers .....	26.44	34.21	40.39	47.29	52.90
Computer hardware engineers .....	28.85	37.11	46.85	55.14	65.10
Electrical and electronics engineers .....	28.00	34.69	41.04	49.35	63.48
Electrical engineers .....	32.74	39.23	44.51	52.04	63.60
Electronics engineers, except computer .....	25.46	33.13	39.20	47.02	63.48
Environmental engineers .....	33.65	33.80	44.85	51.50	65.00
Industrial engineers, including health and safety .....	28.76	30.82	35.80	43.14	50.74
Health and safety engineers, except mining safety engineers and inspectors .....	28.72	31.66	35.24	38.75	45.11
Industrial engineers .....	28.76	30.20	38.46	46.80	56.75
Mechanical engineers .....	29.81	31.53	40.36	46.54	49.82
Nuclear engineers .....	38.06	40.70	44.46	50.88	52.03
Petroleum engineers .....	31.09	40.39	50.12	61.25	67.23
Drafters .....	19.00	20.00	23.94	30.17	32.21
Architectural and civil drafters .....	18.50	20.00	23.00	30.17	32.21
Electrical and electronics drafters .....	23.94	23.94	24.74	29.43	34.43
Engineering technicians, except drafters .....	19.74	23.80	27.53	32.51	39.10

See footnotes at end of table.

Table 9

Full-time civilian workers: Hourly wage percentiles<sup>1</sup> — Continued

Occupation <sup>2</sup>	Wages fall at or below the following percentiles				
	10	25	50	75	90
<b>Architecture and engineering occupations</b> –Continued					
Aerospace engineering and operations technicians .....	\$23.91	\$26.98	\$28.53	\$32.30	\$35.95
Civil engineering technicians .....	22.56	24.92	25.76	28.79	30.82
Electrical and electronic engineering technicians .....	19.74	24.01	27.53	31.20	33.56
<b>Life, physical, and social science occupations</b> .....					
Life scientists .....	17.79	21.01	30.59	41.13	50.40
Biological scientists .....	17.50	19.23	26.75	39.28	50.56
Biological scientists .....	17.65	20.45	28.85	40.39	53.85
Biochemists and biophysicists .....	17.65	19.23	33.65	40.53	55.29
Conservation scientists and foresters .....	12.42	19.90	24.27	24.89	33.89
Conservation scientists .....	12.42	16.42	23.09	24.67	30.34
Foresters .....	19.90	24.27	30.98	50.33	61.50
Medical scientists .....	16.27	17.88	22.60	35.32	49.52
Physical scientists .....	22.00	29.58	35.19	43.73	48.56
Chemists and materials scientists .....	19.33	22.81	29.48	33.65	42.66
Chemists .....	19.33	22.81	29.48	33.65	42.24
Environmental scientists and geoscientists .....	24.04	32.69	36.06	41.83	43.73
Environmental scientists and specialists, including health ..	24.04	32.69	34.00	43.73	43.73
Geoscientists, except hydrologists and geographers .....	35.10	35.10	41.29	41.29	41.83
Market and survey researchers .....	25.74	31.89	45.60	51.78	68.72
Market research analysts .....	25.74	31.89	45.60	51.78	68.72
Psychologists .....	21.20	31.52	40.67	42.82	45.54
Clinical, counseling, and school psychologists .....	21.01	26.89	40.63	44.05	48.07
Urban and regional planners .....	24.39	26.88	32.05	37.28	47.08
Agricultural and food science technicians .....	17.93	20.19	20.38	22.87	26.50
Biological technicians .....	14.77	17.57	19.74	25.87	30.08
Miscellaneous life, physical, and social science technicians .....	15.44	18.89	30.59	30.59	31.65
<b>Community and social services occupations</b> .....					
Counselors .....	12.52	16.15	21.57	28.33	37.65
Counselors .....	10.20	13.50	22.12	32.33	41.59
Substance abuse and behavioral disorder counselors .....	16.17	20.63	42.60	46.60	52.49
Educational, vocational, and school counselors .....	17.00	21.06	27.10	36.87	41.99
Rehabilitation counselors .....	10.20	10.20	10.50	14.40	22.12
Social workers .....	15.35	18.82	23.71	30.72	35.95
Child, family, and school social workers .....	14.29	17.68	22.67	29.23	34.04
Medical and public health social workers .....	18.28	24.16	26.93	30.72	40.00
Mental health and substance abuse social workers .....	18.27	18.82	23.44	34.60	40.83
Miscellaneous community and social service specialists .....	13.88	15.83	19.13	24.44	33.30
Health educators .....	21.97	21.97	23.95	40.53	45.12
Probation officers and correctional treatment specialists .....	20.54	23.27	27.42	35.06	38.77
Social and human service assistants .....	12.57	14.13	15.96	16.79	21.45
<b>Legal occupations</b> .....					
Lawyers .....	19.63	28.85	39.73	52.45	96.15
Lawyers .....	32.31	41.44	52.10	76.35	103.25
Paralegals and legal assistants .....	18.77	19.63	27.79	31.25	34.62
Miscellaneous legal support workers .....	14.00	19.35	24.00	35.51	39.73

See footnotes at end of table.

