

Table 15

Civilian workers: Hourly wage percentiles¹

Occupation ²	Wages fall at or below the following percentiles				
	10	25	50	75	90
All workers	\$8.24	\$11.00	\$16.25	\$25.48	\$37.86
Management occupations	20.95	27.93	38.74	53.41	68.68
Chief executives	32.81	48.08	69.47	105.96	153.85
General and operations managers	22.65	29.21	40.00	59.61	85.00
Legislators	11.56	17.33	25.72	32.50	42.31
Advertising and promotions managers	19.23	24.04	33.20	46.96	61.54
Marketing and sales managers	24.86	32.96	43.43	58.10	74.17
Marketing managers	28.85	36.06	46.81	61.31	74.04
Sales managers	23.50	30.38	41.25	57.07	74.35
Public relations managers	18.13	22.43	34.19	50.23	76.73
Administrative services managers	20.79	25.50	31.49	39.78	50.71
Computer and information systems managers	31.59	40.87	51.92	63.57	73.59
Financial managers	22.26	28.70	39.38	54.43	72.33
Human resources managers	22.37	28.17	38.81	47.96	61.89
Compensation and benefits managers	22.85	25.97	33.86	42.87	57.69
Training and development managers	24.94	32.23	34.62	44.86	61.89
Industrial production managers	27.34	33.38	41.57	48.34	59.41
Purchasing managers	23.08	28.85	39.09	50.80	62.48
Transportation, storage, and distribution managers	20.63	25.58	35.70	48.37	61.50
Agricultural managers	16.25	16.25	23.39	43.75	56.73
Farm, ranch, and other agricultural managers	16.25	16.25	23.39	43.75	56.73
Construction managers	22.12	27.93	36.06	44.47	53.38
Education administrators	20.00	27.50	37.40	49.42	58.65
Education administrators, preschool and child care center/program	14.19	16.80	22.78	30.52	30.52
Education administrators, elementary and secondary school ..	31.28	37.06	45.14	52.90	60.08
Education administrators, postsecondary	21.92	25.64	34.62	49.42	62.14
Engineering managers	36.00	44.07	56.02	63.49	71.39
Food service managers	14.43	17.63	23.22	29.37	40.59
Funeral directors	17.31	19.12	20.37	34.31	35.42
Lodging managers	12.19	17.09	18.88	32.69	39.76
Medical and health services managers	20.97	27.76	35.81	47.77	59.58
Natural sciences managers	26.42	37.50	41.48	54.97	70.09
Property, real estate, and community association managers	15.80	19.21	23.54	32.24	38.46
Social and community service managers	16.93	19.81	24.79	32.54	41.27
Business and financial operations occupations	17.79	21.64	27.50	35.08	45.67
Buyers and purchasing agents	18.89	21.59	25.91	32.24	41.39
Purchasing agents and buyers, farm products	20.74	23.81	30.79	41.39	42.82
Wholesale and retail buyers, except farm products	17.79	20.19	24.77	31.91	43.54
Purchasing agents, except wholesale, retail, and farm products	19.13	22.04	26.16	32.03	39.87
Claims adjusters, appraisers, examiners, and investigators	17.32	19.85	25.29	30.88	38.24
Claims adjusters, examiners, and investigators	17.32	19.85	25.15	30.88	38.46
Insurance appraisers, auto damage	18.00	20.00	27.77	30.96	34.54

See footnotes at end of table.

Table 15

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	\$17.10	\$20.22	\$22.57	\$30.88	\$36.85
Cost estimators	18.85	21.88	29.37	38.46	45.70
Emergency management specialists	16.86	20.19	33.30	48.89	48.89
Human resources, training, and labor relations specialists	16.89	20.91	26.44	33.06	41.81
Employment, recruitment, and placement specialists	15.01	18.31	22.59	31.35	39.23
Compensation, benefits, and job analysis specialists	18.43	20.30	24.75	32.98	38.31
Training and development specialists	17.26	22.24	28.37	32.90	41.73
Logisticians	19.30	20.89	30.90	38.57	47.12
Management analysts	20.76	24.78	32.43	44.71	54.37
Meeting and convention planners	16.90	18.05	23.27	28.00	29.57
Accountants and auditors	18.13	21.64	27.19	33.67	43.63
Appraisers and assessors of real estate	14.93	17.36	22.50	29.76	38.46
Budget analysts	21.12	25.01	27.83	33.82	40.50
Credit analysts	18.67	20.90	24.85	30.58	38.94
Financial analysts and advisors	19.19	23.68	30.05	40.87	56.98
Financial analysts	22.05	25.48	32.45	43.27	59.31
Personal financial advisors	16.00	18.75	22.85	36.87	56.98
Insurance underwriters	19.10	22.28	28.51	38.52	48.37
Financial examiners	18.90	20.57	25.74	31.78	40.13
Loan counselors and officers	15.42	18.34	24.66	37.14	60.16
Loan counselors	15.57	19.74	22.10	30.63	42.42
Loan officers	15.42	18.27	25.48	38.46	60.16
Tax examiners, collectors, preparers, and revenue agents	11.06	13.82	19.25	25.73	32.22
Tax examiners, collectors, and revenue agents	13.09	15.70	20.65	26.97	33.84
Tax preparers	9.00	9.00	11.06	17.64	29.50
Computer and mathematical science occupations	20.00	25.64	34.76	44.01	53.00
Computer and information scientists, research	26.83	36.39	48.08	58.65	72.10
Computer programmers	21.31	25.51	34.26	40.86	50.48
Computer software engineers	28.59	34.49	41.94	49.99	58.77
Computer software engineers, applications	27.04	33.51	40.46	49.01	58.07
Computer software engineers, systems software	31.29	35.83	43.01	50.21	59.02
Computer support specialists	14.73	18.68	23.23	30.20	40.41
Computer systems analysts	24.52	30.29	37.40	44.81	53.44
Database administrators	22.16	25.41	34.44	43.03	49.96
Network and computer systems administrators	20.19	23.96	30.27	37.86	45.40
Network systems and data communications analysts	22.25	25.72	33.05	40.08	47.21
Actuaries	25.64	33.01	40.53	50.96	58.75
Operations research analysts	20.19	25.90	31.92	43.74	48.78
Statisticians	18.44	23.11	30.53	49.08	55.64
Architecture and engineering occupations	18.72	24.87	32.60	42.40	52.68
Architects, except naval	20.19	23.95	29.92	39.55	50.00
Architects, except landscape and naval	20.19	24.04	31.15	40.10	51.15

See footnotes at end of table.

Table 15

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					
Landscape architects	\$20.00	\$20.30	\$26.92	\$29.92	\$34.17
Surveyors, cartographers, and photogrammetrists	17.10	20.44	26.05	37.35	52.68
Surveyors	19.67	24.00	27.97	39.27	52.68
Engineers	25.77	31.25	38.69	47.05	57.62
Aerospace engineers	34.44	41.48	50.48	59.58	70.00
Chemical engineers	31.25	32.32	41.00	52.97	60.52
Civil engineers	23.61	26.93	33.89	41.79	49.56
Computer hardware engineers	28.80	35.89	45.86	54.04	64.92
Electrical and electronics engineers	26.80	32.60	38.51	46.11	56.01
Electrical engineers	24.72	31.73	38.20	45.61	54.44
Electronics engineers, except computer	28.50	33.24	39.20	46.44	57.47
Environmental engineers	24.04	29.11	36.28	46.58	51.03
Industrial engineers, including health and safety	24.46	29.97	35.89	42.98	50.91
Health and safety engineers, except mining safety engineers and inspectors	30.03	32.14	36.54	50.91	58.19
Industrial engineers	24.10	28.94	35.39	42.01	48.02
Materials engineers	26.44	28.60	35.21	48.12	58.26
Mechanical engineers	25.82	28.94	34.66	41.94	50.00
Mining and geological engineers, including mining safety engineers	32.88	35.29	38.85	65.00	68.28
Nuclear engineers	34.71	38.10	42.01	45.85	52.99
Petroleum engineers	29.75	39.37	50.00	76.64	83.56
Drafters	14.78	18.03	22.45	29.13	37.00
Architectural and civil drafters	14.78	17.79	21.64	29.91	35.52
Electrical and electronics drafters	13.89	15.43	22.46	24.97	30.60
Mechanical drafters	17.57	20.00	22.68	29.13	32.60
Engineering technicians, except drafters	13.64	18.92	25.00	29.53	35.09
Aerospace engineering and operations technicians	22.00	24.89	27.49	32.08	36.62
Civil engineering technicians	12.00	13.50	18.20	25.00	28.39
Electrical and electronic engineering technicians	13.61	18.72	24.86	29.03	33.65
Electro-mechanical technicians	19.71	23.85	26.45	29.56	31.41
Environmental engineering technicians	14.00	18.00	19.43	23.67	28.79
Industrial engineering technicians	17.19	20.03	25.00	29.27	34.38
Mechanical engineering technicians	18.50	20.08	24.74	33.18	41.84
Surveying and mapping technicians	12.50	14.02	21.25	25.48	40.00
Life, physical, and social science occupations	16.59	20.67	26.93	36.72	50.36
Life scientists	18.26	21.15	28.17	40.94	56.54
Agricultural and food scientists	16.75	17.26	17.96	32.41	44.62
Soil and plant scientists	14.98	17.26	31.20	32.41	32.41
Biological scientists	18.39	21.22	31.25	40.87	57.69
Biochemists and biophysicists	17.65	21.41	38.51	54.12	88.38
Microbiologists	19.31	26.31	28.56	41.72	46.02
Zoologists and wildlife biologists	18.27	20.73	24.18	26.09	33.60
Conservation scientists and foresters	19.53	21.64	24.97	28.54	33.89

See footnotes at end of table.

