

Table 16

Full-time civilian workers: Hourly wage percentiles¹

Occupation ²	Wages fall at or below the following percentiles				
	10	25	50	75	90
All workers	\$9.50	\$12.48	\$17.90	\$27.50	\$40.31
Management occupations	21.46	28.86	39.71	53.85	69.50
Chief executives	26.22	47.71	70.55	100.00	156.25
General and operations managers	21.41	28.85	39.56	59.62	85.23
Legislators	12.47	16.94	24.86	33.75	42.50
Advertising and promotions managers	18.27	24.04	31.93	40.87	58.89
Marketing and sales managers	24.28	32.78	45.39	58.76	77.56
Marketing managers	27.32	35.85	48.08	60.62	73.64
Sales managers	22.36	31.59	43.31	57.69	86.54
Public relations managers	18.67	23.07	30.84	48.82	77.27
Administrative services managers	20.65	25.50	33.04	40.24	48.78
Computer and information systems managers	33.41	40.87	52.19	62.50	74.76
Financial managers	23.03	29.05	39.75	54.23	72.12
Human resources managers	23.89	29.45	39.26	52.11	65.14
Compensation and benefits managers	21.21	28.53	34.87	46.22	60.00
Training and development managers	26.70	33.38	38.10	54.76	67.83
Industrial production managers	26.25	33.65	40.77	48.29	59.56
Purchasing managers	23.17	29.08	38.75	53.13	66.17
Transportation, storage, and distribution managers	20.75	25.39	33.66	48.08	61.85
Agricultural managers	15.00	16.25	16.85	36.09	56.73
Farm, ranch, and other agricultural managers	15.00	16.25	16.25	45.67	56.73
Construction managers	22.50	28.85	36.89	46.63	53.58
Education administrators	19.62	28.37	38.36	50.44	60.54
Education administrators, preschool and child care center/program	14.68	17.50	24.04	30.85	30.85
Education administrators, elementary and secondary school ..	32.94	37.71	46.94	53.80	61.86
Education administrators, postsecondary	21.89	25.55	35.54	50.00	65.24
Engineering managers	36.10	45.94	56.45	67.60	74.71
Food service managers	16.64	18.47	24.14	29.59	36.91
Funeral directors	19.23	19.46	26.25	31.00	34.75
Lodging managers	11.49	17.33	19.50	31.46	40.98
Medical and health services managers	22.28	29.76	37.96	48.76	61.52
Natural sciences managers	22.91	35.83	42.80	48.33	56.75
Property, real estate, and community association managers	14.36	21.63	26.64	33.85	44.47
Social and community service managers	16.31	22.31	29.28	34.62	42.82
Business and financial operations occupations	18.03	21.72	27.89	35.60	46.15
Buyers and purchasing agents	19.12	22.12	26.58	32.90	41.38
Purchasing agents and buyers, farm products	20.43	21.20	33.75	37.85	45.67
Wholesale and retail buyers, except farm products	18.81	21.39	26.34	32.41	41.38
Purchasing agents, except wholesale, retail, and farm products	19.12	22.27	26.94	32.52	40.60
Claims adjusters, appraisers, examiners, and investigators	18.54	21.21	27.09	32.96	38.51
Claims adjusters, examiners, and investigators	18.47	21.43	27.17	32.96	38.94
Insurance appraisers, auto damage	20.23	20.23	23.27	31.62	35.84

See footnotes at end of table.

Table 16

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					
Compliance officers, except agriculture, construction, health and safety, and transportation	\$17.99	\$20.53	\$23.48	\$31.71	\$38.48
Cost estimators	18.50	21.50	28.88	37.50	45.00
Emergency management specialists	20.90	22.26	43.52	45.95	45.95
Human resources, training, and labor relations specialists	17.31	20.89	26.56	34.37	43.71
Employment, recruitment, and placement specialists	15.20	18.33	20.89	28.13	37.35
Compensation, benefits, and job analysis specialists	20.00	21.68	26.01	33.86	40.36
Training and development specialists	17.26	22.52	28.74	35.45	43.07
Logisticians	19.33	23.28	30.63	38.65	49.52
Management analysts	20.52	25.48	33.10	45.67	56.32
Meeting and convention planners	16.55	19.23	21.81	25.73	32.50
Accountants and auditors	18.13	21.80	27.15	33.97	43.29
Appraisers and assessors of real estate	11.36	17.02	23.12	32.84	40.91
Budget analysts	23.11	25.56	28.16	36.14	41.35
Credit analysts	18.25	20.90	25.96	35.99	47.92
Financial analysts and advisors	19.63	24.04	30.73	41.83	55.31
Financial analysts	22.27	25.79	32.80	42.89	56.85
Personal financial advisors	15.00	19.26	23.46	38.71	56.89
Insurance underwriters	19.34	21.72	27.97	37.79	48.17
Financial examiners	18.73	21.17	28.55	34.64	42.43
Loan counselors and officers	15.56	18.50	25.10	34.58	46.88
Loan counselors	12.98	17.68	23.17	29.74	45.00
Loan officers	15.56	18.50	25.94	34.74	47.57
Tax examiners, collectors, preparers, and revenue agents	12.89	14.74	20.42	27.01	33.28
Tax examiners, collectors, and revenue agents	13.03	15.42	20.93	28.08	33.84
Computer and mathematical science occupations	20.02	25.49	34.84	44.41	53.40
Computer and information scientists, research	35.15	41.78	53.58	63.75	76.98
Computer programmers	20.67	25.24	34.62	41.08	51.33
Computer software engineers	27.88	34.98	42.50	51.06	60.00
Computer software engineers, applications	27.40	33.37	41.36	49.52	57.69
Computer software engineers, systems software	30.50	36.96	43.98	52.11	61.94
Computer support specialists	15.95	19.13	23.88	29.81	38.92
Computer systems analysts	25.27	30.55	38.42	45.54	53.76
Database administrators	21.75	24.96	33.77	42.54	50.58
Network and computer systems administrators	19.55	23.96	30.76	39.63	46.61
Network systems and data communications analysts	21.11	25.21	32.54	39.66	46.49
Actuaries	27.25	33.67	42.15	53.22	63.49
Operations research analysts	20.13	23.81	31.36	43.27	49.28
Statisticians	21.33	29.16	36.54	47.55	54.63
Architecture and engineering occupations	19.50	25.65	33.39	43.40	54.85
Architects, except naval	19.38	23.46	30.29	35.41	47.17
Architects, except landscape and naval	19.23	24.04	30.30	38.09	47.40
Landscape architects	22.67	23.46	27.53	32.91	35.41

See footnotes at end of table.

Table 16

Full-time civilian workers: Hourly wage percentiles¹ — Continued

Occupation ²	Wages fall at or below the following percentiles				
	10	25	50	75	90
Architecture and engineering occupations –Continued					
Surveyors, cartographers, and photogrammetrists	\$19.95	\$23.31	\$28.85	\$38.94	\$53.00
Surveyors	19.95	23.31	30.28	38.94	56.00
Engineers	26.75	31.73	39.23	48.30	60.00
Aerospace engineers	33.47	38.37	47.89	58.88	69.90
Chemical engineers	28.21	34.57	42.92	55.00	73.69
Civil engineers	23.94	28.85	35.72	43.58	50.26
Computer hardware engineers	30.54	36.89	45.14	55.29	68.63
Electrical and electronics engineers	26.83	32.17	39.42	46.55	57.19
Electrical engineers	25.83	30.49	38.46	45.60	55.18
Electronics engineers, except computer	28.48	32.87	40.57	47.17	59.22
Environmental engineers	25.64	29.81	35.28	47.75	50.77
Industrial engineers, including health and safety	25.26	29.47	35.41	43.25	52.46
Health and safety engineers, except mining safety engineers and inspectors	26.83	31.01	35.41	51.96	59.39
Industrial engineers	25.13	28.44	35.43	42.42	49.99
Materials engineers	27.33	29.81	36.91	51.14	60.01
Mechanical engineers	26.20	31.20	36.17	44.32	54.33
Mining and geological engineers, including mining safety engineers	28.85	33.50	38.46	52.89	65.03
Nuclear engineers	34.09	38.45	44.16	46.21	56.39
Petroleum engineers	30.77	36.33	41.11	77.89	85.24
Drafters	14.80	18.03	22.57	29.35	36.60
Architectural and civil drafters	14.99	18.07	22.00	31.14	36.60
Electrical and electronics drafters	13.89	15.75	23.08	26.45	32.40
Mechanical drafters	16.88	19.62	22.74	26.44	30.23
Engineering technicians, except drafters	16.00	20.01	25.41	30.06	35.57
Aerospace engineering and operations technicians	22.62	24.95	27.88	33.05	38.04
Civil engineering technicians	12.88	15.00	17.84	23.96	28.77
Electrical and electronic engineering technicians	17.72	21.48	26.34	30.00	35.43
Electro-mechanical technicians	18.65	20.38	26.83	30.06	30.59
Environmental engineering technicians	14.00	18.00	21.13	29.58	29.88
Industrial engineering technicians	18.41	21.50	26.24	31.73	35.53
Mechanical engineering technicians	18.38	21.00	25.65	29.20	35.56
Surveying and mapping technicians	11.59	14.50	19.64	28.09	35.00
Life, physical, and social science occupations	16.98	21.20	27.33	37.79	50.10
Life scientists	18.94	21.76	28.85	41.61	50.11
Agricultural and food scientists	16.10	17.23	32.41	43.27	51.12
Food scientists and technologists	36.30	37.33	43.27	45.13	52.40
Biological scientists	19.80	21.76	31.73	42.32	46.67
Biochemists and biophysicists	19.80	23.01	39.57	44.57	52.75
Microbiologists	22.53	28.84	36.01	42.97	46.02
Zoologists and wildlife biologists	19.18	21.46	24.06	25.48	33.60
Conservation scientists and foresters	18.94	22.60	26.57	29.93	38.58
Conservation scientists	18.94	22.52	25.02	29.40	34.39

