

**Table 13 Union and nonunion workers: Mean hourly earnings<sup>1</sup> for civilian workers by bargaining status**

Occupation <sup>2</sup>	Civilian workers		Union Workers		Nonunion workers	
	Mean	Relative error <sup>3</sup>	Mean	Relative error <sup>3</sup>	Mean	Relative error <sup>3</sup>
<b>All workers</b> .....	\$19.88	0.9%	\$23.96	0.6%	\$19.14	1.1%
<b>Management occupations</b> .....	41.30	1.8	41.00	3.5	41.31	1.8
Chief executives .....	102.18	23.7	–	–	102.86	24.0
General and operations managers .....	44.30	2.4	44.38	15.3	44.30	2.4
Advertising and promotions managers .....	32.86	7.2	–	–	32.86	7.2
Marketing and sales managers .....	48.63	4.0	–	–	48.63	4.0
Marketing managers .....	52.95	5.7	–	–	52.95	5.7
Sales managers .....	44.16	4.1	–	–	44.16	4.1
Public relations managers .....	41.18	16.5	–	–	41.57	16.7
Administrative services managers .....	31.05	3.5	27.05	14.2	31.22	3.8
Computer and information systems managers .....	52.54	2.2	–	–	52.83	2.2
Financial managers .....	42.21	2.2	43.45	14.4	42.20	2.2
Human resources managers .....	35.29	7.6	–	–	35.28	7.6
Compensation and benefits managers .....	38.66	4.1	–	–	38.66	4.1
Training and development managers .....	31.05	13.7	–	–	31.12	14.0
Industrial production managers .....	39.80	3.4	–	–	39.88	3.4
Purchasing managers .....	41.78	4.5	–	–	41.83	4.6
Transportation, storage, and distribution managers .....	35.65	4.6	–	–	35.57	4.6
Construction managers .....	35.78	4.1	39.35	8.1	35.73	4.1
Education administrators .....	36.83	2.4	45.44	5.3	35.56	2.6
Education administrators, preschool and child care center/program .....	22.20	9.8	–	–	22.18	10.1
Education administrators, elementary and secondary school .....	44.03	1.8	49.89	2.3	42.59	2.0
Education administrators, postsecondary .....	37.87	4.1	38.61	14.0	37.77	4.4
Engineering managers .....	54.79	2.2	51.00	1.6	54.90	2.3
Food service managers .....	24.80	5.5	–	–	24.76	5.6
Funeral directors .....	23.10	18.6	–	–	23.10	18.6
Lodging managers .....	23.73	17.2	–	–	23.73	17.2
Medical and health services managers .....	39.26	5.0	48.88	12.6	39.12	5.1
Natural sciences managers .....	43.46	8.7	–	–	43.46	8.7
Property, real estate, and community association managers .....	25.41	4.4	–	–	25.39	4.5
Social and community service managers .....	26.57	5.1	32.90	8.8	26.38	5.3

See footnotes at end of table.

**Table 13 Union and nonunion workers: Mean hourly earnings<sup>1</sup> for civilian workers by bargaining status — Continued**

Occupation <sup>2</sup>	Civilian workers		Union Workers		Nonunion workers	
	Mean	Relative error <sup>3</sup>	Mean	Relative error <sup>3</sup>	Mean	Relative error <sup>3</sup>
<b>Business and financial operations occupations</b> .....	\$29.49	1.3%	\$27.00	2.5%	\$29.65	1.4%
Buyers and purchasing agents .....	27.82	1.9	—	—	27.92	1.9
Purchasing agents and buyers, farm products .....	33.04	13.5	—	—	33.04	13.5
Wholesale and retail buyers, except farm products .....	28.21	3.7	—	—	28.51	3.6
Purchasing agents, except wholesale, retail, and farm products .....	27.28	2.8	26.29	10.7	27.30	2.8
Claims adjusters, appraisers, examiners, and investigators .....	26.16	2.3	23.41	4.8	26.55	2.3
Claims adjusters, examiners, and investigators .....	26.10	2.3	23.41	4.8	26.50	2.4
Insurance appraisers, auto damage	27.28	9.1	—	—	27.28	9.1
Compliance officers, except agriculture, construction, health and safety, and transportation .....	25.24	6.3	24.87	7.5	25.31	7.5
Cost estimators .....	31.11	4.0	—	—	31.12	4.0
Emergency management specialists ..	33.03	24.4	—	—	20.18	9.0
Human resources, training, and labor relations specialists .....	26.96	2.8	29.63	7.8	26.71	2.9
Employment, recruitment, and placement specialists .....	25.49	5.5	26.98	3.5	25.47	5.6
Compensation, benefits, and job analysis specialists .....	26.70	3.4	—	—	26.60	3.5
Training and development specialists .....	26.11	6.0	—	—	26.04	6.2
Logisticians .....	31.07	7.6	—	—	31.44	7.8
Management analysts .....	34.80	3.0	29.70	4.3	35.16	3.2
Meeting and convention planners .....	22.79	6.0	—	—	22.79	6.0
Accountants and auditors .....	27.78	2.2	27.13	5.2	27.82	2.3
Appraisers and assessors of real estate .....	23.05	7.6	27.58	8.6	21.90	9.4
Budget analysts .....	30.76	6.1	26.63	3.0	31.44	6.6
Credit analysts .....	27.33	5.2	—	—	27.33	5.2
Financial analysts and advisors .....	35.28	5.2	—	—	35.42	5.2
Financial analysts .....	37.46	4.4	—	—	37.48	4.4
Personal financial advisors .....	32.63	18.5	—	—	32.63	18.5
Insurance underwriters .....	31.50	6.1	—	—	31.91	6.2
Financial examiners .....	30.55	6.1	—	—	31.20	6.4
Loan counselors and officers .....	33.47	14.2	—	—	33.54	14.3
Loan counselors .....	22.14	16.8	—	—	21.82	20.4
Loan officers .....	34.08	14.7	—	—	34.08	14.7

See footnotes at end of table.

**Table 13 Union and nonunion workers: Mean hourly earnings<sup>1</sup> for civilian workers by bargaining status — Continued**

Occupation <sup>2</sup>	Civilian workers		Union Workers		Nonunion workers	
	Mean	Relative error <sup>3</sup>	Mean	Relative error <sup>3</sup>	Mean	Relative error <sup>3</sup>
<b>Business and financial operations occupations –Continued</b>						
Tax examiners, collectors, preparers, and revenue agents .....	\$20.63	9.1%	\$25.69	8.7%	\$17.50	10.7%
Tax examiners, collectors, and revenue agents .....	21.88	8.2	25.69	8.7	18.40	9.2
Tax preparers .....	15.65	27.3	–	–	15.65	27.3
<b>Computer and mathematical science occupations .....</b>	35.15	1.7	29.73	2.0	35.38	1.8
Computer and information scientists, research .....	46.41	6.8	–	–	46.41	6.8
Computer programmers .....	33.76	2.7	34.33	12.9	33.75	2.8
Computer software engineers .....	42.26	1.6	35.82	5.7	42.40	1.7
Computer software engineers, applications .....	41.20	2.7	34.24	4.8	41.40	2.8
Computer software engineers, systems software .....	43.44	1.9	–	–	43.49	1.9
Computer support specialists .....	24.82	3.6	25.48	3.5	24.77	3.9
Computer systems analysts .....	38.28	2.3	32.34	3.0	38.52	2.3
Database administrators .....	32.90	4.8	–	–	32.87	4.9
Network and computer systems administrators .....	30.81	2.2	27.93	4.6	31.03	2.3
Network systems and data communications analysts .....	32.64	4.0	28.92	5.8	32.83	4.2
Actuaries .....	40.73	4.5	–	–	40.66	4.6
Operations research analysts .....	33.20	4.4	–	–	33.26	4.4
Statisticians .....	34.80	13.3	–	–	34.80	13.3
Miscellaneous mathematical scientists .....	18.58	8.7	–	–	18.58	8.7
<b>Architecture and engineering occupations .....</b>	33.06	2.5	31.33	2.5	33.17	2.7
Architects, except naval .....	32.29	4.7	–	–	32.30	4.8
Architects, except landscape and naval .....	32.38	4.8	–	–	32.40	4.9
Landscape architects .....	30.24	3.8	–	–	30.24	3.8
Surveyors, cartographers, and photogrammetrists .....	28.48	11.7	–	–	28.49	12.2
Cartographers and photogrammetrists .....	19.57	13.2	–	–	19.57	13.2
Surveyors .....	31.52	11.2	–	–	31.77	11.9
Engineers .....	38.77	1.2	36.16	2.5	38.88	1.2
Aerospace engineers .....	47.11	3.9	–	–	47.15	4.2

See footnotes at end of table.