Table 15

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					
Conservation scientists	\$19.53	\$21.08	\$24.29	\$28.54	\$32.18
Foresters	18.27	22.70	26.25	44.29	53.18
Medical scientists	19.23	21.33	28.11	43.32	57.29
Physical scientists	20.31	24.78	31.50	42.27	52.90
Astronomers and physicists	23.31	45.18	49.85	70.20	75.94
Physicists	25.23	46.12	49.90	73.45	75.94
Chemists and materials scientists	21.64	25.63	30.69	41.44	55.85
Chemists	21.64	25.25	28.96	36.97	51.28
Materials scientists	30.93	34.07	49.47	55.63	64.66
Environmental scientists and geoscientists	19.23	23.28	31.30	38.94	49.63
Environmental scientists and specialists, including health ..	18.51	21.66	28.05	36.71	46.72
Geoscientists, except hydrologists and geographers	22.82	28.85	34.04	48.08	50.77
Hydrologists	18.51	21.21	26.18	30.94	37.31
Economists	19.26	21.64	34.69	42.30	100.96
Market and survey researchers	20.19	23.96	30.41	43.75	53.62
Market research analysts	21.73	24.44	31.11	45.40	53.62
Psychologists	17.39	24.02	31.99	43.33	56.81
Clinical, counseling, and school psychologists	17.39	24.50	32.87	43.70	56.81
Urban and regional planners	22.21	24.50	31.26	38.45	54.21
Miscellaneous social scientists and related workers	16.51	21.67	28.85	36.06	61.58
Agricultural and food science technicians	10.20	14.00	16.45	21.38	27.69
Biological technicians	12.01	15.50	19.77	24.14	27.48
Chemical technicians	14.04	17.09	21.97	26.48	31.39
Geological and petroleum technicians	13.87	16.52	26.22	37.07	43.27
Nuclear technicians	27.50	31.17	36.37	43.87	44.93
Social science research assistants	7.41	12.75	17.31	23.98	29.00
Miscellaneous life, physical, and social science technicians	14.29	16.45	20.13	26.71	32.87
Environmental science and protection technicians, including health	15.75	18.25	26.71	32.87	32.87
Forensic science technicians	19.08	22.51	25.91	30.98	34.83
Forest and conservation technicians	8.67	13.80	16.83	19.41	20.71
Community and social services occupations	12.02	14.84	18.33	24.56	32.74
Counselors	12.50	15.14	19.78	28.71	40.60
Substance abuse and behavioral disorder counselors	13.46	16.28	17.94	22.26	27.97
Educational, vocational, and school counselors	14.90	18.46	27.05	39.14	47.79
Mental health counselors	12.78	15.39	18.70	22.35	30.00
Rehabilitation counselors	10.50	12.52	17.21	20.08	25.39
Social workers	14.00	16.26	19.38	25.25	31.73
Child, family, and school social workers	13.80	15.89	19.01	24.79	32.86
Medical and public health social workers	15.39	17.68	22.50	28.12	30.67
Mental health and substance abuse social workers	13.85	15.87	17.98	22.12	32.07
Miscellaneous community and social service specialists	10.30	12.83	15.99	20.82	28.06
Health educators	16.28	22.66	26.99	41.00	48.06
Probation officers and correctional treatment specialists	14.98	17.74	22.81	28.36	36.18

See footnotes at end of table.

Table 15

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					
Social and human service assistants	\$9.39	\$10.99	\$13.68	\$16.41	\$19.71
Clergy	9.65	13.08	14.87	22.00	26.38
Directors, religious activities and education	16.00	20.93	24.57	25.00	41.46
Legal occupations					
Lawyers	16.34	20.23	30.33	50.79	76.92
Judges, magistrates, and other judicial workers	25.08	33.65	50.00	70.33	92.92
Administrative law judges, adjudicators, and hearing officers	22.29	29.52	43.12	62.75	81.87
Judges, magistrate judges, and magistrates	24.28	29.39	32.66	41.32	62.75
Paralegals and legal assistants	22.29	40.97	59.78	71.25	86.24
Miscellaneous legal support workers	15.38	17.50	21.41	28.85	34.62
Court reporters	14.90	16.75	20.87	26.16	33.91
Law clerks	15.21	17.01	25.00	29.32	44.41
Title examiners, abstractors, and searchers	14.00	17.67	21.53	25.35	39.26
.....	14.90	17.20	20.19	26.32	29.79
Education, training, and library occupations					
Postsecondary teachers	11.20	18.57	30.27	40.58	53.64
Business teachers, postsecondary	23.09	31.06	41.53	57.67	78.84
Math and computer teachers, postsecondary	23.92	35.09	57.67	72.63	74.73
Computer science teachers, postsecondary	30.98	33.76	40.54	55.07	67.90
Mathematical science teachers, postsecondary	24.70	32.05	50.79	65.54	82.84
Engineering and architecture teachers, postsecondary	32.77	33.76	39.46	49.05	58.61
Architecture teachers, postsecondary	32.23	40.00	58.46	78.60	95.15
Engineering teachers, postsecondary	27.24	51.22	52.24	63.64	71.84
Life sciences teachers, postsecondary	32.23	39.16	58.46	81.14	95.23
Biological science teachers, postsecondary	25.18	31.90	44.78	57.00	88.46
Physical sciences teachers, postsecondary	24.89	30.81	44.83	55.70	96.12
Atmospheric, earth, marine, and space sciences teachers, postsecondary	30.77	38.39	48.41	58.81	76.17
Chemistry teachers, postsecondary	19.20	19.20	26.40	66.64	74.94
Environmental science teachers, postsecondary	30.95	41.59	46.01	58.81	71.10
Physics teachers, postsecondary	32.05	46.94	54.36	58.17	90.57
Social sciences teachers, postsecondary	37.13	38.27	49.17	65.68	87.83
Area, ethnic, and cultural studies teachers, postsecondary	31.73	33.69	42.53	55.23	74.52
Economics teachers, postsecondary	30.68	31.80	31.80	43.74	45.55
Political science teachers, postsecondary	33.69	40.38	56.01	69.33	84.07
Psychology teachers, postsecondary	32.06	33.23	38.27	45.71	51.93
Sociology teachers, postsecondary	28.84	31.04	40.19	50.39	65.82
Health teachers, postsecondary	35.14	41.15	47.19	64.68	96.61
Health specialties teachers, postsecondary	27.21	33.65	47.26	79.63	108.20
Nursing instructors and teachers, postsecondary	28.15	41.54	64.36	87.28	129.25
Education and library science teachers, postsecondary	26.50	29.96	34.06	39.25	46.46
Education teachers, postsecondary	24.19	28.72	35.20	41.53	57.64
Law, criminal justice, and social work teachers, postsecondary	24.19	28.72	35.20	41.53	57.64
.....	33.22	52.61	84.09	107.53	130.29

See footnotes at end of table.