See footnotes at end of table.

Table 16

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 –Continued					
Foresters	\$17.31	\$24.04	\$28.90	\$51.21	\$54.67
Medical scientists	19.83	22.39	28.70	42.27	54.70
Physical scientists	20.49	24.52	31.50	41.45	53.51
Astronomers and physicists	24.69	47.50	49.18	79.74	87.92
Physicists	27.20	48.22	49.18	79.74	87.92
Chemists and materials scientists	21.64	25.36	30.34	40.07	57.36
Chemists	21.64	25.25	29.27	37.29	55.00
Materials scientists	28.24	35.44	51.49	56.68	65.68
Environmental scientists and geoscientists	19.29	22.60	30.85	38.06	48.27
Environmental scientists and specialists, including health ..	18.58	21.57	29.33	36.54	48.43
Geoscientists, except hydrologists and geographers	22.31	25.30	35.10	38.94	45.29
Hydrologists	21.64	28.59	31.87	39.55	39.55
Economists	19.26	28.29	36.80	100.96	100.96
Market and survey researchers	19.23	23.61	30.61	46.19	60.10
Market research analysts	18.99	23.61	30.22	45.34	58.68
Psychologists	18.11	25.32	33.45	44.54	57.18
Clinical, counseling, and school psychologists	18.17	26.57	33.66	44.54	58.45
Urban and regional planners	22.98	24.37	31.26	40.49	52.90
Miscellaneous social scientists and related workers	12.81	20.19	25.07	36.03	66.54
Agricultural and food science technicians	10.91	14.96	17.80	22.60	27.69
Biological technicians	13.79	16.45	20.54	25.00	28.71
Chemical technicians	14.53	17.25	22.10	26.18	30.52
Geological and petroleum technicians	17.83	17.83	26.32	36.64	47.89
Nuclear technicians	28.75	31.16	35.23	45.27	46.50
Social science research assistants	7.56	12.75	21.54	25.00	25.82
Miscellaneous life, physical, and social science technicians	14.71	16.50	20.73	25.26	34.28
Environmental science and protection technicians, including health	15.49	18.54	23.08	33.87	34.28
Forensic science technicians	19.56	22.55	26.24	30.98	41.72
Forest and conservation technicians	12.02	15.93	17.65	18.96	34.05
Community and social services occupations	12.38	15.02	18.68	24.55	33.53
Counselors	12.50	15.54	20.04	28.47	41.61
Substance abuse and behavioral disorder counselors	13.46	15.00	17.96	21.87	26.42
Educational, vocational, and school counselors	15.95	19.39	28.85	39.75	51.72
Mental health counselors	14.06	16.78	19.02	22.85	28.86
Rehabilitation counselors	10.75	13.34	17.49	21.18	25.96
Social workers	14.42	16.56	20.04	25.81	32.57
Child, family, and school social workers	14.14	16.20	19.81	25.72	34.18
Medical and public health social workers	15.91	18.27	23.05	29.28	30.69
Mental health and substance abuse social workers	13.94	16.03	18.47	22.96	31.18
Miscellaneous community and social service specialists	10.10	13.07	15.93	20.50	27.92
Health educators	15.39	18.35	23.00	35.80	42.23
Probation officers and correctional treatment specialists	15.17	17.99	23.17	28.74	36.18
Social and human service assistants	9.46	11.00	13.47	16.07	19.84

See footnotes at end of table.

Table 16

Full-time civilian workers: Hourly wage percentiles¹ — Continued

Occupation ²	Wages fall at or below the following percentiles				
	10	25	50	75	90
Community and social services occupations –Continued					
Clergy	\$14.10	\$14.10	\$17.05	\$22.38	\$27.10
Directors, religious activities and education	12.98	16.91	23.25	41.32	54.60
Legal occupations					
Lawyers	16.34	20.90	30.11	49.70	78.21
Judges, magistrates, and other judicial workers	24.42	33.89	49.20	70.33	96.15
Administrative law judges, adjudicators, and hearing officers	24.49	31.50	44.33	62.75	88.66
Judges, magistrate judges, and magistrates	25.00	31.28	34.76	46.14	62.75
Paralegals and legal assistants	24.49	44.33	62.08	75.11	88.66
Miscellaneous legal support workers	15.38	17.50	22.12	28.85	34.62
Court reporters	14.95	17.13	21.48	25.98	33.77
Law clerks	14.55	17.09	22.96	28.93	39.90
Title examiners, abstractors, and searchers	18.33	20.50	23.17	25.87	31.02
Education, training, and library occupations	14.90	17.13	20.87	25.98	29.44
Education, training, and library occupations					
Postsecondary teachers	12.79	22.77	32.37	43.01	56.58
Business teachers, postsecondary	24.42	32.06	42.87	60.00	82.22
Math and computer teachers, postsecondary	26.50	48.15	64.57	72.63	78.10
Computer science teachers, postsecondary	30.23	32.98	41.22	55.74	71.98
Mathematical science teachers, postsecondary	25.24	36.36	59.20	73.98	103.28
Engineering and architecture teachers, postsecondary	30.23	32.87	38.66	49.74	60.23
Engineering teachers, postsecondary	29.58	39.07	58.33	77.98	95.23
Life sciences teachers, postsecondary	29.58	39.07	58.33	78.33	96.87
Biological science teachers, postsecondary	23.94	31.26	44.13	60.13	86.44
Physical sciences teachers, postsecondary	23.54	30.90	44.10	58.81	86.44
Atmospheric, earth, marine, and space sciences teachers, postsecondary	32.12	40.47	49.93	58.81	76.59
Chemistry teachers, postsecondary	25.95	47.73	47.94	77.90	84.88
Environmental science teachers, postsecondary	31.97	41.28	49.93	58.78	70.00
Physics teachers, postsecondary	27.30	32.05	49.05	58.17	66.15
Social sciences teachers, postsecondary	37.30	40.03	53.61	65.71	88.53
Economics teachers, postsecondary	32.88	35.16	44.86	57.62	76.84
Political science teachers, postsecondary	34.34	39.06	57.94	78.65	94.03
Psychology teachers, postsecondary	33.02	33.24	38.79	49.53	53.04
Sociology teachers, postsecondary	30.06	34.72	43.85	50.86	66.81
Health teachers, postsecondary	36.70	40.19	50.91	69.25	95.78
Health specialties teachers, postsecondary	26.48	34.73	46.17	80.46	100.69
Nursing instructors and teachers, postsecondary	25.21	40.99	62.94	90.08	112.76
Education and library science teachers, postsecondary	27.21	30.61	36.77	40.58	46.47
Education teachers, postsecondary	25.25	28.23	35.69	43.57	74.07
Law, criminal justice, and social work teachers, postsecondary	25.25	28.23	35.38	43.47	74.07
Law teachers, postsecondary	37.79	60.51	88.27	110.03	130.29
Social work teachers, postsecondary	61.52	76.93	92.63	110.08	130.29
	32.68	34.68	36.86	41.27	41.27

See footnotes at end of table.

