

Table 19

Full-time private industry workers: Hourly wage percentiles¹

Occupation ²	Wages fall at or below the following percentiles				
	10	25	50	75	90
All workers	\$8.70	\$11.25	\$16.15	\$24.76	\$36.50
Management occupations	19.81	26.28	36.69	51.53	67.16
Chief executives	28.85	55.34	75.48	96.15	168.22
General and operations managers	20.01	27.36	39.89	56.25	81.17
Advertising and promotions managers	18.27	22.83	27.25	37.69	58.43
Marketing and sales managers	24.45	31.87	43.27	57.50	76.92
Marketing managers	27.89	34.64	46.47	61.33	79.33
Sales managers	23.08	29.18	40.14	55.86	72.05
Public relations managers	18.13	20.31	34.19	55.29	73.54
Administrative services managers	18.65	22.66	29.33	35.10	45.80
Computer and information systems managers	31.39	41.63	50.97	63.61	72.99
Financial managers	20.67	26.44	36.20	51.51	70.66
Human resources managers	22.85	26.32	27.40	40.50	56.25
Compensation and benefits managers	22.85	28.17	38.08	44.53	63.89
Training and development managers	26.32	26.32	26.32	31.98	40.39
Industrial production managers	22.56	28.85	40.48	46.41	56.21
Purchasing managers	21.50	27.87	37.95	48.79	72.09
Transportation, storage, and distribution managers	19.69	23.42	32.22	46.50	58.13
Construction managers	21.15	27.33	35.00	42.51	54.22
Education administrators	14.19	20.75	27.03	33.65	49.83
Education administrators, preschool and child care center/program	12.00	15.22	21.90	29.57	29.57
Education administrators, elementary and secondary school ..	26.86	28.15	34.10	43.25	52.89
Education administrators, postsecondary	21.46	24.33	31.28	47.86	62.36
Engineering managers	36.00	44.19	54.58	63.35	70.15
Food service managers	15.62	17.31	21.92	28.84	43.41
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	21.84	28.23	35.01	46.17	57.00
Natural sciences managers	30.05	36.35	54.97	56.41	58.78
Property, real estate, and community association managers	13.85	19.87	25.00	30.14	38.46
Social and community service managers	17.07	19.11	23.22	31.94	34.05
Business and financial operations occupations	17.59	21.35	27.12	34.81	45.59
Buyers and purchasing agents	18.50	21.32	25.59	32.72	41.46
Purchasing agents and buyers, farm products	21.25	23.81	37.06	40.14	44.09
Wholesale and retail buyers, except farm products	17.30	21.15	25.58	33.88	42.73
Purchasing agents, except wholesale, retail, and farm products	18.82	21.28	25.91	32.20	40.00
Claims adjusters, appraisers, examiners, and investigators	16.71	19.67	24.04	31.25	39.32
Claims adjusters, examiners, and investigators	16.73	19.50	23.60	31.25	39.32
Insurance appraisers, auto damage	16.53	24.90	27.75	30.00	32.21
Compliance officers, except agriculture, construction, health and safety, and transportation	18.04	22.57	22.57	31.85	34.44
Cost estimators	18.28	21.54	29.00	40.00	46.53
Human resources, training, and labor relations specialists	17.98	20.45	25.75	31.83	38.46

See footnotes at end of table.

Table 19 Full-time private industry 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					
Employment, recruitment, and placement specialists	\$17.41	\$19.16	\$24.18	\$36.33	\$39.47
Compensation, benefits, and job analysis specialists	16.01	19.23	25.43	32.97	39.87
Training and development specialists	16.25	18.00	24.73	31.60	33.80
Logisticians	18.94	20.28	30.07	38.01	45.83
Management analysts	21.45	26.08	34.66	44.88	53.69
Meeting and convention planners	16.83	19.23	23.54	25.64	27.39
Accountants and auditors	17.58	21.15	26.59	33.50	42.11
Appraisers and assessors of real estate	16.73	16.73	23.11	34.46	34.46
Budget analysts	23.75	27.04	27.65	40.04	48.16
Credit analysts	17.79	20.80	24.74	31.25	39.53
Financial analysts and advisors	18.99	23.26	29.81	38.93	55.66
Financial analysts	21.83	25.48	31.37	40.87	60.10
Personal financial advisors	14.39	19.13	22.54	35.82	52.89
Insurance underwriters	18.29	21.35	29.67	38.08	52.14
Financial examiners	21.03	25.84	29.20	33.73	53.11
Loan counselors and officers	14.89	16.83	24.39	37.62	77.48
Loan counselors	11.30	14.65	14.65	23.89	62.36
Loan officers	14.89	17.31	25.00	38.70	77.48
Computer and mathematical science occupations					
Computer and information scientists, research	20.14	26.44	35.26	43.63	51.87
Computer programmers	25.61	34.86	45.53	56.49	63.61
Computer software engineers	22.41	26.02	33.28	39.21	48.08
Computer software engineers, applications	27.88	34.77	42.25	48.81	57.12
Computer software engineers, systems software	27.64	33.73	42.01	48.10	55.53
Computer software engineers, systems software	30.29	36.00	42.45	49.13	58.44
Computer support specialists	14.02	17.64	22.16	31.26	41.59
Computer systems analysts	25.86	31.01	37.67	44.27	51.83
Database administrators	20.35	22.76	32.66	40.87	48.97
Network and computer systems administrators	20.19	23.96	30.17	37.90	44.04
Network systems and data communications analysts	21.64	24.07	31.25	38.97	46.92
Actuaries	25.91	32.46	39.46	49.10	56.51
Operations research analysts	21.40	25.30	32.22	43.27	47.45
Statisticians	18.03	22.19	31.59	50.01	50.48
Architecture and engineering occupations					
Architecture and engineering occupations	18.26	24.04	31.73	41.14	50.14
Architects, except naval	20.67	24.04	28.85	40.11	45.12
Architects, except landscape and naval	20.67	24.04	28.85	40.11	45.12
Surveyors, cartographers, and photogrammetrists	16.00	19.67	27.23	35.51	50.19
Surveyors	18.75	21.88	29.20	40.00	53.00
Engineers	25.80	30.91	37.73	45.86	54.40
Aerospace engineers	30.54	37.50	48.51	54.53	64.05
Chemical engineers	26.76	31.28	33.98	50.48	55.75
Civil engineers	22.50	26.44	33.89	42.10	48.56
Computer hardware engineers	26.44	32.24	43.83	50.48	62.41
Electrical and electronics engineers	25.54	31.87	37.64	45.19	54.09

See footnotes at end of table.