Table 15

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					
Criminal justice and law enforcement teachers, postsecondary	\$31.54	\$33.22	\$43.00	\$56.80	\$56.80
Law teachers, postsecondary	60.27	74.66	94.75	122.91	130.29
Social work teachers, postsecondary	31.27	32.88	35.92	39.98	45.25
Arts, communications, and humanities teachers, postsecondary	26.61	32.90	41.42	50.38	64.60
Art, drama, and music teachers, postsecondary	27.22	32.77	39.38	43.41	58.36
Communications teachers, postsecondary	21.16	26.02	38.91	47.33	70.60
English language and literature teachers, postsecondary	20.00	32.24	42.50	47.10	63.21
Foreign language and literature teachers, postsecondary	27.30	38.84	48.60	52.92	67.85
History teachers, postsecondary	28.82	36.71	45.78	56.47	69.87
Philosophy and religion teachers, postsecondary	26.55	29.51	38.63	49.11	58.54
Miscellaneous postsecondary teachers	19.23	24.96	33.65	46.67	62.04
Graduate teaching assistants	14.42	14.42	14.42	14.42	15.87
Recreation and fitness studies teachers, postsecondary	15.84	25.65	31.06	37.23	45.30
Vocational education teachers, postsecondary	18.38	21.00	26.54	32.95	50.74
Primary, secondary, and special education school teachers	19.12	26.54	32.98	41.39	51.30
Preschool and kindergarten teachers	9.36	12.00	14.93	27.26	35.79
Preschool teachers, except special education	9.03	11.00	13.97	16.81	29.42
Kindergarten teachers, except special education	22.10	26.01	31.91	39.14	49.39
Elementary and middle school teachers	23.33	27.80	33.81	42.13	51.74
Elementary school teachers, except special education	23.13	27.69	33.63	42.20	51.62
Middle school teachers, except special and vocational education	23.96	28.07	34.24	41.89	52.22
Secondary school teachers	24.71	29.08	34.26	42.90	52.39
Secondary school teachers, except special and vocational education	24.75	29.08	34.25	42.98	52.72
Vocational education teachers, secondary school	24.44	27.54	34.37	41.93	47.88
Special education teachers	24.02	28.13	33.95	43.31	54.14
Special education teachers, preschool, kindergarten, and elementary school	23.15	27.84	33.83	42.63	53.69
Special education teachers, middle school	24.13	30.58	34.02	42.80	53.39
Special education teachers, secondary school	24.66	28.79	35.13	44.39	57.23
Other teachers and instructors	10.00	15.99	26.35	41.77	59.81
Adult literacy, remedial education, and GED teachers and instructors	15.99	18.49	23.87	32.73	42.26
Self-enrichment education teachers	11.90	18.67	21.00	30.43	37.51
Archivists, curators, and museum technicians	14.28	17.71	24.55	30.24	37.32
Archivists	12.85	15.14	22.97	32.69	37.32
Curators	19.16	23.85	26.47	30.24	37.72
Librarians	17.31	21.40	26.95	36.71	45.81
Library technicians	10.52	12.82	14.94	19.31	24.82
Farm and home management advisors	16.17	16.83	17.31	20.32	23.41
Instructional coordinators	20.47	24.52	31.22	38.27	47.55
Teacher assistants	8.78	10.00	11.77	13.97	17.41

See footnotes at end of table.

Table 15

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	\$11.67	\$16.00	\$22.00	\$31.25	\$43.27
Artists and related workers	14.85	16.83	25.05	37.96	48.76
Art directors	16.83	21.64	29.42	42.86	48.76
Multi-media artists and animators	15.08	17.00	27.38	34.62	47.03
Designers	11.50	16.00	21.00	30.67	38.73
Commercial and industrial designers	23.52	28.30	33.26	41.40	45.33
Fashion designers	20.83	24.04	33.65	48.08	49.23
Floral designers	7.85	8.50	10.35	12.00	15.00
Graphic designers	14.06	16.83	19.70	27.17	34.79
Interior designers	16.00	18.38	27.92	31.39	38.73
Merchandise displayers and window trimmers	10.00	11.60	15.00	20.37	25.12
Set and exhibit designers	18.03	18.03	20.33	49.91	65.00
Actors, producers, and directors	12.05	17.05	22.96	39.17	63.58
Producers and directors	12.75	17.26	22.96	39.35	74.52
Athletes, coaches, umpires, and related workers	9.00	12.00	19.24	26.81	36.06
Coaches and scouts	10.00	12.00	19.71	28.41	37.26
Umpires, referees, and other sports officials	7.00	8.00	11.00	22.00	26.67
Dancers and choreographers	7.00	10.35	17.84	25.00	30.35
Dancers	7.00	7.00	10.35	30.35	30.35
Choreographers	11.16	15.60	17.84	20.00	25.00
Musicians, singers, and related workers	15.58	21.96	30.44	40.45	53.04
Music directors and composers	15.58	21.96	21.96	26.44	31.39
Musicians and singers	13.26	30.44	32.92	41.35	58.03
Announcers	8.50	12.00	18.00	26.14	50.48
Radio and television announcers	8.50	12.00	18.00	27.12	60.64
News analysts, reporters and correspondents	11.71	14.22	23.08	38.48	68.17
Reporters and correspondents	11.67	14.00	22.34	34.71	63.07
Public relations specialists	17.77	21.00	25.59	32.46	50.48
Writers and editors	14.95	18.97	26.76	33.49	46.79
Editors	14.69	18.75	24.52	33.32	45.63
Technical writers	16.59	20.80	28.79	37.76	49.14
Writers and authors	17.30	18.43	24.26	29.57	51.28
Miscellaneous media and communication workers	14.12	19.95	23.00	24.82	28.71
Interpreters and translators	10.00	18.00	21.35	27.80	32.50
Broadcast and sound engineering technicians and radio operators	10.00	16.29	20.83	30.42	39.01
Audio and video equipment technicians	12.32	15.74	20.59	25.48	39.01
Broadcast technicians	9.00	15.08	20.80	28.27	37.08
Photographers	8.61	9.38	12.50	15.36	19.40
Television, video, and motion picture camera operators and editors	14.09	17.00	24.02	28.60	30.59
Camera operators, television, video, and motion picture	12.27	15.50	18.00	27.04	31.20
Healthcare practitioner and technical occupations	14.84	19.25	26.22	34.67	48.15
Dentists	42.81	50.48	52.24	69.71	91.10
Dentists, general	42.81	50.48	50.48	67.64	91.10

See footnotes at end of table.

Table 15

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					
Dietitians and nutritionists	\$16.23	\$19.78	\$23.01	\$26.15	\$33.06
Optometrists	44.01	44.47	54.76	67.31	67.31
Pharmacists	43.86	48.50	51.75	54.00	56.36
Physicians and surgeons	22.45	27.56	74.59	101.51	144.23
Anesthesiologists	12.31	63.35	132.48	178.53	221.95
Family and general practitioners	30.50	60.10	75.06	98.67	140.00
Internists, general	22.96	29.01	71.78	86.54	132.21
Pediatricians, general	11.43	25.22	59.55	78.13	93.75
Psychiatrists	32.99	71.70	79.63	83.15	88.94
Surgeons	10.98	11.86	63.71	154.22	165.35
Physician assistants	29.81	34.29	41.35	48.00	60.10
Registered nurses	21.91	25.42	30.00	36.11	43.59
Therapists	20.60	24.17	30.00	36.46	44.94
Audiologists	21.66	25.45	29.43	37.61	37.61
Occupational therapists	25.64	28.55	32.76	38.09	49.45
Physical therapists	22.28	29.18	33.86	38.00	45.00
Radiation therapists	26.39	29.61	41.67	48.99	49.99
Recreational therapists	14.13	15.04	16.93	23.32	25.69
Respiratory therapists	19.75	22.53	24.42	27.37	31.30
Speech-language pathologists	25.64	26.99	33.98	41.55	51.77
Veterinarians	34.94	40.00	43.27	48.08	50.79
Clinical laboratory technologists and technicians	12.84	15.42	19.23	24.77	28.86
Medical and clinical laboratory technologists	16.59	20.31	24.44	28.64	32.34
Medical and clinical laboratory technicians	11.76	14.35	16.79	20.31	24.77
Dental hygienists	22.00	28.00	33.00	39.00	44.00
Diagnostic related technologists and technicians	16.38	21.49	26.36	32.11	38.96
Cardiovascular technologists and technicians	11.31	13.50	23.83	32.00	41.18
Diagnostic medical sonographers	24.00	27.97	32.18	37.72	41.17
Nuclear medicine technologists	30.77	31.00	35.99	40.39	43.72
Radiologic technologists and technicians	17.34	21.27	25.67	30.11	35.00
Emergency medical technicians and paramedics	9.76	11.00	14.16	17.96	25.13
Health diagnosing and treating practitioner support technicians	10.65	13.00	15.86	19.15	22.51
Dietetic technicians	7.50	8.50	11.52	12.56	14.08
Pharmacy technicians	10.46	12.34	14.25	16.40	18.41
Psychiatric technicians	10.27	11.78	15.07	21.92	26.45
Respiratory therapy technicians	17.20	19.59	21.27	25.22	27.33
Surgical technologists	14.36	16.68	19.14	21.50	23.34
Veterinary technologists and technicians	10.00	12.00	14.76	16.00	17.91
Licensed practical and licensed vocational nurses	14.37	16.46	18.54	21.44	25.00
Medical records and health information technicians	10.25	12.76	15.38	18.53	22.06
Opticians, dispensing	10.91	12.23	17.25	24.08	26.50
Miscellaneous health technologists and technicians	12.00	13.92	17.00	21.00	25.13
Occupational health and safety specialists and technicians	15.37	21.74	28.35	30.03	36.65
Occupational health and safety specialists	14.98	20.47	27.24	32.00	37.24
Miscellaneous healthcare practitioner and technical workers	14.08	16.49	18.99	21.19	30.10

See footnotes at end of table.