Table 16

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					
Arts, communications, and humanities teachers, postsecondary	\$28.13	\$33.75	\$41.47	\$52.86	\$67.19
Art, drama, and music teachers, postsecondary	26.99	33.41	40.60	46.67	57.85
Communications teachers, postsecondary	22.71	32.67	39.67	46.30	73.75
English language and literature teachers, postsecondary	25.74	34.65	43.19	50.32	67.19
Foreign language and literature teachers, postsecondary	32.64	38.44	52.33	58.61	70.10
History teachers, postsecondary	33.83	37.30	46.45	58.48	70.42
Philosophy and religion teachers, postsecondary	22.77	30.59	37.18	51.32	60.01
Miscellaneous postsecondary teachers	20.88	25.00	35.42	47.86	64.56
Recreation and fitness studies teachers, postsecondary	19.99	28.98	37.39	43.72	46.02
Vocational education teachers, postsecondary	18.00	21.50	24.16	32.14	51.92
Primary, secondary, and special education school teachers	22.18	27.85	34.36	43.01	53.19
Preschool and kindergarten teachers	10.00	12.50	15.50	30.84	39.24
Preschool teachers, except special education	9.75	11.00	13.55	16.54	34.83
Kindergarten teachers, except special education	22.82	26.04	32.33	40.35	50.34
Elementary and middle school teachers	24.35	28.77	35.01	43.43	53.54
Elementary school teachers, except special education	24.35	28.64	34.98	43.53	53.48
Middle school teachers, except special and vocational education	24.46	29.16	35.06	43.21	53.78
Secondary school teachers	25.43	29.62	35.77	44.06	53.85
Secondary school teachers, except special and vocational education	25.49	29.65	35.77	44.16	54.19
Vocational education teachers, secondary school	25.03	28.69	35.86	43.59	49.05
Special education teachers	24.78	29.61	35.44	45.13	55.82
Special education teachers, preschool, kindergarten, and elementary school	24.46	28.83	34.89	44.97	55.11
Special education teachers, middle school	25.34	31.28	36.35	44.60	55.37
Special education teachers, secondary school	25.75	30.71	36.71	45.21	60.25
Other teachers and instructors	17.27	25.12	36.98	54.37	63.90
Adult literacy, remedial education, and GED teachers and instructors	14.71	20.00	26.14	35.33	42.42
Self-enrichment education teachers	19.23	19.23	28.96	35.27	49.29
Archivists, curators, and museum technicians	15.87	18.90	27.60	36.03	36.25
Archivists	15.58	17.45	23.87	36.03	38.52
Curators	21.34	24.31	27.60	33.18	36.25
Librarians	19.42	22.30	27.47	37.51	49.96
Library technicians	11.79	13.66	15.54	19.36	24.69
Farm and home management advisors	16.42	17.14	20.38	25.24	25.24
Instructional coordinators	22.61	24.04	31.70	38.97	49.07
Teacher assistants	9.30	10.44	12.30	14.77	18.37
Arts, design, entertainment, sports, and media occupations					
Artists and related workers	13.46	17.61	23.60	32.06	45.34
Art directors	16.00	17.31	24.10	35.58	49.45
Multi-media artists and animators	16.00	17.70	28.23	49.45	49.93
Multi-media artists and animators	16.83	23.60	28.34	34.62	39.12

See footnotes at end of table.

Table 16

Full-time civilian workers: Hourly wage percentiles¹ — Continued

Occupation ²	Wages fall at or below the following percentiles				
	10	25	50	75	90
Arts, design, entertainment, sports, and media occupations					
–Continued					
Designers	\$12.70	\$17.07	\$22.62	\$31.25	\$41.27
Commercial and industrial designers	21.50	28.85	31.88	41.74	45.34
Fashion designers	20.00	24.04	33.65	48.08	48.08
Floral designers	7.75	10.35	12.00	13.50	16.00
Graphic designers	14.00	17.00	20.56	27.40	36.62
Interior designers	17.72	22.68	28.85	32.78	51.39
Merchandise displayers and window trimmers	10.00	12.95	16.76	20.73	24.04
Set and exhibit designers	13.00	14.08	18.41	32.81	34.81
Actors, producers, and directors	13.13	17.83	24.76	43.27	61.64
Producers and directors	13.13	17.83	25.24	43.27	61.64
Athletes, coaches, umpires, and related workers	12.83	19.24	25.80	34.19	48.21
Coaches and scouts	12.00	18.58	25.00	34.83	50.42
Musicians, singers, and related workers	13.26	20.83	32.06	34.66	34.66
Announcers	8.17	12.50	20.45	37.52	100.78
Radio and television announcers	8.17	12.50	21.13	37.52	100.78
News analysts, reporters and correspondents	12.75	16.29	25.72	38.60	73.70
Reporters and correspondents	12.69	16.40	25.72	36.51	69.63
Public relations specialists	16.83	21.18	25.38	32.45	50.89
Writers and editors	15.67	19.25	25.87	33.19	44.23
Editors	15.14	19.25	24.62	32.93	44.23
Technical writers	17.29	21.46	29.36	33.81	44.58
Writers and authors	15.00	18.54	19.38	27.96	48.72
Miscellaneous media and communication workers	15.38	17.79	21.88	24.57	27.47
Interpreters and translators	11.55	17.61	21.71	25.86	35.31
Broadcast and sound engineering technicians and radio operators	14.50	17.51	21.50	27.90	40.18
Audio and video equipment technicians	15.20	17.18	20.59	26.50	40.18
Broadcast technicians	11.70	15.66	20.37	24.00	37.76
Sound engineering technicians	18.50	18.50	35.00	41.25	52.89
Photographers	11.10	12.00	15.02	17.31	23.60
Television, video, and motion picture camera operators and editors	17.50	18.00	24.04	28.96	32.56
Camera operators, television, video, and motion picture	16.07	18.00	24.02	26.45	32.56
Film and video editors	17.50	24.04	28.96	28.96	29.09
Healthcare practitioner and technical occupations	15.00	19.75	26.55	34.85	49.54
Dentists	52.89	55.29	69.71	73.82	114.64
Dentists, general	52.89	55.29	63.65	73.82	114.64
Dietitians and nutritionists	16.83	21.18	23.25	26.86	30.74
Optometrists	36.76	40.63	45.67	54.76	54.76
Pharmacists	46.78	51.00	54.00	56.00	58.75
Physicians and surgeons	23.21	27.56	74.52	105.77	158.46
Anesthesiologists	12.72	27.25	132.48	185.19	187.50
Family and general practitioners	27.19	36.65	73.48	98.18	141.03

See footnotes at end of table.