**Table 13 Union and nonunion workers: Mean hourly earnings<sup>1</sup> for civilian workers by bargaining status — Continued**

Occupation <sup>2</sup>	Civilian workers		Union Workers		Nonunion workers	
	Mean	Relative error <sup>3</sup>	Mean	Relative error <sup>3</sup>	Mean	Relative error <sup>3</sup>
<b>Architecture and engineering occupations</b> –Continued						
Chemical engineers .....	\$38.88	7.5%	–	–	\$38.94	7.6%
Civil engineers .....	34.82	2.8	\$34.88	4.8%	34.81	3.1
Computer hardware engineers .....	43.49	6.3	–	–	43.49	6.3
Electrical and electronics engineers .....	39.09	2.6	38.84	7.4	39.10	2.7
Electrical engineers .....	38.45	4.6	–	–	38.64	4.6
Electronics engineers, except computer .....	39.65	2.8	–	–	39.50	2.9
Environmental engineers .....	40.16	6.5	35.63	10.6	40.71	6.6
Industrial engineers, including health and safety .....	36.23	2.7	37.87	5.5	36.18	2.7
Health and safety engineers, except mining safety engineers and inspectors .....	41.30	11.8	–	–	41.24	12.1
Industrial engineers .....	35.03	2.0	–	–	34.98	2.0
Marine engineers and naval architects .....	31.28	8.0	–	–	–	–
Materials engineers .....	37.57	7.6	–	–	37.57	7.6
Mechanical engineers .....	34.99	2.1	31.29	7.7	35.18	2.1
Nuclear engineers .....	42.63	6.2	–	–	42.67	6.3
Petroleum engineers .....	48.78	15.7	–	–	48.78	15.7
Drafters .....	23.66	1.9	27.57	5.6	23.42	2.1
Architectural and civil drafters .....	24.30	2.9	27.52	4.8	24.15	2.9
Electrical and electronics drafters .....	21.86	5.2	27.88	5.2	21.17	5.7
Mechanical drafters .....	23.42	3.7	–	–	23.04	3.4
Engineering technicians, except drafters .....	23.87	4.0	27.58	3.5	23.40	4.7
Aerospace engineering and operations technicians .....	26.38	5.0	–	–	26.24	5.6
Civil engineering technicians .....	18.79	12.3	25.14	2.9	17.68	13.6
Electrical and electronic engineering technicians .....	23.44	5.7	28.32	3.1	22.67	6.4
Electro-mechanical technicians .....	25.49	4.4	–	–	24.86	4.8
Environmental engineering technicians .....	30.65	23.5	–	–	30.69	25.0
Industrial engineering technicians .....	24.20	4.9	–	–	23.47	5.3
Mechanical engineering technicians .....	23.87	10.7	–	–	24.04	11.6
Surveying and mapping technicians ..	20.66	12.4	27.57	7.1	20.35	13.1
<b>Life, physical, and social science occupations</b> .....	29.80	2.2	30.38	2.8	29.70	2.5

See footnotes at end of table.

**Table 13 Union and nonunion workers: Mean hourly earnings<sup>1</sup> for civilian workers by bargaining status — Continued**

Occupation <sup>2</sup>	Civilian workers		Union Workers		Nonunion workers	
	Mean	Relative error <sup>3</sup>	Mean	Relative error <sup>3</sup>	Mean	Relative error <sup>3</sup>
<b>Life, physical, and social science occupations –Continued</b>						
Life scientists .....	\$31.44	5.7%	\$25.82	9.3%	\$32.05	6.0%
Agricultural and food scientists .....	26.65	17.4	–	–	26.65	17.4
Food scientists and technologists .....	36.46	14.1	–	–	36.46	14.1
Soil and plant scientists .....	24.46	14.6	–	–	24.46	14.6
Biological scientists .....	32.20	5.9	24.78	16.1	33.17	6.1
Biochemists and biophysicists ...	34.58	8.6	–	–	34.58	8.6
Microbiologists .....	31.57	11.4	–	–	30.32	10.6
Zoologists and wildlife biologists .....	23.74	4.6	–	–	24.12	5.3
Conservation scientists and foresters .....	25.15	8.0	23.64	10.3	27.05	11.0
Conservation scientists .....	23.16	7.8	23.18	11.3	23.11	3.2
Foresters .....	30.07	14.7	–	–	31.27	18.7
Medical scientists .....	32.68	9.7	–	–	32.63	10.0
Physical scientists .....	34.18	3.6	30.73	13.0	34.66	3.7
Astronomers and physicists .....	43.74	8.7	–	–	43.74	8.7
Physicists .....	45.05	8.7	–	–	45.05	8.7
Chemists and materials scientists ..	33.01	7.8	28.19	9.1	33.65	8.5
Chemists .....	31.54	7.3	28.19	9.1	32.07	8.2
Materials scientists .....	41.13	8.6	–	–	41.13	8.6
Environmental scientists and geoscientists .....	34.32	4.1	34.15	10.6	34.35	4.5
Environmental scientists and specialists, including health geoscientists, except hydrologists and geographers .....	42.90	6.1	–	–	42.64	6.1
Hydrologists .....	27.80	7.3	–	–	27.48	9.8
Economists .....	38.20	22.2	–	–	38.21	22.4
Market and survey researchers .....	33.59	6.4	–	–	33.59	6.4
Market research analysts .....	34.63	6.0	–	–	34.63	6.0
Psychologists .....	35.03	6.9	40.18	3.7	31.65	10.1
Clinical, counseling, and school psychologists .....	35.64	6.7	40.42	4.2	32.66	9.6
Urban and regional planners .....	30.51	4.7	30.15	8.2	30.82	4.5
Miscellaneous social scientists and related workers .....	32.44	10.6	–	–	32.65	11.3
Agricultural and food science technicians .....	16.86	12.6	22.09	5.1	15.54	13.4
Biological technicians .....	19.51	3.4	20.73	6.1	19.41	3.7
Chemical technicians .....	23.00	6.2	22.95	3.1	23.01	7.1

See footnotes at end of table.

**Table 13 Union and nonunion workers: Mean hourly earnings<sup>1</sup> for civilian workers by bargaining status — Continued**

Occupation <sup>2</sup>	Civilian workers		Union Workers		Nonunion workers	
	Mean	Relative error <sup>3</sup>	Mean	Relative error <sup>3</sup>	Mean	Relative error <sup>3</sup>
<b>Life, physical, and social science occupations –Continued</b>						
Geological and petroleum technicians	\$36.25	13.2%	–	–	\$36.25	13.2%
Nuclear technicians .....	34.83	6.7	\$34.83	7.6%	–	–
Social science research assistants .....	19.35	7.9	–	–	19.44	7.9
Miscellaneous life, physical, and social science technicians .....	21.28	6.7	27.02	8.0	19.86	4.1
Environmental science and protection technicians, including health .....	24.59	10.7	28.04	6.7	20.93	8.5
Forensic science technicians .....	26.07	7.9	29.60	12.4	24.24	11.4
Forest and conservation technicians .....	15.92	9.9	–	–	15.96	10.7
<b>Community and social services occupations .....</b>	20.55	1.6	27.02	4.8	18.67	1.8
Counselors .....	23.53	2.8	32.15	4.2	21.08	3.9
Substance abuse and behavioral disorder counselors .....	19.80	6.5	29.30	15.7	17.73	5.1
Educational, vocational, and school counselors .....	29.03	4.0	36.81	3.7	25.79	6.6
Marriage and family therapists .....	23.77	10.9	–	–	23.77	10.9
Mental health counselors .....	20.22	4.8	20.47	17.7	20.17	4.8
Rehabilitation counselors .....	16.71	4.1	22.23	7.9	15.84	4.4
Social workers .....	21.14	3.0	27.45	7.2	19.10	2.1
Child, family, and school social workers .....	21.72	5.1	28.93	11.3	17.95	2.5
Medical and public health social workers .....	22.42	4.0	26.07	7.5	21.93	4.6
Mental health and substance abuse social workers .....	19.21	4.2	25.73	9.3	18.32	4.7
Miscellaneous community and social service specialists .....	17.41	3.3	22.14	6.5	15.96	3.1
Health educators .....	31.07	10.1	–	–	31.76	10.5
Probation officers and correctional treatment specialists .....	23.24	5.0	26.00	6.5	19.83	3.1
Social and human service assistants .....	13.87	2.8	16.45	7.3	13.36	3.0
Clergy .....	16.44	8.3	–	–	16.35	8.3
<b>Legal occupations .....</b>	38.99	6.8	35.11	10.3	39.26	7.2
Lawyers .....	54.54	3.6	46.72	4.0	54.98	3.8
Judges, magistrates, and other judicial workers .....	46.35	10.1	–	–	46.35	11.9

See footnotes at end of table.