Table 9

Full-time civilian workers: Hourly wage percentiles<sup>1</sup> — Continued

Occupation <sup>2</sup>	Wages fall at or below the following percentiles				
	10	25	50	75	90
<b>Legal occupations –Continued</b>					
Title examiners, abstractors, and searchers .....	\$14.00	\$17.91	\$26.44	\$36.62	\$39.73
<b>Education, training, and library occupations</b> .....					
Postsecondary teachers .....	13.25	21.63	35.12	45.22	56.69
Life sciences teachers, postsecondary .....	20.76	30.45	43.44	61.73	86.63
Biological science teachers, postsecondary .....	36.86	46.67	52.63	58.72	58.72
Social sciences teachers, postsecondary .....	36.86	46.67	52.63	58.72	58.72
Psychology teachers, postsecondary .....	30.45	32.52	47.61	74.34	84.34
Health teachers, postsecondary .....	30.21	34.55	46.10	74.42	74.42
Health specialties teachers, postsecondary .....	28.84	38.08	66.91	90.85	104.90
Health specialties teachers, postsecondary .....	36.29	42.85	70.28	93.88	107.88
Arts, communications, and humanities teachers, postsecondary .....	29.30	37.10	43.58	54.68	70.19
Art, drama, and music teachers, postsecondary .....	29.30	36.26	45.06	54.36	61.80
English language and literature teachers, postsecondary ....	25.07	29.97	38.34	41.91	59.57
Miscellaneous postsecondary teachers .....	19.83	24.53	34.51	46.27	58.96
Vocational education teachers, postsecondary .....	19.83	19.83	19.83	32.27	36.44
Primary, secondary, and special education school teachers .....	13.50	26.98	36.74	45.54	54.73
Preschool and kindergarten teachers .....	9.50	10.51	13.34	17.40	23.08
Preschool teachers, except special education .....	9.25	10.00	13.00	14.74	17.54
Kindergarten teachers, except special education .....	12.68	14.99	19.84	34.40	50.34
Elementary and middle school teachers .....	27.02	33.11	40.19	47.75	55.91
Elementary school teachers, except special education .....	27.05	33.27	40.41	48.41	56.28
Middle school teachers, except special and vocational education .....	26.64	32.30	38.22	47.23	53.82
Secondary school teachers .....	27.01	32.41	39.98	48.46	56.29
Secondary school teachers, except special and vocational education .....	27.45	32.86	40.18	48.84	56.29
Vocational education teachers, secondary school .....	24.07	25.84	35.66	41.92	43.34
Special education teachers .....	26.33	31.52	37.47	44.44	55.18
Special education teachers, preschool, kindergarten, and elementary school .....	26.95	31.18	36.74	44.14	53.16
Special education teachers, secondary school .....	9.94	35.24	38.96	43.36	58.50
Other teachers and instructors .....	22.66	31.31	39.07	49.52	57.43
Adult literacy, remedial education, and GED teachers and instructors .....	22.66	24.85	37.14	48.89	57.43
Librarians .....	24.97	27.88	31.13	38.46	38.55
Library technicians .....	13.72	15.86	19.21	24.08	27.28
Instructional coordinators .....	18.89	22.76	29.74	43.70	49.17
Teacher assistants .....	10.04	11.00	13.75	17.35	18.57
<b>Arts, design, entertainment, sports, and media occupations</b> .....					
Artists and related workers .....	15.57	20.00	24.53	36.01	48.08
Designers .....	19.50	19.50	21.34	26.13	26.63
Graphic designers .....	15.57	20.19	23.00	31.62	39.42
Interior designers .....	15.57	19.91	22.99	25.56	34.41
Interior designers .....	19.84	21.65	26.48	37.45	37.45

See footnotes at end of table.

Table 9

Full-time civilian workers: Hourly wage percentiles<sup>1</sup> — Continued

Occupation <sup>2</sup>	Wages fall at or below the following percentiles				
	10	25	50	75	90
<b>Arts, design, entertainment, sports, and media occupations</b>					
–Continued					
Actors, producers, and directors .....	\$30.67	\$40.23	\$48.08	\$59.62	\$65.00
Producers and directors .....	30.67	40.23	48.08	59.62	65.00
Public relations specialists .....	21.57	22.15	25.26	31.14	31.36
Writers and editors .....	18.02	24.22	27.22	38.74	44.10
Editors .....	20.40	22.59	26.73	26.73	26.73
Technical writers .....	23.14	30.65	38.74	41.91	49.08
Miscellaneous media and communication workers .....	8.55	18.51	18.94	24.17	34.12
Broadcast and sound engineering technicians and radio operators .....	15.82	22.39	32.94	37.72	60.38
Audio and video equipment technicians .....	15.82	15.82	23.08	60.38	60.38
Photographers .....	8.75	8.75	9.28	23.34	23.34
<b>Healthcare practitioner and technical occupations</b>					
Dietitians and nutritionists .....	18.22	26.36	28.50	32.10	32.93
Pharmacists .....	46.32	49.00	51.67	54.24	56.34
Physicians and surgeons .....	10.77	11.19	19.87	60.58	89.02
Family and general practitioners .....	10.77	10.77	11.19	55.82	60.65
Physician assistants .....	19.00	39.78	43.30	51.84	75.48
Registered nurses .....	27.07	31.45	36.19	42.17	49.22
Therapists .....	23.01	28.73	33.58	39.23	47.78
Occupational therapists .....	25.86	30.80	39.23	47.78	47.78
Physical therapists .....	30.77	32.79	35.08	38.03	73.00
Respiratory therapists .....	22.22	24.40	28.33	28.73	29.94
Speech-language pathologists .....	26.46	29.98	31.93	37.58	49.76
Clinical laboratory technologists and technicians .....	14.35	16.62	19.57	24.89	37.61
Medical and clinical laboratory technologists .....	17.86	27.48	34.63	40.46	43.36
Medical and clinical laboratory technicians .....	13.75	16.00	18.67	21.58	24.43
Dental hygienists .....	16.84	35.00	39.00	43.00	43.81
Diagnostic related technologists and technicians .....	17.75	25.12	29.60	34.00	40.87
Cardiovascular technologists and technicians .....	21.99	29.47	29.47	34.00	46.73
Radiologic technologists and technicians .....	17.39	24.97	29.24	32.81	40.87
Emergency medical technicians and paramedics .....	9.02	13.76	20.01	21.74	25.05
Health diagnosing and treating practitioner support technicians	13.60	15.83	19.77	22.86	24.58
Pharmacy technicians .....	11.30	13.60	16.46	21.40	23.37
Psychiatric technicians .....	18.80	21.49	22.27	24.58	27.28
Surgical technologists .....	17.77	20.39	21.00	22.86	25.09
Licensed practical and licensed vocational nurses .....	17.00	18.39	21.00	24.00	26.32
Medical records and health information technicians .....	10.69	12.30	13.02	18.12	26.22
Miscellaneous health technologists and technicians .....	13.00	14.23	19.00	22.31	32.23
Occupational health and safety specialists and technicians .....	20.11	25.40	27.71	33.13	37.56
Occupational health and safety specialists .....	20.11	24.93	27.18	34.67	37.56
<b>Healthcare support occupations</b>					
Nursing, psychiatric, and home health aides .....	9.35	10.95	13.20	16.50	20.00
	9.00	9.98	11.54	13.20	15.30