Table 16

Full-time civilian workers: Hourly wage percentiles¹ — Continued

Occupation ²	Wages fall at or below the following percentiles				
	10	25	50	75	90
Healthcare practitioner and technical occupations –Continued					
Internists, general	\$24.24	\$52.89	\$88.35	\$107.60	\$147.71
Obstetricians and gynecologists	65.63	88.48	108.32	114.17	134.72
Pediatricians, general	11.80	23.85	62.50	80.53	93.75
Psychiatrists	41.96	74.00	78.31	86.54	86.65
Physician assistants	27.12	36.77	43.44	50.00	60.10
Registered nurses	22.31	25.85	30.42	36.80	44.37
Therapists	20.80	25.00	31.25	37.35	45.00
Audiologists	20.89	28.85	29.43	36.66	39.42
Occupational therapists	26.56	29.57	34.42	38.00	48.30
Physical therapists	25.00	28.34	34.00	39.25	45.67
Radiation therapists	27.50	30.00	39.51	48.13	49.99
Recreational therapists	12.60	15.14	16.51	23.04	24.75
Respiratory therapists	20.00	22.66	24.97	28.62	32.43
Speech-language pathologists	25.14	27.78	33.98	40.95	50.81
Veterinarians	32.72	37.88	41.16	51.59	58.65
Clinical laboratory technologists and technicians	13.25	16.50	20.88	25.80	30.21
Medical and clinical laboratory technologists	16.84	21.67	25.12	29.22	33.02
Medical and clinical laboratory technicians	12.16	14.97	17.59	21.23	25.74
Dental hygienists	16.68	28.00	32.53	36.00	40.75
Diagnostic related technologists and technicians	16.38	21.89	27.28	32.00	37.15
Cardiovascular technologists and technicians	12.91	14.88	23.24	30.96	40.36
Diagnostic medical sonographers	25.84	28.05	32.96	37.75	40.00
Nuclear medicine technologists	29.81	31.73	34.04	36.62	39.46
Radiologic technologists and technicians	16.60	21.00	26.00	30.30	34.00
Emergency medical technicians and paramedics	9.79	11.75	14.89	19.36	25.50
Health diagnosing and treating practitioner support technicians	11.00	13.43	16.08	19.69	23.30
Dietetic technicians	7.50	8.02	11.94	17.00	27.30
Pharmacy technicians	10.71	12.62	14.57	16.56	19.25
Psychiatric technicians	10.06	11.95	15.51	22.57	28.89
Respiratory therapy technicians	17.50	19.73	21.96	26.76	29.75
Surgical technologists	14.34	17.00	19.40	22.35	23.94
Veterinary technologists and technicians	12.00	13.02	15.00	17.00	19.00
Licensed practical and licensed vocational nurses	14.46	16.50	19.00	21.76	25.05
Medical records and health information technicians	10.61	13.00	16.01	19.12	23.12
Opticians, dispensing	11.31	14.00	21.00	26.50	26.73
Miscellaneous health technologists and technicians	12.15	14.38	17.50	21.56	28.26
Occupational health and safety specialists and technicians	15.91	21.91	28.25	30.64	37.95
Occupational health and safety specialists	15.45	19.80	26.39	31.22	40.78
Occupational health and safety technicians	21.97	28.30	30.00	30.00	30.57
Miscellaneous healthcare practitioner and technical workers	14.08	16.83	18.27	21.19	26.17
Athletic trainers	14.08	16.83	18.27	19.23	21.19
Healthcare support occupations	9.00	10.25	12.15	15.13	18.41
Nursing, psychiatric, and home health aides	8.75	9.80	11.13	13.19	15.71
Home health aides	8.01	9.39	10.21	11.61	13.71

See footnotes at end of table.

Table 16

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 –Continued					
Nursing aides, orderlies, and attendants	\$8.89	\$9.96	\$11.42	\$13.43	\$15.72
Psychiatric aides	9.00	9.96	11.89	15.53	19.09
Occupational therapist assistants and aides	14.30	17.66	23.45	29.16	30.70
Occupational therapist assistants	15.78	22.72	25.21	30.70	30.70
Occupational therapist aides	10.13	10.66	15.13	17.66	19.03
Physical therapist assistants and aides	10.00	11.96	17.25	23.62	30.75
Physical therapist assistants	16.20	17.25	22.50	29.69	34.00
Physical therapist aides	9.68	10.00	11.71	13.24	16.23
Massage therapists	8.63	10.79	20.49	21.68	46.22
Miscellaneous healthcare support occupations	10.00	11.87	13.93	17.00	20.00
Dental assistants	11.00	14.00	16.75	19.48	21.80
Medical assistants	10.24	11.00	13.18	16.00	18.46
Medical equipment preparers	11.35	12.24	14.31	17.55	20.52
Medical transcriptionists	10.83	12.72	14.94	17.25	20.20
Pharmacy aides	9.00	9.75	12.76	14.00	17.40
Veterinary assistants and laboratory animal caretakers	10.21	11.00	12.88	13.75	15.87
Protective service occupations					
First-line supervisors/managers, law enforcement workers	9.98	12.60	18.14	26.72	35.03
First-line supervisors/managers of correctional officers	17.85	25.03	33.14	42.24	51.23
First-line supervisors/managers of police and detectives	12.50	15.41	22.91	30.31	42.83
First-line supervisors/managers of fire fighting and prevention workers	22.30	28.86	36.90	44.26	52.22
Fire fighters	17.18	21.95	27.28	33.45	41.00
Fire inspectors	12.52	16.24	21.13	25.89	32.56
Fire inspectors and investigators	15.70	21.65	24.27	26.52	34.93
Bailiffs, correctional officers, and jailers	15.70	21.65	24.27	26.08	33.31
Bailiffs	11.04	14.02	17.11	23.33	29.86
Correctional officers and jailers	16.08	24.36	26.56	30.14	32.12
Detectives and criminal investigators	10.86	14.01	16.94	22.58	29.58
Fish and game wardens	16.54	19.16	27.87	35.94	42.49
Parking enforcement workers	19.16	23.45	25.05	25.05	28.68
Police officers	11.64	12.26	14.95	17.85	25.48
Police and sheriff's patrol officers	16.24	20.41	26.59	32.87	38.62
Animal control workers	16.24	20.41	26.59	32.87	38.62
Private detectives and investigators	9.40	12.11	12.62	14.11	21.59
Security guards and gaming surveillance officers	11.28	14.57	15.67	16.59	16.75
Security guards	8.25	9.50	11.10	13.81	17.00
Miscellaneous protective service workers	8.25	9.50	11.02	13.75	17.00
Lifeguards, ski patrol, and other recreational protective service workers	7.75	10.00	13.48	20.02	25.75
Food preparation and serving related occupations	6.55	7.30	9.95	17.62	25.96
Food preparation and serving related occupations	4.40	7.48	9.16	12.00	15.29
First-line supervisors/managers, food preparation and serving workers	10.00	12.00	14.90	19.23	22.98

See footnotes at end of table.

Table 16

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					
Chefs and head cooks	\$10.50	\$11.77	\$15.00	\$20.69	\$29.51
First-line supervisors/managers of food preparation and serving workers	9.83	12.00	14.90	19.04	22.42
Cooks	8.00	9.00	10.73	12.77	15.30
Cooks, fast food	7.00	7.75	8.50	9.70	12.00
Cooks, institution and cafeteria	8.40	9.75	11.75	14.36	17.84
Cooks, restaurant	8.21	9.64	11.00	12.60	15.00
Cooks, short order	7.50	8.15	9.50	11.79	13.25
Food preparation workers	7.50	8.03	9.50	11.53	14.00
Food service, tipped	2.19	3.53	5.46	8.00	9.50
Bartenders	4.00	5.15	7.96	9.00	10.35
Waiters and waitresses	2.13	2.71	4.26	7.00	8.31
Dining room and cafeteria attendants and bartender helpers ..	4.35	6.68	8.00	9.50	11.58
Fast food and counter workers	7.06	7.64	8.80	10.08	12.60
Combined food preparation and serving workers, including fast food	7.00	7.60	8.77	10.00	12.35
Counter attendants, cafeteria, food concession, and coffee shop	7.15	7.75	8.95	10.99	13.01
Food servers, nonrestaurant	3.77	8.00	8.80	11.82	15.02
Dishwashers	7.25	7.95	8.55	9.80	12.05
Hosts and hostesses, restaurant, lounge, and coffee shop	5.60	7.25	8.66	10.54	13.50
Building and grounds cleaning and maintenance occupations	8.00	9.13	11.50	15.13	19.99
First-line supervisors/managers, building and grounds cleaning and maintenance workers	11.85	13.84	17.38	22.23	26.32
First-line supervisors/managers of housekeeping and janitorial workers	11.00	13.35	16.83	21.54	26.05
First-line supervisors/managers of landscaping, lawn service, and groundskeeping workers	13.33	16.12	18.12	23.44	28.05
Building cleaning workers	7.93	8.93	11.00	14.20	18.29
Janitors and cleaners, except maids and housekeeping cleaners	8.11	9.50	11.67	14.91	19.45
Maids and housekeeping cleaners	7.50	8.16	9.08	11.00	14.11
Pest control workers	12.00	13.27	15.18	17.35	21.37
Grounds maintenance workers	8.25	9.50	12.00	15.00	20.00
Landscaping and groundskeeping workers	8.25	9.45	11.54	14.48	18.58
Pesticide handlers, sprayers, and applicators, vegetation	9.00	10.89	13.40	20.50	21.78
Tree trimmers and pruners	14.20	15.00	19.22	21.69	24.76
Personal care and service occupations	6.55	7.84	10.00	13.75	19.49
First-line supervisors/managers of gaming workers	10.32	11.74	15.04	18.51	21.85
Gaming supervisors	11.37	14.74	16.94	21.12	25.24
Slot key persons	9.77	10.58	11.89	13.04	15.13
First-line supervisors/managers of personal service workers	10.60	13.82	15.91	18.98	22.26
Nonfarm animal caretakers	8.25	8.32	9.76	11.64	16.26

See footnotes at end of table.