**Table 13 Union and nonunion workers: Mean hourly earnings<sup>1</sup> for civilian workers by bargaining status — Continued**

Occupation <sup>2</sup>	Civilian workers		Union Workers		Nonunion workers	
	Mean	Relative error <sup>3</sup>	Mean	Relative error <sup>3</sup>	Mean	Relative error <sup>3</sup>
<b>Legal occupations –Continued</b>						
Administrative law judges, adjudicators, and hearing officers .....	\$35.98	9.7%	–	–	\$38.15	11.5%
Judges, magistrate judges, and magistrates .....	52.47	8.8	–	–	49.95	10.7
Paralegals and legal assistants .....	22.48	6.5	\$21.10	5.1%	22.56	6.9
Miscellaneous legal support workers	22.46	3.6	25.53	13.1	22.09	3.7
Court reporters .....	23.22	7.7	22.84	13.6	23.45	9.0
Law clerks .....	24.32	11.4	–	–	23.11	14.2
Title examiners, abstractors, and searchers .....	21.80	5.0	–	–	21.80	5.0
<b>Education, training, and library occupations</b>						
Postsecondary teachers .....	30.58	1.7	35.49	1.4	26.81	2.7
Business teachers, postsecondary ..	45.83	3.7	49.64	4.8	44.93	4.5
Math and computer teachers, postsecondary .....	57.46	11.8	56.93	10.2	57.51	13.0
Computer science teachers, postsecondary .....	42.49	5.6	52.12	10.4	39.40	6.2
Mathematical science teachers, postsecondary .....	45.91	13.5	78.02	13.6	38.72	13.2
Engineering and architecture teachers, postsecondary .....	41.14	4.5	45.11	6.2	39.70	5.5
Engineering teachers, postsecondary .....	57.91	11.5	65.09	9.6	56.47	13.8
Life sciences teachers, postsecondary .....	57.82	12.0	65.00	11.1	56.56	14.1
Biological science teachers, postsecondary .....	47.75	14.7	47.55	6.0	47.76	15.9
Physical sciences teachers, postsecondary .....	47.73	15.3	47.40	6.3	47.76	16.6
Atmospheric, earth, marine, and space sciences teachers, postsecondary .....	50.52	4.9	53.02	7.5	49.94	5.7
Chemistry teachers, postsecondary .....	55.87	12.6	–	–	54.30	17.1
Physics teachers, postsecondary	49.23	5.1	48.89	7.8	49.33	6.5
Social sciences teachers, postsecondary .....	51.10	11.2	–	–	49.71	12.7
Area, ethnic, and cultural studies teachers, postsecondary .....	46.06	4.0	43.01	8.7	46.80	4.7
	39.92	11.9	–	–	40.33	16.7

See footnotes at end of table.

**Table 13 Union and nonunion workers: Mean hourly earnings<sup>1</sup> for civilian workers by bargaining status — Continued**

Occupation <sup>2</sup>	Civilian workers		Union Workers		Nonunion workers	
	Mean	Relative error <sup>3</sup>	Mean	Relative error <sup>3</sup>	Mean	Relative error <sup>3</sup>
<b>Education, training, and library occupations –Continued</b>						
Economics teachers, postsecondary .....	\$56.42	9.3%	\$43.29	16.1%	\$63.59	6.7%
Political science teachers, postsecondary .....	38.99	6.4	–	–	40.59	7.9
Psychology teachers, postsecondary .....	42.65	5.5	–	–	42.74	5.7
Sociology teachers, postsecondary .....	51.77	9.1	43.92	3.5	53.88	10.5
Health teachers, postsecondary .....	57.82	9.1	51.60	10.2	58.67	10.0
Health specialties teachers, postsecondary .....	68.55	8.2	59.03	14.6	69.88	8.7
Nursing instructors and teachers, postsecondary .....	33.77	5.2	–	–	33.74	5.7
Education and library science teachers, postsecondary .....	36.26	5.1	31.54	5.8	36.67	5.3
Education teachers, postsecondary .....	36.26	5.1	31.54	5.8	36.67	5.3
Law, criminal justice, and social work teachers, postsecondary ..	80.32	16.5	–	–	68.86	13.7
Criminal justice and law enforcement teachers, postsecondary .....	42.39	20.6	–	–	42.73	21.7
Law teachers, postsecondary .....	96.10	15.2	–	–	81.46	7.3
Social work teachers, postsecondary .....	33.66	8.9	–	–	32.89	10.1
Arts, communications, and humanities teachers, postsecondary .....	41.97	3.1	51.35	5.7	40.29	3.1
Art, drama, and music teachers, postsecondary .....	41.27	4.4	63.83	7.3	38.60	3.3
Communications teachers, postsecondary .....	38.19	14.4	32.67	17.3	41.40	17.4
English language and literature teachers, postsecondary .....	39.70	5.9	49.61	9.6	36.93	6.8
Foreign language and literature teachers, postsecondary .....	44.80	6.0	42.38	11.4	45.20	7.8
History teachers, postsecondary .....	45.51	7.2	–	–	45.44	7.8
Philosophy and religion teachers, postsecondary .....	42.07	8.3	60.79	10.1	38.14	8.6
Miscellaneous postsecondary teachers .....	37.10	3.7	44.93	5.5	33.90	4.6
Graduate teaching assistants .....	14.94	5.9	–	–	14.94	5.9

See footnotes at end of table.

**Table 13 Union and nonunion workers: Mean hourly earnings<sup>1</sup> for civilian workers by bargaining status — Continued**

Occupation <sup>2</sup>	Civilian workers		Union Workers		Nonunion workers	
	Mean	Relative error <sup>3</sup>	Mean	Relative error <sup>3</sup>	Mean	Relative error <sup>3</sup>
<b>Education, training, and library occupations –Continued</b>						
Recreation and fitness studies teachers, postsecondary .....	\$31.02	9.7%	–	–	\$28.16	10.3%
Vocational education teachers, postsecondary .....	29.03	7.6	\$37.62	19.1%	25.56	3.9
Primary, secondary, and special education school teachers .....	32.82	1.2	38.16	1.1	26.35	1.8
Preschool and kindergarten teachers .....	19.19	4.3	31.97	6.9	16.37	5.3
Preschool teachers, except special education .....	15.51	6.2	25.24	14.2	14.68	7.1
Kindergarten teachers, except special education .....	30.30	5.0	35.23	5.3	25.58	7.7
Elementary and middle school teachers .....	34.16	1.2	38.24	1.3	28.08	1.7
Elementary school teachers, except special education .....	34.01	1.5	38.21	1.5	27.72	1.9
Middle school teachers, except special and vocational education .....	34.69	1.4	38.34	1.8	29.36	1.9
Secondary school teachers .....	35.39	1.2	38.64	1.5	30.84	1.7
Secondary school teachers, except special and vocational education .....	35.52	1.2	38.83	1.5	30.97	1.7
Vocational education teachers, secondary school .....	33.70	4.1	36.50	4.5	28.86	6.2
Special education teachers .....	35.15	1.8	38.67	2.4	29.17	2.6
Special education teachers, preschool, kindergarten, and elementary school .....	34.51	2.0	38.64	2.1	28.51	3.2
Special education teachers, middle school .....	35.31	3.5	38.14	4.3	30.21	5.2
Special education teachers, secondary school .....	36.53	4.5	38.96	5.9	30.70	7.9
Other teachers and instructors .....	30.30	3.3	43.81	2.5	21.26	6.1
Adult literacy, remedial education, and GED teachers and instructors .....	29.52	10.2	40.47	11.9	21.50	6.7
Self-enrichment education teachers	26.24	8.2	42.93	6.8	22.94	8.7
Archivists, curators, and museum technicians .....	25.15	10.9	–	–	26.00	9.1
Archivists .....	22.65	21.3	–	–	23.89	21.9
Curators .....	27.59	7.4	–	–	27.62	7.6

See footnotes at end of table.