See footnotes at end of table.

Table 9

Full-time civilian workers: Hourly wage percentiles<sup>1</sup> — Continued

Occupation <sup>2</sup>	Wages fall at or below the following percentiles				
	10	25	50	75	90
<b>Healthcare support occupations –Continued</b>					
Home health aides .....	\$7.59	\$9.05	\$9.75	\$12.11	\$16.98
Nursing aides, orderlies, and attendants .....	9.00	10.00	11.54	13.05	15.00
Psychiatric aides .....	10.84	12.26	14.06	19.04	19.04
Occupational therapist assistants and aides .....	16.64	18.75	18.75	18.75	20.71
Occupational therapist aides .....	16.64	18.75	18.75	18.75	20.71
Physical therapist assistants and aides .....	9.70	12.73	12.73	15.82	20.95
Physical therapist assistants .....	12.75	18.54	19.68	23.61	53.33
Miscellaneous healthcare support occupations .....	10.31	13.01	16.39	19.08	20.95
Dental assistants .....	14.78	16.39	17.46	20.00	20.26
Medical assistants .....	9.83	12.30	15.00	16.68	20.30
Medical transcriptionists .....	11.56	16.28	19.57	22.00	25.38
Pharmacy aides .....	11.32	12.87	18.71	20.95	20.95
<b>Protective service occupations</b>					
First-line supervisors/managers, law enforcement workers .....	9.75	12.00	20.53	31.74	38.39
First-line supervisors/managers of correctional officers .....	28.29	33.66	42.25	48.29	50.92
First-line supervisors/managers of police and detectives .....	28.29	31.39	38.01	44.09	47.14
First-line supervisors/managers of fire fighting and prevention workers .....	29.02	35.25	44.65	49.44	50.99
Fire fighters .....	24.85	26.94	31.82	36.20	45.23
Bailiffs, correctional officers, and jailers .....	19.11	22.57	27.41	31.23	34.78
Correctional officers and jailers .....	16.15	19.51	25.91	33.71	36.46
Detectives and criminal investigators .....	16.15	19.51	25.91	33.71	36.46
Police officers .....	25.52	30.43	34.37	40.41	52.46
Police and sheriff's patrol officers .....	25.21	28.98	33.52	37.50	41.80
Security guards and gaming surveillance officers .....	25.21	28.98	33.52	37.50	41.80
Security guards .....	8.25	9.78	11.50	14.65	19.39
Miscellaneous protective service workers .....	8.25	9.78	11.50	14.65	19.39
Lifeguards, ski patrol, and other recreational protective service workers .....	11.38	14.67	20.15	23.72	24.35
Lifeguards, ski patrol, and other recreational protective service workers .....	11.00	11.38	16.35	24.35	24.35
<b>Food preparation and serving related occupations</b>					
First-line supervisors/managers, food preparation and serving workers .....	7.50	8.00	9.50	12.50	16.82
Chefs and head cooks .....	10.73	12.58	18.01	21.04	24.38
First-line supervisors/managers of food preparation and serving workers .....	12.25	17.00	19.71	24.50	29.05
Cooks .....	10.25	12.12	17.31	20.53	24.05
Cooks, fast food .....	8.00	9.50	11.00	13.33	15.46
Cooks, institution and cafeteria .....	7.50	7.80	8.37	10.50	12.00
Cooks, restaurant .....	10.41	11.00	12.22	15.40	17.71
Cooks, short order .....	8.50	9.50	11.00	13.33	15.45
Food preparation workers .....	7.75	8.50	10.00	12.00	14.50
Food service, tipped .....	7.50	8.00	9.50	13.00	16.22
Bartenders .....	7.25	7.50	7.80	8.41	9.50
Bartenders .....	7.50	7.80	8.50	9.00	10.00

See footnotes at end of table.