Table 19 Full-time private industry 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					
Electrical engineers	\$23.80	\$31.87	\$37.20	\$44.51	\$52.89
Electronics engineers, except computer	27.63	32.09	38.19	45.33	54.90
Environmental engineers	29.33	33.80	40.81	51.50	65.00
Industrial engineers, including health and safety	25.80	29.34	34.64	41.06	49.57
Health and safety engineers, except mining safety engineers and inspectors	28.90	31.66	35.80	49.57	56.66
Industrial engineers	24.76	29.10	34.16	40.20	46.64
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	24.87	28.54	33.65	39.74	46.23
Nuclear engineers	34.40	37.66	41.12	45.33	50.88
Petroleum engineers	27.79	36.72	46.88	61.25	77.31
Drafters	14.42	18.27	22.16	28.57	32.83
Architectural and civil drafters	14.42	19.00	23.76	28.57	32.53
Electrical and electronics drafters	12.75	16.81	22.34	25.74	30.23
Mechanical drafters	15.76	18.84	21.79	27.25	32.00
Engineering technicians, except drafters	14.59	18.68	23.51	28.18	33.76
Aerospace engineering and operations technicians	20.00	23.97	26.09	29.57	33.58
Civil engineering technicians	10.00	12.50	14.80	20.20	25.76
Electrical and electronic engineering technicians	14.59	17.68	23.91	28.11	31.07
Electro-mechanical technicians	18.94	22.83	26.45	28.56	32.23
Environmental engineering technicians	13.00	16.35	38.25	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	17.80	24.76	36.06
Life, physical, and social science occupations	16.63	20.82	27.59	38.50	49.82
Life scientists	17.79	21.64	31.62	41.63	55.35
Agricultural and food scientists	18.27	22.71	31.51	42.96	42.96
Food scientists and technologists	22.71	22.71	39.92	42.96	42.96
Biological scientists	17.77	22.97	34.28	40.39	52.18
Biochemists and biophysicists	17.65	26.92	38.11	41.83	57.21
Microbiologists	18.93	23.10	27.67	40.11	40.11
Conservation scientists and foresters	16.35	17.55	26.00	26.56	46.41
Foresters	16.35	17.55	26.00	26.56	46.41
Medical scientists	17.79	21.12	27.45	42.56	56.68
Physical scientists	20.82	26.65	33.41	42.40	53.82
Astronomers and physicists	29.77	42.22	46.00	48.95	73.73
Physicists	29.77	42.22	46.00	48.95	73.73
Chemists and materials scientists	20.82	24.77	29.49	38.86	54.33
Chemists	20.82	23.33	28.09	36.97	48.90
Materials scientists	26.92	30.33	40.10	49.87	58.89
Environmental scientists and geoscientists	22.30	27.20	34.89	41.88	53.82
Environmental scientists and specialists, including health ..	23.53	25.80	32.89	40.46	46.26
Geoscientists, except hydrologists and geographers	25.00	34.89	41.29	52.89	61.54

See footnotes at end of table.

Table 19 Full-time private industry 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					
Economists	\$21.44	\$22.22	\$26.67	\$40.93	\$96.15
Market and survey researchers	20.19	23.87	28.86	43.68	51.78
Market research analysts	19.95	23.87	28.86	43.68	51.78
Psychologists	17.39	17.39	20.72	32.00	58.97
Clinical, counseling, and school psychologists	17.39	17.39	21.20	40.67	58.97
Miscellaneous social scientists and related workers	21.35	24.16	31.93	48.38	57.78
Agricultural and food science technicians	9.00	11.00	16.47	20.70	26.50
Biological technicians	12.06	15.18	18.92	23.55	27.75
Chemical technicians	14.50	17.19	21.50	26.76	32.90
Geological and petroleum technicians	33.99	36.88	36.88	45.58	50.96
Nuclear technicians	30.26	30.59	34.68	42.08	43.10
Social science research assistants	15.99	20.62	23.06	23.39	24.38
Miscellaneous life, physical, and social science technicians	14.43	16.07	21.00	30.59	30.59
Environmental science and protection technicians, including health	15.75	21.00	30.59	30.59	30.59
Community and social services occupations					
Counselors	11.03	13.40	16.35	20.54	26.40
Substance abuse and behavioral disorder counselors	11.13	13.94	17.00	20.67	27.35
Educational, vocational, and school counselors	12.60	13.82	16.93	19.97	20.77
Mental health counselors	12.00	14.45	18.27	23.29	34.88
Rehabilitation counselors	11.13	15.74	18.60	21.75	28.72
Social workers	10.20	10.80	14.00	17.16	17.85
Child, family, and school social workers	13.34	14.97	17.74	22.54	28.50
Medical and public health social workers	12.98	14.36	16.35	19.78	24.24
Mental health and substance abuse social workers	15.53	18.03	23.00	28.18	32.05
Miscellaneous community and social service specialists	13.50	14.42	16.81	20.71	25.70
Health educators	9.50	11.50	14.13	17.37	21.64
Social and human service assistants	21.97	23.95	40.53	41.00	45.12
Clergy	9.02	10.46	12.88	15.38	16.88
Directors, religious activities and education	12.18	12.18	14.42	16.90	22.04
Directors, religious activities and education	19.19	19.19	20.11	22.24	49.78
Legal occupations					
Lawyers	16.33	19.33	30.68	52.45	78.75
Paralegals and legal assistants	26.92	34.62	52.45	75.42	95.60
Miscellaneous legal support workers	15.00	17.00	19.63	28.30	34.62
Title examiners, abstractors, and searchers	14.00	16.62	21.64	26.25	32.77
Title examiners, abstractors, and searchers	13.69	16.62	22.13	26.25	32.77
Education, training, and library occupations					
Postsecondary teachers	9.27	12.22	21.62	33.50	49.07
Business teachers, postsecondary	23.74	29.09	39.48	53.72	80.35
Math and computer teachers, postsecondary	25.75	25.75	39.52	67.41	90.55
Computer science teachers, postsecondary	23.52	32.44	34.37	46.92	62.37
Mathematical science teachers, postsecondary	20.27	23.52	28.77	41.24	57.95
Engineering and architecture teachers, postsecondary	32.62	32.62	37.65	47.68	68.42
Engineering and architecture teachers, postsecondary	37.24	54.70	80.94	87.91	98.12

See footnotes at end of table.