Table 15

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					
Athletic trainers	\$14.08	\$14.90	\$18.27	\$19.23	\$21.19
Healthcare support occupations					
Nursing, psychiatric, and home health aides	8.50	9.90	11.63	14.61	17.84
Home health aides	8.00	9.40	10.59	12.68	15.35
Nursing aides, orderlies, and attendants	6.55	8.05	9.65	10.63	12.10
Psychiatric aides	8.74	9.77	11.08	13.02	15.50
Occupational therapist assistants and aides	8.93	9.63	11.25	14.82	18.01
Occupational therapist assistants	9.67	12.28	16.94	24.69	28.94
Occupational therapist aides	12.60	16.82	24.40	28.94	28.94
Physical therapist assistants and aides	9.67	10.00	13.47	16.46	17.06
Physical therapist assistants	9.50	10.50	17.00	24.00	32.50
Physical therapist aides	12.00	17.25	21.82	31.00	36.00
Massage therapists	8.00	9.50	10.81	12.91	16.05
Miscellaneous healthcare support occupations	8.49	12.92	20.00	21.28	38.44
Dental assistants	9.50	11.33	13.75	16.51	19.50
Medical assistants	11.95	14.71	16.87	19.50	21.50
Medical equipment preparers	9.95	11.00	13.13	15.81	18.21
Medical transcriptionists	10.75	12.29	14.21	17.00	19.70
Pharmacy aides	11.00	13.00	14.73	17.59	20.20
Veterinary assistants and laboratory animal caretakers	8.40	9.28	11.00	13.00	15.30
8.00	9.50	12.00	12.77	15.81	
Protective service occupations					
First-line supervisors/managers, law enforcement workers	9.00	10.92	15.82	24.28	32.49
First-line supervisors/managers of correctional officers	16.91	23.86	32.18	40.25	48.99
First-line supervisors/managers of police and detectives	11.00	14.65	22.50	29.28	40.18
First-line supervisors/managers of fire fighting and prevention workers	21.42	28.18	35.15	42.48	50.77
Fire fighters	15.85	20.86	26.51	32.25	40.83
Fire inspectors	11.90	15.13	20.21	24.60	30.88
Fire inspectors and investigators	15.46	19.96	21.04	26.00	33.92
Bailiffs, correctional officers, and jailers	15.46	20.36	21.04	26.00	32.34
Bailiffs	11.28	13.91	16.92	22.87	28.99
Correctional officers and jailers	14.23	22.01	25.43	32.12	32.12
Detectives and criminal investigators	11.26	13.83	16.77	22.36	28.99
Fish and game wardens	16.33	18.60	27.02	34.45	40.96
Parking enforcement workers	10.00	18.69	23.59	23.59	27.36
Police officers	10.93	12.26	13.00	16.92	20.63
Police and sheriff's patrol officers	15.35	19.63	25.56	31.43	36.96
Animal control workers	15.35	19.63	25.56	31.43	36.96
Private detectives and investigators	9.84	12.39	13.91	14.82	19.97
Security guards and gaming surveillance officers	10.66	13.73	14.28	16.03	16.03
Security guards	8.00	9.24	10.54	12.98	16.48
Miscellaneous protective service workers	8.00	9.20	10.50	12.88	16.47
Crossing guards	7.15	7.94	9.50	13.25	20.54
8.28	8.78	9.50	11.39	15.58	

See footnotes at end of table.

Table 15

Civilian workers: Hourly wage percentiles¹ — Continued

Occupation ²	Wages fall at or below the following percentiles				
	10	25	50	75	90
Protective service occupations –Continued					
Lifeguards, ski patrol, and other recreational protective service workers	\$7.00	\$7.35	\$8.25	\$9.88	\$13.24
Food preparation and serving related occupations					
First-line supervisors/managers, food preparation and serving workers	3.77	6.55	8.00	10.00	13.17
Chefs and head cooks	9.62	11.75	14.50	18.54	23.04
First-line supervisors/managers of food preparation and serving workers	10.32	12.00	16.29	21.86	27.30
Cooks	9.50	11.75	14.42	18.38	22.07
Cooks, fast food	7.15	8.00	9.98	12.00	14.05
Cooks, institution and cafeteria	6.55	7.15	7.84	8.70	10.00
Cooks, restaurant	8.00	9.25	11.00	13.25	16.36
Cooks, short order	7.75	9.00	10.50	12.45	14.00
Food preparation workers	7.14	7.30	9.00	11.00	13.25
Food service, tipped	7.00	7.61	8.60	10.36	12.30
Bartenders	2.15	3.25	5.26	7.95	9.00
Waiters and waitresses	4.00	5.00	7.15	8.75	10.15
Dining room and cafeteria attendants and bartender helpers ..	2.13	2.68	4.05	6.55	8.00
Fast food and counter workers	4.25	6.20	7.75	8.70	10.51
Combined food preparation and serving workers, including fast food	6.38	7.00	7.75	8.76	10.50
Counter attendants, cafeteria, food concession, and coffee shop	6.30	7.00	7.64	8.70	10.25
Food servers, nonrestaurant	6.57	7.15	8.00	9.27	11.51
Dishwashers	4.00	7.35	8.49	10.28	14.32
Hosts and hostesses, restaurant, lounge, and coffee shop	7.00	7.50	8.10	9.00	10.50
Building and grounds cleaning and maintenance occupations					
First-line supervisors/managers, building and grounds cleaning and maintenance workers	4.25	6.77	7.95	9.00	11.00
First-line supervisors/managers of housekeeping and janitorial workers	7.50	8.61	10.75	14.00	18.34
First-line supervisors/managers of landscaping, lawn service, and groundskeeping workers	11.25	13.19	16.78	21.61	26.72
Building cleaning workers	10.58	12.91	15.84	20.91	24.68
Janitors and cleaners, except maids and housekeeping cleaners	13.00	15.45	18.75	22.22	29.67
Maids and housekeeping cleaners	7.50	8.42	10.27	13.29	16.81
Pest control workers	7.55	8.84	11.00	13.97	17.65
Grounds maintenance workers	7.25	7.93	8.75	10.43	13.04
Landscaping and groundskeeping workers	12.00	13.00	16.25	17.56	20.15
Pesticide handlers, sprayers, and applicators, vegetation	8.00	9.00	11.00	14.21	19.22
Tree trimmers and pruners	8.00	9.00	10.50	13.80	18.50
	10.20	10.80	13.40	20.52	21.78
	13.25	14.21	16.00	20.00	25.36

See footnotes at end of table.

