

Table 15

Civilian workers: Hourly wage percentiles¹

Occupation ²	Wages fall at or below the following percentiles				
	10	25	50	75	90
All workers	\$8.00	\$10.57	\$15.70	\$24.47	\$36.15
Management occupations	19.81	26.32	36.54	50.45	65.80
Chief executives	28.85	46.75	68.58	92.33	137.36
General and operations managers	20.60	27.00	38.46	55.29	78.85
Advertising and promotions managers	18.27	22.83	27.25	38.46	58.43
Marketing and sales managers	24.45	31.83	43.27	57.50	75.52
Marketing managers	27.64	34.47	46.47	60.00	79.33
Sales managers	23.08	29.18	40.14	55.86	72.05
Public relations managers	18.13	20.41	32.21	49.45	73.54
Administrative services managers	19.23	23.43	29.42	36.97	46.61
Computer and information systems managers	30.47	40.09	49.50	62.21	72.18
Financial managers	20.67	26.67	36.33	51.25	70.40
Human resources managers	22.74	26.32	28.85	40.58	56.25
Compensation and benefits managers	22.85	28.17	38.08	44.14	63.36
Training and development managers	26.32	26.32	26.32	32.00	40.39
Industrial production managers	22.56	28.85	40.42	46.33	55.62
Purchasing managers	21.50	27.72	37.95	48.79	70.63
Transportation, storage, and distribution managers	19.69	24.04	35.18	45.25	51.46
Construction managers	21.50	27.33	35.00	42.31	53.65
Education administrators	17.63	26.27	35.03	46.46	56.04
Education administrators, preschool and child care center/program	12.00	15.30	21.90	29.57	30.94
Education administrators, elementary and secondary school ..	31.18	36.42	43.33	50.40	57.69
Education administrators, postsecondary	21.38	25.09	31.85	46.98	61.82
Engineering managers	36.00	44.02	54.58	63.35	69.66
Food service managers	15.62	17.31	21.92	28.56	41.41
Funeral directors	17.50	19.50	20.10	26.59	35.39
Lodging managers	12.50	14.90	18.88	28.85	38.46
Medical and health services managers	22.26	28.72	35.15	46.58	58.66
Natural sciences managers	21.20	31.07	48.63	56.41	57.75
Property, real estate, and community association managers	15.39	19.71	23.98	29.44	36.82
Social and community service managers	17.19	19.23	24.04	32.33	37.26
Business and financial operations occupations	17.17	20.86	26.44	33.90	44.08
Buyers and purchasing agents	18.56	21.28	25.50	32.44	40.87
Purchasing agents and buyers, farm products	19.90	23.81	36.25	40.14	44.09
Wholesale and retail buyers, except farm products	17.30	21.22	25.50	33.88	42.73
Purchasing agents, except wholesale, retail, and farm products	18.82	21.18	25.23	31.74	39.10
Claims adjusters, appraisers, examiners, and investigators	16.85	19.71	24.52	30.88	38.21
Claims adjusters, examiners, and investigators	16.86	19.50	24.04	30.95	38.46
Insurance appraisers, auto damage	16.53	24.90	27.75	30.00	32.21
Compliance officers, except agriculture, construction, health and safety, and transportation	15.69	18.80	22.57	28.85	33.90
Cost estimators	18.28	21.50	28.85	40.00	46.31
Emergency management specialists	16.87	18.20	27.48	48.10	48.10

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
Business and financial operations occupations –Continued					
Human resources, training, and labor relations specialists	\$16.76	\$19.69	\$25.75	\$31.80	\$38.46
Employment, recruitment, and placement specialists	14.93	17.94	21.90	30.21	39.42
Compensation, benefits, and job analysis specialists	16.41	19.31	25.04	32.97	38.90
Training and development specialists	16.50	18.06	24.76	31.80	37.63
Logisticians	18.94	20.19	30.00	37.96	45.49
Management analysts	20.45	24.04	32.36	43.16	50.90
Meeting and convention planners	17.22	19.23	23.54	25.64	27.39
Accountants and auditors	17.47	20.77	26.05	33.00	40.72
Appraisers and assessors of real estate	14.21	16.73	20.81	29.39	34.46
Budget analysts	22.53	26.18	27.39	34.25	47.12
Credit analysts	17.79	20.80	24.74	31.25	39.53
Financial analysts and advisors	18.94	22.84	29.67	38.46	55.66
Financial analysts	21.64	25.17	31.23	40.29	60.10
Personal financial advisors	14.42	18.44	22.34	34.61	52.89
Insurance underwriters	18.00	21.15	27.74	37.50	50.22
Financial examiners	18.21	22.81	28.55	33.73	43.75
Loan counselors and officers	14.89	17.17	24.43	36.63	74.73
Loan counselors	11.67	14.65	19.94	24.14	33.78
Loan officers	14.89	17.46	25.32	37.62	77.48
Tax examiners, collectors, preparers, and revenue agents	10.00	13.88	18.90	26.70	32.82
Tax examiners, collectors, and revenue agents	13.09	15.53	20.05	27.35	33.35
Tax preparers	9.90	9.90	10.00	22.44	28.50
Computer and mathematical science occupations					
Computer and information scientists, research	19.48	25.41	34.19	43.00	51.44
Computer programmers	25.61	34.86	46.59	56.19	63.05
Computer software engineers	21.54	25.89	33.16	38.71	48.08
Computer software engineers, applications	27.64	34.31	41.92	48.53	56.99
Computer software engineers, systems software	27.40	32.69	41.44	48.08	55.16
Computer software engineers, systems software	30.29	35.85	42.31	49.12	58.44
Computer support specialists	14.02	17.75	22.11	29.16	40.24
Computer systems analysts	25.05	30.19	37.14	44.06	52.64
Database administrators	20.35	23.08	32.31	39.22	48.97
Network and computer systems administrators	20.14	23.91	29.43	37.03	43.71
Network systems and data communications analysts	21.64	24.04	30.10	38.22	46.15
Actuaries	25.91	32.56	39.84	49.10	56.51
Operations research analysts	22.09	25.30	31.19	41.90	47.45
Statisticians	18.03	21.89	31.59	47.92	50.48
Miscellaneous mathematical scientists	14.27	15.39	17.51	21.00	25.96
Architecture and engineering occupations					
Architects, except naval	18.09	23.90	31.40	40.87	49.62
Architects, except naval	20.67	24.04	28.85	38.46	45.12
Architects, except landscape and naval	20.67	24.04	28.85	40.11	45.12
Landscape architects	24.04	28.63	32.32	32.54	34.62
Surveyors, cartographers, and photogrammetrists	16.00	18.84	27.23	35.51	50.19
Cartographers and photogrammetrists	16.00	16.00	17.10	20.37	30.00

