

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> .....	\$9.75	\$12.50	\$17.66	\$26.87	\$37.39
<b>Management occupations</b> .....	22.28	28.76	37.39	50.10	62.73
Chief executives .....	42.30	49.08	88.48	124.25	162.99
General and operations managers .....	23.22	29.57	36.54	53.69	68.15
Legislators .....	16.94	22.71	22.71	27.69	27.69
Advertising and promotions managers .....	12.75	12.75	31.23	36.35	55.29
Marketing and sales managers .....	26.70	32.89	41.10	55.64	72.12
Marketing managers .....	28.69	34.40	43.32	53.66	66.97
Sales managers .....	24.59	31.95	36.25	56.95	74.35
Public relations managers .....	25.80	28.09	40.69	49.63	54.81
Administrative services managers .....	24.00	25.48	30.10	36.39	44.53
Computer and information systems managers .....	32.11	39.11	46.13	55.08	69.38
Financial managers .....	19.84	25.68	32.39	40.14	57.12
Human resources managers .....	18.27	21.39	31.25	42.88	66.92
Training and development managers .....	19.28	25.46	33.12	42.95	72.12
Industrial production managers .....	27.86	33.09	40.70	46.68	57.80
Purchasing managers .....	29.70	29.72	40.06	53.61	98.04
Transportation, storage, and distribution managers .....	17.50	21.95	36.25	40.87	52.41
Construction managers .....	21.99	25.96	29.82	38.25	45.19
Education administrators .....	22.29	33.13	45.01	55.29	61.49
Education administrators, preschool and child care center/program .....	18.16	18.16	33.13	33.13	54.90
Education administrators, elementary and secondary school ..	30.96	37.95	46.15	53.68	58.65
Education administrators, postsecondary .....	20.02	24.48	47.62	58.59	80.98
Engineering managers .....	36.00	39.64	52.35	55.54	66.32
Food service managers .....	18.06	18.20	26.16	31.15	31.15
Medical and health services managers .....	30.00	33.50	37.39	45.50	53.33
Property, real estate, and community association managers .....	13.50	19.50	24.52	27.20	48.08
Social and community service managers .....	16.93	23.24	30.94	32.54	36.92
<b>Business and financial operations occupations</b> .....	17.55	20.89	26.96	34.27	44.01
Buyers and purchasing agents .....	20.52	21.60	26.20	32.90	44.24
Wholesale and retail buyers, except farm products .....	21.48	24.94	32.60	44.35	57.67
Purchasing agents, except wholesale, retail, and farm products .....	20.52	21.60	25.99	30.93	41.31
Claims adjusters, appraisers, examiners, and investigators .....	16.85	19.86	26.96	30.88	36.30
Claims adjusters, examiners, and investigators .....	16.85	19.86	26.96	30.88	36.30
Compliance officers, except agriculture, construction, health and safety, and transportation .....	18.10	18.10	22.28	24.51	28.52
Cost estimators .....	14.53	16.00	20.26	34.38	44.58
Human resources, training, and labor relations specialists .....	19.23	23.70	30.02	34.93	44.73
Employment, recruitment, and placement specialists .....	11.38	19.23	26.17	37.69	39.23
Compensation, benefits, and job analysis specialists .....	16.00	20.30	24.42	33.65	38.94
Training and development specialists .....	25.50	26.35	28.69	31.13	34.33
Logisticians .....	16.83	20.19	28.50	33.21	37.06
Management analysts .....	21.33	27.50	35.73	44.98	52.88

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>					
Accountants and auditors .....	\$18.45	\$20.67	\$26.28	\$32.55	\$42.08
Appraisers and assessors of real estate .....	19.53	19.53	21.48	32.20	34.94
Budget analysts .....	24.83	25.77	28.30	32.88	46.33
Credit analysts .....	15.70	18.43	21.29	25.00	37.64
Financial analysts and advisors .....	18.51	21.88	28.74	41.54	47.74
Financial analysts .....	19.74	25.12	31.48	45.98	55.39
Personal financial advisors .....	11.49	15.54	19.06	21.63	31.59
Insurance underwriters .....	19.33	21.11	27.31	41.82	46.15
Loan counselors and officers .....	15.42	15.50	24.04	37.14	42.28
Loan officers .....	15.42	15.42	22.90	39.79	42.28
<b>Computer and mathematical science occupations .....</b>	19.71	23.84	30.78	37.84	44.55
Computer programmers .....	22.01	24.52	31.73	36.42	40.38
Computer software engineers .....	24.04	31.91	37.39	43.08	50.35
Computer software engineers, applications .....	23.91	31.09	34.76	41.67	46.56
Computer software engineers, systems software .....	24.04	32.50	37.84	43.78	51.19
Computer support specialists .....	14.42	17.28	19.78	27.15	34.10
Computer systems analysts .....	21.43	28.07	34.08	40.01	46.64
Database administrators .....	23.21	25.00	33.80	39.91	44.71
Network and computer systems administrators .....	20.43	25.19	28.80	34.40	41.83
Network systems and data communications analysts .....	21.84	22.40	27.64	34.12	37.51
Actuaries .....	25.64	27.31	34.55	42.97	54.66
Operations research analysts .....	23.99	25.39	31.46	38.46	40.76
<b>Architecture and engineering occupations .....</b>	20.08	25.18	31.45	39.11	45.92
Architects, except naval .....	17.31	25.35	28.62	32.21	45.79
Architects, except landscape and naval .....	17.31	25.35	28.62	32.21	45.79
Engineers .....	24.26	29.42	35.06	42.60	49.43
Chemical engineers .....	32.97	34.87	42.50	52.97	60.52
Civil engineers .....	24.14	29.30	32.45	39.52	41.59
Computer hardware engineers .....	20.98	23.92	23.92	27.92	42.93
Electrical and electronics engineers .....	20.39	28.50	34.07	42.55	54.44
Electrical engineers .....	20.39	22.28	32.09	38.59	47.34
Electronics engineers, except computer .....	29.36	31.16	35.98	43.89	57.99
Industrial engineers, including health and safety .....	20.99	26.73	34.47	39.95	43.37
Industrial engineers .....	21.27	27.00	35.06	40.00	43.21
Materials engineers .....	25.10	27.85	36.29	48.52	58.26
Mechanical engineers .....	25.97	29.35	33.15	39.46	44.79
Drafters .....	15.35	17.48	23.08	29.13	36.08
Architectural and civil drafters .....	16.37	17.00	26.10	36.08	36.08
Mechanical drafters .....	17.00	20.60	23.32	29.13	29.13
Engineering technicians, except drafters .....	18.00	20.27	24.04	29.90	33.80
Civil engineering technicians .....	21.51	21.89	22.59	25.14	27.04
Electrical and electronic engineering technicians .....	18.67	20.05	21.91	25.90	33.19
Electro-mechanical technicians .....	18.88	24.49	25.56	28.14	34.41