**Table 13 Union and nonunion workers: Mean hourly earnings<sup>1</sup> for civilian workers by bargaining status — Continued**

Occupation <sup>2</sup>	Civilian workers		Union Workers		Nonunion workers	
	Mean	Relative error <sup>3</sup>	Mean	Relative error <sup>3</sup>	Mean	Relative error <sup>3</sup>
<b>Education, training, and library occupations –Continued</b>						
Librarians .....	\$28.80	4.6%	\$31.07	6.7%	\$27.95	5.3%
Library technicians .....	15.82	3.7	18.17	3.9	14.42	5.5
Farm and home management advisors .....	19.23	5.0	–	–	19.07	5.2
Instructional coordinators .....	31.07	5.0	36.24	6.4	29.03	6.2
Teacher assistants .....	11.95	1.7	14.05	2.2	10.83	1.4
<b>Arts, design, entertainment, sports, and media occupations</b>						
Artists and related workers .....	25.43	3.4	39.43	12.5	23.70	3.0
Artists and related workers .....	26.26	10.0	–	–	26.50	10.4
Art directors .....	30.59	9.5	–	–	30.59	9.5
Multi-media artists and animators .....	26.23	17.4	–	–	26.74	19.3
Designers .....	22.82	4.0	27.68	20.2	22.50	4.1
Commercial and industrial designers .....	33.46	4.3	–	–	33.46	4.3
Fashion designers .....	51.82	13.2	–	–	51.82	13.2
Floral designers .....	11.32	12.3	–	–	11.32	12.3
Graphic designers .....	21.47	3.0	30.01	16.8	20.62	3.1
Interior designers .....	24.22	7.0	–	–	24.22	7.0
Merchandise displayers and window trimmers .....	14.79	10.3	–	–	15.61	23.8
Set and exhibit designers .....	32.22	28.3	–	–	25.63	21.2
Actors, producers, and directors .....	36.07	20.0	–	–	36.21	21.6
Producers and directors .....	36.84	20.2	–	–	36.39	21.6
Athletes, coaches, umpires, and related workers .....	22.44	10.5	37.07	20.4	22.14	10.8
Coaches and scouts .....	22.28	10.9	41.80	13.7	21.91	11.2
Umpires, referees, and other sports officials .....	15.09	28.2	–	–	14.82	30.5
Dancers and choreographers .....	17.77	20.2	–	–	17.77	20.2
Dancers .....	17.48	33.7	–	–	17.48	33.7
Choreographers .....	18.04	12.1	–	–	18.04	12.1
Musicians, singers, and related workers .....	34.97	11.3	40.30	15.3	27.85	13.6
Music directors and composers .....	26.75	15.2	–	–	26.75	15.2
Musicians and singers .....	39.46	13.5	40.30	15.3	33.03	24.4
Announcers .....	31.43	29.3	–	–	32.48	29.4
Radio and television announcers ...	34.75	30.0	–	–	34.75	30.0
News analysts, reporters and correspondents .....	32.45	13.7	70.74	22.5	21.49	7.6
Reporters and correspondents .....	27.63	5.8	54.32	4.3	19.92	6.4
Public relations specialists .....	25.66	4.4	29.61	4.9	25.42	4.8

See footnotes at end of table.

**Table 13 Union and nonunion workers: Mean hourly earnings<sup>1</sup> for civilian workers by bargaining status — Continued**

Occupation <sup>2</sup>	Civilian workers		Union Workers		Nonunion workers	
	Mean	Relative error <sup>3</sup>	Mean	Relative error <sup>3</sup>	Mean	Relative error <sup>3</sup>
<b>Arts, design, entertainment, sports, and media occupations</b>						
–Continued						
Writers and editors .....	\$28.14	5.5%	\$31.44	14.2%	\$27.83	4.9%
Editors .....	25.82	4.7	36.49	9.3	24.83	4.5
Technical writers .....	31.95	6.4	–	–	31.88	6.5
Writers and authors .....	32.43	31.8	21.82	18.5	37.69	36.7
Miscellaneous media and communication workers .....	20.50	7.5	25.76	8.5	19.13	9.9
Interpreters and translators .....	20.86	12.7	27.80	15.0	19.73	15.5
Broadcast and sound engineering technicians and radio operators ...	21.93	8.6	30.25	12.5	18.15	7.4
Audio and video equipment technicians .....	20.67	9.5	32.86	18.5	16.67	5.9
Broadcast technicians .....	20.15	10.0	24.47	14.1	18.60	14.5
Sound engineering technicians .....	31.72	17.9	–	–	–	–
Photographers .....	15.27	11.1	–	–	14.67	11.2
Television, video, and motion picture camera operators and editors .....	22.13	10.0	34.08	13.9	18.85	8.9
Camera operators, television, video, and motion picture .....	20.95	16.2	38.04	17.7	17.14	12.5
<b>Healthcare practitioner and technical occupations</b>						
Dentists .....	29.32	3.1	32.08	1.7	28.91	3.6
Dentists, general .....	66.82	19.6	–	–	66.76	20.8
Dentists, general .....	69.57	21.0	–	–	69.67	22.3
Dietitians and nutritionists .....	23.37	3.9	26.71	8.6	23.12	4.1
Optometrists .....	51.61	8.2	–	–	51.61	8.2
Pharmacists .....	46.93	2.1	46.32	5.0	47.00	2.2
Physicians and surgeons .....	79.07	15.5	43.27	8.6	81.90	15.9
Anesthesiologists .....	77.61	28.8	–	–	80.15	29.5
Family and general practitioners ...	121.69	27.9	50.51	14.2	124.22	27.8
Internists, general .....	69.52	20.0	–	–	69.52	20.0
Pediatricians, general .....	56.74	23.8	–	–	56.74	23.8
Psychiatrists .....	71.90	7.9	61.16	15.5	76.61	6.6
Surgeons .....	63.21	47.9	–	–	66.54	49.9
Physician assistants .....	40.02	6.5	–	–	39.53	7.0
Registered nurses .....	30.61	.8	36.39	1.9	29.35	.9
Therapists .....	30.30	2.6	35.94	4.4	29.58	2.9
Audiologists .....	28.23	9.9	–	–	27.43	10.6
Occupational therapists .....	32.87	4.4	37.03	7.7	32.08	5.1
Physical therapists .....	34.21	3.2	38.73	6.5	34.08	3.3
Radiation therapists .....	33.60	8.2	–	–	33.67	8.7
Recreational therapists .....	18.70	7.3	–	–	18.43	7.7

See footnotes at end of table.

**Table 13 Union and nonunion workers: Mean hourly earnings<sup>1</sup> for civilian workers by bargaining status — Continued**

Occupation <sup>2</sup>	Civilian workers		Union Workers		Nonunion workers	
	Mean	Relative error <sup>3</sup>	Mean	Relative error <sup>3</sup>	Mean	Relative error <sup>3</sup>
<b>Healthcare practitioner and technical occupations –Continued</b>						
Respiratory therapists .....	\$24.11	1.6%	\$29.22	3.8%	\$23.75	1.8%
Speech-language pathologists .....	36.05	7.5	38.51	5.3	34.67	11.7
Veterinarians .....	45.45	7.7	–	–	45.45	7.7
Clinical laboratory technologists and technicians .....	19.56	2.1	21.61	4.8	19.38	2.2
Medical and clinical laboratory technologists .....	23.43	3.5	26.54	13.5	23.22	3.7
Medical and clinical laboratory technicians .....	17.09	2.4	19.33	2.9	16.87	2.6
Dental hygienists .....	32.19	5.1	–	–	32.19	5.1
Diagnostic related technologists and technicians .....	26.05	2.8	26.48	7.1	25.99	3.0
Cardiovascular technologists and technicians .....	23.60	9.6	22.22	13.0	23.73	10.2
Diagnostic medical sonographers ..	32.66	4.7	–	–	33.06	5.4
Nuclear medicine technologists .....	34.10	6.9	–	–	34.49	6.9
Radiologic technologists and technicians .....	25.43	2.4	26.53	9.3	25.27	2.4
Emergency medical technicians and paramedics .....	15.57	4.3	20.36	8.2	14.74	4.1
Health diagnosing and treating practitioner support technicians ...	15.91	1.9	18.50	2.9	15.42	2.0
Dietetic technicians .....	11.58	15.2	–	–	11.25	16.5
Pharmacy technicians .....	14.03	1.6	17.85	3.4	13.44	1.6
Psychiatric technicians .....	15.78	7.0	19.49	4.9	12.16	3.6
Respiratory therapy technicians ....	22.21	2.7	–	–	22.49	2.7
Surgical technologists .....	18.90	2.6	19.23	10.3	18.88	2.7
Veterinary technologists and technicians .....	14.94	6.0	–	–	14.94	7.3
Licensed practical and licensed vocational nurses .....	18.64	1.0	21.07	2.3	18.36	1.1
Medical records and health information technicians .....	15.69	4.5	18.50	9.3	15.53	4.8
Miscellaneous health technologists and technicians .....	17.88	4.9	23.22	18.3	17.46	4.8
Occupational health and safety specialists and technicians .....	25.28	4.4	26.60	3.6	24.97	5.6
Occupational health and safety specialists .....	24.52	5.2	26.62	4.5	23.95	6.6
Miscellaneous healthcare practitioner and technical workers .....	19.23	14.8	–	–	19.00	14.9
Athletic trainers .....	17.25	6.9	–	–	16.92	4.6