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					
Surveyors	\$18.75	\$21.64	\$28.85	\$40.00	\$50.19
Engineers	25.54	30.59	37.33	45.51	53.95
Aerospace engineers	30.84	38.00	48.35	53.98	63.90
Chemical engineers	26.76	31.28	33.98	50.48	55.75
Civil engineers	22.78	26.44	33.57	41.39	48.20
Computer hardware engineers	26.44	32.24	43.83	50.33	62.41
Electrical and electronics engineers	25.69	31.82	37.55	45.10	53.48
Electrical engineers	24.00	31.53	36.88	44.33	52.88
Electronics engineers, except computer	27.63	32.17	38.46	45.33	54.33
Environmental engineers	25.84	30.75	38.23	46.73	65.00
Industrial engineers, including health and safety	25.80	29.29	34.62	40.92	49.57
Health and safety engineers, except mining safety engineers and inspectors	28.90	31.66	35.80	49.57	56.66
Industrial engineers	24.46	28.96	34.12	39.90	46.44
Marine engineers and naval architects	23.00	25.24	31.73	35.80	37.94
Materials engineers	25.67	28.22	36.88	48.29	53.85
Mechanical engineers	25.00	28.93	33.65	39.86	47.04
Nuclear engineers	34.40	37.66	41.12	45.33	50.88
Petroleum engineers	27.79	36.72	45.18	60.77	77.31
Drafters	14.42	18.01	22.16	28.57	32.83
Architectural and civil drafters	14.42	19.00	23.76	28.57	32.25
Electrical and electronics drafters	12.75	17.25	22.34	25.50	29.88
Mechanical drafters	15.76	18.88	21.79	27.53	33.00
Engineering technicians, except drafters	14.59	18.53	23.18	28.18	33.50
Aerospace engineering and operations technicians	20.00	23.57	26.08	29.36	33.30
Civil engineering technicians	10.45	13.40	17.00	23.90	29.71
Electrical and electronic engineering technicians	14.59	17.89	23.91	28.18	31.49
Electro-mechanical technicians	18.94	23.00	26.45	28.56	32.23
Environmental engineering technicians	13.00	16.71	28.79	43.75	48.50
Industrial engineering technicians	16.56	19.41	24.49	27.74	32.07
Mechanical engineering technicians	18.17	19.10	20.64	26.78	38.00
Surveying and mapping technicians	12.50	13.21	18.90	24.76	35.13
Life, physical, and social science occupations	15.95	20.10	26.18	35.92	47.50
Life scientists	17.11	19.90	26.39	39.22	49.88
Agricultural and food scientists	15.75	16.70	18.27	31.51	42.96
Food scientists and technologists	22.71	22.71	39.92	42.96	42.96
Soil and plant scientists	13.21	16.96	23.70	31.51	31.51
Biological scientists	17.65	20.61	31.62	39.28	48.72
Biochemists and biophysicists	17.65	20.69	36.20	40.53	53.85
Microbiologists	18.93	23.92	27.67	40.11	44.38
Zoologists and wildlife biologists	17.50	20.79	23.50	25.58	32.00
Conservation scientists and foresters	15.87	19.90	24.67	28.23	31.71
Conservation scientists	12.70	19.90	24.67	26.57	30.35
Foresters	16.35	19.90	26.00	31.71	52.71

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					
Medical scientists	\$17.68	\$20.16	\$25.64	\$40.38	\$52.56
Physical scientists	20.82	25.23	31.04	40.37	51.54
Astronomers and physicists	29.77	30.34	43.85	48.50	73.73
Physicists	30.34	30.34	44.18	48.66	73.73
Chemists and materials scientists	20.82	25.84	28.12	37.00	49.87
Chemists	20.82	23.95	27.84	34.78	47.99
Materials scientists	26.92	30.33	40.10	49.87	58.89
Environmental scientists and geoscientists	21.22	24.77	32.69	40.37	49.85
Environmental scientists and specialists, including health ..	20.27	23.89	31.50	38.06	44.47
Geoscientists, except hydrologists and geographers	22.30	34.89	40.22	52.89	61.54
Hydrologists	21.96	21.96	24.93	31.85	36.05
Economists	20.00	22.22	27.77	40.93	96.15
Market and survey researchers	17.79	22.95	28.85	42.46	51.78
Market research analysts	21.06	24.13	30.34	43.68	51.78
Psychologists	17.39	24.50	32.66	42.41	55.10
Clinical, counseling, and school psychologists	17.39	24.50	33.02	44.05	55.10
Urban and regional planners	22.12	24.39	30.39	36.29	39.92
Miscellaneous social scientists and related workers	15.77	21.35	29.28	40.77	55.24
Agricultural and food science technicians	9.00	10.63	16.00	20.70	26.50
Biological technicians	12.50	15.33	18.92	22.34	26.71
Chemical technicians	14.51	17.57	21.50	26.23	32.90
Geological and petroleum technicians	14.36	34.19	36.88	43.21	50.96
Nuclear technicians	30.26	30.59	34.68	42.08	43.10
Social science research assistants	11.85	13.64	20.91	23.39	24.04
Miscellaneous life, physical, and social science technicians	14.15	15.94	20.00	25.28	30.59
Environmental science and protection technicians, including health	15.02	18.72	23.72	30.59	31.20
Forensic science technicians	18.03	22.44	25.28	30.52	34.83
Forest and conservation technicians	8.89	13.29	15.89	17.51	19.61
Community and social services occupations	12.00	14.44	17.90	24.00	31.88
Counselors	12.19	15.53	19.78	28.46	40.32
Substance abuse and behavioral disorder counselors	12.91	15.23	17.59	20.77	25.87
Educational, vocational, and school counselors	14.42	17.95	25.97	38.06	47.21
Marriage and family therapists	13.22	17.34	28.21	28.21	32.33
Mental health counselors	12.83	15.74	18.61	22.98	28.72
Rehabilitation counselors	10.20	12.50	16.75	18.98	24.84
Social workers	13.83	15.70	18.94	24.57	30.87
Child, family, and school social workers	14.12	15.51	18.74	24.25	31.60
Medical and public health social workers	14.92	17.22	21.30	26.93	31.05
Mental health and substance abuse social workers	13.46	14.64	17.35	21.55	27.40
Miscellaneous community and social service specialists	10.00	12.57	15.87	20.51	26.39
Health educators	19.78	21.97	29.20	41.00	41.00
Probation officers and correctional treatment specialists	14.61	17.39	21.74	26.63	35.06
Social and human service assistants	9.00	10.60	13.25	16.00	18.50

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					
Clergy	\$12.18	\$13.08	\$14.42	\$19.07	\$23.23
Legal occupations	16.06	19.63	30.24	50.06	75.42
Lawyers	24.28	33.65	48.60	69.71	93.18
Judges, magistrates, and other judicial workers	21.14	30.31	41.66	60.92	77.47
Administrative law judges, adjudicators, and hearing officers	23.04	28.10	32.66	42.45	60.92
Judges, magistrate judges, and magistrates	21.14	40.97	56.41	69.01	83.32
Paralegals and legal assistants	14.44	17.00	20.00	27.80	33.50
Miscellaneous legal support workers	14.00	16.62	20.70	25.66	32.77
Court reporters	14.91	16.50	21.15	26.60	36.06
Law clerks	13.62	18.58	21.52	23.68	38.25
Title examiners, abstractors, and searchers	13.00	16.06	20.74	26.25	32.77
Education, training, and library occupations	10.66	17.49	28.74	38.96	51.74
Postsecondary teachers	22.18	29.43	39.84	55.33	77.32
Business teachers, postsecondary	23.77	40.41	60.26	70.68	92.16
Math and computer teachers, postsecondary	26.82	32.62	37.11	49.74	61.54
Computer science teachers, postsecondary	20.27	28.77	37.05	60.62	73.68
Mathematical science teachers, postsecondary	28.55	32.62	37.33	47.68	56.09
Engineering and architecture teachers, postsecondary	24.04	37.35	54.92	81.22	88.95
Engineering teachers, postsecondary	23.86	37.35	54.92	81.22	88.95
Life sciences teachers, postsecondary	22.78	29.36	42.55	52.71	82.56
Biological science teachers, postsecondary	22.45	29.36	41.85	53.08	82.41
Physical sciences teachers, postsecondary	31.91	38.92	49.03	58.79	72.26
Atmospheric, earth, marine, and space sciences teachers, postsecondary	24.39	51.63	62.63	65.98	72.57
Chemistry teachers, postsecondary	30.28	41.03	48.72	53.95	70.24
Physics teachers, postsecondary	35.25	36.34	47.50	63.15	85.15
Social sciences teachers, postsecondary	30.45	32.60	40.55	53.72	74.34
Area, ethnic, and cultural studies teachers, postsecondary	29.77	31.80	31.80	41.59	61.23
Economics teachers, postsecondary	32.40	38.49	49.52	74.52	81.13
Political science teachers, postsecondary	30.45	32.28	36.38	41.95	56.86
Psychology teachers, postsecondary	28.70	32.72	38.95	46.10	66.41
Sociology teachers, postsecondary	30.77	38.68	44.68	60.90	90.88
Health teachers, postsecondary	26.15	30.45	43.54	76.05	109.62
Health specialties teachers, postsecondary	26.86	40.43	62.72	86.54	130.04
Nursing instructors and teachers, postsecondary	24.61	27.59	30.45	37.06	47.90
Education and library science teachers, postsecondary	21.49	28.41	33.65	39.50	49.43
Education teachers, postsecondary	21.49	28.41	33.65	39.50	49.43
Law, criminal justice, and social work teachers, postsecondary	30.77	48.08	76.93	97.44	168.38
Criminal justice and law enforcement teachers, postsecondary	21.49	30.70	31.35	47.61	87.67
Law teachers, postsecondary	55.75	75.00	85.26	102.69	168.38
Social work teachers, postsecondary	21.14	27.47	31.41	39.72	45.00