Table 19 Full-time private industry 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					
Engineering teachers, postsecondary	\$37.24	\$53.20	\$80.94	\$88.01	\$98.12
Life sciences teachers, postsecondary	29.36	39.09	46.19	52.71	99.25
Biological science teachers, postsecondary	29.14	39.09	46.19	52.71	100.76
Physical sciences teachers, postsecondary	35.26	43.85	51.88	67.18	85.15
Chemistry teachers, postsecondary	36.16	42.63	51.66	64.93	86.43
Physics teachers, postsecondary	43.85	50.39	53.56	85.15	85.15
Social sciences teachers, postsecondary	30.29	32.82	40.57	53.72	69.35
Economics teachers, postsecondary	35.25	39.06	56.39	66.67	86.15
Political science teachers, postsecondary	25.89	40.55	41.95	41.95	54.79
Psychology teachers, postsecondary	30.29	33.50	42.74	54.80	74.42
Sociology teachers, postsecondary	30.77	37.06	39.47	53.02	91.80
Health teachers, postsecondary	27.23	31.42	55.29	80.81	114.64
Health specialties teachers, postsecondary	26.30	49.45	69.35	93.90	130.04
Nursing instructors and teachers, postsecondary	27.69	28.84	31.24	36.40	41.00
Education and library science teachers, postsecondary	29.49	32.18	39.48	39.79	55.51
Education teachers, postsecondary	29.49	32.18	39.48	39.79	55.51
Law, criminal justice, and social work teachers, postsecondary	29.08	31.35	58.66	85.26	99.05
Law teachers, postsecondary	52.03	58.66	74.38	88.46	114.91
Arts, communications, and humanities teachers, postsecondary	26.53	30.10	40.00	46.81	59.29
Art, drama, and music teachers, postsecondary	26.53	31.86	40.43	40.65	51.52
Communications teachers, postsecondary	20.55	20.55	25.02	57.45	72.40
English language and literature teachers, postsecondary	28.11	32.24	39.38	46.43	71.61
Foreign language and literature teachers, postsecondary	34.97	38.39	48.04	52.44	78.12
History teachers, postsecondary	28.13	29.36	32.33	47.43	51.90
Philosophy and religion teachers, postsecondary	25.58	29.50	38.28	48.66	57.00
Miscellaneous postsecondary teachers	18.85	23.80	29.83	42.10	61.94
Recreation and fitness studies teachers, postsecondary	24.53	26.97	30.10	30.10	32.26
Vocational education teachers, postsecondary	16.83	20.88	23.80	23.91	32.27
Primary, secondary, and special education school teachers	9.50	12.76	18.41	28.30	35.57
Preschool and kindergarten teachers	8.45	10.00	12.76	15.50	21.08
Preschool teachers, except special education	8.40	10.00	12.75	15.39	20.14
Kindergarten teachers, except special education	12.68	12.68	14.99	19.84	22.81
Elementary and middle school teachers	15.64	19.44	24.15	30.76	35.57
Elementary school teachers, except special education	16.38	19.44	23.87	29.85	35.42
Middle school teachers, except special and vocational education	12.04	19.26	25.85	31.98	40.68
Secondary school teachers	17.36	23.56	30.95	38.50	51.70
Secondary school teachers, except special and vocational education	19.61	23.93	31.48	38.78	51.91
Special education teachers	17.51	20.12	25.44	30.49	45.48
Special education teachers, preschool, kindergarten, and elementary school	17.55	19.90	25.44	26.39	31.94
Special education teachers, secondary school	9.94	23.84	37.46	51.61	51.70

See footnotes at end of table.

Table 19 Full-time private industry 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					
Other teachers and instructors	\$9.40	\$16.61	\$22.15	\$32.20	\$40.85
Adult literacy, remedial education, and GED teachers and instructors	16.95	18.50	18.50	22.66	25.51
Archivists, curators, and museum technicians	14.28	23.85	26.02	30.17	38.51
Librarians	19.40	21.62	27.92	38.55	51.65
Library technicians	12.65	14.90	16.01	23.44	26.38
Instructional coordinators	16.06	18.89	26.00	31.13	37.50
Teacher assistants	8.00	9.00	9.85	11.54	12.64
Arts, design, entertainment, sports, and media occupations					
Artists and related workers	12.00	16.34	21.57	30.90	44.10
Art directors	15.00	19.23	21.79	30.05	45.08
Multi-media artists and animators	16.34	21.79	27.35	34.48	47.07
Designers	18.00	19.50	21.56	26.63	37.49
Commercial and industrial designers	12.00	15.87	20.30	27.37	39.42
Fashion designers	21.64	26.00	33.65	40.33	43.82
Floral designers	20.00	26.44	44.23	60.10	137.36
Graphic designers	8.75	9.90	10.25	12.00	15.00
Interior designers	13.46	16.12	19.23	24.91	30.29
Merchandise displayers and window trimmers	16.63	18.98	23.50	28.00	37.45
Set and exhibit designers	10.00	11.25	15.10	19.64	23.95
Actors, producers, and directors	17.31	19.26	33.97	55.00	65.00
Producers and directors	12.88	17.43	25.66	48.08	67.08
Athletes, coaches, umpires, and related workers	12.88	17.43	25.66	48.08	67.50
Coaches and scouts	11.50	15.00	22.25	32.86	43.27
Musicians, singers, and related workers	11.23	14.25	22.25	31.73	42.02
Musicians and singers	20.90	26.68	31.86	41.33	54.15
Announcers	28.34	30.02	32.23	49.53	56.50
Radio and television announcers	14.42	15.81	20.36	48.08	93.75
News analysts, reporters and correspondents	14.42	16.35	24.04	48.08	93.75
Reporters and correspondents	10.80	13.85	22.72	36.72	70.61
Public relations specialists	10.80	13.46	21.69	32.99	62.57
Writers and editors	18.82	20.32	25.80	31.14	39.40
Editors	15.35	19.01	25.48	33.48	45.69
Technical writers	14.58	19.01	22.35	30.78	42.02
Writers and authors	16.26	23.93	30.33	40.58	49.25
Miscellaneous media and communication workers	12.34	16.63	17.54	34.62	102.56
Interpreters and translators	13.30	18.94	21.29	27.45	30.00
Broadcast and sound engineering technicians and radio operators	8.55	17.31	21.29	30.00	30.00
Audio and video equipment technicians	10.40	15.82	21.02	31.15	36.09
Broadcast technicians	12.65	14.68	19.35	24.41	27.81
Photographers	9.00	15.39	16.95	31.15	35.74
Television, video, and motion picture camera operators and editors	8.92	9.38	14.75	16.00	23.34
	12.49	14.92	20.48	25.24	34.38

See footnotes at end of table.