Table 16

Full-time civilian workers: Hourly wage percentiles¹ — Continued

Occupation ²	Wages fall at or below the following percentiles				
	10	25	50	75	90
Personal care and service occupations –Continued					
Gaming services workers	\$5.54	\$5.99	\$6.88	\$7.93	\$8.74
Gaming dealers	5.50	5.92	6.76	7.75	8.21
Gaming and sports book writers and runners	8.60	8.60	10.40	12.21	16.20
Ushers, lobby attendants, and ticket takers	7.72	8.19	9.58	17.12	19.20
Miscellaneous entertainment attendants and related workers	7.25	7.78	9.39	11.96	13.19
Amusement and recreation attendants	7.04	7.70	8.75	11.40	13.19
Locker room, coatroom, and dressing room attendants	8.00	8.59	11.10	13.22	18.74
Barbers and cosmetologists	7.30	8.27	12.30	19.25	27.65
Hairdressers, hairstylists, and cosmetologists	7.00	8.27	12.50	20.01	28.18
Miscellaneous personal appearance workers	7.28	8.00	11.87	17.17	20.97
Manicurists and pedicurists	8.05	10.86	11.75	13.68	13.68
Skin care specialists	8.50	15.27	17.17	20.97	22.15
Baggage porters, bellhops, and concierges	6.70	7.96	10.19	14.00	17.13
Baggage porters and bellhops	6.55	7.50	8.00	10.50	14.15
Concierges	10.00	11.17	13.67	17.52	19.49
Tour and travel guides	10.00	13.58	15.64	16.73	19.51
Tour guides and escorts	10.00	13.58	15.64	16.73	16.73
Transportation attendants	6.55	17.50	32.30	42.67	48.15
Flight attendants	18.61	31.13	38.39	44.31	49.64
Transportation attendants, except flight attendants and baggage porters	6.55	6.55	9.10	12.76	16.32
Child care workers	7.25	8.00	9.25	10.95	13.40
Personal and home care aides	7.99	8.50	10.00	11.38	12.66
Recreation and fitness workers	8.80	10.60	15.01	19.23	22.82
Fitness trainers and aerobics instructors	9.70	14.04	17.81	21.84	25.00
Recreation workers	8.74	10.50	13.89	18.70	22.04
Residential advisors	12.35	12.98	15.00	17.72	20.47
Sales and related occupations	8.53	10.50	14.81	22.50	36.14
First-line supervisors/managers, sales workers	11.05	14.00	17.75	23.53	33.20
First-line supervisors/managers of retail sales workers	10.93	13.64	17.17	21.39	28.84
First-line supervisors/managers of non-retail sales workers	13.11	17.43	24.80	35.26	51.98
Retail sales workers	8.00	9.09	11.17	14.54	19.48
Cashiers, all workers	7.59	8.48	9.75	11.92	14.50
Cashiers	7.55	8.42	9.57	11.69	14.20
Gaming change persons and booth cashiers	9.18	11.50	13.20	14.60	15.47
Counter and rental clerks and parts salespersons	8.75	10.33	13.45	18.00	23.03
Counter and rental clerks	7.40	9.00	11.00	13.99	19.73
Parts salespersons	10.00	12.00	15.06	19.07	23.96
Retail salespersons	8.50	9.87	12.09	16.02	22.06
Advertising sales agents	11.54	14.64	19.20	27.39	39.05
Insurance sales agents	13.84	17.29	23.14	32.69	49.45
Securities, commodities, and financial services sales agents	16.35	21.91	39.42	67.62	105.24
Travel agents	7.16	10.88	14.00	19.28	22.84
Sales representatives, wholesale and manufacturing	14.52	19.11	26.44	38.56	55.37

See footnotes at end of table.

Table 16

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					
Sales representatives, wholesale and manufacturing, technical and scientific products	\$17.60	\$23.63	\$35.38	\$52.85	\$60.10
Sales representatives, wholesale and manufacturing, except technical and scientific products	13.75	17.90	24.04	32.89	46.65
Models, demonstrators, and product promoters	11.26	12.02	14.78	18.21	24.04
Demonstrators and product promoters	11.26	12.02	14.78	18.21	24.04
Real estate brokers and sales agents	10.71	12.03	14.65	21.98	31.86
Real estate sales agents	10.71	12.18	14.62	21.43	32.00
Sales engineers	18.85	27.40	33.89	45.81	57.45
Telemarketers	8.66	9.33	12.00	15.93	21.80
Miscellaneous sales and related workers	9.02	12.96	16.90	23.99	34.31
Office and administrative support occupations					
First-line supervisors/managers of office and administrative support workers	10.31	12.34	15.37	19.31	23.86
Switchboard operators, including answering service	15.24	17.92	21.64	27.02	30.93
Telephone operators	8.83	9.83	12.00	14.90	17.83
Financial clerks	9.00	10.00	13.89	19.06	22.55
Bill and account collectors	10.50	12.36	15.25	18.50	22.16
Billing and posting clerks and machine operators	8.81	11.94	14.40	17.95	22.56
Bookkeeping, accounting, and auditing clerks	11.00	13.19	15.39	18.00	21.23
Gaming cage workers	11.50	13.55	16.25	19.53	22.94
Payroll and timekeeping clerks	9.32	10.00	10.52	12.68	15.72
Procurement clerks	13.98	16.07	18.00	20.80	24.61
Tellers	11.15	13.52	16.31	19.50	22.38
Brokerage clerks	9.99	10.51	11.90	13.82	15.87
Correspondence clerks	13.11	15.94	18.31	21.15	25.68
Court, municipal, and license clerks	13.10	14.98	16.91	18.73	21.74
Credit authorizers, checkers, and clerks	11.94	13.11	16.72	20.22	24.52
Customer service representatives	11.49	13.37	16.94	19.38	23.28
Eligibility interviewers, government programs	10.64	12.43	15.00	18.73	23.57
File clerks	12.55	14.81	17.22	20.07	22.96
Hotel, motel, and resort desk clerks	9.28	11.03	12.97	16.63	18.20
Interviewers, except eligibility and loan	8.00	9.00	10.00	11.62	13.57
Library assistants, clerical	10.15	11.67	13.50	16.00	19.27
Loan interviewers and clerks	10.66	11.94	13.76	16.61	20.21
New accounts clerks	11.34	13.25	16.00	18.75	22.80
Order clerks	10.75	12.50	14.42	16.76	20.59
Human resources assistants, except payroll and timekeeping	10.00	12.00	14.55	18.00	21.81
Receptionists and information clerks	12.50	15.00	18.17	21.40	24.69
Reservation and transportation ticket agents and travel clerks	9.63	11.00	12.76	15.01	17.96
Cargo and freight agents	9.91	11.58	16.47	21.19	21.84
Couriers and messengers	13.37	15.19	19.33	22.94	36.56
Dispatchers	8.00	8.50	10.74	13.00	15.00
Police, fire, and ambulance dispatchers	11.18	13.55	17.00	21.06	27.50
	11.17	13.00	16.40	20.74	26.70

See footnotes at end of table.