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					
Arts, communications, and humanities teachers, postsecondary	\$25.14	\$31.43	\$39.84	\$48.48	\$61.80
Art, drama, and music teachers, postsecondary	27.41	33.75	40.43	43.90	58.12
Communications teachers, postsecondary	20.55	21.21	36.27	44.98	60.55
English language and literature teachers, postsecondary	19.15	30.07	37.50	46.24	59.92
Foreign language and literature teachers, postsecondary	26.30	36.86	43.59	48.48	66.64
History teachers, postsecondary	28.41	33.19	42.69	53.83	66.07
Philosophy and religion teachers, postsecondary	24.78	28.60	40.23	55.30	57.00
Miscellaneous postsecondary teachers	18.44	23.80	32.33	45.50	61.66
Graduate teaching assistants	14.42	14.42	14.42	14.42	15.48
Recreation and fitness studies teachers, postsecondary	15.00	22.10	30.10	37.62	44.44
Vocational education teachers, postsecondary	18.07	20.90	23.91	32.27	45.80
Primary, secondary, and special education school teachers	17.40	24.90	31.56	39.80	49.98
Preschool and kindergarten teachers	9.00	11.00	14.37	25.27	33.77
Preschool teachers, except special education	8.50	10.20	13.25	17.32	28.36
Kindergarten teachers, except special education	14.79	22.93	29.31	36.53	46.48
Elementary and middle school teachers	21.76	26.17	32.32	40.61	50.32
Elementary school teachers, except special education	21.57	25.98	32.16	40.61	50.16
Middle school teachers, except special and vocational education	22.44	26.85	32.90	40.65	50.99
Secondary school teachers	23.20	27.41	33.22	41.41	51.40
Secondary school teachers, except special and vocational education	23.24	27.45	33.42	41.48	51.92
Vocational education teachers, secondary school	22.35	26.81	31.61	40.46	46.28
Special education teachers	23.03	26.45	32.50	41.53	52.34
Special education teachers, preschool, kindergarten, and elementary school	22.73	25.94	32.00	40.76	52.08
Special education teachers, middle school	22.67	27.83	32.75	42.02	52.08
Special education teachers, secondary school	23.49	26.92	33.72	43.01	53.67
Other teachers and instructors	9.50	15.71	26.10	41.03	56.43
Adult literacy, remedial education, and GED teachers and instructors	16.80	18.50	24.85	35.07	47.93
Self-enrichment education teachers	13.00	19.23	20.00	30.13	45.92
Archivists, curators, and museum technicians	14.04	16.09	24.42	29.44	37.72
Archivists	12.42	14.77	16.09	36.26	36.26
Curators	18.60	23.85	26.02	29.43	38.51
Librarians	17.31	20.93	26.42	35.07	45.43
Library technicians	10.21	12.29	14.53	18.37	23.81
Farm and home management advisors	15.02	16.30	17.63	22.81	22.81
Instructional coordinators	18.89	24.35	29.76	36.81	43.70
Teacher assistants	8.47	9.50	11.13	13.35	16.83
Arts, design, entertainment, sports, and media occupations					
Artists and related workers	14.42	18.27	21.79	30.05	47.03
Art directors	16.34	21.79	27.35	34.48	47.07

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					
–Continued					
Multi-media artists and animators	\$14.58	\$19.50	\$21.56	\$26.63	\$45.08
Designers	10.00	14.79	20.01	27.05	38.82
Commercial and industrial designers	21.64	26.00	33.65	40.33	43.82
Fashion designers	20.00	26.44	44.23	60.10	137.36
Floral designers	8.00	8.75	10.00	12.00	14.75
Graphic designers	13.63	16.38	19.23	25.00	30.70
Interior designers	15.32	18.38	23.50	28.00	37.45
Merchandise displayers and window trimmers	8.50	10.00	13.06	18.50	23.95
Set and exhibit designers	14.42	16.68	19.26	49.91	65.00
Actors, producers, and directors	12.02	17.43	25.04	43.24	63.58
Producers and directors	12.88	17.43	25.66	45.67	64.50
Athletes, coaches, umpires, and related workers	9.92	12.46	18.27	29.92	43.27
Coaches and scouts	10.50	12.46	18.75	29.92	33.39
Umpires, referees, and other sports officials	7.00	8.00	12.13	26.67	26.67
Dancers and choreographers	7.00	10.78	17.22	25.00	29.34
Dancers	7.00	7.00	12.41	29.34	29.34
Choreographers	10.78	13.33	17.22	19.23	25.00
Musicians, singers, and related workers	20.32	21.36	31.86	41.33	54.15
Music directors and composers	20.32	20.32	20.90	30.77	41.33
Musicians and singers	28.34	30.02	32.23	48.78	56.50
Announcers	8.00	10.37	15.00	29.81	93.75
Radio and television announcers	8.00	10.00	16.11	40.10	93.75
News analysts, reporters and correspondents	10.80	13.56	21.69	35.35	70.61
Reporters and correspondents	10.80	13.46	21.44	32.94	62.57
Public relations specialists	16.04	20.09	23.98	31.14	35.73
Writers and editors	15.35	19.51	25.46	33.05	45.63
Editors	14.58	19.50	22.35	30.24	42.02
Technical writers	16.26	23.93	30.33	40.58	49.25
Writers and authors	12.34	17.50	18.02	36.15	102.56
Miscellaneous media and communication workers	9.78	15.30	20.43	24.53	30.00
Interpreters and translators	8.55	14.91	21.29	26.00	31.50
Broadcast and sound engineering technicians and radio operators	9.64	15.87	18.62	27.67	36.09
Audio and video equipment technicians	12.00	14.98	19.35	23.08	27.57
Broadcast technicians	9.00	15.44	18.17	27.36	34.53
Sound engineering technicians	21.02	21.02	32.94	37.72	45.63
Photographers	8.75	9.38	14.75	16.00	23.34
Television, video, and motion picture camera operators and editors	11.92	14.92	19.95	25.75	34.38
Camera operators, television, video, and motion picture	11.45	14.31	14.94	26.67	47.04
Healthcare practitioner and technical occupations					
Dentists	14.36	18.65	25.25	33.25	46.24
Dentists, general	41.75	50.48	50.99	90.00	127.20
Dentists, general	42.77	50.48	52.88	90.00	127.20

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	\$15.96	\$19.31	\$22.47	\$26.82	\$32.93
Optometrists	43.21	43.21	53.01	64.42	64.42
Pharmacists	38.14	45.50	49.27	51.67	54.24
Physicians and surgeons	21.59	26.44	70.30	94.38	157.90
Anesthesiologists	12.04	24.24	85.53	95.35	139.42
Family and general practitioners	29.33	65.90	79.33	180.36	225.11
Internists, general	22.29	22.80	67.53	81.16	139.20
Pediatricians, general	11.19	24.99	62.50	85.15	93.75
Psychiatrists	32.34	66.95	76.92	83.15	83.15
Surgeons	10.77	11.62	60.77	147.31	147.31
Physician assistants	25.67	33.31	38.14	45.00	52.89
Registered nurses	21.42	24.59	28.99	34.75	41.57
Therapists	19.52	23.85	28.97	34.39	41.61
Audiologists	21.66	22.56	24.36	34.19	35.99
Occupational therapists	23.55	27.00	30.35	35.85	47.78
Physical therapists	25.24	29.85	32.98	37.11	43.95
Radiation therapists	26.12	26.64	35.54	39.35	39.81
Recreational therapists	13.15	14.60	17.06	23.32	25.32
Respiratory therapists	19.36	21.47	23.60	26.59	28.96
Speech-language pathologists	24.03	26.06	31.93	40.44	47.86
Veterinarians	31.39	36.06	48.49	49.30	56.85
Clinical laboratory technologists and technicians	12.26	15.15	18.41	23.39	27.29
Medical and clinical laboratory technologists	15.79	18.86	23.27	26.95	31.17
Medical and clinical laboratory technicians	11.61	14.32	16.50	19.76	23.39
Dental hygienists	22.00	28.00	33.00	37.00	43.00
Diagnostic related technologists and technicians	15.00	20.50	25.95	31.12	36.99
Cardiovascular technologists and technicians	10.73	13.00	20.48	32.00	39.59
Diagnostic medical sonographers	24.31	27.23	32.14	36.78	42.86
Nuclear medicine technologists	26.76	30.05	35.00	37.85	42.04
Radiologic technologists and technicians	16.79	21.00	25.47	29.52	34.07
Emergency medical technicians and paramedics	9.47	10.58	14.09	19.25	24.43
Health diagnosing and treating practitioner support technicians	10.75	12.65	15.30	18.83	22.27
Dietetic technicians	7.63	8.09	10.49	14.90	17.33
Pharmacy technicians	10.00	11.77	13.84	15.65	17.59
Psychiatric technicians	9.81	11.44	14.91	20.66	22.69
Respiratory therapy technicians	17.30	19.00	22.22	25.10	29.00
Surgical technologists	14.51	16.15	18.83	20.44	23.10
Veterinary technologists and technicians	8.39	13.37	15.50	16.00	19.00
Licensed practical and licensed vocational nurses	14.17	16.00	18.10	20.67	23.88
Medical records and health information technicians	10.29	12.30	15.20	17.82	22.09
Miscellaneous health technologists and technicians	12.24	13.73	16.50	20.36	26.79
Occupational health and safety specialists and technicians	14.69	21.15	27.01	28.18	33.13
Occupational health and safety specialists	14.56	17.06	24.25	27.89	37.08
Miscellaneous healthcare practitioner and technical workers	13.13	13.31	18.27	23.36	33.82
Athletic trainers	13.13	13.13	14.64	20.18	23.36