See footnotes at end of table.

**Table 13 Union and nonunion workers: Mean hourly earnings<sup>1</sup> for civilian workers by bargaining status — Continued**

Occupation <sup>2</sup>	Civilian workers		Union Workers		Nonunion workers	
	Mean	Relative error <sup>3</sup>	Mean	Relative error <sup>3</sup>	Mean	Relative error <sup>3</sup>
<b>Healthcare support occupations</b> .....	\$12.22	1.4%	\$14.06	2.6%	\$11.94	1.6%
Nursing, psychiatric, and home health aides .....	10.93	1.1	13.40	2.9	10.43	1.1
Home health aides .....	9.28	3.5	10.60	1.8	9.09	3.3
Nursing aides, orderlies, and attendants .....	11.30	1.3	13.76	2.3	10.84	1.2
Psychiatric aides .....	12.17	3.0	14.61	4.2	10.64	2.9
Occupational therapist assistants and aides .....	15.13	8.7	17.59	5.3	14.50	10.5
Occupational therapist assistants ...	18.25	12.8	—	—	17.54	14.8
Occupational therapist aides .....	12.69	7.3	—	—	11.91	7.5
Physical therapist assistants and aides	17.68	9.9	16.06	8.4	17.78	10.4
Physical therapist assistants .....	22.82	12.0	17.63	7.8	22.99	12.3
Physical therapist aides .....	12.03	5.7	15.39	11.2	11.73	6.2
Massage therapists .....	20.78	13.4	—	—	20.78	13.4
Miscellaneous healthcare support occupations .....	13.88	1.7	16.32	2.7	13.68	2.0
Dental assistants .....	16.48	2.6	15.96	9.4	16.50	2.6
Medical assistants .....	13.48	2.6	16.77	4.2	13.24	3.0
Medical equipment preparers .....	14.13	3.9	15.70	6.4	13.78	4.8
Medical transcriptionists .....	15.14	4.3	17.59	7.6	14.93	4.3
Pharmacy aides .....	11.00	5.6	16.31	11.6	10.28	4.7
Veterinary assistants and laboratory animal caretakers ....	11.50	6.8	—	—	11.43	7.0
<b>Protective service occupations</b> .....	17.55	2.2	24.90	1.6	13.64	2.6
First-line supervisors/managers, law enforcement workers .....	31.21	3.1	36.78	2.2	26.94	5.0
First-line supervisors/managers of correctional officers .....	22.82	10.9	27.94	5.4	21.15	14.4
First-line supervisors/managers of police and detectives .....	34.41	2.4	38.42	1.9	30.31	3.9
First-line supervisors/managers of fire fighting and prevention workers .....	26.01	4.1	27.51	5.3	23.59	5.7
Fire fighters .....	19.99	3.0	22.19	3.3	14.71	3.2
Fire inspectors .....	21.51	9.3	22.69	9.3	20.35	15.7
Fire inspectors and investigators ...	21.51	9.5	22.78	9.8	20.35	15.7
Bailiffs, correctional officers, and jailers .....	18.03	3.7	21.87	3.4	14.06	3.9
Bailiffs .....	23.99	9.4	27.10	6.7	17.08	9.8
Correctional officers and jailers ....	17.90	3.7	21.71	3.4	14.02	3.9
Detectives and criminal investigators	27.22	4.3	33.51	4.1	20.03	4.4
Fish and game wardens .....	21.21	6.9	—	—	—	—

See footnotes at end of table.

**Table 13 Union and nonunion workers: Mean hourly earnings<sup>1</sup> for civilian workers by bargaining status — Continued**

Occupation <sup>2</sup>	Civilian workers		Union Workers		Nonunion workers	
	Mean	Relative error <sup>3</sup>	Mean	Relative error <sup>3</sup>	Mean	Relative error <sup>3</sup>
<b>Protective service occupations</b>						
–Continued						
Parking enforcement workers .....	\$14.10	8.8%	\$17.29	11.1%	\$11.98	4.6%
Police officers .....	25.04	1.5	28.16	1.3	19.69	2.5
Police and sheriff’s patrol officers	25.04	1.5	28.16	1.3	19.69	2.5
Animal control workers .....	13.99	6.0	–	–	13.35	3.9
Private detectives and investigators ...	14.17	5.9	–	–	14.17	5.9
Security guards and gaming						
surveillance officers .....	11.13	2.2	16.09	4.0	10.73	2.0
Security guards .....	11.11	2.2	16.10	4.0	10.70	2.0
Miscellaneous protective service						
workers .....	11.90	3.9	17.17	6.8	10.38	3.7
Crossing guards .....	11.66	5.6	15.01	9.0	10.47	6.9
Lifeguards, ski patrol, and other						
recreational protective service						
workers .....	9.63	5.9	20.55	5.4	8.62	2.0
<b>Food preparation and serving related occupations</b>						
.....	8.31	1.0	12.15	1.9	8.09	1.0
First-line supervisors/managers, food						
preparation and serving workers	15.00	1.8	16.96	4.8	14.90	1.8
Chefs and head cooks .....	16.52	4.8	15.19	9.8	16.60	5.1
First-line supervisors/managers of						
food preparation and serving						
workers .....	14.80	2.0	17.25	5.6	14.68	2.0
Cooks .....	10.10	1.2	14.11	2.8	9.86	1.2
Cooks, fast food .....	7.81	1.7	–	–	7.71	1.7
Cooks, institution and cafeteria ....	11.36	1.7	14.03	3.3	10.87	1.7
Cooks, restaurant .....	10.41	1.4	14.49	4.7	10.27	1.5
Cooks, short order .....	9.37	3.2	–	–	9.30	3.3
Food preparation workers .....	9.12	1.6	11.69	3.2	8.67	1.6
Food service, tipped .....	5.55	2.0	9.38	6.0	5.41	2.1
Bartenders .....	7.13	2.0	10.54	8.7	7.06	2.1
Waiters and waitresses .....	4.81	2.8	8.48	10.2	4.72	3.0
Dining room and cafeteria						
attendants and bartender						
helpers .....	7.20	2.6	10.09	5.7	6.88	2.6
Fast food and counter workers .....	8.01	1.0	12.00	3.4	7.85	1.1
Combined food preparation and						
serving workers, including fast						
food .....	7.94	1.2	11.98	4.0	7.77	1.2
Counter attendants, cafeteria, food						
concession, and coffee shop ....	8.35	2.3	12.06	6.9	8.18	2.4
Food servers, nonrestaurant .....	8.49	5.1	11.55	2.8	7.97	5.9

See footnotes at end of table.