Table 9

Full-time civilian workers: Hourly wage percentiles<sup>1</sup> — Continued

Occupation <sup>2</sup>	Wages fall at or below the following percentiles				
	10	25	50	75	90
<b>Food preparation and serving related occupations –Continued</b>					
Waiters and waitresses .....	\$7.09	\$7.50	\$7.50	\$7.93	\$8.00
Dining room and cafeteria attendants and bartender helpers ..	7.25	7.61	7.93	8.88	9.50
Fast food and counter workers .....	7.52	8.20	8.73	10.51	13.97
Combined food preparation and serving workers, including fast food .....	7.52	8.20	8.52	11.00	14.02
Counter attendants, cafeteria, food concession, and coffee shop .....	7.50	8.25	8.73	9.50	13.46
Food servers, nonrestaurant .....	7.50	7.83	9.51	11.85	14.82
Dishwashers .....	7.50	7.93	8.86	10.70	12.97
Hosts and hostesses, restaurant, lounge, and coffee shop .....	7.80	9.06	10.06	12.85	17.45
<b>Building and grounds cleaning and maintenance occupations</b>					
First-line supervisors/managers, building and grounds cleaning and maintenance workers .....	8.24	9.75	12.36	16.00	19.50
First-line supervisors/managers of housekeeping and janitorial workers .....	12.55	13.50	17.81	20.06	25.57
First-line supervisors/managers of landscaping, lawn service, and groundskeeping workers .....	12.55	13.04	17.36	20.06	25.57
First-line supervisors/managers of landscaping, lawn service, and groundskeeping workers .....	16.25	16.25	20.00	21.15	25.51
Building cleaning workers .....	8.00	9.34	11.49	14.90	17.95
Janitors and cleaners, except maids and housekeeping cleaners .....	8.55	10.02	12.24	15.87	19.02
Maids and housekeeping cleaners .....	7.50	8.00	9.00	11.79	14.71
Pest control workers .....	12.00	13.00	14.42	20.46	23.60
Grounds maintenance workers .....	8.50	10.00	12.50	16.25	19.50
Landscaping and groundskeeping workers .....	8.40	9.90	12.50	16.00	19.50
<b>Personal care and service occupations</b>					
First-line supervisors/managers of gaming workers .....	7.50	9.04	11.22	15.39	21.83
First-line supervisors/managers of gaming workers .....	9.50	10.91	11.65	24.51	27.00
Gaming supervisors .....	10.74	10.91	23.69	26.00	28.00
First-line supervisors/managers of personal service workers .....	14.65	15.39	16.90	19.23	21.83
Gaming services workers .....	7.50	7.50	7.93	10.00	11.09
Gaming dealers .....	7.50	7.50	7.50	7.93	7.93
Miscellaneous entertainment attendants and related workers .....	7.93	8.25	9.32	11.00	11.75
Amusement and recreation attendants .....	7.91	7.96	8.50	11.00	11.00
Barbers and cosmetologists .....	7.50	7.50	9.04	13.81	19.55
Hairdressers, hairstylists, and cosmetologists .....	7.50	7.50	9.04	13.81	19.55
Baggage porters, bellhops, and concierges .....	6.75	7.50	9.78	12.25	16.57
Baggage porters and bellhops .....	6.75	6.75	9.00	11.00	12.25
Concierges .....	7.50	7.50	10.51	16.57	19.00
Tour and travel guides .....	9.06	9.06	14.06	15.88	23.00
Tour guides and escorts .....	9.06	9.06	14.06	15.88	23.00
Transportation attendants .....	11.80	15.32	27.76	30.13	50.13
Flight attendants .....	17.48	26.90	30.13	36.72	50.13
Child care workers .....	8.45	9.45	10.80	13.80	16.79
Personal and home care aides .....	8.00	9.30	11.22	11.54	12.62

See footnotes at end of table.