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 –Continued</b>					
Industrial engineering technicians .....	\$17.19	\$19.75	\$24.24	\$27.24	\$28.73
Mechanical engineering technicians .....	19.24	20.08	21.39	28.43	34.43
<b>Life, physical, and social science occupations</b> .....					
Life scientists .....	16.66	19.69	26.62	36.71	52.86
Biological scientists .....	17.85	20.68	29.94	37.50	66.34
Medical scientists .....	17.84	24.70	31.82	35.94	41.72
Physical scientists .....	17.33	20.19	28.11	66.34	69.71
Chemists and materials scientists .....	22.21	24.98	35.90	46.34	55.14
Chemists .....	22.32	28.85	36.80	49.39	56.38
Environmental scientists and geoscientists .....	21.48	28.69	35.90	42.75	55.94
Environmental scientists and specialists, including health ..	18.55	22.82	25.39	36.71	38.92
Market and survey researchers .....	18.13	22.87	32.04	36.71	39.17
Market research analysts .....	17.24	17.36	25.50	35.90	38.75
Psychologists .....	17.24	17.24	24.95	35.90	38.75
Clinical, counseling, and school psychologists .....	18.11	19.93	32.46	55.79	58.97
Urban and regional planners .....	18.11	19.93	32.46	55.79	58.97
Biological technicians .....	22.98	26.22	32.38	43.23	43.23
Chemical technicians .....	14.42	16.83	19.04	23.88	24.87
Miscellaneous life, physical, and social science technicians .....	16.66	18.49	22.00	26.93	31.39
Community and social services occupations .....	14.99	16.26	18.28	23.51	27.59
Counselors .....	12.82	14.86	17.50	23.46	31.36
Educational, vocational, and school counselors .....	12.00	15.39	17.50	23.48	36.45
Rehabilitation counselors .....	14.36	17.33	19.59	28.71	48.02
Social workers .....	10.10	10.96	14.03	17.52	20.72
Child, family, and school social workers .....	13.94	15.97	18.53	24.44	32.07
Medical and public health social workers .....	13.94	16.20	18.82	25.86	33.46
Mental health and substance abuse social workers .....	17.48	17.50	21.06	25.79	28.86
Miscellaneous community and social service specialists .....	13.50	14.85	16.69	20.18	32.07
Probation officers and correctional treatment specialists .....	10.44	12.88	16.05	23.36	30.15
Social and human service assistants .....	17.13	21.94	24.21	28.32	31.46
Legal occupations .....	10.06	11.00	13.67	14.73	21.03
Lawyers .....	19.20	25.77	38.27	63.32	89.14
Paralegals and legal assistants .....	23.50	30.93	51.80	73.79	89.14
Miscellaneous legal support workers .....	14.02	24.75	35.00	45.11	51.29
Title examiners, abstractors, and searchers .....	16.15	17.48	21.47	27.04	28.49
Education, training, and library occupations .....	16.15	16.15	19.58	27.04	27.04
Postsecondary teachers .....	11.39	21.84	34.58	44.61	56.99
Business teachers, postsecondary .....	24.44	33.15	42.33	56.53	78.70
Math and computer teachers, postsecondary .....	26.16	26.16	26.16	45.47	70.28
Computer science teachers, postsecondary .....	33.01	39.46	47.37	60.12	74.63
Mathematical science teachers, postsecondary .....	29.89	38.72	60.31	63.21	82.84
	33.01	40.38	46.92	52.56	60.12