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
Healthcare support occupations	\$8.20	\$9.55	\$11.34	\$14.11	\$17.24
Nursing, psychiatric, and home health aides	7.98	9.10	10.47	12.30	14.92
Home health aides	6.25	7.37	9.51	10.49	11.65
Nursing aides, orderlies, and attendants	8.42	9.44	10.80	12.65	15.22
Psychiatric aides	8.34	9.74	11.15	14.35	16.99
Occupational therapist assistants and aides	9.38	10.16	14.39	18.29	23.35
Occupational therapist assistants	8.59	12.35	18.29	23.35	23.92
Occupational therapist aides	9.38	9.67	12.89	15.22	15.90
Physical therapist assistants and aides	9.50	10.25	14.74	23.46	31.00
Physical therapist assistants	9.85	17.18	20.83	30.00	32.40
Physical therapist aides	8.50	9.50	11.23	12.88	15.49
Massage therapists	8.94	13.62	20.00	21.03	37.56
Miscellaneous healthcare support occupations	9.10	11.00	13.39	16.23	19.50
Dental assistants	12.20	14.44	16.00	18.90	21.12
Medical assistants	9.25	11.00	13.00	15.51	18.43
Medical equipment preparers	9.77	11.70	13.31	16.71	19.70
Medical transcriptionists	10.91	12.50	14.54	17.33	20.76
Pharmacy aides	7.30	8.82	10.50	12.00	16.20
Veterinary assistants and laboratory animal caretakers	8.50	10.00	11.70	12.51	15.03
Protective service occupations	8.72	10.33	14.79	22.87	30.76
First-line supervisors/managers, law enforcement workers	16.31	22.88	30.80	40.22	46.25
First-line supervisors/managers of correctional officers	11.00	13.70	21.05	28.29	39.83
First-line supervisors/managers of police and detectives	20.62	26.71	34.17	42.25	47.07
First-line supervisors/managers of fire fighting and prevention workers	14.90	19.72	25.62	30.93	39.13
Fire fighters	11.45	14.50	19.66	24.10	30.33
Fire inspectors	14.94	14.94	21.04	23.71	28.49
Fire inspectors and investigators	14.94	14.94	21.04	23.71	28.42
Bailiffs, correctional officers, and jailers	10.87	13.41	16.17	21.73	28.39
Bailiffs	13.73	19.15	24.36	31.39	32.12
Correctional officers and jailers	10.84	13.41	16.08	21.45	27.58
Detectives and criminal investigators	15.44	17.70	25.86	32.77	40.41
Fish and game wardens	9.50	18.32	23.07	23.07	27.31
Parking enforcement workers	9.98	11.49	12.98	15.87	19.88
Police officers	14.62	18.91	24.62	30.39	35.40
Police and sheriff's patrol officers	14.62	18.91	24.62	30.39	35.40
Animal control workers	9.36	11.70	13.68	14.19	20.20
Private detectives and investigators	10.33	13.83	13.83	15.42	15.42
Security guards and gaming surveillance officers	7.56	9.00	10.12	12.42	15.40
Security guards	7.56	9.00	10.06	12.35	15.40
Miscellaneous protective service workers	7.00	7.85	10.00	14.50	20.53
Crossing guards	6.76	8.94	10.40	13.63	16.04
Lifeguards, ski patrol, and other recreational protective service workers	6.75	7.50	8.25	10.00	15.01

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
Food preparation and serving related occupations	\$3.75	\$6.40	\$7.77	\$9.83	\$12.87
First-line supervisors/managers, food preparation and serving workers	9.25	11.28	14.11	18.49	21.24
Chefs and head cooks	10.00	11.11	16.28	20.19	25.94
First-line supervisors/managers of food preparation and serving workers	9.23	11.35	13.89	18.04	20.94
Cooks	7.00	8.00	9.52	11.59	14.00
Cooks, fast food	6.35	7.00	7.50	8.25	9.45
Cooks, institution and cafeteria	7.75	9.12	10.85	13.00	15.76
Cooks, restaurant	7.50	8.50	10.00	12.00	13.86
Cooks, short order	7.00	7.38	8.58	11.00	12.93
Food preparation workers	6.75	7.39	8.50	10.35	12.43
Food service, tipped	2.23	3.25	5.41	7.50	8.75
Bartenders	4.00	5.15	7.00	8.50	10.31
Waiters and waitresses	2.13	2.75	4.25	6.45	7.80
Dining room and cafeteria attendants and bartender helpers ..	4.00	5.85	7.28	8.41	9.85
Fast food and counter workers	6.08	6.75	7.50	8.75	10.43
Combined food preparation and serving workers, including fast food	6.00	6.60	7.50	8.58	10.25
Counter attendants, cafeteria, food concession, and coffee shop	6.41	7.00	7.75	9.00	11.12
Food servers, nonrestaurant	4.30	7.00	8.05	9.81	12.99
Dishwashers	6.73	7.15	8.00	8.86	10.40
Hosts and hostesses, restaurant, lounge, and coffee shop	5.15	6.62	7.58	9.00	10.75
Building and grounds cleaning and maintenance occupations	7.32	8.31	10.46	13.99	18.54
First-line supervisors/managers, building and grounds cleaning and maintenance workers	11.00	13.87	18.52	21.83	26.13
First-line supervisors/managers of housekeeping and janitorial workers	10.33	12.64	17.32	19.69	23.48
First-line supervisors/managers of landscaping, lawn service, and groundskeeping workers	13.52	17.31	23.53	26.13	26.13
Building cleaning workers	7.15	8.00	9.92	12.81	16.33
Janitors and cleaners, except maids and housekeeping cleaners	7.32	8.45	10.49	13.40	17.25
Maids and housekeeping cleaners	7.00	7.50	8.40	10.00	12.50
Pest control workers	12.00	13.94	15.75	18.08	20.46
Grounds maintenance workers	7.85	8.98	11.00	14.92	19.15
Landscaping and groundskeeping workers	7.85	8.78	10.75	14.19	18.54
Pesticide handlers, sprayers, and applicators, vegetation	9.50	10.39	12.57	17.68	19.24
Tree trimmers and pruners	13.65	15.00	18.57	22.15	25.36
Personal care and service occupations	6.00	7.00	9.00	12.00	16.75
First-line supervisors/managers of gaming workers	10.34	10.93	13.13	16.97	21.25
Gaming supervisors	10.61	14.00	16.00	19.38	22.32
Slot key persons	9.88	10.62	11.21	11.96	13.13