Table 15

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	\$6.20	\$7.38	\$9.32	\$12.50	\$17.89
First-line supervisors/managers of gaming workers	10.01	11.66	14.00	17.98	21.44
Gaming supervisors	10.93	14.42	16.49	21.44	21.44
Slot key persons	9.53	10.35	11.85	12.33	13.14
First-line supervisors/managers of personal service workers	10.71	13.00	15.41	17.89	21.72
Nonfarm animal caretakers	7.00	7.35	8.72	10.00	12.36
Gaming services workers	5.25	5.72	6.55	7.52	8.17
Gaming dealers	5.25	5.65	6.33	7.34	7.99
Gaming and sports book writers and runners	7.87	7.87	8.00	11.25	16.67
Motion picture projectionists	7.00	7.35	8.25	11.25	35.60
Ushers, lobby attendants, and ticket takers	6.55	7.84	9.36	13.66	14.20
Miscellaneous entertainment attendants and related workers	6.55	7.08	8.00	10.31	12.74
Amusement and recreation attendants	6.50	7.00	7.75	9.50	12.74
Locker room, coatroom, and dressing room attendants	7.43	7.87	9.34	12.18	17.64
Funeral attendants	8.50	8.75	12.50	13.00	13.75
Barbers and cosmetologists	7.34	8.97	12.24	17.55	24.34
Hairdressers, hairstylists, and cosmetologists	7.34	8.82	12.43	17.68	25.24
Miscellaneous personal appearance workers	7.14	8.00	12.22	18.25	29.75
Manicurists and pedicurists	7.14	8.78	10.83	13.54	16.89
Shampooers	7.15	8.00	8.00	8.00	10.00
Skin care specialists	6.55	12.50	20.06	21.11	29.75
Baggage porters, bellhops, and concierges	6.33	7.47	9.00	12.50	18.94
Baggage porters and bellhops	6.33	6.60	7.90	9.17	11.75
Concierges	9.00	10.50	14.05	18.94	18.94
Tour and travel guides	7.25	9.00	12.77	15.00	19.22
Tour guides and escorts	7.15	9.00	12.13	14.25	16.60
Transportation attendants	11.14	23.87	37.54	41.76	48.15
Flight attendants	20.00	30.73	37.97	43.22	49.28
Transportation attendants, except flight attendants and baggage porters	7.77	8.74	10.93	12.69	16.16
Child care workers	7.00	7.75	9.00	10.90	13.08
Personal and home care aides	6.75	7.59	9.50	11.00	12.00
Recreation and fitness workers	7.25	8.50	10.89	15.77	20.00
Fitness trainers and aerobics instructors	8.00	9.70	13.88	18.61	25.00
Recreation workers	7.15	8.25	10.73	14.62	18.75
Residential advisors	5.25	5.25	11.47	15.82	18.46
Sales and related occupations	7.50	8.75	12.00	19.04	31.91
First-line supervisors/managers, sales workers	10.65	13.27	17.02	22.65	33.32
First-line supervisors/managers of retail sales workers	10.61	12.81	16.40	20.22	27.51
First-line supervisors/managers of non-retail sales workers ...	11.29	16.73	24.04	35.32	54.11
Retail sales workers	7.15	8.00	9.57	12.50	17.50
Cashiers, all workers	7.00	7.70	8.66	10.50	13.27
Cashiers	7.00	7.64	8.55	10.25	12.70
Gaming change persons and booth cashiers	9.21	11.36	13.39	14.11	15.28
Counter and rental clerks and parts salespersons	7.50	8.60	11.25	15.50	20.66

See footnotes at end of table.

Table 15

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					
Counter and rental clerks	\$6.81	\$7.85	\$9.25	\$11.85	\$15.15
Parts salespersons	9.00	10.89	14.50	18.78	23.75
Retail salespersons	7.50	8.50	10.46	14.07	20.00
Advertising sales agents	11.13	14.42	21.64	27.96	43.03
Insurance sales agents	12.50	16.62	21.01	31.78	49.73
Securities, commodities, and financial services sales agents	15.83	21.33	38.38	67.98	118.69
Travel agents	7.15	10.73	13.75	19.15	25.00
Sales representatives, wholesale and manufacturing	14.42	18.86	26.04	38.86	53.74
Sales representatives, wholesale and manufacturing, technical and scientific products	17.63	23.77	35.05	50.00	61.72
Sales representatives, wholesale and manufacturing, except technical and scientific products	13.76	18.00	23.60	34.60	48.93
Models, demonstrators, and product promoters	9.23	11.39	14.61	18.00	24.64
Demonstrators and product promoters	9.23	11.39	14.61	18.00	24.64
Real estate brokers and sales agents	10.00	11.65	15.80	22.19	37.76
Real estate brokers	6.94	13.05	13.08	26.26	37.76
Real estate sales agents	10.35	11.50	15.80	21.80	37.20
Sales engineers	20.84	26.39	32.22	41.92	49.72
Telemarketers	7.61	8.48	10.25	14.03	18.73
Miscellaneous sales and related workers	8.00	9.14	13.81	20.85	30.63
Door-to-door sales workers, news and street vendors, and related workers	8.45	10.00	10.86	13.55	15.96
Office and administrative support occupations	9.68	11.64	14.70	18.66	23.08
First-line supervisors/managers of office and administrative support workers	14.52	17.48	21.13	26.44	30.48
Switchboard operators, including answering service	8.04	9.50	11.00	14.00	17.70
Telephone operators	9.00	9.50	12.00	18.32	21.46
Financial clerks	10.00	11.74	14.55	18.00	21.36
Bill and account collectors	8.32	11.70	14.62	18.26	22.56
Billing and posting clerks and machine operators	10.86	12.66	14.83	17.09	20.00
Bookkeeping, accounting, and auditing clerks	11.00	12.98	15.62	19.06	22.20
Gaming cage workers	9.00	9.20	10.00	10.50	12.68
Payroll and timekeeping clerks	12.82	15.43	17.51	20.43	22.82
Procurement clerks	11.00	13.52	16.59	19.13	20.92
Tellers	9.34	10.03	11.33	13.08	15.15
Brokerage clerks	12.36	15.30	17.78	20.75	23.91
Correspondence clerks	12.98	13.95	16.00	19.33	23.95
Court, municipal, and license clerks	11.21	12.91	16.11	19.46	24.45
Credit authorizers, checkers, and clerks	11.01	12.34	14.65	18.15	22.35
Customer service representatives	9.85	11.84	14.60	18.41	23.58
Eligibility interviewers, government programs	12.42	14.67	17.09	20.02	22.30
File clerks	9.00	10.25	11.50	15.14	16.28
Hotel, motel, and resort desk clerks	7.50	8.25	9.50	10.61	12.50
Interviewers, except eligibility and loan	8.53	10.24	12.22	14.65	17.27

See footnotes at end of table.

Table 15

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					
Library assistants, clerical	\$8.00	\$9.85	\$12.03	\$14.40	\$18.16
Loan interviewers and clerks	11.04	13.00	15.87	18.41	21.55
New accounts clerks	10.64	12.00	14.00	16.01	20.26
Order clerks	10.00	11.50	14.45	18.55	21.35
Human resources assistants, except payroll and timekeeping	12.11	14.86	18.03	20.35	24.04
Receptionists and information clerks	9.00	10.30	12.07	14.50	17.38
Reservation and transportation ticket agents and travel clerks	9.00	10.40	14.65	19.99	21.54
Cargo and freight agents	13.13	14.21	17.91	22.96	39.00
Couriers and messengers	8.00	8.40	10.70	12.91	15.25
Dispatchers	10.02	12.81	16.45	21.25	26.23
Police, fire, and ambulance dispatchers	10.75	12.53	16.06	19.92	24.84
Dispatchers, except police, fire, and ambulance	10.00	13.16	16.50	22.00	26.90
Meter readers, utilities	10.00	12.57	16.25	19.85	23.43
Production, planning, and expediting clerks	12.49	14.89	18.54	23.71	26.44
Shipping, receiving, and traffic clerks	8.70	10.18	12.59	15.75	19.18
Stock clerks and order fillers	7.50	8.77	11.26	14.25	17.19
Weighers, measurers, checkers, and samplers, recordkeeping	9.00	11.50	13.00	16.65	20.97
Secretaries and administrative assistants	11.56	14.13	17.78	22.13	27.24
Executive secretaries and administrative assistants	14.33	16.85	20.49	25.10	29.81
Legal secretaries	13.94	17.05	21.62	27.84	33.19
Medical secretaries	10.00	12.02	14.50	18.00	21.42
Secretaries, except legal, medical, and executive	10.75	13.00	15.84	19.22	22.57
Computer operators	11.08	11.94	15.61	19.31	21.90
Data entry and information processing workers	10.00	11.57	13.37	16.30	19.32
Data entry keyers	10.00	11.00	12.69	15.00	18.03
Word processors and typists	11.65	12.99	15.81	18.50	23.73
Desktop publishers	11.40	14.31	18.63	23.05	27.80
Insurance claims and policy processing clerks	11.26	13.00	15.75	18.82	22.51
Mail clerks and mail machine operators, except postal service	8.48	10.00	11.62	14.56	16.83
Office clerks, general	9.59	11.40	13.77	17.00	20.59
Office machine operators, except computer	9.10	10.80	13.01	15.00	18.50
Proofreaders and copy markers	9.00	9.00	12.64	14.38	17.59
Statistical assistants	12.53	15.92	19.60	22.75	26.49
Farming, fishing, and forestry occupations	7.29	8.05	11.21	16.24	21.37
First-line supervisors/managers of farming, fishing, and forestry workers	12.77	13.50	18.35	25.06	32.74
Agricultural inspectors	11.21	16.24	19.81	21.37	24.74
Graders and sorters, agricultural products	6.92	7.30	9.00	10.29	15.44
Miscellaneous agricultural workers	7.29	7.85	9.75	13.98	16.10
Farmworkers and laborers, crop, nursery, and greenhouse	7.00	8.00	9.75	14.57	18.75
Farmworkers, farm and ranch animals	7.29	7.29	7.50	12.99	16.09
Forest and conservation workers	7.96	8.00	11.48	22.69	23.41
Logging workers	10.50	13.34	17.08	24.29	24.29

See footnotes at end of table.