Table 19 Full-time private industry 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					
Camera operators, television, video, and motion picture	\$11.45	\$14.31	\$14.92	\$26.67	\$47.04
Healthcare practitioner and technical occupations					
Dentists	14.56	18.92	25.50	33.54	47.77
Dentists, general	41.75	50.48	50.48	109.17	127.20
Dentists, general	42.77	50.48	52.88	109.17	127.20
Dietitians and nutritionists	17.38	20.16	21.64	28.50	33.11
Optometrists	43.06	43.21	56.25	64.42	64.42
Pharmacists	44.29	47.60	50.25	52.00	55.00
Physicians and surgeons	23.46	29.33	75.18	102.28	170.36
Anesthesiologists	24.24	69.93	85.53	95.35	115.39
Family and general practitioners	47.91	66.88	79.33	198.33	225.11
Internists, general	22.29	22.80	67.53	81.16	139.20
Pediatricians, general	24.99	24.99	65.00	85.94	98.96
Surgeons	30.65	60.77	60.77	147.31	147.31
Physician assistants	25.67	33.31	38.14	45.25	52.89
Registered nurses	21.57	24.75	29.00	34.83	41.20
Therapists	18.72	23.32	27.88	33.16	38.57
Audiologists	19.68	19.68	21.66	25.72	31.38
Occupational therapists	21.21	25.97	28.29	33.58	39.23
Physical therapists	25.00	29.26	32.62	36.18	43.95
Radiation therapists	26.12	26.64	35.54	39.35	39.81
Recreational therapists	14.50	14.60	16.11	21.56	23.32
Respiratory therapists	19.10	20.86	23.09	25.97	28.73
Speech-language pathologists	24.03	24.03	27.96	31.85	36.81
Clinical laboratory technologists and technicians	12.25	15.00	18.38	23.67	27.57
Medical and clinical laboratory technologists	15.80	19.00	23.38	27.18	31.17
Medical and clinical laboratory technicians	11.34	14.06	16.50	19.67	23.41
Dental hygienists	21.93	28.00	33.00	35.55	39.00
Diagnostic related technologists and technicians	15.00	21.00	26.07	31.88	37.37
Cardiovascular technologists and technicians	11.58	13.00	22.84	36.02	39.59
Diagnostic medical sonographers	23.55	26.81	31.09	36.00	40.03
Nuclear medicine technologists	26.76	30.05	35.00	38.69	42.04
Radiologic technologists and technicians	16.36	20.85	26.00	30.35	34.00
Emergency medical technicians and paramedics	9.47	10.58	13.76	20.00	24.25
Health diagnosing and treating practitioner support technicians					
Pharmacy technicians	11.30	13.33	15.92	19.21	22.53
Pharmacy technicians	10.64	12.04	14.40	16.13	17.60
Psychiatric technicians	7.25	10.00	11.79	16.34	16.34
Respiratory therapy technicians	17.62	18.92	21.43	24.72	29.00
Surgical technologists	14.50	16.21	19.10	20.91	23.10
Licensed practical and licensed vocational nurses	14.42	16.29	18.35	20.90	23.94
Medical records and health information technicians	10.45	12.30	15.32	18.12	22.09
Miscellaneous health technologists and technicians	12.50	13.99	16.57	20.92	26.79
Occupational health and safety specialists and technicians	14.56	23.75	28.18	28.18	36.44
Occupational health and safety specialists	14.56	20.11	26.98	29.09	39.66

See footnotes at end of table.

Table 19 Full-time private industry 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					
Miscellaneous healthcare practitioner and technical workers	\$19.26	\$21.29	\$36.20	\$36.20	\$36.20
Healthcare support occupations					
Nursing, psychiatric, and home health aides	8.52	9.90	11.59	14.38	17.40
Nursing, psychiatric, and home health aides	8.24	9.38	10.56	12.27	14.64
Home health aides	7.29	9.00	9.90	11.17	12.00
Nursing aides, orderlies, and attendants	8.50	9.48	10.88	12.67	15.11
Psychiatric aides	8.30	9.00	10.19	11.00	13.03
Occupational therapist assistants and aides	9.36	9.67	13.09	18.29	23.92
Occupational therapist assistants	8.59	11.88	18.29	21.81	23.92
Occupational therapist aides	9.38	9.67	10.16	14.39	15.90
Physical therapist assistants and aides	9.46	10.89	15.49	23.84	31.00
Physical therapist assistants	14.74	17.26	22.37	31.00	32.40
Physical therapist aides	8.50	9.50	11.12	13.21	15.30
Massage therapists	13.25	13.62	20.00	20.74	44.74
Miscellaneous healthcare support occupations	9.79	11.46	13.50	16.39	19.80
Dental assistants	13.00	14.78	16.50	19.00	21.12
Medical assistants	9.25	10.97	12.93	15.50	18.52
Medical equipment preparers	9.84	11.76	13.20	16.00	18.94
Medical transcriptionists	10.67	12.70	14.37	17.00	20.00
Pharmacy aides	8.70	10.27	11.35	12.00	16.78
Veterinary assistants and laboratory animal caretakers	10.00	11.70	11.70	13.45	15.81
Protective service occupations					
Fire fighters	8.00	9.00	10.35	12.88	15.96
Fire fighters	10.16	14.00	22.80	23.35	28.95
Police officers	13.11	16.67	20.06	22.11	23.30
Police and sheriff's patrol officers	13.11	16.67	20.06	22.11	23.30
Security guards and gaming surveillance officers	7.56	9.00	10.00	12.00	14.81
Security guards	7.56	9.00	10.00	12.00	14.81
Miscellaneous protective service workers	8.00	8.73	11.50	12.86	20.78
Lifeguards, ski patrol, and other recreational protective service workers	7.35	8.73	8.73	11.00	11.38
Food preparation and serving related occupations					
First-line supervisors/managers, food preparation and serving workers	4.35	6.96	8.50	11.00	14.21
First-line supervisors/managers, food preparation and serving workers	9.40	11.54	14.25	18.75	21.43
Chefs and head cooks	10.50	12.25	16.82	20.19	26.30
First-line supervisors/managers of food preparation and serving workers	9.25	11.50	13.99	18.18	20.89
Cooks	7.25	8.40	10.00	12.00	14.21
Cooks, fast food	6.50	7.25	8.00	9.00	10.50
Cooks, institution and cafeteria	8.00	9.27	11.00	13.31	15.49
Cooks, restaurant	7.50	9.00	10.50	12.11	14.25
Cooks, short order	7.00	7.50	9.00	11.18	13.11
Food preparation workers	6.90	7.58	9.00	10.94	13.46
Food service, tipped	2.13	3.43	5.50	7.50	9.00

See footnotes at end of table.

Table 19 Full-time private industry workers: Hourly wage percentiles¹ — Continued