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 –Continued					
First-line supervisors/managers of personal service workers	\$10.83	\$12.50	\$15.22	\$16.90	\$21.59
Nonfarm animal caretakers	6.50	7.00	8.75	9.50	11.02
Gaming services workers	5.30	5.69	6.55	6.67	7.62
Gaming dealers	5.25	5.60	6.31	6.67	7.40
Gaming and sports book writers and runners	7.38	7.50	7.57	10.00	16.67
Ushers, lobby attendants, and ticket takers	6.50	7.40	9.45	13.17	18.44
Miscellaneous entertainment attendants and related workers	6.15	7.00	7.85	9.95	12.44
Amusement and recreation attendants	6.00	6.93	7.50	8.94	12.44
Locker room, coatroom, and dressing room attendants	7.21	7.76	9.01	11.48	15.44
Funeral attendants	8.50	8.75	12.50	12.50	12.65
Barbers and cosmetologists	7.50	8.68	11.61	15.63	20.43
Barbers	9.43	9.83	12.50	13.49	13.49
Hairdressers, hairstylists, and cosmetologists	7.44	8.54	11.40	16.13	20.43
Miscellaneous personal appearance workers	6.95	8.33	9.00	15.45	30.00
Manicurists and pedicurists	6.71	8.33	8.57	13.50	16.44
Skin care specialists	7.87	11.21	20.33	30.00	30.00
Baggage porters, bellhops, and concierges	6.45	7.50	8.49	11.50	18.44
Baggage porters and bellhops	6.15	6.75	8.00	8.52	11.00
Concierges	8.00	9.50	12.81	18.44	18.44
Tour and travel guides	7.21	8.70	11.89	14.06	15.88
Tour guides and escorts	7.15	8.63	10.50	14.06	15.88
Transportation attendants	10.83	22.37	36.18	40.65	48.20
Flight attendants	25.93	30.73	37.59	42.52	48.20
Transportation attendants, except flight attendants and baggage porters	6.83	9.10	10.83	14.30	19.32
Child care workers	6.50	7.20	8.50	10.55	12.93
Personal and home care aides	6.05	7.40	9.50	10.81	11.74
Recreation and fitness workers	7.20	8.50	10.73	15.00	20.00
Fitness trainers and aerobics instructors	8.50	10.00	14.00	18.24	25.00
Recreation workers	7.00	8.34	10.52	14.23	18.75
Residential advisors	5.63	5.63	10.19	13.35	16.11
Sales and related occupations	7.25	8.50	11.67	18.85	31.88
First-line supervisors/managers, sales workers	10.36	12.98	16.82	22.33	33.66
First-line supervisors/managers of retail sales workers	10.36	12.55	16.23	19.75	26.44
First-line supervisors/managers of non-retail sales workers ...	10.91	15.25	24.29	34.22	50.18
Retail sales workers	7.00	7.80	9.30	12.35	17.50
Cashiers, all workers	6.75	7.50	8.48	10.28	13.13
Cashiers	6.70	7.46	8.37	10.01	12.50
Gaming change persons and booth cashiers	8.97	11.00	13.00	13.24	14.00
Counter and rental clerks and parts salespersons	7.25	8.25	10.90	15.82	21.32
Counter and rental clerks	6.75	7.50	9.50	12.00	17.44
Parts salespersons	8.50	10.29	14.00	17.53	23.41
Retail salespersons	7.15	8.20	10.14	14.00	19.80
Advertising sales agents	8.60	12.67	19.83	27.76	41.82

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					
Insurance sales agents	\$12.50	\$16.25	\$20.87	\$31.94	\$44.06
Securities, commodities, and financial services sales agents	15.39	20.95	36.75	68.16	116.33
Travel agents	7.50	10.43	13.75	18.00	24.81
Sales representatives, wholesale and manufacturing	13.91	18.67	25.48	38.75	53.91
Sales representatives, wholesale and manufacturing, technical and scientific products	17.80	22.59	35.12	46.16	62.02
Sales representatives, wholesale and manufacturing, except technical and scientific products	13.39	17.75	23.08	34.61	47.45
Models, demonstrators, and product promoters	8.95	9.37	12.58	16.25	22.51
Demonstrators and product promoters	8.95	9.37	12.58	16.25	22.51
Real estate brokers and sales agents	11.00	13.05	19.74	29.88	45.75
Real estate brokers	11.21	13.05	13.05	31.51	42.05
Real estate sales agents	10.68	13.84	19.84	27.89	45.75
Sales engineers	21.34	25.06	31.20	41.76	52.70
Telemarketers	7.00	8.01	10.14	13.00	17.01
Miscellaneous sales and related workers	7.80	9.50	12.15	19.50	30.53
Door-to-door sales workers, news and street vendors, and related workers	9.37	10.04	10.92	20.49	23.42
Office and administrative support occupations	9.50	11.30	14.32	18.00	22.43
First-line supervisors/managers of office and administrative support workers	14.33	17.02	20.58	26.25	30.77
Switchboard operators, including answering service	8.33	9.62	10.95	14.00	17.38
Telephone operators	9.00	10.00	13.08	18.88	21.15
Financial clerks	9.76	11.25	14.00	17.00	20.52
Bill and account collectors	8.66	11.53	14.25	17.21	21.75
Billing and posting clerks and machine operators	10.45	11.88	14.04	16.35	19.00
Bookkeeping, accounting, and auditing clerks	10.50	12.36	15.00	18.19	21.36
Gaming cage workers	9.00	10.14	10.81	10.81	12.03
Payroll and timekeeping clerks	12.00	14.62	16.77	20.30	22.74
Procurement clerks	10.71	13.40	16.70	19.50	22.00
Tellers	9.00	9.93	11.02	12.68	14.85
Brokerage clerks	12.25	15.07	17.79	20.44	24.72
Correspondence clerks	10.61	13.47	15.41	18.09	20.68
Court, municipal, and license clerks	10.55	12.43	15.30	18.26	23.39
Credit authorizers, checkers, and clerks	11.06	12.50	13.96	16.85	20.25
Customer service representatives	9.48	11.72	14.60	18.14	23.08
Eligibility interviewers, government programs	11.94	14.13	16.51	19.12	21.51
File clerks	8.30	10.00	11.27	15.00	15.87
Hotel, motel, and resort desk clerks	7.25	8.25	9.30	10.50	12.00
Interviewers, except eligibility and loan	8.18	10.00	11.85	15.00	17.55
Library assistants, clerical	7.76	9.46	11.71	14.50	17.32
Loan interviewers and clerks	11.13	13.00	15.00	17.55	20.90
New accounts clerks	10.30	11.29	13.75	15.84	18.46
Order clerks	9.50	11.00	13.53	17.50	20.98