Table 15

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	\$11.00	\$14.00	\$18.73	\$26.00	\$34.41
First-line supervisors/managers of construction trades and extraction workers	17.60	21.55	27.37	34.88	40.80
Boilermakers	14.84	15.20	18.31	21.04	28.46
Brickmasons, blockmasons, and stonemasons	17.66	21.27	25.19	28.65	34.05
Brickmasons and blockmasons	18.00	22.02	25.36	28.65	34.05
Carpenters	13.50	16.00	20.00	26.51	35.00
Carpet, floor, and tile installers and finishers	13.00	16.78	19.00	24.00	38.63
Carpet installers	17.86	20.00	20.00	24.85	38.67
Tile and marble setters	13.00	16.00	16.97	22.00	25.73
Cement masons, concrete finishers, and terrazzo workers	13.55	15.08	18.50	23.75	28.00
Cement masons and concrete finishers	13.55	15.08	18.25	23.75	28.00
Construction laborers	9.00	10.66	14.00	20.58	27.25
Construction equipment operators	11.76	14.02	17.00	22.50	29.62
Paving, surfacing, and tamping equipment operators	11.05	12.00	15.00	19.99	25.00
Operating engineers and other construction equipment operators	12.00	14.50	17.90	23.11	29.80
Drywall installers, ceiling tile installers, and tapers	14.00	16.82	19.75	26.58	35.48
Drywall and ceiling tile installers	13.52	16.82	19.94	26.58	35.48
Tapers	16.50	17.22	17.22	25.00	31.43
Electricians	13.00	16.03	21.99	32.75	38.30
Glaziers	6.25	12.66	18.00	26.49	30.11
Insulation workers	10.50	14.56	16.70	20.50	24.50
Insulation workers, floor, ceiling, and wall	9.39	9.50	13.40	18.50	26.50
Insulation workers, mechanical	14.57	15.00	18.00	20.68	23.63
Painters and paperhangers	10.50	13.00	15.60	20.00	25.00
Painters, construction and maintenance	10.50	13.00	15.50	20.00	26.31
Pipelayers, plumbers, pipefitters, and steamfitters	13.00	16.38	22.50	31.00	36.69
Pipelayers	10.68	12.54	14.24	22.24	28.00
Plumbers, pipefitters, and steamfitters	13.75	17.18	23.00	32.25	37.32
Plasterers and stucco masons	12.28	15.50	16.44	18.64	18.99
Reinforcing iron and rebar workers	11.50	13.00	16.50	20.25	30.51
Roofers	10.00	11.59	16.00	21.06	28.50
Sheet metal workers	12.00	15.00	18.72	26.50	35.77
Structural iron and steel workers	14.79	19.05	26.00	31.23	55.71
Helpers, construction trades	9.13	10.75	12.50	16.00	20.00
Helpers--brickmasons, blockmasons, stonemasons, and tile and marble setters	9.00	10.00	14.00	22.99	24.63
Helpers--carpenters	9.80	12.00	13.18	16.00	16.48
Helpers--electricians	9.25	10.00	11.00	13.00	14.06
Helpers--painters, paperhangers, plasterers, and stucco masons	8.40	10.00	11.00	12.00	13.00
Helpers--pipelayers, plumbers, pipefitters, and steamfitters ...	9.13	11.09	12.90	14.80	18.00
Helpers--roofers	9.00	9.40	12.00	12.00	13.64
Construction and building inspectors	16.60	18.77	23.09	30.10	34.67
Elevator installers and repairers	28.84	31.80	38.46	52.66	52.66

See footnotes at end of table.

Table 15

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					
Hazardous materials removal workers	\$10.50	\$12.35	\$17.00	\$21.00	\$33.63
Highway maintenance workers	11.97	12.93	16.28	20.37	23.21
Septic tank servicers and sewer pipe cleaners	12.56	16.65	22.11	22.11	22.11
Miscellaneous construction and related workers	10.30	12.30	15.84	20.50	26.00
Derrick, rotary drill, and service unit operators, oil, gas, and mining	12.10	12.10	24.88	34.41	34.41
Service unit operators, oil, gas, and mining	15.13	19.00	25.00	31.70	31.70
Earth drillers, except oil and gas	15.30	15.30	16.46	20.50	22.00
Mining machine operators	18.88	20.50	21.85	25.51	33.01
Continuous mining machine operators	20.50	20.50	25.51	25.51	33.44
Roustabouts, oil and gas	10.78	10.78	18.00	29.30	31.16
Helpers--extraction workers	13.10	15.00	15.75	20.50	20.50
Installation, maintenance, and repair occupations					
First-line supervisors/managers of mechanics, installers, and repairers	11.65	15.00	19.44	26.00	31.25
Computer, automated teller, and office machine repairers	17.96	20.21	25.15	32.89	40.25
Radio and telecommunications equipment installers and repairers	10.02	13.90	17.24	20.68	24.77
Telecommunications equipment installers and repairers, except line installers	18.51	25.00	29.35	31.73	33.77
Miscellaneous electrical and electronic equipment mechanics, installers, and repairers	18.32	24.88	29.35	31.92	33.77
Avionics technicians	11.55	14.70	19.67	26.98	31.78
Electric motor, power tool, and related repairers	7.45	7.90	14.70	20.84	28.14
Electrical and electronics installers and repairers, transportation equipment	10.00	11.50	13.64	15.09	20.75
Electrical and electronics repairers, commercial and industrial equipment	20.00	23.32	27.42	30.35	31.62
Electrical and electronics repairers, powerhouse, substation, and relay	14.04	17.47	23.42	29.49	31.78
Electronic equipment installers and repairers, motor vehicles	20.03	27.11	33.87	36.92	37.98
Electronic home entertainment equipment installers and repairers	12.39	13.05	17.00	17.00	24.19
Security and fire alarm systems installers	10.00	11.98	13.25	17.00	23.00
Aircraft mechanics and service technicians	13.00	17.00	20.60	24.50	28.75
Automotive technicians and repairers	17.50	21.25	27.28	31.35	40.27
Automotive body and related repairers	10.84	13.00	17.78	22.00	27.50
Automotive glass installers and repairers	12.00	13.00	16.37	20.78	28.41
Automotive service technicians and mechanics	13.00	18.00	20.00	20.86	24.62
Bus and truck mechanics and diesel engine specialists	10.50	13.14	18.00	22.44	27.50
Heavy vehicle and mobile equipment service technicians and mechanics	14.00	16.55	19.40	23.51	28.25
Farm equipment mechanics	13.30	16.70	19.25	23.25	27.31
Mobile heavy equipment mechanics, except engines	10.50	11.75	15.43	18.85	21.50
	15.45	17.51	20.60	23.50	28.31

See footnotes at end of table.