Table 16

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					
Dispatchers, except police, fire, and ambulance	\$11.18	\$13.91	\$17.46	\$21.15	\$27.70
Meter readers, utilities	10.00	13.49	18.83	22.52	24.45
Production, planning, and expediting clerks	13.42	15.09	18.71	23.39	27.00
Shipping, receiving, and traffic clerks	9.00	10.45	12.85	15.70	19.36
Stock clerks and order fillers	8.50	10.05	12.40	15.12	17.95
Weighers, measurers, checkers, and samplers, recordkeeping	10.15	12.00	13.74	16.85	20.59
Secretaries and administrative assistants	12.11	14.62	18.17	22.65	27.98
Executive secretaries and administrative assistants	14.52	17.31	21.03	25.31	30.06
Legal secretaries	13.00	15.94	20.67	28.85	34.00
Medical secretaries	10.54	12.48	15.00	18.25	21.24
Secretaries, except legal, medical, and executive	11.26	13.50	16.00	19.71	23.00
Computer operators	12.05	12.05	14.76	19.25	22.78
Data entry and information processing workers	10.38	12.01	14.00	16.89	19.80
Data entry keyers	10.00	11.63	13.00	15.50	18.25
Word processors and typists	11.91	13.51	16.83	18.83	24.06
Desktop publishers	11.98	14.58	18.83	23.57	28.29
Insurance claims and policy processing clerks	11.54	13.23	16.17	19.69	23.08
Mail clerks and mail machine operators, except postal service ..	8.50	10.30	11.64	14.50	16.54
Office clerks, general	10.22	12.00	14.78	17.84	21.23
Office machine operators, except computer	9.11	11.09	13.01	15.51	17.61
Proofreaders and copy markers	10.25	12.53	13.28	19.20	21.80
Statistical assistants	15.95	16.60	19.10	21.72	24.79
Farming, fishing, and forestry occupations	8.00	10.05	13.40	18.28	23.43
First-line supervisors/managers of farming, fishing, and forestry workers	12.85	17.90	20.60	25.00	29.93
Graders and sorters, agricultural products	6.92	7.25	9.70	10.30	15.30
Miscellaneous agricultural workers	8.25	9.75	11.98	15.00	16.85
Farmworkers and laborers, crop, nursery, and greenhouse	8.50	9.10	11.25	15.00	16.75
Logging workers	11.19	13.34	17.41	24.85	24.85
Construction and extraction occupations	11.00	14.00	18.89	26.04	34.60
First-line supervisors/managers of construction trades and extraction workers	18.00	21.88	27.50	35.00	43.40
Boilermakers	15.69	16.07	21.19	29.00	29.44
Brickmasons, blockmasons, and stonemasons	16.00	20.00	25.49	28.73	34.48
Brickmasons and blockmasons	16.86	21.00	26.56	28.73	34.48
Carpenters	13.79	16.00	20.10	26.98	36.93
Carpet, floor, and tile installers and finishers	14.24	16.50	18.00	20.00	25.00
Carpet installers	18.14	20.00	20.00	24.40	27.20
Tile and marble setters	15.00	16.50	17.00	20.00	24.49
Cement masons, concrete finishers, and terrazzo workers	13.52	15.00	19.50	24.00	29.50
Cement masons and concrete finishers	13.52	15.00	19.50	24.00	29.50
Construction laborers	9.00	10.00	14.00	19.87	27.24
Construction equipment operators	11.60	14.00	17.00	23.10	30.70

See footnotes at end of table.

Table 16

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					
Paving, surfacing, and tamping equipment operators	\$10.74	\$12.50	\$16.00	\$20.43	\$23.40
Operating engineers and other construction equipment operators	11.99	14.27	17.50	24.13	31.09
Drywall installers, ceiling tile installers, and tapers	13.61	15.00	18.75	26.03	34.85
Drywall and ceiling tile installers	13.29	15.00	18.20	26.00	34.85
Tapers	13.95	15.00	19.00	31.58	33.33
Electricians	13.23	16.58	22.00	31.43	37.56
Glaziers	8.27	14.00	20.00	31.25	33.73
Insulation workers	10.00	13.50	16.05	20.11	26.50
Insulation workers, floor, ceiling, and wall	9.50	11.00	14.00	19.00	26.50
Insulation workers, mechanical	14.00	15.12	16.05	21.05	24.28
Painters and paperhangers	12.00	13.54	16.00	21.20	28.13
Painters, construction and maintenance	12.00	13.70	16.00	21.00	29.58
Pipelayers, plumbers, pipefitters, and steamfitters	13.51	17.00	23.18	30.68	37.44
Pipelayers	10.87	12.12	14.00	21.90	27.92
Plumbers, pipefitters, and steamfitters	14.08	18.00	23.50	31.30	39.12
Plasterers and stucco masons	12.48	14.51	17.11	30.74	32.52
Reinforcing iron and rebar workers	12.50	18.00	31.83	32.75	35.25
Roofers	10.50	12.00	16.00	20.00	27.00
Sheet metal workers	12.50	15.82	19.50	28.50	38.20
Structural iron and steel workers	15.00	17.50	23.40	31.83	56.78
Helpers, construction trades	9.50	10.86	13.00	15.00	21.00
Helpers--brickmasons, blockmasons, stonemasons, and tile and marble setters	9.00	10.00	16.00	25.18	26.33
Helpers--carpenters	10.00	11.50	13.61	15.00	18.75
Helpers--electricians	10.00	10.90	12.48	13.42	15.50
Helpers--painters, paperhangers, plasterers, and stucco masons	8.50	9.54	10.90	11.72	13.16
Helpers--pipelayers, plumbers, pipefitters, and steamfitters ...	10.00	11.00	12.00	13.19	15.27
Helpers--roofers	10.00	11.00	13.00	14.00	14.00
Construction and building inspectors	16.90	19.96	24.32	30.42	35.11
Hazardous materials removal workers	11.00	13.73	17.50	21.00	39.95
Highway maintenance workers	12.32	13.58	17.00	21.07	24.62
Septic tank servicers and sewer pipe cleaners	12.86	16.75	25.78	25.78	26.02
Miscellaneous construction and related workers	10.54	12.00	15.50	20.00	27.00
Derrick, rotary drill, and service unit operators, oil, gas, and mining	12.47	12.47	20.70	32.65	34.75
Mining machine operators	16.00	19.76	23.25	24.50	29.74
Continuous mining machine operators	23.25	23.25	24.50	29.00	32.17
Roustabouts, oil and gas	11.11	11.11	16.44	17.50	30.84
Helpers--extraction workers	12.00	15.75	15.75	22.35	22.61
Installation, maintenance, and repair occupations	12.00	15.20	20.00	26.58	31.81
First-line supervisors/managers of mechanics, installers, and repairers	17.75	20.81	26.39	33.89	41.21

See footnotes at end of table.

Table 16

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					
Computer, automated teller, and office machine repairers	\$13.46	\$15.06	\$19.00	\$21.80	\$26.75
Radio and telecommunications equipment installers and repairers	19.00	25.34	30.03	31.61	34.86
Telecommunications equipment installers and repairers, except line installers	19.00	25.34	30.03	31.61	34.86
Miscellaneous electrical and electronic equipment mechanics, installers, and repairers	13.05	14.50	20.04	27.34	33.49
Avionics technicians	15.65	18.08	24.22	29.70	36.75
Electric motor, power tool, and related repairers	10.00	12.50	14.50	18.07	22.91
Electrical and electronics installers and repairers, transportation equipment	13.05	13.05	25.09	30.12	31.26
Electrical and electronics repairers, commercial and industrial equipment	14.60	18.04	23.51	29.29	31.78
Electrical and electronics repairers, powerhouse, substation, and relay	21.83	29.64	35.09	38.21	39.05
Electronic equipment installers and repairers, motor vehicles	12.50	15.46	17.00	17.00	24.31
Electronic home entertainment equipment installers and repairers	10.50	13.83	13.89	14.27	17.48
Security and fire alarm systems installers	13.30	17.02	20.00	23.89	26.44
Aircraft mechanics and service technicians	18.50	22.76	27.44	31.81	41.16
Automotive technicians and repairers	10.10	13.41	18.00	22.78	29.08
Automotive body and related repairers	12.32	13.50	17.20	24.11	30.00
Automotive glass installers and repairers	12.00	14.50	18.00	20.34	28.88
Automotive service technicians and mechanics	10.00	13.13	18.00	22.69	28.99
Bus and truck mechanics and diesel engine specialists	13.97	16.25	20.00	24.24	28.70
Heavy vehicle and mobile equipment service technicians and mechanics	14.34	17.35	20.55	24.40	27.31
Farm equipment mechanics	11.71	13.00	17.80	22.18	25.00
Mobile heavy equipment mechanics, except engines	15.65	18.15	21.71	24.50	28.17
Rail car repairers	16.30	18.50	20.17	23.36	27.74
Small engine mechanics	10.88	12.75	15.06	19.23	23.00
Motorboat mechanics	10.88	11.97	13.00	18.00	23.00
Motorcycle mechanics	10.00	12.00	14.78	19.65	27.50
Outdoor power equipment and other small engine mechanics	12.00	13.50	16.15	19.23	20.19
Miscellaneous vehicle and mobile equipment mechanic, installers, and repairers	8.00	9.50	10.58	13.00	16.50
Recreational vehicle service technicians	10.58	11.06	18.00	20.19	21.00
Tire repairers and changers	8.00	9.02	10.50	12.75	15.20
Control and valve installers and repairers	12.36	15.97	21.63	25.91	30.38
Control and valve installers and repairers, except mechanical door	14.75	18.85	23.19	26.09	31.50
Heating, air conditioning, and refrigeration mechanics and installers	13.00	16.05	21.03	28.00	36.43
Industrial machinery installation, repair, and maintenance workers	12.50	15.37	19.15	23.52	29.51

See footnotes at end of table.