Table 9

Full-time civilian workers: Hourly wage percentiles<sup>1</sup> — Continued

Occupation <sup>2</sup>	Wages fall at or below the following percentiles				
	10	25	50	75	90
<b>Personal care and service occupations –Continued</b>					
Recreation and fitness workers .....	\$8.48	\$11.75	\$15.38	\$23.00	\$25.00
Fitness trainers and aerobics instructors .....	14.89	14.89	23.00	25.00	25.00
Recreation workers .....	8.33	11.50	11.75	19.11	22.31
<b>Sales and related occupations</b>					
First-line supervisors/managers, sales workers .....	9.00	11.28	16.03	25.19	41.11
First-line supervisors/managers of retail sales workers .....	12.98	15.00	20.17	30.27	41.81
First-line supervisors/managers of non-retail sales workers ...	11.75	14.00	19.23	25.36	37.62
Retail sales workers .....	21.43	27.40	31.30	41.81	54.09
Cashiers, all workers .....	8.27	9.80	12.25	17.31	23.90
Cashiers .....	8.00	9.00	10.90	14.26	18.86
Cashiers .....	8.00	9.00	10.86	14.26	18.86
Counter and rental clerks and parts salespersons .....	10.00	11.50	14.00	16.62	23.90
Counter and rental clerks .....	9.47	11.05	11.50	13.90	15.83
Parts salespersons .....	11.00	12.64	15.55	18.40	23.90
Retail salespersons .....	8.85	10.14	13.46	18.70	30.52
Advertising sales agents .....	11.23	13.50	23.92	31.25	44.23
Insurance sales agents .....	12.00	21.42	37.39	44.29	65.22
Securities, commodities, and financial services sales agents .....	19.89	22.76	36.02	74.52	122.59
Sales representatives, wholesale and manufacturing .....	12.87	16.69	22.46	41.01	55.61
Sales representatives, wholesale and manufacturing, technical and scientific products .....	13.64	25.00	37.25	44.28	60.82
Sales representatives, wholesale and manufacturing, except technical and scientific products .....	12.75	15.92	19.00	30.00	53.30
Models, demonstrators, and product promoters .....	13.59	14.12	14.18	17.40	26.44
Demonstrators and product promoters .....	13.59	14.12	14.18	17.40	26.44
Real estate brokers and sales agents .....	14.24	19.23	27.89	42.31	107.91
Real estate sales agents .....	14.24	19.23	27.89	42.31	107.91
Sales engineers .....	21.34	22.96	43.41	49.06	57.69
Miscellaneous sales and related workers .....	10.85	13.94	17.88	27.50	30.53
<b>Office and administrative support occupations</b>					
First-line supervisors/managers of office and administrative support workers .....	11.00	13.50	16.67	20.55	25.17
First-line supervisors/managers of office and administrative support workers .....	15.95	19.00	24.96	28.85	30.83
Switchboard operators, including answering service .....	9.14	10.02	12.82	14.31	17.01
Financial clerks .....	11.84	13.56	16.75	19.23	22.15
Bill and account collectors .....	12.62	15.20	17.04	20.79	24.19
Billing and posting clerks and machine operators .....	11.60	13.50	16.00	18.54	21.77
Bookkeeping, accounting, and auditing clerks .....	12.50	14.39	17.01	19.45	23.20
Payroll and timekeeping clerks .....	11.00	16.00	18.61	20.50	22.46
Procurement clerks .....	11.50	12.88	17.50	20.64	22.00
Tellers .....	10.95	11.95	13.00	15.15	17.60
Brokerage clerks .....	15.38	17.26	18.87	20.19	24.00
Court, municipal, and license clerks .....	13.40	15.54	17.90	18.75	21.36
Credit authorizers, checkers, and clerks .....	13.00	13.27	13.27	16.96	23.74
Customer service representatives .....	12.00	14.79	18.00	21.32	25.70

See footnotes at end of table.



Table 9

Full-time civilian workers: Hourly wage percentiles<sup>1</sup> — Continued

Occupation <sup>2</sup>	Wages fall at or below the following percentiles				
	10	25	50	75	90
<b>Office and administrative support occupations</b> –Continued					
Eligibility interviewers, government programs .....	\$13.67	\$16.12	\$18.42	\$20.79	\$23.20
File clerks .....	10.22	13.00	15.75	15.75	16.35
Hotel, motel, and resort desk clerks .....	7.50	9.00	10.00	11.50	13.24
Interviewers, except eligibility and loan .....	12.51	14.81	16.45	17.26	23.14
Library assistants, clerical .....	9.00	15.90	15.90	18.54	22.53
Loan interviewers and clerks .....	13.09	14.50	15.00	16.62	22.45
Order clerks .....	13.00	14.00	17.00	19.99	21.93
Human resources assistants, except payroll and timekeeping .....	16.27	16.78	18.67	21.70	23.90
Receptionists and information clerks .....	9.92	11.47	13.87	16.00	19.05
Reservation and transportation ticket agents and travel clerks ...	10.00	12.22	16.41	20.28	21.50
Couriers and messengers .....	10.77	12.15	12.50	13.70	14.53
Dispatchers .....	11.00	12.89	18.75	25.76	29.61
Police, fire, and ambulance dispatchers .....	11.70	15.09	22.44	26.10	32.79
Dispatchers, except police, fire, and ambulance .....	10.00	11.89	18.46	21.79	29.61
Meter readers, utilities .....	16.34	18.24	20.56	27.86	27.97
Production, planning, and expediting clerks .....	14.21	19.00	22.66	25.47	30.82
Shipping, receiving, and traffic clerks .....	10.00	11.00	13.46	17.00	21.63
Stock clerks and order fillers .....	8.50	10.00	13.85	15.60	19.17
Weighers, measurers, checkers, and samplers, recordkeeping ...	11.23	11.23	16.13	17.55	19.50
Secretaries and administrative assistants .....	13.73	16.53	20.00	24.04	29.95
Executive secretaries and administrative assistants .....	16.35	19.12	22.20	27.00	31.30
Legal secretaries .....	17.00	18.00	25.52	32.41	35.23
Medical secretaries .....	10.00	13.59	16.97	20.52	23.31
Secretaries, except legal, medical, and executive .....	11.78	15.00	17.80	21.41	24.03
Computer operators .....	15.80	15.80	21.99	21.99	22.60
Data entry and information processing workers .....	11.00	12.87	14.78	16.57	18.79
Data entry keyers .....	10.38	11.55	13.50	14.80	16.63
Word processors and typists .....	12.97	14.99	16.48	17.60	24.20
Insurance claims and policy processing clerks .....	12.00	14.00	17.70	20.75	24.39
Mail clerks and mail machine operators, except postal service ..	7.50	8.50	10.86	12.42	15.87
Office clerks, general .....	10.28	12.50	15.14	18.12	22.15
Office machine operators, except computer .....	8.00	8.75	16.00	20.67	20.67
<b>Farming, fishing, and forestry occupations</b> .....	7.50	7.50	10.13	20.57	23.15
Graders and sorters, agricultural products .....	7.40	7.50	10.04	10.76	10.76
<b>Construction and extraction occupations</b> .....	12.25	16.50	22.84	28.94	34.50
First-line supervisors/managers of construction trades and extraction workers .....	25.56	28.75	31.66	38.66	43.27
Carpenters .....	14.87	19.13	24.00	26.67	33.61
Carpet, floor, and tile installers and finishers .....	9.50	16.14	16.14	25.15	37.90
Cement masons, concrete finishers, and terrazzo workers .....	17.00	22.00	26.05	26.68	30.00
Cement masons and concrete finishers .....	17.00	22.00	26.05	26.68	30.00
Construction laborers .....	11.92	12.50	17.50	23.99	27.28
Construction equipment operators .....	16.00	19.00	25.00	28.57	34.54