**Table 13 Union and nonunion workers: Mean hourly earnings<sup>1</sup> for civilian workers by bargaining status — Continued**

Occupation <sup>2</sup>	Civilian workers		Union Workers		Nonunion workers	
	Mean	Relative error <sup>3</sup>	Mean	Relative error <sup>3</sup>	Mean	Relative error <sup>3</sup>
<b>Food preparation and serving related occupations –Continued</b>						
Dishwashers .....	\$8.30	1.8%	\$12.35	2.8%	\$8.14	1.2%
Hosts and hostesses, restaurant, lounge, and coffee shop .....	7.90	3.6	10.42	6.2	7.81	3.6
<b>Building and grounds cleaning and maintenance occupations .....</b>	11.77	2.3	14.88	2.5	10.87	2.0
First-line supervisors/managers, building and grounds cleaning and maintenance workers .....	19.01	5.6	22.39	6.9	18.69	6.6
First-line supervisors/managers of housekeeping and janitorial workers .....	17.39	4.3	22.43	7.4	16.74	6.0
First-line supervisors/managers of landscaping, lawn service, and groundskeeping workers .....	22.82	10.3	–	–	22.85	10.5
Building cleaning workers .....	10.90	2.5	14.42	3.3	9.71	1.4
Janitors and cleaners, except maids and housekeeping cleaners .....	11.38	2.7	14.49	3.2	10.05	1.8
Maids and housekeeping cleaners .....	9.14	1.7	12.66	3.7	8.71	1.6
Pest control workers .....	16.35	4.4	–	–	16.27	4.5
Grounds maintenance workers .....	12.28	2.7	16.88	4.7	11.39	3.1
Landscaping and groundskeeping workers .....	11.99	3.1	16.58	5.9	11.16	3.3
Pesticide handlers, sprayers, and applicators, vegetation .....	13.52	2.9	–	–	13.52	2.9
Tree trimmers and pruners .....	18.78	7.6	23.94	5.4	17.61	7.7
<b>Personal care and service occupations .....</b>	10.74	5.2	17.09	2.8	10.02	4.8
First-line supervisors/managers of gaming workers .....	14.46	3.5	–	–	14.48	3.6
Gaming supervisors .....	16.57	6.9	–	–	16.57	6.9
Slot key persons .....	11.37	1.8	–	–	11.38	1.9
First-line supervisors/managers of personal service workers .....	15.65	3.0	–	–	15.45	3.4
Nonfarm animal caretakers .....	8.84	5.6	–	–	8.72	5.5
Gaming services workers .....	6.57	6.7	11.35	9.6	6.53	6.2
Gaming dealers .....	6.34	2.6	–	–	6.34	2.6
Gaming and sports book writers and runners .....	10.04	19.7	–	–	10.04	19.7
Ushers, lobby attendants, and ticket takers .....	10.86	7.5	12.45	9.7	9.11	11.2

See footnotes at end of table.

**Table 13 Union and nonunion workers: Mean hourly earnings<sup>1</sup> for civilian workers by bargaining status — Continued**

Occupation <sup>2</sup>	Civilian workers		Union Workers		Nonunion workers	
	Mean	Relative error <sup>3</sup>	Mean	Relative error <sup>3</sup>	Mean	Relative error <sup>3</sup>
<b>Personal care and service occupations –Continued</b>						
Miscellaneous entertainment attendants and related workers ....	\$8.71	4.4%	\$11.79	5.6%	\$8.50	4.6%
Amusement and recreation attendants .....	8.34	5.8	–	–	8.07	5.8
Locker room, coatroom, and dressing room attendants .....	9.94	6.0	–	–	9.96	6.2
Funeral attendants .....	10.92	8.5	–	–	10.92	8.5
Barbers and cosmetologists .....	13.23	4.9	–	–	13.32	5.1
Barbers .....	11.91	8.6	–	–	–	–
Hairdressers, hairstylists, and cosmetologists .....	13.35	5.1	–	–	13.46	5.3
Miscellaneous personal appearance workers .....	13.26	13.6	–	–	12.43	14.0
Manicurists and pedicurists .....	10.51	10.7	–	–	10.51	10.7
Skin care specialists .....	19.07	12.7	–	–	19.07	12.7
Baggage porters, bellhops, and concierges .....	10.07	9.5	14.73	19.9	9.22	4.1
Baggage porters and bellhops .....	8.12	4.0	7.55	5.7	8.17	4.3
Concierges .....	13.43	8.6	–	–	11.52	9.4
Tour and travel guides .....	11.58	6.4	–	–	11.43	7.0
Tour guides and escorts .....	11.39	6.5	–	–	11.22	7.2
Transportation attendants .....	31.94	3.9	33.05	3.1	28.27	14.6
Flight attendants .....	37.08	1.9	35.33	1.8	–	–
Transportation attendants, except flight attendants and baggage porters .....	12.07	8.2	15.25	7.0	9.74	7.1
Child care workers .....	9.23	1.6	12.23	5.1	8.88	1.7
Personal and home care aides .....	9.19	6.0	9.63	5.9	9.11	7.4
Recreation and fitness workers .....	12.47	3.6	15.67	6.2	12.26	3.7
Fitness trainers and aerobics instructors .....	15.12	6.3	–	–	15.12	6.3
Recreation workers .....	11.73	3.4	15.67	6.2	11.39	3.4
Residential advisors .....	10.47	16.6	–	–	9.36	16.2
<b>Sales and related occupations .....</b>	17.27	1.5	15.38	4.6	17.36	1.6
First-line supervisors/managers, sales workers .....	20.73	4.0	19.89	2.9	20.74	4.1
First-line supervisors/managers of retail sales workers .....	17.78	2.2	19.80	3.0	17.75	2.3
First-line supervisors/managers of non-retail sales workers .....	30.22	9.0	–	–	30.23	9.0
Retail sales workers .....	11.26	1.4	12.93	2.8	11.17	1.5

See footnotes at end of table.

**Table 13 Union and nonunion workers: Mean hourly earnings<sup>1</sup> for civilian workers by bargaining status — Continued**

Occupation <sup>2</sup>	Civilian workers		Union Workers		Nonunion workers	
	Mean	Relative error <sup>3</sup>	Mean	Relative error <sup>3</sup>	Mean	Relative error <sup>3</sup>
<b>Sales and related occupations</b>						
–Continued						
Cashiers, all workers .....	\$9.30	1.3%	\$12.58	3.6%	\$8.88	1.3%
Cashiers .....	9.19	.9	12.58	3.6	8.74	.9
Gaming change persons and booth cashiers .....	12.24	7.7	–	–	12.23	7.9
Counter and rental clerks and parts salespersons .....	12.81	5.5	16.83	6.7	12.70	5.8
Counter and rental clerks .....	11.18	11.5	16.11	8.3	11.03	12.1
Parts salespersons .....	14.86	3.2	17.90	15.6	14.78	3.3
Retail salespersons .....	12.62	2.4	13.92	9.5	12.61	2.4
Advertising sales agents .....	24.62	9.8	–	–	22.60	7.4
Insurance sales agents .....	27.43	7.6	–	–	27.43	7.6
Securities, commodities, and financial services sales agents .....	61.87	8.3	–	–	61.87	8.3
Travel agents .....	14.73	10.8	–	–	14.79	11.1
Sales representatives, wholesale and manufacturing .....	31.68	5.0	20.74	15.5	31.96	5.2
Sales representatives, wholesale and manufacturing, technical and scientific products .....	41.62	13.2	–	–	41.62	13.2
Sales representatives, wholesale and manufacturing, except technical and scientific products .....	28.13	2.7	20.74	15.5	28.39	2.9
Models, demonstrators, and product promoters .....	14.24	8.6	–	–	14.23	8.7
Demonstrators and product promoters .....	14.24	8.6	–	–	14.23	8.7
Real estate brokers and sales agents ..	26.68	14.4	–	–	26.68	14.4
Real estate brokers .....	23.25	18.3	–	–	23.25	18.3
Real estate sales agents .....	27.25	15.8	–	–	27.25	15.8
Sales engineers .....	33.81	5.0	–	–	33.91	5.1
Telemarketers .....	11.68	10.0	–	–	11.22	8.8
Miscellaneous sales and related workers .....	17.10	10.4	16.31	8.8	17.12	10.7
Door-to-door sales workers, news and street vendors, and related workers .....	14.78	20.5	–	–	14.75	20.6
<b>Office and administrative support occupations</b> .....	15.27	.6	18.36	1.8	14.93	.6

See footnotes at end of table.