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>Education, training, and library occupations</b> –Continued					
Engineering and architecture teachers, postsecondary .....	\$49.57	\$54.30	\$63.82	\$67.48	\$100.59
Engineering teachers, postsecondary .....	47.48	59.93	67.48	90.50	100.59
Life sciences teachers, postsecondary .....	16.98	20.19	42.64	63.64	132.13
Biological science teachers, postsecondary .....	16.83	19.76	42.64	55.08	132.13
Social sciences teachers, postsecondary .....	31.04	33.15	35.51	44.91	74.52
Sociology teachers, postsecondary .....	34.65	39.00	41.15	47.79	53.68
Health teachers, postsecondary .....	22.87	30.94	51.15	81.23	87.28
Health specialties teachers, postsecondary .....	22.64	24.04	53.22	86.55	87.28
Nursing instructors and teachers, postsecondary .....	31.31	37.00	38.65	52.42	57.11
Education and library science teachers, postsecondary .....	33.33	37.88	38.82	43.45	44.36
Education teachers, postsecondary .....	33.33	37.88	38.82	43.45	44.36
Law, criminal justice, and social work teachers, postsecondary .....	32.88	51.67	87.52	88.18	101.68
Arts, communications, and humanities teachers, postsecondary .....	29.26	34.09	40.99	52.23	61.10
Art, drama, and music teachers, postsecondary .....	33.33	36.28	38.76	40.88	44.83
English language and literature teachers, postsecondary ....	28.20	34.09	42.07	46.25	61.10
History teachers, postsecondary .....	29.26	48.39	54.52	69.78	75.06
Philosophy and religion teachers, postsecondary .....	30.59	40.99	40.99	43.76	56.55
Miscellaneous postsecondary teachers .....	22.85	32.23	43.77	43.77	57.44
Vocational education teachers, postsecondary .....	17.05	26.22	46.84	78.70	78.70
Primary, secondary, and special education school teachers .....	23.81	30.63	38.93	47.36	56.56
Preschool and kindergarten teachers .....	8.50	9.50	12.79	24.58	42.26
Preschool teachers, except special education .....	8.50	8.75	11.13	12.79	15.12
Kindergarten teachers, except special education .....	25.50	31.68	35.45	48.45	59.51
Elementary and middle school teachers .....	26.10	31.89	39.89	48.09	57.21
Elementary school teachers, except special education .....	26.78	32.67	40.20	48.09	57.37
Middle school teachers, except special and vocational education .....	24.74	30.18	38.03	47.23	54.52
Secondary school teachers .....	26.27	32.28	39.92	48.05	56.59
Secondary school teachers, except special and vocational education .....	26.11	32.04	39.59	48.03	56.69
Vocational education teachers, secondary school .....	31.59	37.35	43.29	49.97	54.50
Special education teachers .....	25.22	31.06	38.36	45.68	56.14
Special education teachers, preschool, kindergarten, and elementary school .....	24.72	30.58	37.24	46.22	56.14
Special education teachers, middle school .....	26.96	30.23	34.90	43.71	52.59
Special education teachers, secondary school .....	25.38	32.15	39.86	45.49	56.50
Other teachers and instructors .....	19.78	22.89	27.84	39.50	49.72
Adult literacy, remedial education, and GED teachers and instructors .....	18.94	20.08	33.68	42.62	49.45
Librarians .....	18.74	21.78	28.40	43.51	68.68
Library technicians .....	12.64	13.81	14.01	14.87	18.25
Instructional coordinators .....	23.98	25.48	30.00	37.89	38.27
Teacher assistants .....	8.90	9.80	11.19	13.12	16.27

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>	\$13.26	\$16.83	\$20.94	\$27.92	\$34.90
Designers .....	14.00	17.34	23.59	27.92	34.66
Commercial and industrial designers .....	18.03	32.64	37.12	46.62	50.03
Graphic designers .....	14.00	18.29	23.56	27.17	27.64
Athletes, coaches, umpires, and related workers .....	11.00	12.78	14.42	18.42	33.05
Coaches and scouts .....	11.00	12.78	14.42	18.42	33.05
News analysts, reporters and correspondents .....	12.00	12.64	16.85	27.89	37.14
Reporters and correspondents .....	12.00	12.64	16.85	27.89	37.14
Public relations specialists .....	18.78	19.68	22.22	25.59	39.74
Writers and editors .....	14.72	18.00	23.65	32.01	36.93
Editors .....	13.46	14.90	22.21	33.49	36.93
Technical writers .....	16.50	19.35	24.00	29.96	32.59
Broadcast and sound engineering technicians and radio operators .....	17.23	17.74	20.00	20.83	26.93
<b>Healthcare practitioner and technical occupations .....</b>	15.23	20.19	26.44	33.90	50.00
Dietitians and nutritionists .....	19.78	21.13	23.61	25.85	26.30
Pharmacists .....	46.37	49.50	50.60	52.00	53.65
Physicians and surgeons .....	22.87	59.44	90.91	124.98	201.09
Family and general practitioners .....	22.87	74.04	100.00	125.00	174.62
Internists, general .....	57.69	76.92	104.54	104.54	104.54
Psychiatrists .....	32.02	32.02	74.59	78.61	97.06
Registered nurses .....	23.00	25.27	28.92	32.80	40.13
Therapists .....	20.54	23.96	28.80	37.18	45.67
Occupational therapists .....	25.64	27.75	29.64	33.28	33.92
Physical therapists .....	27.56	31.95	36.50	42.74	51.97
Recreational therapists .....	16.60	16.93	20.14	28.49	30.26
Respiratory therapists .....	19.72	21.84	23.86	25.97	27.20
Speech-language pathologists .....	23.73	25.64	35.84	47.57	55.39
Clinical laboratory technologists and technicians .....	12.71	15.84	19.55	24.69	28.00
Medical and clinical laboratory technologists .....	20.29	22.25	25.57	28.79	30.69
Medical and clinical laboratory technicians .....	11.47	14.26	16.90	20.03	24.77
Dental hygienists .....	27.83	30.38	32.50	34.13	35.00
Diagnostic related technologists and technicians .....	19.75	24.07	30.96	38.79	43.72
Cardiovascular technologists and technicians .....	17.10	22.19	41.18	46.47	74.77
Diagnostic medical sonographers .....	24.04	26.15	30.96	37.70	45.56
Radiologic technologists and technicians .....	19.75	22.72	26.44	34.01	38.79
Emergency medical technicians and paramedics .....	10.42	10.42	14.58	17.77	26.60
Health diagnosing and treating practitioner support technicians .....	11.94	13.39	15.00	17.71	21.36
Pharmacy technicians .....	12.05	13.51	14.42	15.70	16.56
Psychiatric technicians .....	10.48	11.00	12.27	13.94	14.97
Surgical technologists .....	13.12	15.40	18.23	20.96	23.34
Licensed practical and licensed vocational nurses .....	15.29	17.33	19.00	21.46	24.06
Medical records and health information technicians .....	11.20	13.56	16.14	18.53	26.42
Miscellaneous health technologists and technicians .....	13.92	14.43	17.76	20.46	22.15
Occupational health and safety specialists and technicians .....	15.74	21.03	30.32	34.91	37.24