See footnotes at end of table.

Table 9

Full-time civilian workers: Hourly wage percentiles<sup>1</sup> — Continued

Occupation <sup>2</sup>	Wages fall at or below the following percentiles				
	10	25	50	75	90
<b>Construction and extraction occupations</b> –Continued					
Paving, surfacing, and tamping equipment operators .....	\$14.85	\$17.50	\$19.05	\$25.00	\$27.50
Operating engineers and other construction equipment operators .....	18.00	20.56	25.25	30.85	34.54
Drywall installers, ceiling tile installers, and tapers .....	13.00	15.00	20.00	23.00	32.53
Drywall and ceiling tile installers .....	12.00	15.00	17.00	22.00	32.53
Tapers .....	14.00	15.00	22.88	24.86	28.00
Electricians .....	13.91	17.00	27.74	33.50	37.27
Painters and paperhangers .....	12.25	15.00	20.00	23.00	28.00
Painters, construction and maintenance .....	12.25	15.00	20.00	23.00	28.00
Pipelayers, plumbers, pipefitters, and steamfitters .....	16.29	21.32	28.85	34.99	37.54
Pipelayers .....	23.00	25.38	27.27	33.48	34.99
Plumbers, pipefitters, and steamfitters .....	16.29	21.32	28.85	34.99	37.75
Roofers .....	16.00	18.55	24.00	28.80	33.67
Sheet metal workers .....	8.00	11.25	29.04	36.49	42.92
Structural iron and steel workers .....	20.30	22.31	29.50	30.51	32.72
Helpers, construction trades .....	9.51	10.23	15.00	22.34	22.84
Construction and building inspectors .....	20.19	25.25	31.84	31.84	31.84
Highway maintenance workers .....	15.12	18.50	22.24	26.29	26.29
Miscellaneous construction and related workers .....	10.50	13.76	15.45	23.50	25.34
<b>Installation, maintenance, and repair occupations</b> .....	12.67	16.00	21.68	28.53	31.66
First-line supervisors/managers of mechanics, installers, and repairers .....	14.02	22.12	27.33	32.47	42.50
Computer, automated teller, and office machine repairers .....	7.50	7.50	14.58	19.06	45.72
Radio and telecommunications equipment installers and repairers .....	14.47	20.15	30.56	30.56	31.28
Telecommunications equipment installers and repairers, except line installers .....	14.47	20.15	30.56	30.56	31.28
Miscellaneous electrical and electronic equipment mechanics, installers, and repairers .....	15.19	20.50	29.76	34.23	36.27
Electrical and electronics repairers, commercial and industrial equipment .....	15.19	25.38	28.85	30.64	34.23
Aircraft mechanics and service technicians .....	20.69	26.59	28.60	32.16	32.29
Automotive technicians and repairers .....	12.00	15.00	18.25	23.31	28.55
Automotive body and related repairers .....	11.62	16.68	18.07	21.00	24.00
Automotive service technicians and mechanics .....	13.01	15.00	18.51	23.50	28.68
Bus and truck mechanics and diesel engine specialists .....	15.68	19.25	21.17	27.00	29.97
Heavy vehicle and mobile equipment service technicians and mechanics .....	14.80	15.05	21.11	26.44	32.00
Mobile heavy equipment mechanics, except engines .....	15.05	16.50	21.11	25.60	34.32
Rail car repairers .....	22.93	24.24	26.77	27.98	30.94
Miscellaneous vehicle and mobile equipment mechanic, installers, and repairers .....	10.00	10.36	12.25	13.00	13.00
Tire repairers and changers .....	10.00	10.36	12.25	13.00	13.00
Control and valve installers and repairers .....	19.21	19.21	24.33	27.97	27.97

See footnotes at end of table.