**Table 13 Union and nonunion workers: Mean hourly earnings<sup>1</sup> for civilian workers by bargaining status — Continued**

Occupation <sup>2</sup>	Civilian workers		Union Workers		Nonunion workers	
	Mean	Relative error <sup>3</sup>	Mean	Relative error <sup>3</sup>	Mean	Relative error <sup>3</sup>
<b>Office and administrative support occupations –Continued</b>						
First-line supervisors/managers of office and administrative support workers .....	\$21.96	1.5%	\$21.92	4.2%	\$21.96	1.6%
Switchboard operators, including answering service .....	11.87	4.6	16.64	5.6	11.26	4.0
Telephone operators .....	14.53	10.1	19.24	3.9	11.93	9.3
Financial clerks .....	14.61	1.1	19.12	1.6	14.37	1.1
Bill and account collectors .....	14.80	4.8	20.72	3.3	14.44	5.2
Billing and posting clerks and machine operators .....	14.46	2.1	19.46	3.3	14.22	2.2
Bookkeeping, accounting, and auditing clerks .....	15.58	1.2	18.85	2.2	15.35	1.2
Gaming cage workers .....	10.67	3.0	–	–	10.69	3.1
Payroll and timekeeping clerks .....	17.39	1.5	20.44	3.8	17.16	1.5
Procurement clerks .....	16.57	3.4	22.51	7.1	16.26	3.6
Tellers .....	11.51	1.0	13.31	8.3	11.50	1.0
Brokerage clerks .....	18.86	4.5	–	–	18.75	4.3
Correspondence clerks .....	15.53	6.5	–	–	15.35	6.7
Court, municipal, and license clerks ..	16.27	3.1	19.13	5.0	14.80	3.3
Credit authorizers, checkers, and clerks .....	15.31	5.8	–	–	15.26	5.9
Customer service representatives .....	15.52	1.7	23.79	3.2	14.76	1.7
Eligibility interviewers, government programs .....	16.84	2.4	18.78	3.6	15.49	2.9
File clerks .....	12.14	4.0	16.19	4.8	11.95	4.3
Hotel, motel, and resort desk clerks ..	9.53	1.6	17.55	2.4	9.49	1.5
Interviewers, except eligibility and loan .....	12.51	4.6	16.76	5.0	12.16	5.0
Library assistants, clerical .....	12.27	2.3	14.64	4.4	11.22	2.6
Loan interviewers and clerks .....	15.91	2.6	–	–	15.87	2.6
New accounts clerks .....	14.03	3.3	–	–	14.03	3.3
Order clerks .....	14.66	3.2	21.55	4.3	14.15	3.4
Human resources assistants, except payroll and timekeeping .....	17.21	2.2	18.02	8.3	17.13	2.4
Receptionists and information clerks	12.46	1.4	15.64	3.3	12.37	1.4
Reservation and transportation ticket agents and travel clerks .....	14.27	6.5	17.04	3.2	13.03	8.0
Cargo and freight agents .....	22.66	21.7	–	–	16.31	5.8
Couriers and messengers .....	11.09	3.5	–	–	10.83	3.4
Dispatchers .....	16.99	2.4	23.57	3.4	15.43	3.2
Police, fire, and ambulance dispatchers .....	16.26	3.9	20.57	4.3	13.69	4.2

See footnotes at end of table.

**Table 13 Union and nonunion workers: Mean hourly earnings<sup>1</sup> for civilian workers by bargaining status — Continued**

Occupation <sup>2</sup>	Civilian workers		Union Workers		Nonunion workers	
	Mean	Relative error <sup>3</sup>	Mean	Relative error <sup>3</sup>	Mean	Relative error <sup>3</sup>
<b>Office and administrative support occupations –Continued</b>						
Dispatchers, except police, fire, and ambulance .....	\$17.32	3.0%	\$28.18	4.1%	\$15.98	3.5%
Meter readers, utilities .....	16.66	5.9	20.37	6.1	13.03	5.6
Production, planning, and expediting clerks .....	19.30	2.8	21.53	5.0	18.88	3.2
Shipping, receiving, and traffic clerks	13.16	1.6	16.88	4.6	12.74	1.5
Stock clerks and order fillers .....	11.86	1.5	13.41	2.8	11.39	1.7
Weighers, measurers, checkers, and samplers, recordkeeping .....	12.98	4.6	17.63	8.0	12.30	5.5
Secretaries and administrative assistants .....	18.19	.9	18.76	3.0	18.13	.9
Executive secretaries and administrative assistants .....	20.73	1.4	19.82	6.0	20.81	1.5
Legal secretaries .....	20.71	5.2	23.62	7.3	20.64	5.3
Medical secretaries .....	14.87	3.0	16.50	4.2	14.78	3.2
Secretaries, except legal, medical, and executive .....	16.23	1.4	18.31	4.2	15.87	1.4
Computer operators .....	16.05	6.2	20.09	4.0	15.82	6.4
Data entry and information processing workers .....	13.97	1.8	15.78	2.1	13.60	2.0
Data entry keyers .....	13.20	2.4	15.06	4.9	13.05	2.5
Word processors and typists .....	15.97	3.3	16.12	2.5	15.86	5.4
Desktop publishers .....	18.89	6.4	–	–	18.35	7.2
Insurance claims and policy processing clerks .....	15.90	2.1	19.19	2.5	15.74	2.1
Mail clerks and mail machine operators, except postal service ...	12.20	4.4	19.37	10.9	11.70	3.7
Office clerks, general .....	14.12	1.2	16.96	2.1	13.68	1.4
Office machine operators, except computer .....	12.59	3.1	–	–	12.58	3.1
Proofreaders and copy markers .....	12.38	7.7	–	–	12.38	7.7
Statistical assistants .....	18.70	6.3	–	–	18.39	7.1
<b>Farming, fishing, and forestry occupations</b>						
Graders and sorters, agricultural products .....	12.56	6.7	16.52	8.2	11.92	7.8
Miscellaneous agricultural workers ...	9.40	7.8	9.47	6.5	9.38	9.1
Farmworkers and laborers, crop, nursery, and greenhouse .....	10.69	10.0	15.74	6.8	10.06	8.3
Forest and conservation workers .....	11.21	11.2	–	–	10.66	9.5
Logging workers .....	12.07	19.7	–	–	–	–
	17.19	14.3	–	–	12.64	9.4

See footnotes at end of table.

**Table 13 Union and nonunion workers: Mean hourly earnings<sup>1</sup> for civilian workers by bargaining status — Continued**

Occupation <sup>2</sup>	Civilian workers		Union Workers		Nonunion workers	
	Mean	Relative error <sup>3</sup>	Mean	Relative error <sup>3</sup>	Mean	Relative error <sup>3</sup>
<b>Construction and extraction occupations</b> .....	\$20.14	1.6%	\$28.04	1.5%	\$17.09	1.5%
First-line supervisors/managers of construction trades and extraction workers .....	27.12	3.1	33.59	4.1	24.74	3.2
Boilermakers .....	24.28	6.3	26.51	3.0	—	—
Brickmasons, blockmasons, and stonemasons .....	25.86	5.8	29.72	3.5	23.82	11.9
Brickmasons and blockmasons .....	26.37	5.7	29.88	3.8	24.39	12.2
Carpenters .....	20.92	2.8	27.64	4.1	18.88	2.2
Carpet, floor, and tile installers and finishers .....	20.48	9.9	32.36	8.7	17.02	4.1
Carpet installers .....	25.75	16.9	—	—	—	—
Tile and marble setters .....	18.71	8.2	—	—	16.46	2.9
Cement masons, concrete finishers, and terrazzo workers .....	19.75	4.1	27.13	4.8	17.69	4.3
Cement masons and concrete finishers .....	19.72	4.0	27.20	5.1	17.69	4.3
Construction laborers .....	15.81	4.9	23.59	3.2	13.32	4.7
Construction equipment operators .....	19.46	3.9	26.08	4.1	17.03	4.5
Paving, surfacing, and tamping equipment operators .....	16.04	5.8	26.86	7.3	15.36	6.1
Operating engineers and other construction equipment operators .....	20.49	4.7	26.04	4.2	17.74	5.8
Drywall installers, ceiling tile installers, and tapers .....	19.12	6.8	27.20	9.2	17.10	3.7
Drywall and ceiling tile installers ..	19.02	7.4	28.92	11.5	17.03	4.2
Tapers .....	19.49	7.4	24.10	5.8	17.40	5.5
Electricians .....	23.31	4.6	29.08	5.2	17.89	3.1
Glaziers .....	17.79	18.5	—	—	13.23	24.0
Insulation workers .....	16.79	7.8	21.70	14.7	15.06	5.1
Insulation workers, floor, ceiling, and wall .....	13.96	6.2	—	—	13.93	6.3
Insulation workers, mechanical .....	18.72	10.0	21.68	14.8	—	—
Painters and paperhangers .....	16.28	6.5	27.17	11.5	15.11	5.6
Painters, construction and maintenance .....	16.19	6.6	27.17	11.5	15.00	5.6
Pipelayers, plumbers, pipefitters, and steamfitters .....	23.57	6.7	30.13	7.5	18.43	3.0
Pipelayers .....	17.25	10.5	23.84	14.5	13.25	5.0
Plumbers, pipefitters, and steamfitters .....	24.03	7.0	30.52	7.3	18.86	3.1
Plasterers and stucco masons .....	16.45	3.4	—	—	16.23	3.4

See footnotes at end of table.