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 practitioner and technical occupations</b> –Continued					
Occupational health and safety specialists .....	\$15.74	\$20.47	\$30.32	\$34.91	\$37.24
<b>Healthcare support occupations</b> .....	9.50	10.20	11.79	14.25	16.51
Nursing, psychiatric, and home health aides .....	9.01	9.82	11.07	13.02	15.50
Home health aides .....	8.75	9.48	10.40	11.78	13.00
Nursing aides, orderlies, and attendants .....	9.27	9.91	11.15	13.02	15.50
Psychiatric aides .....	9.06	10.30	12.66	15.80	18.00
Physical therapist assistants and aides .....	10.39	11.47	12.28	19.76	21.82
Physical therapist aides .....	10.39	10.60	11.79	12.28	15.40
Miscellaneous healthcare support occupations .....	10.50	11.67	13.50	15.88	18.46
Dental assistants .....	14.55	15.50	17.50	18.50	20.45
Medical assistants .....	10.50	12.00	13.78	15.81	18.88
Medical equipment preparers .....	11.45	12.42	13.32	15.72	18.46
Medical transcriptionists .....	11.00	11.00	13.50	16.68	18.73
Pharmacy aides .....	9.17	10.65	11.06	11.70	15.53
<b>Protective service occupations</b> .....	9.50	11.26	18.37	25.42	30.95
First-line supervisors/managers, law enforcement workers .....	20.78	27.25	30.80	35.15	35.78
First-line supervisors/managers of correctional officers .....	20.41	23.31	29.05	29.77	30.97
First-line supervisors/managers of police and detectives .....	21.48	28.42	31.61	35.15	36.26
First-line supervisors/managers of fire fighting and prevention workers .....	13.58	18.83	26.30	31.28	31.28
Fire fighters .....	16.33	18.29	21.78	24.57	29.32
Bailiffs, correctional officers, and jailers .....	13.22	15.68	19.92	23.97	25.97
Correctional officers and jailers .....	13.22	15.54	19.84	23.53	25.57
Detectives and criminal investigators .....	21.03	28.50	28.57	32.74	32.77
Police officers .....	19.57	23.84	27.42	31.36	33.97
Police and sheriff's patrol officers .....	19.57	23.84	27.42	31.36	33.97
Security guards and gaming surveillance officers .....	8.00	9.25	10.55	12.00	15.75
Security guards .....	8.00	9.25	10.50	12.00	15.75
Miscellaneous protective service workers .....	8.65	9.65	12.94	18.46	24.41
<b>Food preparation and serving related occupations</b> .....	4.25	7.50	9.45	12.16	15.10
First-line supervisors/managers, food preparation and serving workers .....	11.02	12.50	15.00	18.27	19.51
Chefs and head cooks .....	10.32	11.02	15.00	18.27	19.23
First-line supervisors/managers of food preparation and serving workers .....	11.25	12.57	15.14	18.46	19.76
Cooks .....	8.00	9.00	10.33	12.28	15.00
Cooks, fast food .....	7.00	7.25	8.00	8.45	8.50
Cooks, institution and cafeteria .....	8.48	9.85	11.84	13.62	16.82
Cooks, restaurant .....	8.00	9.00	10.00	12.00	14.25
Cooks, short order .....	7.75	9.00	9.00	10.00	11.00
Food preparation workers .....	7.39	8.00	9.50	10.60	12.00
Food service, tipped .....	2.35	3.25	4.50	7.50	8.75

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>					
Bartenders .....	\$4.00	\$5.00	\$7.50	\$8.31	\$10.50
Waiters and waitresses .....	2.32	2.65	3.50	4.50	5.75
Dining room and cafeteria attendants and bartender helpers ..	5.15	6.75	7.55	9.16	11.25
Fast food and counter workers .....	7.15	8.00	9.10	10.65	12.55
Combined food preparation and serving workers, including fast food .....	7.14	7.60	9.00	10.50	12.34
Counter attendants, cafeteria, food concession, and coffee shop .....	8.20	9.00	10.08	13.00	14.47
Food servers, nonrestaurant .....	7.22	9.21	11.61	13.37	14.32
Dishwashers .....	7.00	7.50	8.00	9.13	10.57
Hosts and hostesses, restaurant, lounge, and coffee shop .....	4.25	5.47	8.00	11.57	13.13
<b>Building and grounds cleaning and maintenance occupations</b>					
First-line supervisors/managers, building and grounds cleaning and maintenance workers .....	8.17	9.30	11.76	14.48	18.36
First-line supervisors/managers of housekeeping and janitorial workers .....	11.25	13.50	18.02	20.51	26.41
First-line supervisors/managers of landscaping, lawn service, and groundskeeping workers .....	11.25	11.25	17.31	20.50	22.69
Building cleaning workers .....	13.50	13.50	19.23	21.49	26.41
Janitors and cleaners, except maids and housekeeping cleaners .....	8.00	9.12	11.58	14.00	17.31
Maids and housekeeping cleaners .....	8.48	9.91	12.00	14.55	17.60
Grounds maintenance workers .....	7.50	8.21	9.32	12.25	14.01
Landscaping and groundskeeping workers .....	9.00	9.50	11.89	15.50	19.22
Landscaping and groundskeeping workers .....	8.50	9.50	11.14	14.18	17.50
<b>Personal care and service occupations</b>					
First-line supervisors/managers of personal service workers .....	7.00	8.76	10.80	15.00	21.59
Gaming services workers .....	9.00	12.81	15.02	17.00	22.37
Barbers and cosmetologists .....	5.00	5.88	6.94	12.24	12.36
Hairdressers, hairstylists, and cosmetologists .....	5.15	7.28	10.86	21.48	25.24
Hairdressers, hairstylists, and cosmetologists .....	5.15	7.28	10.86	21.48	25.24
Transportation attendants .....	15.54	16.50	31.65	33.98	43.22
Flight attendants .....	16.50	16.50	31.65	39.91	43.22
Child care workers .....	7.75	8.50	9.50	11.07	13.00
Personal and home care aides .....	8.25	8.50	9.75	11.42	12.70
Recreation and fitness workers .....	9.00	9.70	15.00	18.75	19.83
Recreation workers .....	9.00	11.81	17.91	18.75	19.83
Residential advisors .....	5.25	5.25	5.25	11.50	13.40
<b>Sales and related occupations</b>					
First-line supervisors/managers, sales workers .....	8.75	11.00	15.50	24.62	36.41
First-line supervisors/managers of retail sales workers .....	10.77	13.75	17.40	23.97	41.35
First-line supervisors/managers of non-retail sales workers ...	10.15	13.00	16.03	19.95	24.23
First-line supervisors/managers of non-retail sales workers ...	15.32	21.23	27.25	51.46	61.33
Retail sales workers .....	8.00	9.25	11.35	15.00	19.86
Cashiers, all workers .....	7.75	8.50	9.58	11.81	14.30