Table 9

Full-time civilian workers: Hourly wage percentiles<sup>1</sup> — Continued

Occupation <sup>2</sup>	Wages fall at or below the following percentiles				
	10	25	50	75	90
<b>Installation, maintenance, and repair occupations</b> –Continued					
Control and valve installers and repairers, except mechanical door .....	\$19.21	\$19.21	\$24.33	\$27.97	\$27.97
Heating, air conditioning, and refrigeration mechanics and installers .....	12.67	20.00	29.36	30.00	41.16
Industrial machinery installation, repair, and maintenance workers .....	14.39	16.63	21.74	26.72	31.66
Industrial machinery mechanics .....	18.90	19.61	22.50	30.01	32.81
Maintenance and repair workers, general .....	14.99	16.12	20.83	24.00	29.86
Maintenance workers, machinery .....	12.04	13.64	18.00	28.42	30.04
Line installers and repairers .....	20.50	26.77	29.11	30.18	30.71
Electrical power-line installers and repairers .....	26.18	27.67	33.02	40.80	44.39
Precision instrument and equipment repairers .....	19.92	24.73	28.84	28.84	33.97
Miscellaneous installation, maintenance, and repair workers .....	10.00	11.25	14.68	21.79	24.71
Helpers--installation, maintenance, and repair workers .....	8.50	10.00	11.80	13.75	15.00
<b>Production occupations</b> .....					
First-line supervisors/managers of production and operating workers .....	8.50	10.50	14.50	20.70	27.13
Electrical, electronics, and electromechanical assemblers .....	17.50	20.77	24.04	29.42	38.77
Electrical and electronic equipment assemblers .....	8.75	11.22	11.94	16.00	21.50
Electromechanical equipment assemblers .....	8.96	11.22	11.94	14.90	20.77
Structural metal fabricators and fitters .....	8.75	12.00	15.50	17.56	23.95
Miscellaneous assemblers and fabricators .....	12.50	12.50	14.50	15.05	16.85
Team assemblers .....	9.00	10.00	12.00	17.84	24.50
Bakers .....	8.32	8.58	9.99	15.37	16.82
Butchers and other meat, poultry, and fish processing workers ..	7.93	9.00	10.00	12.50	15.99
Butchers and meat cutters .....	12.98	16.00	19.77	21.00	21.26
Miscellaneous food processing workers .....	16.00	19.52	20.50	21.00	21.26
Food batchmakers .....	7.75	8.75	10.50	13.39	16.02
Computer control programmers and operators .....	7.75	7.75	9.75	11.50	14.28
Computer-controlled machine tool operators, metal and plastic .....	11.50	14.00	16.10	25.00	25.00
Forming machine setters, operators, and tenders, metal and plastic .....	11.50	14.00	16.00	25.00	25.00
Machine tool cutting setters, operators, and tenders, metal and plastic .....	11.00	12.24	14.08	16.50	21.16
Cutting, punching, and press machine setters, operators, and tenders, metal and plastic .....	9.27	10.32	12.45	16.30	19.01
Grinding, lapping, polishing, and buffing machine tool setters, operators, and tenders, metal and plastic .....	11.36	12.92	13.42	17.49	20.00
Machinists .....	9.50	10.32	10.32	11.00	17.31
Molders and molding machine setters, operators, and tenders, metal and plastic .....	16.19	19.25	23.00	24.58	29.70
Molding, coremaking, and casting machine setters, operators, and tenders, metal and plastic .....	7.50	8.50	12.42	18.95	21.50
Molding, coremaking, and casting machine setters, operators, and tenders, metal and plastic .....	7.50	8.00	12.42	19.45	21.50

See footnotes at end of table.

Table 9

Full-time civilian workers: Hourly wage percentiles<sup>1</sup> — Continued

Occupation <sup>2</sup>	Wages fall at or below the following percentiles				
	10	25	50	75	90
<b>Production occupations</b> –Continued					
Multiple machine tool setters, operators, and tenders, metal and plastic .....	\$11.03	\$12.23	\$14.00	\$15.00	\$17.60
Tool and die makers .....	18.00	18.50	25.07	28.00	29.81
Welding, soldering, and brazing workers .....	11.05	15.00	18.41	22.16	28.34
Welders, cutters, solderers, and brazers .....	11.47	15.00	18.41	21.93	30.15
Welding, soldering, and brazing machine setters, operators, and tenders .....	11.05	14.69	16.78	24.97	26.73
Miscellaneous metalworkers and plastic workers .....	11.34	12.35	17.00	24.58	28.00
Plating and coating machine setters, operators, and tenders, metal and plastic .....	11.78	12.56	17.00	24.58	24.58
Bookbinders and bindery workers .....	10.50	12.00	14.02	16.47	22.71
Bindery workers .....	10.50	12.00	14.02	16.47	22.71
Printers .....	11.00	13.65	18.00	20.00	24.50
Job printers .....	9.50	12.00	18.00	18.74	22.65
Prepress technicians and workers .....	10.70	13.65	16.73	20.35	25.96
Printing machine operators .....	11.00	14.87	18.00	19.86	24.51
Laundry and dry-cleaning workers .....	8.00	8.10	8.80	11.60	13.00
Sewing machine operators .....	6.75	7.50	8.00	9.14	11.00
Textile machine setters, operators, and tenders .....	8.00	9.50	10.25	11.14	12.21
Textile cutting machine setters, operators, and tenders .....	8.00	9.50	10.25	11.00	12.58
Miscellaneous textile, apparel, and furnishings workers .....	8.25	9.00	11.89	19.02	29.18
Cabinetmakers and bench carpenters .....	9.99	10.50	12.50	16.00	17.85
Woodworking machine setters, operators, and tenders .....	9.19	11.00	12.15	14.60	16.10
Sawing machine setters, operators, and tenders, wood .....	10.75	12.00	12.25	15.72	17.20
Woodworking machine setters, operators, and tenders, except sawing .....	9.19	9.19	11.30	12.50	14.60
Power plant operators .....	28.29	29.48	38.40	38.40	38.40
Stationary engineers and boiler operators .....	20.31	28.89	31.24	35.48	37.69
Water and liquid waste treatment plant and system operators ....	16.54	19.17	20.64	25.10	32.08
Miscellaneous plant and system operators .....	28.21	28.60	29.77	30.48	32.80
Petroleum pump system operators, refinery operators, and gaugers .....	25.85	28.21	30.48	32.38	34.94
Chemical processing machine setters, operators, and tenders ....	10.00	13.70	19.08	26.31	29.12
Separating, filtering, clarifying, precipitating, and still machine setters, operators, and tenders .....	10.00	19.08	26.31	26.31	29.12
Crushing, grinding, polishing, mixing, and blending workers ....	9.25	10.97	13.90	19.97	29.42
Mixing and blending machine setters, operators, and tenders .....	10.44	10.97	13.75	19.97	19.97
Cutting workers .....	8.25	9.15	13.63	14.50	18.00
Cutting and slicing machine setters, operators, and tenders ....	8.25	8.50	13.63	14.50	18.00
Extruding, forming, pressing, and compacting machine setters, operators, and tenders .....	9.19	9.19	14.41	21.92	25.16
Inspectors, testers, sorters, samplers, and weighers .....	7.50	10.30	14.25	20.41	27.97
Packaging and filling machine operators and tenders .....	7.60	9.00	12.06	16.80	21.14
Painting workers .....	8.74	12.00	14.99	18.00	21.61