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					
Human resources assistants, except payroll and timekeeping	\$12.12	\$14.41	\$17.07	\$19.67	\$22.88
Receptionists and information clerks	8.50	10.00	12.00	14.41	17.31
Reservation and transportation ticket agents and travel clerks ...	8.50	9.65	13.85	18.05	20.91
Cargo and freight agents	13.00	14.74	17.86	35.63	38.00
Couriers and messengers	7.98	9.50	10.95	12.50	14.33
Dispatchers	9.50	12.00	15.75	20.30	25.76
Police, fire, and ambulance dispatchers	9.85	12.23	15.37	19.56	23.87
Dispatchers, except police, fire, and ambulance	9.00	11.96	15.89	21.25	26.11
Meter readers, utilities	10.36	12.00	15.62	20.23	26.79
Production, planning, and expediting clerks	12.00	14.50	19.05	23.41	25.78
Shipping, receiving, and traffic clerks	8.50	10.08	12.31	15.25	19.05
Stock clerks and order fillers	7.56	8.95	11.15	13.88	16.80
Weighers, measurers, checkers, and samplers, recordkeeping ...	8.70	9.50	12.09	15.19	17.66
Secretaries and administrative assistants	11.50	14.00	17.07	21.18	26.09
Executive secretaries and administrative assistants	13.65	16.35	19.65	24.21	28.87
Legal secretaries	14.45	15.32	18.50	24.62	31.69
Medical secretaries	10.15	11.90	14.35	17.67	20.50
Secretaries, except legal, medical, and executive	10.60	13.02	15.65	18.73	22.32
Computer operators	10.35	11.92	15.68	18.99	21.99
Data entry and information processing workers	9.92	11.00	13.15	15.86	18.93
Data entry keyers	9.66	11.00	12.53	14.84	17.56
Word processors and typists	10.63	12.51	15.55	17.39	22.83
Desktop publishers	11.59	13.98	18.00	24.45	26.10
Insurance claims and policy processing clerks	10.66	12.50	15.38	18.13	21.55
Mail clerks and mail machine operators, except postal service ..	7.91	10.16	11.18	13.33	15.99
Office clerks, general	9.38	11.02	13.24	16.45	20.00
Office machine operators, except computer	9.00	10.04	12.39	14.25	16.64
Proofreaders and copy markers	8.52	10.35	12.15	14.86	16.91
Statistical assistants	12.19	14.67	18.06	22.23	25.05
Farming, fishing, and forestry occupations					
Graders and sorters, agricultural products	7.00	8.15	10.50	16.10	22.60
Miscellaneous agricultural workers	6.92	8.00	8.60	9.80	14.76
Miscellaneous agricultural workers	7.00	7.50	9.63	13.50	17.00
Farmworkers and laborers, crop, nursery, and greenhouse	7.00	7.50	10.00	15.00	17.43
Forest and conservation workers	7.50	7.66	8.20	17.53	22.44
Logging workers	11.50	13.01	14.70	23.15	24.48
Construction and extraction occupations					
First-line supervisors/managers of construction trades and extraction workers	10.52	13.31	18.00	25.00	32.58
First-line supervisors/managers of construction trades and extraction workers	16.92	20.27	25.00	32.30	38.46
Boilermakers	20.00	20.00	23.97	27.97	29.09
Brickmasons, blockmasons, and stonemasons	18.00	21.00	26.02	29.62	39.85
Brickmasons and blockmasons	18.00	21.58	26.73	31.11	39.85
Carpenters	13.15	15.75	19.42	24.50	32.00
Carpet, floor, and tile installers and finishers	14.00	16.14	18.00	21.00	37.77

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					
Carpet installers	\$17.07	\$17.56	\$20.00	\$37.77	\$37.90
Tile and marble setters	14.00	15.00	16.45	20.00	24.94
Cement masons, concrete finishers, and terrazzo workers	13.03	15.00	19.00	23.50	26.68
Cement masons and concrete finishers	13.00	15.00	19.00	23.50	26.68
Construction laborers	9.00	10.00	13.37	20.32	26.28
Construction equipment operators	11.47	14.00	17.00	24.50	31.95
Paving, surfacing, and tamping equipment operators	10.91	12.00	14.85	18.00	25.00
Operating engineers and other construction equipment operators	12.22	14.27	17.75	26.33	33.47
Drywall installers, ceiling tile installers, and tapers	13.00	15.00	18.00	21.00	28.79
Drywall and ceiling tile installers	12.65	14.50	17.74	20.98	31.25
Tapers	14.00	16.25	18.61	22.88	25.00
Electricians	12.50	15.60	20.85	31.24	37.29
Glaziers	5.50	10.00	16.50	25.49	29.25
Insulation workers	12.00	13.54	16.21	19.50	20.50
Insulation workers, floor, ceiling, and wall	10.00	12.11	14.85	16.21	16.21
Insulation workers, mechanical	13.50	16.73	16.73	20.00	21.00
Painters and paperhangers	10.03	12.25	14.00	18.48	23.74
Painters, construction and maintenance	10.03	12.25	14.00	18.04	23.30
Pipelayers, plumbers, pipefitters, and steamfitters	12.99	16.00	21.32	30.19	34.99
Pipelayers	10.50	12.00	14.00	23.00	27.01
Plumbers, pipefitters, and steamfitters	13.50	17.00	21.57	31.24	35.00
Plasterers and stucco masons	11.80	16.00	16.40	18.00	20.00
Roofers	10.00	12.00	15.50	23.75	28.50
Sheet metal workers	11.25	14.00	17.25	24.47	35.73
Structural iron and steel workers	15.95	20.35	26.75	30.51	53.92
Helpers, construction trades	8.93	10.05	12.00	15.00	20.00
Helpers--brickmasons, blockmasons, stonemasons, and tile and marble setters	8.00	11.00	15.70	22.84	22.84
Helpers--carpenters	9.50	11.74	13.00	15.63	18.00
Helpers--electricians	8.00	9.51	10.47	12.30	13.50
Helpers--painters, paperhangers, plasterers, and stucco masons	8.12	10.00	11.00	11.00	13.00
Helpers--pipelayers, plumbers, pipefitters, and steamfitters ...	9.00	11.00	13.00	15.00	16.00
Helpers--roofers	8.40	9.00	10.50	10.50	12.00
Construction and building inspectors	15.60	18.74	22.64	30.00	33.80
Elevator installers and repairers	25.29	31.31	36.80	50.31	50.31
Hazardous materials removal workers	10.00	11.00	15.61	33.15	33.15
Highway maintenance workers	11.47	12.50	15.65	19.19	22.06
Septic tank servicers and sewer pipe cleaners	12.06	12.91	19.67	21.87	21.87
Miscellaneous construction and related workers	10.00	11.00	15.33	20.85	26.78
Derrick, rotary drill, and service unit operators, oil, gas, and mining	11.81	11.81	21.30	32.36	32.36
Service unit operators, oil, gas, and mining	14.15	17.50	23.00	29.87	29.87
Earth drillers, except oil and gas	14.30	14.30	14.90	18.50	22.80

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					
Mining machine operators	\$18.24	\$19.42	\$20.41	\$25.41	\$25.41
Mine cutting and channeling machine operators	15.50	18.18	19.91	19.91	19.91
Roustabouts, oil and gas	10.52	13.85	16.25	27.90	29.54
Helpers--extraction workers	8.00	10.00	12.50	15.00	17.50
Installation, maintenance, and repair occupations					
First-line supervisors/managers of mechanics, installers, and repairers	11.25	14.57	19.00	25.14	30.18
Computer, automated teller, and office machine repairers	16.03	19.32	25.22	31.43	39.64
Radio and telecommunications equipment installers and repairers	9.89	13.75	17.51	20.19	24.04
Telecommunications equipment installers and repairers, except line installers	18.00	24.66	28.55	30.64	32.98
Miscellaneous electrical and electronic equipment mechanics, installers, and repairers	17.59	24.66	28.55	30.77	32.98
Avionics technicians	11.45	13.74	17.54	25.00	29.61
Electric motor, power tool, and related repairers	7.30	7.75	9.91	16.00	28.44
Electrical and electronics installers and repairers, transportation equipment	11.50	12.00	13.43	16.60	16.60
Electrical and electronics repairers, commercial and industrial equipment	16.50	19.89	24.45	27.68	29.00
Electrical and electronics repairers, powerhouse, substation, and relay	12.50	15.75	21.86	27.82	28.85
Electronic equipment installers and repairers, motor vehicles Electronic home entertainment equipment installers and repairers	18.88	24.84	31.01	35.50	36.27
Security and fire alarm systems installers	12.00	12.01	17.00	17.00	23.48
Aircraft mechanics and service technicians	10.05	11.83	12.41	17.00	23.00
Automotive technicians and repairers	13.00	16.90	18.00	22.37	25.70
Automotive body and related repairers	18.10	22.43	26.94	29.92	40.13
Automotive glass installers and repairers	10.39	13.18	17.34	22.01	27.33
Automotive service technicians and mechanics	11.50	13.28	16.00	19.00	24.78
Bus and truck mechanics and diesel engine specialists	12.52	13.50	17.43	20.45	21.50
Heavy vehicle and mobile equipment service technicians and mechanics	10.00	13.08	18.00	22.50	27.54
Farm equipment mechanics	13.50	15.95	19.00	22.77	27.21
Mobile heavy equipment mechanics, except engines	13.25	15.85	19.00	21.87	26.00
Rail car repairers	10.00	14.16	15.97	18.73	21.50
Small engine mechanics	14.00	16.50	19.97	22.76	26.13
Motorboat mechanics	16.35	19.01	22.77	26.15	29.63
Motorcycle mechanics	10.75	13.50	16.00	18.50	21.00
Outdoor power equipment and other small engine mechanics Miscellaneous vehicle and mobile equipment mechanic, installers, and repairers	10.00	11.25	17.00	19.50	20.25
Tire repairers and changers	11.00	14.00	14.72	17.49	27.50
	13.00	14.55	16.00	17.71	21.00
	7.50	8.71	9.80	11.50	13.87
	7.75	8.71	9.97	11.85	13.00