Occupation ²	Wages fall at or below the following percentiles				
	10	25	50	75	90
Food preparation and serving related occupations –Continued					
Bartenders	\$4.15	\$5.00	\$7.00	\$9.00	\$10.50
Waiters and waitresses	2.13	2.65	4.60	6.15	7.80
Dining room and cafeteria attendants and bartender helpers ..	4.00	6.00	7.50	8.65	9.85
Fast food and counter workers	6.16	7.15	8.25	9.90	11.50
Combined food preparation and serving workers, including fast food	6.00	7.10	8.30	9.90	11.50
Counter attendants, cafeteria, food concession, and coffee shop	7.00	7.15	8.25	9.92	13.46
Food servers, nonrestaurant	4.30	7.40	8.49	9.89	13.28
Dishwashers	7.00	7.50	8.05	9.00	11.25
Hosts and hostesses, restaurant, lounge, and coffee shop	4.57	7.11	8.09	10.06	13.00
Building and grounds cleaning and maintenance occupations	7.50	8.35	10.50	13.98	19.07
First-line supervisors/managers, building and grounds cleaning and maintenance workers	10.96	13.11	18.86	22.26	26.13
First-line supervisors/managers of housekeeping and janitorial workers	10.00	12.46	17.31	19.69	23.00
First-line supervisors/managers of landscaping, lawn service, and groundskeeping workers	13.50	17.31	26.13	26.13	26.13
Building cleaning workers	7.25	8.00	9.91	12.66	16.31
Janitors and cleaners, except maids and housekeeping cleaners	7.50	8.50	10.55	13.30	17.25
Maids and housekeeping cleaners	7.00	7.65	8.35	10.00	12.51
Pest control workers	12.00	14.00	15.75	18.08	20.46
Grounds maintenance workers	7.85	8.75	10.50	13.91	17.19
Landscaping and groundskeeping workers	7.75	8.50	10.18	13.35	17.00
Tree trimmers and pruners	12.00	14.15	16.00	20.00	24.04
Personal care and service occupations	6.06	6.95	9.40	12.31	17.30
First-line supervisors/managers of gaming workers	10.61	10.93	13.13	16.83	21.25
Gaming supervisors	10.61	14.00	15.83	19.38	22.32
Slot key persons	10.24	10.62	11.21	12.08	13.13
First-line supervisors/managers of personal service workers	10.30	12.37	14.65	16.76	21.02
Nonfarm animal caretakers	8.03	9.35	9.35	11.00	12.45
Gaming services workers	5.30	5.84	6.60	6.67	7.50
Gaming dealers	5.30	5.77	6.53	6.67	7.40
Gaming and sports book writers and runners	7.38	7.38	8.00	9.25	11.50
Ushers, lobby attendants, and ticket takers	7.74	7.83	10.37	18.44	18.44
Miscellaneous entertainment attendants and related workers	7.25	7.95	9.74	12.44	15.44
Amusement and recreation attendants	7.00	7.50	8.50	12.44	12.50
Locker room, coatroom, and dressing room attendants	7.76	9.00	10.49	12.31	15.44
Barbers and cosmetologists	7.36	8.54	11.00	15.28	18.58
Hairdressers, hairstylists, and cosmetologists	7.36	8.50	11.27	15.63	18.58
Miscellaneous personal appearance workers	8.33	8.33	11.17	15.13	20.41
Manicurists and pedicurists	8.33	8.33	8.57	12.45	14.48

See footnotes at end of table.

Table 19 Full-time private industry 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					
Baggage porters, bellhops, and concierges	\$6.25	\$7.20	\$8.49	\$12.00	\$18.44
Baggage porters and bellhops	6.15	6.75	8.00	8.49	11.00
Concierges	9.00	10.50	14.33	18.44	18.44
Tour and travel guides	8.57	9.06	11.89	14.06	15.88
Tour guides and escorts	8.57	9.00	10.74	14.41	15.88
Transportation attendants	14.66	28.36	37.54	41.77	48.20
Flight attendants	26.05	30.73	37.59	42.29	48.20
Transportation attendants, except flight attendants and baggage porters	5.15	9.17	11.68	15.32	19.64
Child care workers	6.50	7.00	8.50	10.32	12.00
Personal and home care aides	7.63	9.13	9.90	11.45	12.50
Recreation and fitness workers	8.18	10.00	13.80	17.63	23.00
Fitness trainers and aerobics instructors	10.99	14.00	15.38	23.00	25.00
Recreation workers	7.70	9.00	11.75	16.83	19.26
Residential advisors	5.63	5.63	9.15	11.37	13.35
Sales and related occupations	8.02	10.00	14.20	22.28	37.31
First-line supervisors/managers, sales workers	10.50	13.16	16.88	22.63	34.22
First-line supervisors/managers of retail sales workers	10.36	12.65	16.21	19.71	26.52
First-line supervisors/managers of non-retail sales workers ...	12.58	16.35	26.22	34.75	50.48
Retail sales workers	7.50	8.60	10.74	14.36	19.56
Cashiers, all workers	7.08	8.00	9.20	11.54	13.53
Cashiers	7.00	8.00	9.03	11.21	13.50
Gaming change persons and booth cashiers	9.20	11.00	13.24	13.24	14.00
Counter and rental clerks and parts salespersons	8.13	9.90	12.50	16.93	23.42
Counter and rental clerks	7.50	9.00	10.90	15.21	21.49
Parts salespersons	9.40	11.76	14.92	18.37	23.55
Retail salespersons	7.96	9.15	11.71	16.10	22.64
Advertising sales agents	9.20	13.50	20.19	27.76	42.26
Insurance sales agents	12.55	16.25	20.78	31.94	44.06
Securities, commodities, and financial services sales agents	15.58	21.15	38.02	69.10	116.33
Travel agents	7.50	10.42	13.75	18.32	24.81
Sales representatives, wholesale and manufacturing	14.18	18.75	25.81	38.75	53.91
Sales representatives, wholesale and manufacturing, technical and scientific products	18.00	22.59	35.12	46.16	62.02
Sales representatives, wholesale and manufacturing, except technical and scientific products	13.53	18.07	23.34	34.61	47.77
Models, demonstrators, and product promoters	10.38	12.73	14.18	19.63	27.44
Demonstrators and product promoters	10.38	12.73	14.18	19.63	27.44
Real estate brokers and sales agents	11.00	13.05	21.63	29.90	45.75
Real estate brokers	11.21	13.05	13.05	31.51	34.87
Real estate sales agents	11.00	14.24	24.04	29.90	48.56
Sales engineers	21.34	25.06	31.39	42.73	52.70
Telemarketers	7.33	8.39	10.90	13.83	19.52
Miscellaneous sales and related workers	9.00	10.00	14.21	22.33	32.34

See footnotes at end of table.