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>Sales and related occupations –Continued</b>					
Cashiers .....	\$7.75	\$8.50	\$9.56	\$11.74	\$14.30
Counter and rental clerks and parts salespersons .....	8.50	10.25	14.28	19.00	25.00
Counter and rental clerks .....	7.75	9.00	15.16	15.58	23.99
Parts salespersons .....	9.75	10.59	14.28	21.69	27.94
Retail salespersons .....	8.26	9.89	12.02	16.00	20.64
Advertising sales agents .....	14.38	18.90	25.83	25.83	29.99
Insurance sales agents .....	11.80	13.46	19.54	28.80	37.64
Securities, commodities, and financial services sales agents .....	14.75	22.41	37.50	56.13	205.02
Travel agents .....	16.28	18.77	22.81	23.58	25.55
Sales representatives, wholesale and manufacturing .....	14.42	19.05	26.16	35.51	55.79
Sales representatives, wholesale and manufacturing, technical and scientific products .....	20.19	24.04	31.25	77.21	104.24
Sales representatives, wholesale and manufacturing, except technical and scientific products .....	14.42	17.48	23.83	31.24	44.03
Real estate brokers and sales agents .....	11.32	11.32	12.00	16.97	32.85
Real estate sales agents .....	11.32	11.32	11.65	17.30	39.66
Miscellaneous sales and related workers .....	10.66	13.11	15.85	25.56	39.86
<b>Office and administrative support occupations .....</b>	<b>10.18</b>	<b>12.14</b>	<b>15.00</b>	<b>18.66</b>	<b>22.54</b>
First-line supervisors/managers of office and administrative support workers .....	15.12	17.42	20.05	24.52	28.45
Switchboard operators, including answering service .....	10.00	11.00	12.08	14.98	17.83
Financial clerks .....	10.20	12.03	14.82	17.84	21.00
Bill and account collectors .....	10.94	13.08	14.80	17.00	23.63
Billing and posting clerks and machine operators .....	11.00	13.44	15.00	17.48	18.80
Bookkeeping, accounting, and auditing clerks .....	11.42	13.29	15.36	18.75	21.54
Payroll and timekeeping clerks .....	14.35	15.95	17.41	20.91	24.62
Procurement clerks .....	13.36	14.04	15.71	17.87	19.50
Tellers .....	9.75	9.98	11.25	12.50	14.37
Brokerage clerks .....	12.36	12.36	15.30	17.92	20.15
Court, municipal, and license clerks .....	12.28	15.37	17.90	20.76	22.41
Credit authorizers, checkers, and clerks .....	11.07	11.83	14.06	15.27	19.23
Customer service representatives .....	10.42	12.41	15.00	18.69	22.44
Eligibility interviewers, government programs .....	13.43	15.02	16.73	19.15	22.30
File clerks .....	9.03	10.41	12.20	16.17	16.50
Hotel, motel, and resort desk clerks .....	8.00	8.10	9.50	10.53	12.74
Interviewers, except eligibility and loan .....	9.85	10.93	12.68	15.26	16.88
Library assistants, clerical .....	11.82	13.40	13.60	16.01	19.58
Loan interviewers and clerks .....	11.67	13.75	15.60	19.30	21.55
New accounts clerks .....	10.78	14.00	16.63	19.22	21.23
Order clerks .....	10.00	11.00	14.92	17.39	20.00
Human resources assistants, except payroll and timekeeping .....	13.66	15.89	18.39	18.51	22.45
Receptionists and information clerks .....	10.00	11.21	12.50	14.00	16.83
Dispatchers .....	13.75	16.19	19.99	23.74	26.23
Police, fire, and ambulance dispatchers .....	14.12	16.19	18.03	21.28	24.00