Table 16

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					
Industrial machinery mechanics	\$17.16	\$19.60	\$22.55	\$27.47	\$32.58
Maintenance and repair workers, general	11.00	13.89	17.30	21.20	27.05
Maintenance workers, machinery	13.00	14.87	17.06	20.60	25.71
Millwrights	17.59	20.50	24.54	28.64	40.22
Line installers and repairers	16.00	23.02	28.13	30.93	33.88
Electrical power-line installers and repairers	19.00	25.82	30.21	33.77	38.42
Telecommunications line installers and repairers	15.00	21.00	27.00	30.03	31.46
Precision instrument and equipment repairers	13.81	16.72	21.86	28.88	39.12
Medical equipment repairers	13.81	15.54	21.43	26.01	28.88
Miscellaneous installation, maintenance, and repair workers	9.97	11.93	15.10	20.32	26.85
Coin, vending, and amusement machine servicers and repairers	11.00	11.00	14.84	17.96	19.85
Locksmiths and safe repairers	13.50	13.50	20.55	26.85	26.85
Manufactured building and mobile home installers	9.00	10.75	12.65	12.65	15.00
Riggers	11.69	17.00	19.13	22.72	24.00
Signal and track switch repairers	19.82	25.01	25.99	27.16	28.26
Helpers--installation, maintenance, and repair workers	8.17	10.00	12.03	14.87	18.00
Production occupations	9.00	11.32	14.87	19.66	26.45
First-line supervisors/managers of production and operating workers	15.35	19.29	24.04	30.89	36.06
Aircraft structure, surfaces, rigging, and systems assemblers	15.00	18.24	23.44	29.91	32.47
Electrical, electronics, and electromechanical assemblers	9.00	10.64	12.75	16.05	19.57
Coil winders, tapers, and finishers	9.37	10.47	12.00	14.25	18.33
Electrical and electronic equipment assemblers	8.75	10.38	12.50	15.49	20.61
Electromechanical equipment assemblers	9.91	11.15	14.08	17.85	19.54
Engine and other machine assemblers	12.16	14.67	17.72	21.71	28.49
Structural metal fabricators and fitters	8.75	13.28	15.41	19.00	27.00
Miscellaneous assemblers and fabricators	8.70	11.00	14.00	18.55	28.13
Fiberglass laminators and fabricators	10.75	11.96	13.00	15.66	16.00
Team assemblers	9.87	12.00	14.05	20.19	28.59
Bakers	8.45	10.00	12.70	15.00	19.45
Butchers and other meat, poultry, and fish processing workers ..	8.75	10.20	12.50	14.10	18.81
Butchers and meat cutters	10.75	12.99	15.70	19.23	21.93
Meat, poultry, and fish cutters and trimmers	7.45	8.80	10.20	11.80	13.05
Slaughterers and meat packers	10.00	11.05	12.57	13.48	15.54
Miscellaneous food processing workers	8.50	9.60	12.99	16.77	19.52
Food and tobacco roasting, baking, and drying machine operators and tenders	8.50	8.91	13.05	16.77	19.45
Food batchmakers	8.93	11.00	13.50	17.82	20.83
Food cooking machine operators and tenders	8.00	9.35	10.00	13.00	17.99
Computer control programmers and operators	12.50	14.36	18.30	21.75	26.29
Computer-controlled machine tool operators, metal and plastic	12.00	14.00	17.55	21.00	25.52
Numerical tool and process control programmers	18.60	19.90	22.50	25.33	32.35

See footnotes at end of table.

Table 16

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					
Forming machine setters, operators, and tenders, metal and plastic	\$11.00	\$12.99	\$16.49	\$19.66	\$22.23
Extruding and drawing machine setters, operators, and tenders, metal and plastic	11.33	13.60	16.32	18.93	20.25
Forging machine setters, operators, and tenders, metal and plastic	12.05	12.50	18.15	20.24	23.25
Rolling machine setters, operators, and tenders, metal and plastic	8.70	11.45	15.18	19.77	22.23
Machine tool cutting setters, operators, and tenders, metal and plastic	9.90	12.49	14.50	18.52	21.26
Cutting, punching, and press machine setters, operators, and tenders, metal and plastic	9.69	12.25	13.95	17.14	20.30
Drilling and boring machine tool setters, operators, and tenders, metal and plastic	12.00	13.87	16.00	19.81	27.66
Grinding, lapping, polishing, and buffing machine tool setters, operators, and tenders, metal and plastic	9.54	12.00	14.21	17.40	19.81
Lathe and turning machine tool setters, operators, and tenders, metal and plastic	10.00	13.00	17.95	20.70	23.19
Milling and planing machine setters, operators, and tenders, metal and plastic	11.20	13.25	19.01	21.79	22.22
Machinists	14.71	17.50	20.69	25.50	30.97
Metal furnace and kiln operators and tenders	9.29	12.50	17.80	20.38	23.54
Metal-refining furnace operators and tenders	9.29	11.25	18.31	21.75	24.08
Pourers and casters, metal	9.12	14.05	17.80	19.38	20.38
Model makers and patternmakers, metal and plastic	11.00	15.68	22.25	32.78	34.52
Model makers, metal and plastic	14.25	16.25	23.77	32.69	36.05
Patternmakers, metal and plastic	9.00	12.01	15.50	32.78	34.52
Molders and molding machine setters, operators, and tenders, metal and plastic	8.50	10.00	12.90	16.12	19.44
Foundry mold and coremakers	9.98	10.50	15.27	17.85	19.44
Molding, coremaking, and casting machine setters, operators, and tenders, metal and plastic	8.25	10.00	12.85	16.00	19.50
Multiple machine tool setters, operators, and tenders, metal and plastic	10.00	11.73	14.50	18.90	24.97
Tool and die makers	18.00	20.23	24.42	27.50	32.83
Welding, soldering, and brazing workers	11.40	14.00	17.00	20.00	24.66
Welders, cutters, solderers, and brazers	11.49	14.00	17.05	20.19	24.50
Welding, soldering, and brazing machine setters, operators, and tenders	11.18	13.60	16.58	19.14	26.23
Miscellaneous metalworkers and plastic workers	9.00	12.00	15.00	17.92	23.10
Heat treating equipment setters, operators, and tenders, metal and plastic	9.50	11.65	16.53	18.97	20.77
Lay-out workers, metal and plastic	14.00	15.00	16.00	19.00	26.40
Plating and coating machine setters, operators, and tenders, metal and plastic	9.50	12.05	13.86	19.07	27.36

See footnotes at end of table.