Table 19 Full-time private industry 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					
Door-to-door sales workers, news and street vendors, and related workers	\$3.60	\$13.83	\$20.49	\$23.42	\$32.76
Office and administrative support occupations					
First-line supervisors/managers of office and administrative support workers	9.76	11.54	14.50	18.21	22.81
Switchboard operators, including answering service	14.50	17.40	21.32	26.67	31.13
Telephone operators	8.40	9.72	11.39	14.54	17.38
Financial clerks	9.00	10.16	13.08	18.88	21.15
Bill and account collectors	10.00	11.34	14.15	17.02	20.53
Billing and posting clerks and machine operators	8.60	11.97	14.25	17.51	21.75
Bookkeeping, accounting, and auditing clerks	10.45	11.89	14.10	16.38	19.00
Payroll and timekeeping clerks	10.50	12.40	15.00	18.15	21.38
Procurement clerks	12.00	14.75	16.73	20.47	22.74
Tellers	11.59	14.04	16.73	19.50	22.00
Brokerage clerks	9.42	10.00	11.25	13.00	15.13
Correspondence clerks	12.59	15.52	17.94	20.44	24.72
Credit authorizers, checkers, and clerks	11.54	13.47	15.42	18.40	23.07
Customer service representatives	11.10	12.40	13.94	16.32	18.92
Eligibility interviewers, government programs	9.88	12.00	14.88	18.40	23.37
File clerks	6.43	15.00	17.12	19.22	21.50
Hotel, motel, and resort desk clerks	9.00	10.20	12.36	15.40	17.75
Interviewers, except eligibility and loan	7.50	8.25	9.50	10.75	12.25
Library assistants, clerical	9.50	10.75	13.19	15.50	18.66
Loan interviewers and clerks	9.23	12.02	14.89	15.90	17.58
New accounts clerks	11.13	13.01	14.93	17.34	21.51
Order clerks	10.10	11.32	13.76	15.84	18.46
Human resources assistants, except payroll and timekeeping	9.50	11.28	13.75	17.76	20.94
Receptionists and information clerks	12.50	14.42	17.03	19.11	22.78
Reservation and transportation ticket agents and travel clerks	9.00	10.25	12.00	14.50	17.50
Cargo and freight agents	8.50	9.26	13.43	17.82	20.67
Couriers and messengers	13.81	17.02	19.52	26.82	38.00
Dispatchers	9.00	10.18	11.14	12.57	13.99
Police, fire, and ambulance dispatchers	9.00	11.89	15.75	20.19	24.80
Dispatchers, except police, fire, and ambulance	9.00	10.25	12.85	17.31	20.25
Meter readers, utilities	9.00	11.96	15.87	20.58	24.94
Production, planning, and expediting clerks	12.00	12.25	16.35	21.58	27.86
Shipping, receiving, and traffic clerks	12.16	14.86	19.46	23.63	26.04
Stock clerks and order fillers	8.60	10.13	12.38	15.38	19.19
Weighers, measurers, checkers, and samplers, recordkeeping	8.50	10.00	12.00	14.47	17.29
Secretaries and administrative assistants	10.75	11.23	13.55	16.12	19.67
Executive secretaries and administrative assistants	11.85	14.50	17.50	21.65	26.98
Legal secretaries	14.42	17.22	20.47	25.00	29.95
Medical secretaries	14.56	15.32	18.26	25.52	32.00
Secretaries, except legal, medical, and executive	10.00	12.00	14.50	18.00	20.80
	10.75	13.47	16.00	18.99	22.61

See footnotes at end of table.

Table 19 Full-time private industry 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					
Computer operators	\$12.39	\$13.93	\$16.59	\$19.68	\$22.31
Data entry and information processing workers	9.90	11.00	12.85	15.31	17.50
Data entry keyers	9.65	11.00	12.49	14.03	17.00
Word processors and typists	10.00	12.84	16.37	19.23	25.96
Desktop publishers	11.57	13.98	16.57	24.01	26.32
Insurance claims and policy processing clerks	10.66	12.50	15.38	18.16	21.61
Mail clerks and mail machine operators, except postal service ..	7.71	10.25	11.06	13.27	16.87
Office clerks, general	9.50	11.25	13.44	16.50	20.19
Office machine operators, except computer	9.25	10.15	12.39	14.50	16.72
Proofreaders and copy markers	11.25	12.15	12.24	14.86	16.91
Statistical assistants	12.19	14.43	18.06	24.99	25.89
Farming, fishing, and forestry occupations					
Graders and sorters, agricultural products	7.00	8.50	10.00	14.76	22.60
Miscellaneous agricultural workers	6.92	8.50	8.60	9.85	14.76
Farmworkers and laborers, crop, nursery, and greenhouse	7.00	7.50	9.50	10.10	13.50
Farmworkers and laborers, crop, nursery, and greenhouse	7.00	7.50	9.54	10.00	14.25
Logging workers	10.50	12.88	14.70	23.15	23.15
Construction and extraction occupations					
First-line supervisors/managers of construction trades and extraction workers	10.50	13.39	18.00	25.29	33.11
Boilermakers	17.00	21.00	25.72	32.81	39.38
Brickmasons, blockmasons, and stonemasons	20.00	20.00	23.97	27.97	29.09
Brickmasons and blockmasons	18.00	21.58	26.02	28.50	39.85
Brickmasons and blockmasons	18.20	21.58	26.73	28.62	40.00
Carpenters	13.25	16.00	19.42	24.50	32.01
Carpet, floor, and tile installers and finishers	14.00	16.14	18.00	21.00	37.77
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	13.25	16.00	19.50	23.51	26.78
Cement masons and concrete finishers	13.25	16.00	19.50	23.51	26.78
Construction laborers	9.00	10.00	13.29	19.94	25.66
Construction equipment operators	11.85	14.01	17.50	26.32	33.54
Paving, surfacing, and tamping equipment operators	11.00	12.00	14.85	18.61	25.00
Operating engineers and other construction equipment operators	13.30	15.00	19.05	28.32	34.00
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	17.50	20.98	31.25
Tapers	14.00	16.25	18.61	22.88	25.00
Electricians	12.50	15.53	20.71	31.30	37.30
Glaziers	5.50	9.25	16.00	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	10.00	12.00	13.50	17.41	23.00
Painters, construction and maintenance	10.00	12.00	13.50	17.00	22.00

See footnotes at end of table.

Table 19 Full-time private industry 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					
Pipelayers, plumbers, pipefitters, and steamfitters	\$13.25	\$16.83	\$21.50	\$31.38	\$34.99
Pipelayers	10.50	12.00	16.00	27.01	27.27
Plumbers, pipefitters, and steamfitters	13.50	17.06	21.57	31.62	35.33
Plasterers and stucco masons	11.80	16.00	16.40	18.00	20.00
Roofers	10.00	12.00	15.50	24.00	28.50
Sheet metal workers	11.25	14.00	17.17	24.47	35.73
Structural iron and steel workers	15.95	20.35	26.75	30.51	53.92
Helpers, construction trades	9.00	10.16	12.00	15.00	20.65
Helpers--brickmasons, blockmasons, stonemasons, and tile and marble setters	8.00	11.00	15.70	22.84	22.84
Helpers--carpenters	9.50	11.50	13.46	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	11.50	13.00
Helpers--pipelayers, plumbers, pipefitters, and steamfitters ...	9.00	11.00	13.00	15.00	16.50
Helpers--roofers	9.00	9.00	10.50	10.50	12.00
Construction and building inspectors	17.48	20.90	26.59	31.84	38.46
Elevator installers and repairers	25.29	31.31	37.33	50.31	50.31
Hazardous materials removal workers	10.00	10.50	16.81	33.15	33.15
Septic tank servicers and sewer pipe cleaners	12.06	12.21	21.87	21.87	21.87
Miscellaneous construction and related workers	10.00	11.00	15.33	20.57	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
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	11.35	14.75	19.05	25.33	30.19
First-line supervisors/managers of mechanics, installers, and repairers	16.03	19.07	25.00	31.82	39.88
Computer, automated teller, and office machine repairers	7.50	13.94	17.54	20.96	24.71
Radio and telecommunications equipment installers and repairers	17.97	24.80	28.55	30.56	32.98
Telecommunications equipment installers and repairers, except line installers	17.97	24.80	28.55	30.56	32.98
Miscellaneous electrical and electronic equipment mechanics, installers, and repairers	11.42	13.50	17.36	24.67	29.00
Avionics technicians	7.30	7.75	9.91	16.00	28.44
Electric motor, power tool, and related repairers	11.50	12.00	13.43	16.60	16.60
Electrical and electronics installers and repairers, transportation equipment	19.23	19.89	23.52	27.68	28.03

See footnotes at end of table.