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>Office and administrative support occupations –Continued</b>					
Dispatchers, except police, fire, and ambulance .....	\$13.33	\$14.50	\$21.25	\$24.30	\$26.23
Meter readers, utilities .....	10.00	15.12	18.42	20.37	23.43
Production, planning, and expediting clerks .....	13.24	15.36	20.20	23.89	26.12
Shipping, receiving, and traffic clerks .....	9.35	10.90	13.51	16.06	19.95
Stock clerks and order fillers .....	7.73	9.75	11.99	14.89	18.00
Weighers, measurers, checkers, and samplers, recordkeeping ....	10.00	10.00	13.50	15.19	17.00
Secretaries and administrative assistants .....	12.13	14.61	17.60	21.40	24.66
Executive secretaries and administrative assistants .....	14.70	17.39	20.19	23.55	26.99
Legal secretaries .....	14.93	16.28	19.00	24.20	33.81
Medical secretaries .....	10.63	13.05	14.94	21.11	22.09
Secretaries, except legal, medical, and executive .....	11.00	13.48	15.87	18.34	20.48
Computer operators .....	11.59	13.11	19.57	21.00	24.43
Data entry and information processing workers .....	10.25	10.85	13.15	16.34	19.94
Data entry keyers .....	10.00	10.85	12.64	15.04	18.72
Word processors and typists .....	10.46	13.15	14.88	17.55	20.84
Insurance claims and policy processing clerks .....	12.00	13.07	15.72	18.92	22.51
Mail clerks and mail machine operators, except postal service ..	10.56	11.26	11.82	18.31	25.17
Office clerks, general .....	9.67	11.80	13.70	16.50	20.67
Office machine operators, except computer .....	11.39	11.71	13.91	15.44	18.50
<b>Farming, fishing, and forestry occupations .....</b>					
Miscellaneous agricultural workers .....	8.00	9.50	12.50	15.10	18.35
Farmworkers and laborers, crop, nursery, and greenhouse .....	7.50	9.00	11.25	13.98	15.10
Farmworkers and laborers, crop, nursery, and greenhouse .....	8.00	8.50	10.10	12.75	15.10
<b>Construction and extraction occupations .....</b>					
First-line supervisors/managers of construction trades and extraction workers .....	12.50	16.00	20.83	29.90	36.00
Brickmasons, blockmasons, and stonemasons .....	17.00	23.00	31.07	40.15	44.97
Brickmasons and blockmasons .....	22.02	22.02	25.36	34.05	36.43
Brickmasons and blockmasons .....	22.02	22.02	25.36	34.05	36.43
Carpenters .....	12.57	16.00	19.70	32.63	39.77
Carpet, floor, and tile installers and finishers .....	20.00	20.00	25.73	38.63	38.63
Cement masons, concrete finishers, and terrazzo workers .....	15.50	17.96	20.00	23.75	31.50
Cement masons and concrete finishers .....	15.50	17.50	20.00	23.75	31.50
Construction laborers .....	12.00	15.09	20.12	25.28	30.28
Construction equipment operators .....	9.50	12.00	19.79	27.47	30.30
Paving, surfacing, and tamping equipment operators .....	11.76	11.76	11.76	18.08	26.47
Operating engineers and other construction equipment operators .....	9.50	15.36	21.00	28.54	32.02
Electricians .....	13.00	18.00	23.00	32.98	36.30
Painters and paperhangers .....	8.32	11.34	15.00	20.94	33.43
Painters, construction and maintenance .....	8.32	11.34	15.00	20.94	33.43
Pipelayers, plumbers, pipefitters, and steamfitters .....	14.34	17.58	21.97	30.82	34.95
Plumbers, pipefitters, and steamfitters .....	14.34	17.75	21.97	30.82	34.95
Roofers .....	15.00	16.96	22.30	27.85	30.33
Sheet metal workers .....	13.40	18.50	26.05	29.90	34.73

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>Construction and extraction occupations –Continued</b>					
Helpers, construction trades .....	\$12.00	\$13.00	\$16.00	\$18.47	\$22.99
Helpers--brickmasons, blockmasons, stonemasons, and tile and marble setters .....	13.04	18.47	19.00	22.99	33.15
Helpers--carpenters .....	10.88	12.00	13.00	15.00	19.30
Construction and building inspectors .....	16.16	17.17	17.48	27.20	29.54
Highway maintenance workers .....	12.69	17.34	20.37	24.73	30.95
Miscellaneous construction and related workers .....	10.00	12.00	16.00	21.29	31.11
<b>Installation, maintenance, and repair occupations .....</b>	11.55	15.10	19.50	26.00	31.25
First-line supervisors/managers of mechanics, installers, and repairers .....	18.75	21.21	28.51	33.92	39.06
Computer, automated teller, and office machine repairers .....	12.50	12.50	14.66	18.58	24.00
Radio and telecommunications equipment installers and repairers .....	14.35	18.75	29.89	30.33	30.55
Telecommunications equipment installers and repairers, except line installers .....	14.35	18.75	29.89	30.33	30.55
Miscellaneous electrical and electronic equipment mechanics, installers, and repairers .....	11.25	14.50	20.75	25.43	27.22
Electrical and electronics repairers, commercial and industrial equipment .....	11.55	17.00	24.34	26.50	26.51
Electrical and electronics repairers, powerhouse, substation, and relay .....	19.28	20.03	21.93	30.88	33.43
Aircraft mechanics and service technicians .....	18.50	19.50	21.00	27.41	32.70
Automotive technicians and repairers .....	10.00	12.00	16.43	21.45	26.60
Automotive body and related repairers .....	12.00	14.28	16.00	21.32	35.58
Automotive service technicians and mechanics .....	10.00	11.11	16.43	21.49	26.00
Bus and truck mechanics and diesel engine specialists .....	15.16	17.10	20.88	24.35	29.32
Heavy vehicle and mobile equipment service technicians and mechanics .....	16.25	18.15	23.10	32.64	33.41
Mobile heavy equipment mechanics, except engines .....	17.50	18.35	25.25	33.41	34.65
Small engine mechanics .....	10.00	14.72	16.15	17.63	18.74
Outdoor power equipment and other small engine mechanics Miscellaneous vehicle and mobile equipment mechanic, installers, and repairers .....	7.00	15.06	17.10	18.30	18.79
Tire repairers and changers .....	6.85	8.75	10.10	12.50	17.66
Tire repairers and changers .....	6.85	8.50	9.50	13.41	17.66
Heating, air conditioning, and refrigeration mechanics and installers .....	12.50	15.00	17.00	20.27	29.97
Industrial machinery installation, repair, and maintenance workers .....	13.00	16.50	20.74	26.05	32.87
Industrial machinery mechanics .....	17.33	19.51	24.00	27.47	33.72
Maintenance and repair workers, general .....	12.00	14.26	17.38	22.36	27.75
Maintenance workers, machinery .....	12.50	14.82	19.33	21.58	25.30
Millwrights .....	17.32	25.28	32.87	38.71	38.71
Line installers and repairers .....	13.00	17.50	28.43	30.33	31.45
Electrical power-line installers and repairers .....	23.49	28.36	30.28	31.69	36.43