See footnotes at end of table.

Table 9

Full-time civilian workers: Hourly wage percentiles<sup>1</sup> — Continued

Occupation <sup>2</sup>	Wages fall at or below the following percentiles				
	10	25	50	75	90
<b>Production occupations –Continued</b>					
Coating, painting, and spraying machine setters, operators, and tenders .....	\$8.74	\$9.50	\$15.00	\$18.55	\$20.00
Painters, transportation equipment .....	12.46	17.00	17.00	19.00	27.97
Photographic process workers and processing machine operators .....	14.00	14.10	24.38	27.67	29.33
Photographic process workers .....	21.56	24.38	26.80	29.33	31.99
Semiconductor processors .....	7.59	12.21	14.48	17.54	21.88
Miscellaneous production workers .....	8.00	9.31	12.00	16.21	21.45
Paper goods machine setters, operators, and tenders .....	16.15	18.07	20.25	21.68	26.61
Helpers--production workers .....	7.95	8.50	9.49	10.65	12.88
<b>Transportation and material moving occupations .....</b>					
First-line supervisors/managers of helpers, laborers, and material movers, hand .....	8.50	10.88	14.99	20.12	24.46
First-line supervisors/managers of transportation and material-moving machine and vehicle operators .....	13.19	14.99	21.36	23.27	28.42
First-line supervisors/managers of transportation and material-moving machine and vehicle operators .....	20.06	24.04	28.52	33.81	35.35
Aircraft pilots and flight engineers .....	21.44	83.37	121.45	156.93	168.29
Airline pilots, copilots, and flight engineers .....	24.09	83.60	122.95	156.93	168.70
Bus drivers .....	12.41	14.75	17.20	21.27	24.56
Bus drivers, transit and intercity .....	11.50	14.96	17.20	21.97	24.87
Bus drivers, school .....	13.59	14.02	16.33	18.25	19.73
Driver/sales workers and truck drivers .....	11.08	14.50	18.00	21.53	25.05
Driver/sales workers .....	14.79	14.79	17.22	21.73	27.33
Truck drivers, heavy and tractor-trailer .....	14.25	16.20	20.04	21.53	23.83
Truck drivers, light or delivery services .....	9.00	11.50	15.00	18.82	27.00
Taxi drivers and chauffeurs .....	7.10	8.15	11.45	13.66	15.78
Locomotive engineers and operators .....	25.15	27.33	30.68	40.65	48.22
Locomotive engineers .....	25.15	25.15	33.59	42.14	49.53
Railroad brake, signal, and switch operators .....	19.66	24.79	29.06	34.45	41.25
Ship and boat captains and operators .....	19.51	27.00	36.08	38.06	39.51
Captains, mates, and pilots of water vessels .....	19.51	27.00	36.08	38.06	39.51
Parking lot attendants .....	7.50	7.50	9.14	11.00	11.50
Service station attendants .....	7.80	7.80	9.00	22.27	22.27
Crane and tower operators .....	29.29	32.23	32.34	36.48	36.48
Dredge, excavating, and loading machine operators .....	17.15	19.67	22.63	25.00	27.85
Excavating and loading machine and dragline operators .....	17.15	19.67	22.63	24.92	27.83
Industrial truck and tractor operators .....	10.00	11.00	13.90	17.06	21.99
Laborers and material movers, hand .....	7.55	8.82	11.01	14.60	17.80
Cleaners of vehicles and equipment .....	7.50	8.82	11.01	12.67	16.42
Laborers and freight, stock, and material movers, hand .....	8.11	10.00	12.00	15.45	19.05
Packers and packagers, hand .....	7.50	7.78	8.67	10.50	15.96

<sup>1</sup> Percentiles designate position in the earnings distribution and are calculated from individual worker earnings and the hours they are scheduled to work. See appendix A for more information.

<sup>2</sup> A classification system including about 800 individual occupations is used to cover all workers in the civilian economy. See appendix B for more information.

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

SOURCE: Bureau of Labor Statistics, National Compensation Survey.