Table 16

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					
Tool grinders, filers, and sharpeners	\$8.34	\$8.34	\$14.80	\$18.12	\$23.19
Bookbinders and bindery workers	8.00	9.90	13.49	18.29	22.68
Bindery workers	8.00	9.90	13.49	18.29	22.68
Printers	9.90	13.01	17.00	22.00	26.36
Job printers	11.75	14.78	19.00	20.00	23.10
Prepress technicians and workers	10.85	15.00	20.38	24.09	27.74
Printing machine operators	9.50	12.78	16.00	21.00	26.00
Laundry and dry-cleaning workers	7.40	8.50	9.51	11.25	13.78
Pressers, textile, garment, and related materials	7.50	8.12	9.08	10.25	12.11
Sewing machine operators	8.00	8.25	10.50	14.07	16.61
Tailors, dressmakers, and sewers	9.00	10.75	12.14	18.03	24.31
Tailors, dressmakers, and custom sewers	9.00	10.01	12.14	16.15	24.31
Textile machine setters, operators, and tenders	8.50	9.87	11.74	13.71	15.81
Textile bleaching and dyeing machine operators and tenders	8.00	8.05	9.00	10.00	12.50
Textile cutting machine setters, operators, and tenders	9.00	9.30	9.94	12.81	13.55
Textile knitting and weaving machine setters, operators, and tenders	10.00	11.75	14.50	15.45	19.40
Textile winding, twisting, and drawing out machine setters, operators, and tenders	10.35	10.66	12.21	13.38	16.85
Miscellaneous textile, apparel, and furnishings workers	9.00	10.70	13.00	17.81	21.25
Extruding and forming machine setters, operators, and tenders, synthetic and glass fibers	9.47	11.20	17.42	19.55	19.85
Fabric and apparel patternmakers	13.13	13.13	17.57	20.37	22.00
Upholsterers	9.00	11.00	15.76	20.05	23.84
Cabinetmakers and bench carpenters	10.76	13.00	15.00	18.00	23.00
Furniture finishers	9.00	10.50	12.45	15.50	17.71
Model makers and patternmakers, wood	7.98	17.92	25.00	25.00	25.00
Woodworking machine setters, operators, and tenders	8.50	10.53	12.50	15.05	17.00
Sawing machine setters, operators, and tenders, wood	8.00	10.00	12.12	14.50	17.00
Woodworking machine setters, operators, and tenders, except sawing	9.00	11.50	13.82	15.48	17.24
Power plant operators, distributors, and dispatchers	20.59	27.95	32.16	35.08	40.37
Nuclear power reactor operators	28.77	35.08	35.08	38.75	42.03
Power distributors and dispatchers	22.52	32.56	37.55	44.36	45.19
Power plant operators	19.85	25.58	28.43	33.67	35.89
Stationary engineers and boiler operators	17.34	22.91	28.05	33.92	37.81
Water and liquid waste treatment plant and system operators	13.12	16.09	18.87	22.73	27.79
Miscellaneous plant and system operators	17.00	22.22	27.98	32.00	34.57
Chemical plant and system operators	17.16	20.43	24.52	29.57	31.30
Gas plant operators	26.06	28.43	34.57	34.57	37.08
Petroleum pump system operators, refinery operators, and gaugers	15.00	27.61	30.24	32.56	33.96
Chemical processing machine setters, operators, and tenders	12.86	17.00	21.49	29.40	33.00
Chemical equipment operators and tenders	12.00	15.00	21.49	25.97	28.98

See footnotes at end of table.

Table 16

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					
Separating, filtering, clarifying, precipitating, and still machine setters, operators, and tenders	\$13.78	\$17.50	\$22.01	\$30.51	\$35.37
Crushing, grinding, polishing, mixing, and blending workers	9.00	11.32	14.50	18.53	22.27
Crushing, grinding, and polishing machine setters, operators, and tenders	10.78	11.32	16.49	18.85	20.90
Grinding and polishing workers, hand	9.00	11.10	13.10	16.05	18.53
Mixing and blending machine setters, operators, and tenders	10.00	11.50	15.00	19.69	22.79
Cutting workers	9.25	11.00	14.00	16.95	19.50
Cutters and trimmers, hand	8.50	10.46	12.29	15.00	18.30
Cutting and slicing machine setters, operators, and tenders	9.50	11.45	14.00	17.15	19.80
Extruding, forming, pressing, and compacting machine setters, operators, and tenders	8.95	10.00	13.25	17.09	19.50
Furnace, kiln, oven, drier, and kettle operators and tenders	8.00	11.91	14.52	17.50	26.37
Inspectors, testers, sorters, samplers, and weighers	9.70	12.35	15.80	19.94	25.75
Jewelers and precious stone and metal workers	11.00	13.13	18.00	22.50	31.00
Medical, dental, and ophthalmic laboratory technicians	10.00	13.00	15.61	19.25	24.25
Dental laboratory technicians	9.04	13.25	16.00	20.20	24.25
Ophthalmic laboratory technicians	10.06	11.45	14.04	15.00	18.25
Packaging and filling machine operators and tenders	8.80	10.72	14.29	18.16	21.84
Painting workers	9.86	11.90	14.99	17.78	21.93
Coating, painting, and spraying machine setters, operators, and tenders	9.86	11.51	14.00	16.50	19.00
Painters, transportation equipment	13.22	15.56	18.64	23.04	29.39
Painting, coating, and decorating workers	8.00	9.36	11.75	16.10	17.92
Photographic process workers and processing machine operators	9.64	11.20	13.05	17.63	20.00
Photographic process workers	11.40	12.00	12.00	18.00	25.17
Photographic processing machine operators	9.50	10.55	13.75	15.42	20.00
Semiconductor processors	12.81	15.02	18.16	20.24	23.65
Miscellaneous production workers	8.26	9.93	12.27	16.98	21.66
Cementing and gluing machine operators and tenders	9.45	10.80	14.70	17.77	23.33
Cleaning, washing, and metal pickling equipment operators and tenders	11.30	12.23	13.41	22.95	29.28
Cooling and freezing equipment operators and tenders	8.95	8.95	12.45	19.56	24.67
Etchers and engravers	12.74	14.00	14.00	17.00	23.50
Molders, shapers, and casters, except metal and plastic	8.59	12.65	14.00	19.00	25.00
Paper goods machine setters, operators, and tenders	9.50	13.47	17.71	21.35	26.30
Tire builders	10.50	12.00	17.32	20.00	22.66
Helpers--production workers	8.00	9.50	11.32	13.50	17.16
Transportation and material moving occupations	8.75	10.82	14.40	19.03	24.57
First-line supervisors/managers of helpers, laborers, and material movers, hand	14.00	16.57	20.63	24.04	28.50
First-line supervisors/managers of transportation and material-moving machine and vehicle operators	15.73	19.30	24.04	30.38	36.73

See footnotes at end of table.

Table 16

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					
Aircraft pilots and flight engineers	\$25.50	\$27.61	\$86.99	\$144.95	\$166.22
Airline pilots, copilots, and flight engineers	25.09	78.61	118.32	155.90	167.96
Commercial pilots	25.50	26.00	27.34	36.20	54.03
Ambulance drivers and attendants, except emergency medical technicians	10.00	10.75	12.00	13.43	16.30
Bus drivers	10.83	13.13	15.77	20.64	25.74
Bus drivers, transit and intercity	11.00	14.00	17.12	23.35	26.92
Bus drivers, school	10.83	12.46	15.09	18.56	21.62
Driver/sales workers and truck drivers	10.40	13.06	16.63	20.92	26.40
Driver/sales workers	8.00	10.25	14.62	18.27	24.06
Truck drivers, heavy and tractor-trailer	12.25	14.50	17.66	21.15	25.00
Truck drivers, light or delivery services	9.48	11.00	14.15	20.55	28.89
Taxi drivers and chauffeurs	7.25	8.50	9.45	13.40	16.25
Locomotive engineers and operators	15.54	15.54	23.78	39.56	49.72
Locomotive engineers	15.54	15.54	22.50	39.56	49.72
Railroad conductors and yardmasters	14.43	14.43	23.57	34.87	38.11
Subway and streetcar operators	20.10	24.24	26.29	28.65	29.31
Sailors and marine oilers	9.00	10.00	11.39	12.08	19.17
Ship and boat captains and operators	15.00	15.42	25.18	33.33	38.63
Captains, mates, and pilots of water vessels	15.00	15.42	25.18	33.33	38.63
Parking lot attendants	6.57	7.50	9.00	10.04	11.65
Service station attendants	7.50	8.40	10.00	13.89	18.89
Transportation inspectors	23.96	25.04	29.91	33.52	35.13
Conveyor operators and tenders	9.25	11.95	16.11	18.29	18.51
Crane and tower operators	13.35	16.40	20.50	25.25	31.31
Dredge, excavating, and loading machine operators	13.25	14.86	18.09	22.00	26.05
Excavating and loading machine and dragline operators	13.12	14.00	17.65	19.64	26.30
Hoist and winch operators	9.04	15.83	21.03	21.20	21.36
Industrial truck and tractor operators	9.75	11.50	14.07	17.19	21.86
Laborers and material movers, hand	8.00	9.00	11.00	13.91	17.42
Cleaners of vehicles and equipment	8.00	9.00	10.88	13.50	16.75
Laborers and freight, stock, and material movers, hand	8.00	9.30	11.50	14.53	18.35
Machine feeders and offbearers	8.00	8.84	10.55	13.77	16.60
Packers and packagers, hand	7.75	8.26	10.15	12.70	15.30
Pumping station operators	21.68	22.05	23.61	28.06	29.56
Pump operators, except wellhead pumpers	22.10	23.46	23.61	27.26	28.36
Refuse and recyclable material collectors	9.89	11.67	15.43	20.39	28.92
Tank car, truck, and ship loaders	14.00	15.00	19.99	20.83	25.16

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. Overall occupational groups may include data for categories not shown separately.

SOURCE: Bureau of Labor Statistics, National Compensation Survey.