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					
Control and valve installers and repairers	\$11.57	\$15.00	\$19.53	\$24.69	\$31.24
Control and valve installers and repairers, except mechanical door	12.56	17.08	21.15	26.58	31.24
Heating, air conditioning, and refrigeration mechanics and installers	12.67	16.00	19.25	24.50	30.00
Home appliance repairers	10.84	14.54	18.37	22.82	27.21
Industrial machinery installation, repair, and maintenance workers	12.00	15.00	18.49	23.00	28.75
Industrial machinery mechanics	15.50	18.38	21.51	27.05	32.20
Maintenance and repair workers, general	10.49	12.90	16.67	20.77	26.91
Maintenance workers, machinery	12.49	14.29	16.00	20.28	24.78
Millwrights	16.20	17.71	22.77	27.09	31.96
Refractory materials repairers, except brickmasons	16.07	17.31	20.14	23.19	23.19
Line installers and repairers	16.00	22.34	27.69	29.80	31.90
Electrical power-line installers and repairers	17.37	22.87	27.80	31.27	35.27
Telecommunications line installers and repairers	15.50	22.00	27.65	29.63	30.18
Precision instrument and equipment repairers	11.75	15.10	19.95	27.69	31.85
Medical equipment repairers	10.68	15.10	18.44	26.28	27.69
Miscellaneous installation, maintenance, and repair workers	9.00	11.25	14.27	18.45	23.95
Coin, vending, and amusement machine servicers and repairers	11.00	11.67	14.33	17.38	19.57
Locksmiths and safe repairers	12.00	12.77	14.00	23.19	25.46
Manufactured building and mobile home installers	9.00	10.00	10.00	14.40	16.00
Riggers	10.93	11.50	23.00	23.00	26.50
Helpers--installation, maintenance, and repair workers	8.00	9.75	11.87	14.27	17.93
Production occupations	8.50	10.50	13.95	18.75	25.25
First-line supervisors/managers of production and operating workers	14.79	18.27	22.47	28.07	33.74
Aircraft structure, surfaces, rigging, and systems assemblers	12.95	17.36	22.94	28.06	30.83
Electrical, electronics, and electromechanical assemblers	9.00	10.50	12.17	15.33	19.72
Coil winders, tapers, and finishers	8.75	8.76	10.81	13.00	15.43
Electrical and electronic equipment assemblers	9.00	10.50	12.05	15.04	20.46
Electromechanical equipment assemblers	9.59	10.76	13.89	16.92	19.77
Engine and other machine assemblers	11.25	14.75	18.57	25.60	28.53
Structural metal fabricators and fitters	10.35	12.67	15.50	18.00	25.92
Miscellaneous assemblers and fabricators	8.00	10.00	12.96	18.50	28.45
Fiberglass laminators and fabricators	10.98	12.00	12.38	13.20	15.00
Team assemblers	9.50	11.37	14.95	28.64	28.85
Bakers	7.93	9.25	11.50	14.00	18.13
Butchers and other meat, poultry, and fish processing workers	7.45	9.06	11.65	14.84	18.75
Butchers and meat cutters	8.00	12.00	15.25	18.20	21.00
Meat, poultry, and fish cutters and trimmers	6.80	7.95	9.10	10.55	12.15
Slaughterers and meat packers	8.80	10.10	11.56	12.15	13.90
Miscellaneous food processing workers	8.00	9.25	12.52	16.02	18.67

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					
Food and tobacco roasting, baking, and drying machine operators and tenders	\$8.03	\$8.59	\$12.21	\$16.02	\$18.40
Food batchmakers	8.00	10.25	13.79	17.26	18.72
Food cooking machine operators and tenders	7.00	8.75	11.10	12.52	17.35
Computer control programmers and operators	11.54	13.50	17.05	20.12	25.00
Computer-controlled machine tool operators, metal and plastic	11.39	12.75	16.41	19.10	23.25
Numerical tool and process control programmers	17.50	19.67	22.83	31.80	32.55
Forming machine setters, operators, and tenders, metal and plastic	9.00	11.81	14.47	17.61	19.45
Extruding and drawing machine setters, operators, and tenders, metal and plastic	8.48	12.00	14.47	17.25	18.83
Forging machine setters, operators, and tenders, metal and plastic	9.25	11.70	12.74	16.50	20.65
Rolling machine setters, operators, and tenders, metal and plastic	10.90	12.34	16.18	18.50	20.17
Machine tool cutting setters, operators, and tenders, metal and plastic	8.93	10.50	13.42	17.50	20.56
Cutting, punching, and press machine setters, operators, and tenders, metal and plastic	8.75	10.12	12.94	16.24	19.76
Drilling and boring machine tool setters, operators, and tenders, metal and plastic	8.50	10.35	13.00	16.60	22.19
Grinding, lapping, polishing, and buffing machine tool setters, operators, and tenders, metal and plastic	9.50	10.50	13.07	16.43	19.00
Lathe and turning machine tool setters, operators, and tenders, metal and plastic	10.00	13.00	16.67	19.69	25.03
Milling and planing machine setters, operators, and tenders, metal and plastic	7.55	14.30	18.05	20.79	22.55
Machinists	14.00	16.30	20.25	24.00	28.28
Metal furnace and kiln operators and tenders	11.50	16.30	17.38	19.93	23.95
Metal-refining furnace operators and tenders	11.25	14.25	18.22	20.50	23.95
Pourers and casters, metal	12.18	17.10	17.10	18.58	19.58
Model makers and patternmakers, metal and plastic	13.53	14.65	20.04	30.28	33.78
Model makers, metal and plastic	14.65	16.91	24.62	30.28	33.78
Patternmakers, metal and plastic	12.50	13.53	15.00	20.04	34.37
Molders and molding machine setters, operators, and tenders, metal and plastic	8.25	10.57	12.25	15.37	19.42
Foundry mold and coremakers	12.68	14.25	15.74	17.94	28.93
Molding, coremaking, and casting machine setters, operators, and tenders, metal and plastic	8.25	10.37	12.10	15.00	19.28
Multiple machine tool setters, operators, and tenders, metal and plastic	9.74	12.23	15.99	19.86	24.93
Tool and die makers	17.25	20.17	24.13	27.62	32.68
Welding, soldering, and brazing workers	11.05	12.93	16.09	19.78	25.00
Welders, cutters, solderers, and brazers	11.50	12.95	16.30	19.89	24.72