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					
Telecommunications line installers and repairers .....	\$12.00	\$14.00	\$23.31	\$30.33	\$30.55
Precision instrument and equipment repairers .....	15.50	17.01	19.07	26.28	35.11
Miscellaneous installation, maintenance, and repair workers .....	9.59	12.00	14.85	21.55	26.75
Helpers--installation, maintenance, and repair workers .....	9.25	10.00	12.00	14.78	15.37
<b>Production occupations</b> .....					
First-line supervisors/managers of production and operating workers .....	9.47	11.76	15.56	20.78	28.70
Electrical, electronics, and electromechanical assemblers .....	16.15	19.55	24.00	30.40	34.55
Coil winders, tapers, and finishers .....	9.73	10.29	11.45	14.52	19.62
Electrical and electronic equipment assemblers .....	9.74	10.00	10.75	11.11	14.15
Electromechanical equipment assemblers .....	8.25	10.02	12.36	16.58	22.90
Engine and other machine assemblers .....	9.85	10.66	11.15	14.15	17.95
Structural metal fabricators and fitters .....	14.88	16.15	21.17	21.56	29.28
Miscellaneous assemblers and fabricators .....	11.00	12.92	16.75	20.16	26.84
Team assemblers .....	9.29	11.75	16.56	28.66	29.10
Bakers .....	11.35	12.97	16.27	28.88	28.88
Butchers and other meat, poultry, and fish processing workers ..	10.15	10.33	13.49	15.11	15.41
Butchers and meat cutters .....	7.50	10.80	11.80	14.88	16.97
Slaughterers and meat packers .....	7.50	8.29	15.00	16.36	17.55
Miscellaneous food processing workers .....	10.49	10.49	11.40	12.20	12.80
Food and tobacco roasting, baking, and drying machine operators and tenders .....	8.81	9.75	12.83	19.10	21.25
Food batchmakers .....	8.81	8.81	8.81	20.70	21.99
Computer control programmers and operators .....	9.35	10.50	13.44	20.25	20.28
Computer-controlled machine tool operators, metal and plastic .....	12.75	16.40	18.17	21.45	26.49
Numerical tool and process control programmers .....	12.75	15.00	17.60	20.98	24.05
Forming machine setters, operators, and tenders, metal and plastic .....	18.87	18.87	21.22	32.55	32.55
Extruding and drawing machine setters, operators, and tenders, metal and plastic .....	11.05	11.95	15.42	18.85	20.69
Forging machine setters, operators, and tenders, metal and plastic .....	11.05	11.89	14.70	17.00	18.85
Rolling machine setters, operators, and tenders, metal and plastic .....	11.81	11.81	12.74	17.40	21.35
Machine tool cutting setters, operators, and tenders, metal and plastic .....	11.20	14.58	18.25	19.94	22.40
Cutting, punching, and press machine setters, operators, and tenders, metal and plastic .....	9.94	12.00	14.19	18.84	20.68
Drilling and boring machine tool setters, operators, and tenders, metal and plastic .....	10.29	12.00	13.43	18.83	20.68
Grinding, lapping, polishing, and buffing machine tool setters, operators, and tenders, metal and plastic .....	9.12	9.12	10.42	16.83	19.43
	10.00	11.50	14.50	17.00	19.00

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>Production occupations –Continued</b>					
Lathe and turning machine tool setters, operators, and tenders, metal and plastic .....	\$11.50	\$13.92	\$17.02	\$20.04	\$21.50
Milling and planing machine setters, operators, and tenders, metal and plastic .....	12.25	17.50	18.55	21.29	21.91
Machinists .....	14.71	16.85	19.25	23.09	29.38
Metal furnace and kiln operators and tenders .....	8.50	11.00	19.02	21.20	25.47
Metal-refining furnace operators and tenders .....	11.00	11.50	19.33	21.20	25.47
Model makers and patternmakers, metal and plastic .....	13.80	15.05	19.70	27.39	34.39
Model makers, metal and plastic .....	9.03	15.05	23.00	30.14	34.39
Molders and molding machine setters, operators, and tenders, metal and plastic .....	7.75	8.76	12.50	17.00	21.07
Molding, coremaking, and casting machine setters, operators, and tenders, metal and plastic .....	7.72	8.76	12.50	16.36	21.07
Multiple machine tool setters, operators, and tenders, metal and plastic .....	9.83	10.62	14.10	20.78	28.98
Tool and die makers .....	18.80	20.63	25.17	27.40	33.62
Welding, soldering, and brazing workers .....	11.00	13.26	15.55	19.00	26.10
Welders, cutters, solderers, and brazers .....	11.32	13.65	16.00	18.36	22.92
Welding, soldering, and brazing machine setters, operators, and tenders .....	9.92	11.50	15.35	22.00	28.38
Miscellaneous metalworkers and plastic workers .....	10.23	13.50	16.07	19.02	25.00
Heat treating equipment setters, operators, and tenders, metal and plastic .....	10.31	14.30	17.39	19.27	28.71
Plating and coating machine setters, operators, and tenders, metal and plastic .....	9.00	13.40	14.29	18.02	20.50
Tool grinders, filers, and sharpeners .....	16.04	17.22	19.04	21.50	25.00
Bookbinders and bindery workers .....	9.25	10.50	12.75	17.92	21.00
Bindery workers .....	9.25	10.50	12.75	17.92	21.00
Printers .....	11.00	13.67	17.82	21.03	23.60
Prepress technicians and workers .....	12.65	13.67	17.77	19.28	22.89
Printing machine operators .....	10.50	13.14	17.80	22.25	24.11
Laundry and dry-cleaning workers .....	7.65	8.32	9.50	11.50	13.89
Pressers, textile, garment, and related materials .....	7.50	8.50	11.05	11.75	12.83
Sewing machine operators .....	9.00	10.25	11.24	14.56	20.88
Miscellaneous textile, apparel, and furnishings workers .....	8.75	9.50	12.55	19.28	20.83
Cabinetmakers and bench carpenters .....	11.50	13.00	16.00	17.45	23.77
Woodworking machine setters, operators, and tenders .....	8.50	10.00	11.85	13.95	16.75
Sawing machine setters, operators, and tenders, wood .....	7.75	9.00	11.00	13.01	16.75
Woodworking machine setters, operators, and tenders, except sawing .....	9.50	11.06	12.61	14.00	16.41
Power plant operators, distributors, and dispatchers .....	18.75	21.75	27.38	36.20	40.67
Power plant operators .....	18.00	20.70	24.90	28.60	33.44
Stationary engineers and boiler operators .....	18.92	21.00	22.48	26.58	33.38
Water and liquid waste treatment plant and system operators ....	16.64	18.38	18.68	21.55	25.61
Miscellaneous plant and system operators .....	16.98	17.64	24.33	28.71	30.79