Table 19 Full-time private industry 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					
Electrical and electronics repairers, commercial and industrial equipment	\$12.50	\$15.50	\$21.46	\$27.85	\$28.61
Electrical and electronics repairers, powerhouse, substation, and relay	20.83	27.69	32.12	35.50	35.50
Electronic equipment installers and repairers, motor vehicles	12.00	15.55	17.00	17.00	23.48
Electronic home entertainment equipment installers and repairers	10.05	11.83	12.41	17.00	23.00
Security and fire alarm systems installers	13.00	16.90	18.00	22.05	25.70
Aircraft mechanics and service technicians	18.10	22.40	26.95	29.92	40.20
Automotive technicians and repairers	10.27	13.20	17.41	22.15	27.37
Automotive body and related repairers	11.62	13.28	16.00	19.00	24.67
Automotive glass installers and repairers	12.52	13.50	17.43	20.45	21.50
Automotive service technicians and mechanics	10.00	13.08	18.00	22.83	28.00
Bus and truck mechanics and diesel engine specialists	13.52	16.00	19.00	22.06	27.21
Heavy vehicle and mobile equipment service technicians and mechanics	13.50	15.85	19.00	21.84	26.00
Farm equipment mechanics	10.00	14.80	15.97	18.73	21.50
Mobile heavy equipment mechanics, except engines	14.42	16.56	19.97	22.76	26.13
Small engine mechanics	11.00	14.28	16.87	18.50	21.00
Motorboat mechanics	10.00	11.25	17.00	19.50	20.25
Motorcycle mechanics	11.00	14.00	14.72	17.49	27.50
Outdoor power equipment and other small engine mechanics	13.00	14.72	16.00	18.01	21.00
Miscellaneous vehicle and mobile equipment mechanic, installers, and repairers	7.75	9.00	10.00	12.25	14.00
Tire repairers and changers	7.75	9.00	10.00	12.25	13.00
Control and valve installers and repairers	12.48	16.59	20.98	27.64	31.24
Control and valve installers and repairers, except mechanical door	16.59	18.50	21.71	27.97	32.13
Heating, air conditioning, and refrigeration mechanics and installers	12.34	15.88	19.00	23.70	29.68
Home appliance repairers	12.16	15.00	18.37	22.00	27.21
Industrial machinery installation, repair, and maintenance workers	12.16	15.27	18.77	23.28	29.01
Industrial machinery mechanics	15.45	18.32	21.46	26.85	31.47
Maintenance and repair workers, general	10.26	12.90	16.56	20.83	27.01
Maintenance workers, machinery	12.31	14.29	16.00	20.28	24.78
Millwrights	16.20	17.87	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	16.50	22.87	27.71	29.80	32.10
Electrical power-line installers and repairers	17.37	24.57	28.04	31.68	37.15
Telecommunications line installers and repairers	15.71	22.00	27.65	29.63	30.18
Precision instrument and equipment repairers	11.75	15.10	20.77	27.69	32.05
Medical equipment repairers	10.68	15.10	18.54	26.28	27.69
Miscellaneous installation, maintenance, and repair workers	9.00	11.25	14.00	18.00	23.49

See footnotes at end of table.

Table 19 Full-time private industry 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					
Coin, vending, and amusement machine servicers and repairers	\$11.00	\$11.67	\$13.97	\$17.09	\$19.09
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	11.17	22.32	23.00	26.50
Helpers--installation, maintenance, and repair workers	8.50	10.00	12.00	14.27	17.43
Production occupations	8.57	10.67	14.00	18.87	25.40
First-line supervisors/managers of production and operating workers	14.85	18.38	22.71	28.37	33.80
Aircraft structure, surfaces, rigging, and systems assemblers	13.57	17.60	23.31	28.06	30.88
Electrical, electronics, and electromechanical assemblers	9.00	10.50	12.21	15.55	19.85
Coil winders, tapers, and finishers	8.75	8.76	10.81	13.00	15.43
Electrical and electronic equipment assemblers	9.00	10.60	12.17	15.36	20.47
Electromechanical equipment assemblers	9.59	10.76	13.89	16.92	19.77
Engine and other machine assemblers	11.63	14.92	19.05	25.60	28.53
Structural metal fabricators and fitters	10.50	12.83	15.50	18.00	25.92
Miscellaneous assemblers and fabricators	8.00	10.00	13.10	18.87	28.45
Fiberglass laminators and fabricators	10.98	12.00	12.38	13.20	15.00
Team assemblers	9.50	11.36	14.93	28.64	28.85
Bakers	7.93	9.91	12.00	14.65	18.13
Butchers and other meat, poultry, and fish processing workers ..	7.54	9.35	11.65	15.00	18.95
Butchers and meat cutters	8.00	12.10	15.30	18.95	21.00
Meat, poultry, and fish cutters and trimmers	6.80	8.00	9.45	10.74	12.60
Slaughterers and meat packers	8.80	10.10	11.50	12.15	13.90
Miscellaneous food processing workers	8.00	9.40	12.52	16.02	18.67
Food and tobacco roasting, baking, and drying machine operators and tenders	8.03	8.59	12.21	15.51	18.18
Food batchmakers	8.00	10.60	14.22	17.29	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	11.85	14.60	17.61	19.46
Extruding and drawing machine setters, operators, and tenders, metal and plastic	8.59	12.25	14.47	17.36	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	9.00	10.75	13.55	17.58	20.64

See footnotes at end of table.

Table 19 Full-time private industry workers: Hourly wage percentiles¹ — Continued

Occupation ²	Wages fall at or below the following percentiles				
	10	25	50	75	90
Production occupations –Continued					
Cutting, punching, and press machine setters, operators, and tenders, metal and plastic	\$9.00	\$10.43	\$12.99	\$16.39	\$19.80
Drilling and boring machine tool setters, operators, and tenders, metal and plastic	8.50	10.35	13.00	16.90	22.19
Grinding, lapping, polishing, and buffing machine tool setters, operators, and tenders, metal and plastic	9.50	10.55	13.07	16.46	19.00
Lathe and turning machine tool setters, operators, and tenders, metal and plastic	10.08	13.50	16.88	20.00	25.97
Milling and planing machine setters, operators, and tenders, metal and plastic	7.55	14.30	18.05	20.79	22.55
Machinists	14.00	16.50	20.38	24.00	28.00
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	15.40	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	10.40	12.10	15.10	19.29
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	11.00	12.93	16.03	19.50	24.35
Welders, cutters, solderers, and brazers	11.47	12.95	16.10	19.67	24.02
Welding, soldering, and brazing machine setters, operators, and tenders	10.18	11.75	15.07	18.32	24.97
Miscellaneous metalworkers and plastic workers	7.50	11.05	14.61	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	11.35	14.25	19.10	24.58
Tool grinders, filers, and sharpeners	8.50	13.35	16.12	18.68	24.00
Bookbinders and bindery workers	8.25	10.00	12.97	17.38	20.00
Bindery workers	8.25	10.00	12.95	17.38	19.65
Printers	10.01	12.55	16.73	20.03	23.40
Job printers	10.20	14.00	18.00	21.00	22.23
Prepress technicians and workers	10.70	13.56	16.73	19.38	23.61
Printing machine operators	9.73	12.00	16.00	19.86	23.63
Laundry and dry-cleaning workers	7.50	8.27	9.77	11.00	14.40
Pressers, textile, garment, and related materials	6.50	7.80	9.09	11.33	11.50
Sewing machine operators	7.00	8.00	10.00	13.80	16.28

See footnotes at end of table.