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					
Welding, soldering, and brazing machine setters, operators, and tenders	\$10.25	\$11.75	\$15.50	\$18.34	\$25.83
Miscellaneous metalworkers and plastic workers	7.50	10.94	14.51	17.93	22.25
Heat treating equipment setters, operators, and tenders, metal and plastic	8.50	13.52	16.06	20.30	23.19
Lay-out workers, metal and plastic	14.00	14.75	16.25	18.60	34.76
Plating and coating machine setters, operators, and tenders, metal and plastic	9.00	10.50	14.00	19.00	24.58
Tool grinders, filers, and sharpeners	8.50	13.35	16.12	18.68	24.00
Bookbinders and bindery workers	8.00	9.00	12.00	16.58	18.46
Bindery workers	8.00	9.00	12.00	16.58	18.46
Printers	10.01	12.48	16.48	20.00	23.40
Job printers	10.20	14.00	18.00	21.00	22.23
Prepress technicians and workers	10.66	13.23	16.46	19.28	23.25
Printing machine operators	9.75	12.00	16.00	19.86	23.63
Laundry and dry-cleaning workers	7.50	8.24	9.66	11.00	14.31
Pressers, textile, garment, and related materials	6.50	8.00	9.30	11.33	11.50
Sewing machine operators	7.00	8.01	9.89	13.68	16.28
Tailors, dressmakers, and sewers	8.91	10.00	12.14	18.00	23.08
Sewers, hand	8.10	10.00	13.16	23.08	23.08
Tailors, dressmakers, and custom sewers	8.91	10.00	12.14	16.91	22.77
Textile machine setters, operators, and tenders	8.50	10.00	11.46	13.06	16.16
Textile bleaching and dyeing machine operators and tenders	9.25	10.00	11.82	15.05	20.15
Textile cutting machine setters, operators, and tenders	8.00	8.03	10.25	12.02	18.27
Textile knitting and weaving machine setters, operators, and tenders	9.25	10.15	12.10	13.42	15.10
Textile winding, twisting, and drawing out machine setters, operators, and tenders	9.34	10.35	11.68	12.70	15.59
Miscellaneous textile, apparel, and furnishings workers	8.25	10.00	11.47	16.45	20.00
Extruding and forming machine setters, operators, and tenders, synthetic and glass fibers	10.85	13.27	16.80	19.03	19.03
Fabric and apparel patternmakers	15.47	16.08	18.80	23.75	33.75
Upholsterers	8.75	10.50	15.45	19.02	22.42
Cabinetmakers and bench carpenters	9.99	11.00	13.00	16.00	17.50
Furniture finishers	8.00	10.27	12.03	15.50	17.25
Model makers and patternmakers, wood	12.30	15.84	22.00	22.00	22.10
Woodworking machine setters, operators, and tenders	8.25	10.48	12.45	14.45	16.10
Sawing machine setters, operators, and tenders, wood	7.75	9.50	11.35	13.48	16.50
Woodworking machine setters, operators, and tenders, except sawing	9.00	11.30	13.36	14.60	16.00
Power plant operators, distributors, and dispatchers	19.53	26.40	29.91	31.15	36.04
Power distributors and dispatchers	21.02	29.26	33.43	36.88	41.01
Power plant operators	17.50	22.00	27.60	29.91	33.32
Stationary engineers and boiler operators	14.85	20.31	25.07	30.77	35.48
Water and liquid waste treatment plant and system operators	12.46	15.03	18.15	21.96	27.38

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 plant and system operators	\$17.31	\$21.88	\$26.40	\$29.88	\$32.12
Chemical plant and system operators	16.75	19.46	25.13	28.60	29.87
Gas plant operators	23.90	26.59	32.12	32.12	32.12
Petroleum pump system operators, refinery operators, and gaugers	9.50	25.33	27.58	29.88	31.79
Chemical processing machine setters, operators, and tenders	10.75	15.00	19.90	25.75	27.31
Chemical equipment operators and tenders	10.00	13.00	18.25	23.84	26.04
Separating, filtering, clarifying, precipitating, and still machine setters, operators, and tenders	12.93	16.77	20.03	25.79	27.31
Crushing, grinding, polishing, mixing, and blending workers	10.00	12.00	15.32	19.19	22.13
Crushing, grinding, and polishing machine setters, operators, and tenders	9.75	12.00	16.75	19.55	28.57
Grinding and polishing workers, hand	8.50	10.42	12.50	14.75	18.62
Mixing and blending machine setters, operators, and tenders	10.75	13.05	16.45	20.56	22.80
Cutting workers	8.56	10.84	13.63	16.40	18.41
Cutters and trimmers, hand	8.13	10.65	13.63	16.32	18.00
Cutting and slicing machine setters, operators, and tenders	8.65	11.00	13.63	16.40	19.01
Extruding, forming, pressing, and compacting machine setters, operators, and tenders	8.52	10.00	13.09	16.25	21.82
Furnace, kiln, oven, drier, and kettle operators and tenders	9.00	11.31	13.19	16.73	26.37
Inspectors, testers, sorters, samplers, and weighers	9.00	10.82	14.37	19.25	25.10
Medical, dental, and ophthalmic laboratory technicians	9.48	11.28	14.75	16.37	22.00
Dental laboratory technicians	10.75	14.00	15.40	18.00	23.21
Ophthalmic laboratory technicians	8.00	9.48	12.88	15.02	17.09
Packaging and filling machine operators and tenders	9.00	11.26	14.43	17.63	22.95
Painting workers	9.25	11.01	13.92	17.68	21.50
Coating, painting, and spraying machine setters, operators, and tenders	9.50	11.00	13.00	16.00	18.56
Painters, transportation equipment	12.00	14.00	17.94	21.72	27.97
Painting, coating, and decorating workers	6.75	9.15	13.00	14.99	17.30
Photographic process workers and processing machine operators	7.28	8.96	10.50	13.55	16.26
Photographic process workers	9.30	10.09	11.00	14.25	26.80
Photographic processing machine operators	7.13	7.50	9.75	13.55	15.54
Semiconductor processors	11.44	13.70	16.53	19.10	21.67
Miscellaneous production workers	8.00	9.15	11.48	15.78	21.03
Cementing and gluing machine operators and tenders	8.25	8.84	11.10	15.00	17.87
Cleaning, washing, and metal pickling equipment operators and tenders	10.00	11.50	11.50	23.16	29.28
Etchers and engravers	13.68	13.84	14.06	20.75	29.39
Molders, shapers, and casters, except metal and plastic	7.38	8.50	12.50	14.91	17.64
Paper goods machine setters, operators, and tenders	8.25	10.26	16.30	20.63	26.61
Tire builders	11.27	13.82	15.35	19.61	22.09
Helpers--production workers	7.85	9.00	10.75	12.88	16.74

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	\$7.78	\$9.64	\$13.00	\$17.48	\$22.50
First-line supervisors/managers of helpers, laborers, and material movers, hand	12.29	14.99	18.90	23.41	28.77
First-line supervisors/managers of transportation and material-moving machine and vehicle operators	14.90	18.14	22.96	26.92	31.64
Aircraft pilots and flight engineers	28.73	34.40	95.18	144.02	160.32
Airline pilots, copilots, and flight engineers	48.99	89.01	122.95	152.28	172.89
Commercial pilots	18.54	28.73	31.14	34.40	50.97
Ambulance drivers and attendants, except emergency medical technicians	10.00	10.05	12.54	14.86	18.08
Bus drivers	10.00	11.63	14.25	17.69	23.52
Bus drivers, transit and intercity	10.20	11.63	15.50	22.11	25.89
Bus drivers, school	10.00	11.87	13.85	16.58	19.01
Driver/sales workers and truck drivers	9.23	12.00	15.50	19.95	24.26
Driver/sales workers	6.25	7.50	12.60	19.08	23.13
Truck drivers, heavy and tractor-trailer	11.80	14.00	16.50	20.60	24.61
Truck drivers, light or delivery services	8.30	10.00	13.00	17.74	26.00
Taxi drivers and chauffeurs	7.15	8.50	9.81	12.00	14.00
Subway and streetcar operators	18.80	23.54	26.55	27.68	27.68
Sailors and marine oilers	8.75	10.00	12.00	14.38	16.67
Ship and boat captains and operators	13.75	15.00	19.51	30.42	36.08
Captains, mates, and pilots of water vessels	15.00	16.50	19.94	32.13	38.06
Ship engineers	21.13	26.53	27.33	45.05	46.08
Bridge and lock tenders	14.16	14.96	17.63	18.00	18.00
Parking lot attendants	6.24	7.23	8.10	9.65	11.00
Service station attendants	7.00	8.00	9.25	13.30	18.09
Transportation inspectors	15.55	20.44	22.65	28.90	30.40
Conveyor operators and tenders	8.75	9.25	14.37	15.79	26.92
Crane and tower operators	13.10	15.35	18.76	22.84	29.31
Dredge, excavating, and loading machine operators	11.00	13.38	16.00	18.50	23.53
Excavating and loading machine and dragline operators	11.00	13.25	16.00	18.00	22.95
Hoist and winch operators	8.75	11.15	20.28	20.28	20.43
Industrial truck and tractor operators	9.50	11.11	13.79	16.84	21.99
Laborers and material movers, hand	7.15	8.07	10.00	12.75	16.27
Cleaners of vehicles and equipment	7.15	8.00	9.00	11.20	13.75
Laborers and freight, stock, and material movers, hand	7.50	8.50	10.50	13.45	17.38
Machine feeders and offbearers	8.00	8.75	10.68	12.70	15.72
Packers and packagers, hand	6.64	7.50	8.78	11.09	13.50
Pumping station operators	15.75	20.29	22.36	22.36	26.61
Refuse and recyclable material collectors	7.70	9.17	11.05	16.00	19.52
Tank car, truck, and ship loaders	13.50	15.50	19.63	24.52	27.85

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.