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>					
Chemical plant and system operators .....	\$16.98	\$17.64	\$21.43	\$28.82	\$30.79
Chemical processing machine setters, operators, and tenders .....	15.64	16.15	16.65	21.72	25.85
Crushing, grinding, polishing, mixing, and blending workers .....	11.15	12.94	15.85	18.55	23.00
Crushing, grinding, and polishing machine setters, operators, and tenders .....	12.94	16.38	16.40	18.00	19.50
Grinding and polishing workers, hand .....	10.95	11.51	13.70	15.44	23.00
Mixing and blending machine setters, operators, and tenders .....	11.00	13.61	16.25	21.50	23.75
Cutting workers .....	8.40	10.34	14.43	16.70	20.06
Cutters and trimmers, hand .....	8.40	8.40	9.84	10.54	12.53
Cutting and slicing machine setters, operators, and tenders .....	9.58	13.50	16.00	18.70	20.15
Extruding, forming, pressing, and compacting machine setters, operators, and tenders .....	12.50	12.85	14.47	16.59	21.64
Furnace, kiln, oven, drier, and kettle operators and tenders .....	11.62	11.62	13.57	26.37	26.37
Inspectors, testers, sorters, samplers, and weighers .....	10.00	12.00	14.75	20.00	25.40
Medical, dental, and ophthalmic laboratory technicians .....	10.75	11.50	15.00	16.25	19.00
Packaging and filling machine operators and tenders .....	9.00	11.56	15.28	17.43	18.51
Painting workers .....	9.25	11.35	13.95	17.10	19.50
Coating, painting, and spraying machine setters, operators, and tenders .....	9.25	10.75	12.60	14.83	17.23
Painters, transportation equipment .....	10.50	15.44	18.50	21.23	28.57
Miscellaneous production workers .....	8.00	10.13	13.58	18.49	25.18
Cementing and gluing machine operators and tenders .....	8.72	13.39	14.40	16.40	18.04
Paper goods machine setters, operators, and tenders .....	8.67	9.50	16.65	20.38	30.85
Helpers--production workers .....	7.75	10.61	12.85	16.00	21.66
<b>Transportation and material moving occupations .....</b>	<b>9.00</b>	<b>11.00</b>	<b>14.55</b>	<b>19.55</b>	<b>26.80</b>
First-line supervisors/managers of helpers, laborers, and material movers, hand .....	14.22	17.50	22.36	25.24	28.50
First-line supervisors/managers of transportation and material-moving machine and vehicle operators .....	14.00	17.00	24.64	28.85	30.75
Aircraft pilots and flight engineers .....	21.00	22.00	52.13	121.41	161.47
Airline pilots, copilots, and flight engineers .....	21.00	22.00	47.60	125.83	161.47
Bus drivers .....	10.70	12.90	16.57	20.50	26.87
Bus drivers, transit and intercity .....	13.84	18.62	26.87	26.87	26.87
Bus drivers, school .....	10.70	11.97	15.18	18.20	20.85
Driver/sales workers and truck drivers .....	10.80	14.00	17.03	22.60	28.32
Driver/sales workers .....	7.00	11.00	12.83	17.25	19.70
Truck drivers, heavy and tractor-trailer .....	13.10	15.50	18.24	22.88	28.37
Truck drivers, light or delivery services .....	8.25	10.50	15.75	28.08	28.37
Taxi drivers and chauffeurs .....	7.50	8.50	9.45	9.82	12.51
Railroad conductors and yardmasters .....	14.74	22.88	31.00	36.88	38.53
Service station attendants .....	7.25	7.91	8.00	9.50	15.24
Conveyor operators and tenders .....	8.75	9.25	10.75	12.12	13.00
Crane and tower operators .....	15.50	15.50	16.66	18.96	21.41
Dredge, excavating, and loading machine operators .....	10.50	13.15	13.92	14.00	18.44

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>Transportation and material moving occupations –Continued</b>					
Excavating and loading machine and dragline operators .....	\$10.50	\$13.15	\$13.92	\$14.00	\$17.75
Industrial truck and tractor operators .....	10.50	12.13	14.00	17.30	24.37
Laborers and material movers, hand .....	8.00	9.50	11.23	14.55	19.41
Cleaners of vehicles and equipment .....	8.25	10.00	11.50	14.00	18.50
Laborers and freight, stock, and material movers, hand .....	8.66	9.85	12.05	15.75	20.38
Machine feeders and offbearers .....	7.50	9.41	10.29	13.31	15.61
Packers and packagers, hand .....	7.50	8.00	10.50	12.97	15.69
Refuse and recyclable material collectors .....	7.50	14.21	15.00	21.80	28.00

<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.