Table 19 Full-time private industry workers: Hourly wage percentiles¹ — Continued

Occupation ²	Wages fall at or below the following percentiles				
	10	25	50	75	90
Production occupations –Continued					
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	16.70	22.77
Textile machine setters, operators, and tenders	8.50	10.00	11.46	13.13	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	16.42	19.73
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	10.25	15.45	19.00	21.73
Cabinetmakers and bench carpenters	9.99	11.06	14.00	16.00	18.00
Furniture finishers	9.50	10.75	12.25	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	10.33	12.43	14.45	16.10
Sawing machine setters, operators, and tenders, wood	7.75	9.50	11.35	13.55	16.50
Woodworking machine setters, operators, and tenders, except sawing	9.00	11.25	13.41	14.60	16.00
Power plant operators, distributors, and dispatchers	22.70	27.60	31.15	31.15	36.04
Power distributors and dispatchers	29.26	31.54	34.95	38.44	42.30
Power plant operators	18.75	24.18	27.60	30.02	33.09
Stationary engineers and boiler operators	14.85	20.31	26.84	30.77	33.59
Water and liquid waste treatment plant and system operators	16.85	18.17	20.72	27.45	31.96
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	25.62	28.21	30.04	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	15.35	19.25	22.13
Crushing, grinding, and polishing machine setters, operators, and tenders	10.00	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	8.50	10.65	13.50	16.00	18.58
Cutters and trimmers, hand	8.13	10.28	13.00	16.00	17.50
Cutting and slicing machine setters, operators, and tenders	8.65	11.00	13.63	16.40	19.01

See footnotes at end of table.

Table 19 Full-time private industry workers: Hourly wage percentiles¹ — Continued

Occupation ²	Wages fall at or below the following percentiles				
	10	25	50	75	90
Production occupations –Continued					
Extruding, forming, pressing, and compacting machine setters, operators, and tenders	\$8.52	\$10.00	\$13.09	\$16.25	\$21.92
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	11.00	14.44	19.51	25.20
Medical, dental, and ophthalmic laboratory technicians	9.92	12.00	15.00	16.37	22.00
Dental laboratory technicians	10.75	14.00	15.40	18.00	23.21
Ophthalmic laboratory technicians	8.00	9.92	13.56	15.02	18.51
Packaging and filling machine operators and tenders	9.27	11.37	14.43	17.64	23.17
Painting workers	9.50	11.21	13.95	17.85	21.75
Coating, painting, and spraying machine setters, operators, and tenders	9.50	11.00	13.00	16.00	18.55
Painters, transportation equipment	12.00	14.00	17.94	21.00	27.97
Painting, coating, and decorating workers	8.65	10.78	13.00	14.99	18.07
Photographic process workers and processing machine operators	8.96	10.00	11.59	14.10	16.26
Photographic process workers	11.00	11.00	11.00	15.00	27.67
Photographic processing machine operators	8.90	9.60	12.00	14.00	15.89
Semiconductor processors	11.44	13.70	16.53	19.10	21.67
Miscellaneous production workers	8.00	9.25	11.65	16.05	21.45
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	13.01	29.28	29.28
Etchers and engravers	13.68	13.84	14.06	20.75	29.39
Molders, shapers, and casters, except metal and plastic	7.60	9.50	13.00	15.16	17.91
Paper goods machine setters, operators, and tenders	8.25	10.50	16.35	20.70	26.61
Tire builders	11.27	13.82	15.35	19.61	22.09
Helpers--production workers	7.91	9.00	11.00	13.00	16.86
Transportation and material moving occupations	8.25	10.11	13.50	18.00	22.92
First-line supervisors/managers of helpers, laborers, and material movers, hand	11.70	15.00	19.38	23.50	28.77
First-line supervisors/managers of transportation and material-moving machine and vehicle operators	15.00	18.75	22.96	27.17	31.64
Aircraft pilots and flight engineers	31.14	45.43	101.71	145.20	163.86
Airline pilots, copilots, and flight engineers	49.00	89.01	122.95	152.38	172.89
Bus drivers	9.50	11.63	13.10	17.20	23.52
Bus drivers, transit and intercity	10.00	11.63	13.55	17.20	23.52
Bus drivers, school	8.49	10.00	10.66	15.57	18.01
Driver/sales workers and truck drivers	10.00	12.55	15.80	20.24	24.83
Driver/sales workers	8.00	11.00	15.53	19.95	23.43
Truck drivers, heavy and tractor-trailer	11.85	14.00	16.52	20.61	24.67
Truck drivers, light or delivery services	8.54	10.35	13.50	18.21	27.00
Taxi drivers and chauffeurs	7.15	8.20	9.83	12.50	14.21
Sailors and marine oilers	8.75	10.42	14.16	14.38	16.67
Ship and boat captains and operators	14.58	15.00	17.92	20.83	34.17

See footnotes at end of table.

Table 19 Full-time private industry 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					
Captains, mates, and pilots of water vessels	\$14.58	\$15.00	\$17.92	\$20.83	\$34.17
Ship engineers	21.08	22.62	27.33	36.27	57.92
Parking lot attendants	6.24	7.25	7.62	9.00	10.50
Service station attendants	7.66	7.80	9.05	12.89	15.66
Transportation inspectors	17.60	21.81	22.65	29.92	30.40
Conveyor operators and tenders	8.75	9.25	14.55	16.29	27.49
Crane and tower operators	13.00	15.35	18.76	22.84	29.31
Dredge, excavating, and loading machine operators	11.00	13.89	16.00	18.00	24.46
Excavating and loading machine and dragline operators	11.00	13.50	16.00	18.00	23.00
Hoist and winch operators	8.75	11.15	20.28	20.28	20.43
Industrial truck and tractor operators	9.50	11.24	13.80	16.90	21.99
Laborers and material movers, hand	7.50	8.58	10.50	13.20	16.86
Cleaners of vehicles and equipment	7.47	8.27	9.38	12.00	14.53
Laborers and freight, stock, and material movers, hand	7.91	9.00	11.00	14.25	17.93
Machine feeders and offbearers	8.00	9.00	10.77	12.75	16.33
Packers and packagers, hand	7.15	8.00	9.50	12.00	14.55
Pumping station operators	15.75	20.67	22.36	22.36	26.61
Refuse and recyclable material collectors	7.46	8.25	10.18	14.29	16.78
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.