Table 15

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					
Rail car repairers	\$15.00	\$17.00	\$19.50	\$23.64	\$27.55
Small engine mechanics	10.00	12.15	16.15	18.79	25.00
Motorboat mechanics	10.45	11.50	17.00	19.50	20.25
Motorcycle mechanics	10.00	11.00	15.25	27.50	36.76
Outdoor power equipment and other small engine mechanics	9.00	14.00	16.15	18.08	19.50
Miscellaneous vehicle and mobile equipment mechanic, installers, and repairers	7.36	8.50	10.00	12.75	16.45
Tire repairers and changers	7.50	8.50	10.00	12.75	14.90
Control and valve installers and repairers	12.07	14.99	20.42	23.50	32.29
Control and valve installers and repairers, except mechanical door	12.49	17.45	21.00	25.38	33.79
Heating, air conditioning, and refrigeration mechanics and installers	12.31	15.50	19.50	26.31	32.25
Home appliance repairers	14.10	17.00	19.31	21.30	21.30
Industrial machinery installation, repair, and maintenance workers	12.38	15.38	19.00	23.84	29.53
Industrial machinery mechanics	16.22	18.78	21.96	27.47	32.50
Maintenance and repair workers, general	11.00	13.50	17.18	21.00	26.49
Maintenance workers, machinery	12.75	14.62	16.87	21.00	25.33
Millwrights	17.57	19.00	25.06	28.91	38.71
Line installers and repairers	16.50	22.86	28.38	30.62	33.24
Electrical power-line installers and repairers	18.00	23.49	29.09	33.24	37.24
Telecommunications line installers and repairers	15.73	22.38	27.48	30.33	31.30
Precision instrument and equipment repairers	13.50	15.50	19.50	28.98	35.74
Medical equipment repairers	11.11	14.99	16.43	24.86	28.43
Musical instrument repairers and tuners	12.60	15.00	18.50	19.50	25.20
Miscellaneous installation, maintenance, and repair workers	9.50	11.59	15.00	19.30	25.00
Coin, vending, and amusement machine servicers and repairers	11.00	11.00	15.41	18.25	19.94
Locksmiths and safe repairers	12.00	13.00	15.00	19.95	26.07
Manufactured building and mobile home installers	8.68	10.00	11.00	12.50	17.00
Riggers	10.93	11.50	15.00	24.00	26.57
Signal and track switch repairers	19.21	23.23	24.99	25.99	29.08
Helpers--installation, maintenance, and repair workers	8.00	10.00	12.19	15.00	18.29
Production occupations	8.81	10.88	14.32	19.23	26.00
First-line supervisors/managers of production and operating workers	15.00	18.33	22.77	28.93	35.03
Aircraft structure, surfaces, rigging, and systems assemblers	14.23	18.71	23.01	29.85	31.85
Electrical, electronics, and electromechanical assemblers	8.99	10.46	12.32	15.69	19.92
Coil winders, tapers, and finishers	9.00	10.00	11.53	14.15	19.92
Electrical and electronic equipment assemblers	8.66	10.18	12.32	14.85	20.28
Electromechanical equipment assemblers	9.85	11.06	13.83	17.62	19.20
Engine and other machine assemblers	11.75	14.28	17.00	25.22	29.48
Structural metal fabricators and fitters	11.00	13.86	15.64	20.00	26.79

See footnotes at end of table.

Table 15

Civilian workers: Hourly wage percentiles¹ — Continued

Occupation ²	Wages fall at or below the following percentiles				
	10	25	50	75	90
Production occupations –Continued					
Miscellaneous assemblers and fabricators	\$8.50	\$10.24	\$13.35	\$18.16	\$28.75
Fiberglass laminators and fabricators	10.87	11.00	12.76	16.00	17.00
Team assemblers	9.22	11.48	13.90	21.95	29.10
Bakers	8.00	9.25	11.55	14.13	18.76
Butchers and other meat, poultry, and fish processing workers ..	8.00	9.68	11.97	14.25	17.92
Butchers and meat cutters	9.00	12.00	15.30	17.92	21.25
Meat, poultry, and fish cutters and trimmers	7.09	8.25	9.68	10.85	12.00
Slaughterers and meat packers	9.65	10.85	12.15	12.80	14.65
Miscellaneous food processing workers	8.50	9.35	12.75	16.59	20.19
Food and tobacco roasting, baking, and drying machine operators and tenders	8.56	8.81	12.67	16.09	20.70
Food batchmakers	8.61	10.85	14.25	17.80	20.28
Food cooking machine operators and tenders	7.50	9.00	9.75	13.02	17.79
Computer control programmers and operators	11.00	13.50	17.75	21.22	26.29
Computer-controlled machine tool operators, metal and plastic	10.98	13.00	17.05	20.00	24.47
Numerical tool and process control programmers	18.87	20.00	23.56	31.35	32.55
Forming machine setters, operators, and tenders, metal and plastic	11.00	12.80	15.77	18.85	21.38
Extruding and drawing machine setters, operators, and tenders, metal and plastic	11.05	13.16	15.31	18.85	20.59
Forging machine setters, operators, and tenders, metal and plastic	10.75	11.81	15.04	19.60	22.25
Rolling machine setters, operators, and tenders, metal and plastic	11.00	12.50	16.50	19.94	22.40
Machine tool cutting setters, operators, and tenders, metal and plastic	9.12	11.70	14.29	18.00	20.78
Cutting, punching, and press machine setters, operators, and tenders, metal and plastic	8.93	11.51	13.40	16.81	20.25
Drilling and boring machine tool setters, operators, and tenders, metal and plastic	9.12	10.42	14.50	18.98	22.83
Grinding, lapping, polishing, and buffing machine tool setters, operators, and tenders, metal and plastic	10.25	11.59	14.12	17.00	19.00
Lathe and turning machine tool setters, operators, and tenders, metal and plastic	9.50	13.00	17.44	20.04	23.00
Milling and planing machine setters, operators, and tenders, metal and plastic	8.15	16.00	19.00	21.29	22.50
Machinists	14.04	17.00	20.50	25.00	29.96
Metal furnace and kiln operators and tenders	10.75	13.27	17.53	19.98	23.54
Metal-refining furnace operators and tenders	11.00	12.93	18.98	21.20	25.47
Pourers and casters, metal	8.50	16.92	17.45	18.98	19.98
Model makers and patternmakers, metal and plastic	13.80	15.05	22.25	30.51	34.39
Model makers, metal and plastic	15.05	16.10	24.62	31.72	34.39
Patternmakers, metal and plastic	13.80	13.80	14.00	21.00	32.58

See footnotes at end of table.

Table 15

Civilian workers: Hourly wage percentiles¹ — Continued

Occupation ²	Wages fall at or below the following percentiles				
	10	25	50	75	90
Production occupations –Continued					
Molders and molding machine setters, operators, and tenders, metal and plastic	\$8.11	\$10.25	\$12.50	\$15.83	\$19.95
Foundry mold and coremakers	13.70	14.90	17.05	17.73	19.54
Molding, coremaking, and casting machine setters, operators, and tenders, metal and plastic	8.00	9.86	12.35	15.50	20.00
Multiple machine tool setters, operators, and tenders, metal and plastic	9.83	11.50	14.10	18.64	24.50
Tool and die makers	17.51	20.56	24.31	27.00	33.29
Welding, soldering, and brazing workers	11.15	13.50	16.50	19.35	24.45
Welders, cutters, solderers, and brazers	11.24	13.65	16.60	19.49	24.33
Welding, soldering, and brazing machine setters, operators, and tenders	10.78	12.75	15.74	18.00	26.10
Miscellaneous metalworkers and plastic workers	8.30	11.00	14.56	17.80	21.75
Heat treating equipment setters, operators, and tenders, metal and plastic	9.00	10.50	16.15	18.89	23.75
Lay-out workers, metal and plastic	14.10	15.00	16.00	19.84	36.89
Plating and coating machine setters, operators, and tenders, metal and plastic	9.00	10.13	13.36	18.50	25.37
Tool grinders, filers, and sharpeners	9.60	14.80	17.22	19.04	25.00
Bookbinders and bindery workers	7.75	9.70	12.70	17.14	21.00
Bindery workers	7.75	9.70	12.70	17.14	21.00
Printers	10.00	12.65	16.25	20.64	24.52
Job printers	10.51	15.60	18.10	20.84	22.50
Prepress technicians and workers	10.00	13.13	18.27	22.89	26.13
Printing machine operators	9.75	12.48	15.56	20.00	23.95
Laundry and dry-cleaning workers	7.45	8.10	9.32	10.75	13.13
Pressers, textile, garment, and related materials	7.00	7.50	8.50	10.67	12.36
Sewing machine operators	7.50	8.95	10.51	14.07	16.61
Tailors, dressmakers, and sewers	9.00	10.95	13.00	18.85	23.35
Tailors, dressmakers, and custom sewers	9.00	10.95	13.00	18.15	23.35
Textile machine setters, operators, and tenders	9.42	10.35	12.05	13.90	15.59
Textile bleaching and dyeing machine operators and tenders	8.75	9.58	11.07	12.50	13.50
Textile cutting machine setters, operators, and tenders	8.61	9.42	10.39	12.35	15.24
Textile knitting and weaving machine setters, operators, and tenders	9.68	11.11	13.90	14.98	15.71
Textile winding, twisting, and drawing out machine setters, operators, and tenders	9.66	10.38	11.90	12.97	16.25
Miscellaneous textile, apparel, and furnishings workers	8.60	10.15	11.80	17.06	20.65
Extruding and forming machine setters, operators, and tenders, synthetic and glass fibers	9.34	12.18	16.97	19.55	19.55
Fabric and apparel patternmakers	16.01	17.06	20.65	23.75	32.50
Upholsterers	9.02	11.00	15.76	19.60	23.01
Cabinetmakers and bench carpenters	10.44	11.67	14.93	16.65	18.20
Furniture finishers	10.50	11.56	12.45	15.50	18.27
Woodworking machine setters, operators, and tenders	8.50	10.50	12.50	14.90	17.15

See footnotes at end of table.

Table 15

Civilian workers: Hourly wage percentiles¹ — Continued

Occupation ²	Wages fall at or below the following percentiles				
	10	25	50	75	90
Production occupations –Continued					
Sawing machine setters, operators, and tenders, wood	\$8.25	\$9.75	\$11.85	\$14.00	\$17.00
Woodworking machine setters, operators, and tenders, except sawing	8.75	11.30	13.50	15.06	17.85
Power plant operators, distributors, and dispatchers	19.81	27.87	31.07	33.47	38.93
Power distributors and dispatchers	21.60	30.13	36.20	42.41	45.10
Power plant operators	17.75	25.14	27.87	31.90	35.84
Stationary engineers and boiler operators	15.98	21.05	27.03	30.77	35.01
Water and liquid waste treatment plant and system operators	12.96	15.77	18.56	22.24	27.17
Miscellaneous plant and system operators	17.74	21.89	27.97	31.07	33.40
Chemical plant and system operators	16.98	17.90	25.83	30.10	31.58
Gas plant operators	25.42	27.74	32.50	33.40	33.40
Petroleum pump system operators, refinery operators, and gaugers	9.50	27.11	29.25	31.15	33.58
Chemical processing machine setters, operators, and tenders	11.00	16.00	20.26	26.83	30.31
Chemical equipment operators and tenders	10.50	14.26	19.38	24.67	26.43
Separating, filtering, clarifying, precipitating, and still machine setters, operators, and tenders	12.73	17.24	21.25	29.40	31.27
Crushing, grinding, polishing, mixing, and blending workers	10.00	12.25	15.53	19.60	22.85
Crushing, grinding, and polishing machine setters, operators, and tenders	10.00	12.75	16.60	19.50	27.69
Grinding and polishing workers, hand	9.01	10.75	13.00	14.50	19.71
Mixing and blending machine setters, operators, and tenders	11.00	13.48	16.32	21.18	22.91
Cutting workers	9.49	11.00	14.50	17.10	20.15
Cutters and trimmers, hand	8.40	10.50	13.00	15.78	18.00
Cutting and slicing machine setters, operators, and tenders	9.58	11.80	14.50	17.75	20.34
Extruding, forming, pressing, and compacting machine setters, operators, and tenders	8.80	10.00	13.72	16.64	23.10
Furnace, kiln, oven, drier, and kettle operators and tenders	8.94	11.62	14.52	19.37	26.37
Inspectors, testers, sorters, samplers, and weighers	9.45	11.68	14.86	19.46	25.71
Jewelers and precious stone and metal workers	10.22	11.97	18.35	24.50	31.00
Medical, dental, and ophthalmic laboratory technicians	10.21	11.50	15.00	16.57	20.26
Dental laboratory technicians	10.50	12.00	15.43	17.50	20.26
Ophthalmic laboratory technicians	10.05	10.21	11.51	15.00	15.24
Packaging and filling machine operators and tenders	8.75	11.00	14.43	17.80	21.33
Painting workers	9.25	10.96	14.02	17.50	21.68
Coating, painting, and spraying machine setters, operators, and tenders	9.25	11.00	13.35	16.75	18.70
Painters, transportation equipment	11.69	14.50	18.26	24.99	28.57
Painting, coating, and decorating workers	7.50	8.25	10.96	14.64	17.78
Photographic process workers and processing machine operators	7.94	8.90	11.24	14.20	17.50
Photographic process workers	10.00	11.24	11.40	17.00	27.29
Photographic processing machine operators	7.94	8.25	9.88	14.20	16.20
Semiconductor processors	11.95	14.31	17.45	19.68	22.77
Miscellaneous production workers	8.05	9.50	11.88	16.36	21.53

See footnotes at end of table.

Table 15

Civilian workers: Hourly wage percentiles¹ — Continued

Occupation ²	Wages fall at or below the following percentiles				
	10	25	50	75	90
Production occupations –Continued					
Cementing and gluing machine operators and tenders	\$9.20	\$10.53	\$14.28	\$18.04	\$21.53
Cleaning, washing, and metal pickling equipment operators and tenders	11.24	11.95	15.00	24.09	29.28
Cooling and freezing equipment operators and tenders	8.75	8.75	12.20	19.08	24.65
Etchers and engravers	10.25	13.92	14.00	14.47	21.25
Molders, shapers, and casters, except metal and plastic	8.00	10.00	14.00	16.03	25.00
Paper goods machine setters, operators, and tenders	8.71	10.76	16.65	20.46	25.58
Tire builders	10.00	11.54	17.32	20.00	22.09
Helpers--production workers	7.75	9.09	10.75	13.07	17.07
Transportation and material moving occupations					
First-line supervisors/managers of helpers, laborers, and material movers, hand	8.00	10.00	13.24	17.89	23.04
First-line supervisors/managers of transportation and material-moving machine and vehicle operators	13.65	15.13	19.67	23.86	29.89
First-line supervisors/managers of transportation and material-moving machine and vehicle operators	14.99	18.10	23.08	28.55	34.56
Aircraft pilots and flight engineers	22.00	32.00	88.05	146.61	161.47
Airline pilots, copilots, and flight engineers	22.00	75.96	111.62	151.43	163.12
Commercial pilots	19.35	24.96	32.00	34.91	43.46
Ambulance drivers and attendants, except emergency medical technicians	9.09	10.00	10.35	12.86	16.41
Bus drivers	10.89	12.85	15.00	18.46	23.87
Bus drivers, transit and intercity	11.00	13.46	15.24	22.88	26.73
Bus drivers, school	10.70	12.50	14.69	17.41	19.69
Driver/sales workers and truck drivers	9.32	12.00	16.00	20.53	25.24
Driver/sales workers	6.55	7.50	11.00	16.58	21.65
Truck drivers, heavy and tractor-trailer	12.00	14.50	17.25	21.50	25.23
Truck drivers, light or delivery services	8.50	10.14	13.32	18.90	28.17
Taxi drivers and chauffeurs	7.25	8.50	9.88	12.35	16.00
Locomotive engineers and operators	15.54	15.54	23.75	35.95	49.96
Locomotive engineers	15.54	15.54	23.75	38.04	51.41
Railroad brake, signal, and switch operators	15.18	17.38	22.42	30.69	34.81
Railroad conductors and yardmasters	14.43	14.43	22.88	31.00	38.53
Subway and streetcar operators	19.45	24.24	26.55	28.65	28.65
Sailors and marine oilers	9.00	10.42	11.67	14.97	15.63
Ship and boat captains and operators	15.00	19.94	28.21	29.17	37.61
Captains, mates, and pilots of water vessels	15.42	20.18	28.21	29.17	37.61
Ship engineers	21.94	27.26	29.17	38.75	50.17
Parking lot attendants	6.46	7.45	8.41	9.90	12.06
Service station attendants	7.50	8.00	9.00	13.61	18.51
Transportation inspectors	17.95	22.23	23.10	30.94	31.74
Conveyor operators and tenders	8.75	10.25	12.50	15.62	17.60
Crane and tower operators	13.75	16.10	20.00	25.20	31.10
Dredge, excavating, and loading machine operators	11.00	13.92	16.11	18.75	22.69
Excavating and loading machine and dragline operators	11.00	13.92	16.00	18.50	22.69
Hoist and winch operators	10.75	12.86	20.28	30.03	39.85

See footnotes at end of table.

Table 15

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					
Industrial truck and tractor operators	\$9.54	\$11.39	\$13.71	\$16.90	\$21.06
Laborers and material movers, hand	7.50	8.45	10.25	13.10	16.60
Cleaners of vehicles and equipment	7.49	8.40	10.00	12.70	15.50
Laborers and freight, stock, and material movers, hand	7.75	8.89	10.68	13.65	17.51
Machine feeders and offbearers	7.80	8.61	10.54	13.28	15.81
Packers and packagers, hand	7.00	7.78	9.06	11.54	14.11
Pumping station operators	16.54	21.68	22.91	22.91	27.61
Refuse and recyclable material collectors	8.50	9.50	11.52	16.00	20.86
Tank car, truck, and ship loaders	14.00	16.00	20.22	20.22	31.30

¹ 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.

² 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.