**Table 13 Union and nonunion workers: Mean hourly earnings<sup>1</sup> for civilian workers by bargaining status — Continued**

Occupation <sup>2</sup>	Civilian workers		Union Workers		Nonunion workers	
	Mean	Relative error <sup>3</sup>	Mean	Relative error <sup>3</sup>	Mean	Relative error <sup>3</sup>
<b>Construction and extraction occupations –Continued</b>						
Roofers .....	\$17.79	8.6%	\$24.91	2.4%	\$16.72	10.1%
Sheet metal workers .....	20.03	8.3	29.56	7.9	15.72	4.7
Structural iron and steel workers .....	28.77	15.7	31.98	15.2	17.73	7.1
Helpers, construction trades .....	13.30	2.6	20.16	9.4	12.66	3.1
Helpers--brickmasons, blockmasons, stonemasons, and tile and marble setters .....	16.46	12.4	–	–	14.80	16.5
Helpers--carpenters .....	13.60	5.4	–	–	13.35	5.3
Helpers--electricians .....	10.81	3.6	–	–	10.48	3.5
Helpers--painters, paperhangers, plasterers, and stucco masons ..	10.69	4.4	–	–	10.69	4.4
Helpers--pipelayers, plumbers, pipefitters, and steamfitters .....	12.98	4.0	–	–	12.90	4.2
Helpers--roofers .....	10.10	3.7	–	–	10.10	3.7
Construction and building inspectors	24.55	3.7	27.90	3.0	23.12	5.2
Elevator installers and repairers .....	39.19	12.8	39.37	12.9	–	–
Hazardous materials removal workers .....	19.43	25.5	–	–	13.64	17.4
Highway maintenance workers .....	16.16	3.7	19.06	5.9	14.56	3.1
Septic tank servicers and sewer pipe cleaners .....	17.98	10.9	22.11	8.2	17.55	13.1
Miscellaneous construction and related workers .....	17.03	5.2	25.15	10.7	15.15	5.4
Derrick, rotary drill, and service unit operators, oil, gas, and mining .....	21.66	20.8	–	–	21.34	21.1
Service unit operators, oil, gas, and mining .....	22.89	10.8	–	–	21.77	17.0
Earth drillers, except oil and gas .....	16.88	9.5	–	–	–	–
Mining machine operators .....	21.62	7.3	–	–	21.68	8.2
Mine cutting and channeling machine operators .....	18.61	5.0	–	–	18.64	4.9
Roustabouts, oil and gas .....	19.20	8.9	–	–	19.20	8.9
Helpers--extraction workers .....	12.61	8.4	–	–	12.29	7.8
<b>Installation, maintenance, and repair occupations</b> .....	20.20	1.1	25.31	1.4	18.45	1.3
First-line supervisors/managers of mechanics, installers, and repairers .....	26.64	3.5	32.84	6.1	26.00	3.8
Computer, automated teller, and office machine repairers .....	17.37	5.5	–	–	17.29	6.0

See footnotes at end of table.

**Table 13 Union and nonunion workers: Mean hourly earnings<sup>1</sup> for civilian workers by bargaining status — Continued**

Occupation <sup>2</sup>	Civilian workers		Union Workers		Nonunion workers	
	Mean	Relative error <sup>3</sup>	Mean	Relative error <sup>3</sup>	Mean	Relative error <sup>3</sup>
<b>Installation, maintenance, and repair occupations –Continued</b>						
Radio and telecommunications equipment installers and repairers	\$26.95	2.7%	\$29.15	1.4%	\$19.77	7.6%
Telecommunications equipment installers and repairers, except line installers .....	26.94	2.7	29.17	1.4	19.77	7.6
Miscellaneous electrical and electronic equipment mechanics, installers, and repairers .....	19.35	5.1	26.86	4.7	17.04	6.5
Avionics technicians .....	14.22	27.3	28.17	4.9	–	–
Electric motor, power tool, and related repairers .....	14.05	6.1	–	–	–	–
Electrical and electronics installers and repairers, transportation equipment .....	23.92	5.9	24.86	5.7	21.83	11.6
Electrical and electronics repairers, commercial and industrial equipment .....	21.42	6.5	26.34	6.9	18.66	4.2
Electrical and electronics repairers, powerhouse, substation, and relay .....	29.65	5.9	30.78	6.8	26.52	15.1
Electronic equipment installers and repairers, motor vehicles .....	16.50	7.7	–	–	16.50	7.7
Electronic home entertainment equipment installers and repairers .....	14.49	6.8	–	–	14.49	6.8
Security and fire alarm systems installers .....	19.34	5.6	–	–	19.53	6.0
Aircraft mechanics and service technicians .....	26.86	5.8	27.25	2.7	26.50	11.5
Automotive technicians and repairers	18.46	2.3	20.51	5.0	18.31	2.4
Automotive body and related repairers .....	17.29	7.9	20.09	7.6	17.15	8.3
Automotive glass installers and repairers .....	17.60	8.7	–	–	17.60	8.7
Automotive service technicians and mechanics .....	18.79	2.7	20.59	6.0	18.64	2.8
Bus and truck mechanics and diesel engine specialists .....	19.78	2.2	23.05	3.2	18.31	2.5
Heavy vehicle and mobile equipment service technicians and mechanics .....	19.45	2.8	23.62	4.1	18.14	2.6
Farm equipment mechanics .....	15.90	6.4	–	–	15.88	6.4

See footnotes at end of table.

**Table 13 Union and nonunion workers: Mean hourly earnings<sup>1</sup> for civilian workers by bargaining status — Continued**

Occupation <sup>2</sup>	Civilian workers		Union Workers		Nonunion workers	
	Mean	Relative error <sup>3</sup>	Mean	Relative error <sup>3</sup>	Mean	Relative error <sup>3</sup>
<b>Installation, maintenance, and repair occupations –Continued</b>						
Mobile heavy equipment mechanics, except engines .....	\$20.27	2.8%	\$23.40	5.2%	\$19.19	3.1%
Rail car repairers .....	23.07	4.5	–	–	17.23	3.5
Small engine mechanics .....	16.35	4.9	–	–	16.35	4.9
Motorboat mechanics .....	16.15	11.9	–	–	16.15	11.9
Motorcycle mechanics .....	17.64	12.6	–	–	17.64	12.6
Outdoor power equipment and other small engine mechanics ..	15.95	4.2	–	–	15.95	4.2
Miscellaneous vehicle and mobile equipment mechanic, installers, and repairers .....	10.45	4.8	–	–	10.41	4.8
Tire repairers and changers .....	10.42	5.2	–	–	10.37	5.3
Control and valve installers and repairers .....	20.31	5.5	24.93	5.6	17.07	7.9
Control and valve installers and repairers, except mechanical door .....	21.69	4.4	24.93	5.6	18.55	7.2
Heating, air conditioning, and refrigeration mechanics and installers .....	20.49	3.7	25.96	6.5	19.09	3.9
Home appliance repairers .....	19.23	7.4	27.89	5.0	17.17	6.3
Industrial machinery installation, repair, and maintenance workers	19.48	1.5	23.56	2.5	17.75	1.4
Industrial machinery mechanics ....	22.55	1.8	25.10	2.5	20.75	1.9
Maintenance and repair workers, general .....	17.51	2.0	21.90	4.0	16.35	2.1
Maintenance workers, machinery ..	17.78	4.0	20.82	8.7	16.76	2.3
Millwrights .....	22.88	5.1	26.65	3.6	19.49	6.4
Refractory materials repairers, except brickmasons .....	19.96	5.9	–	–	–	–
Line installers and repairers .....	25.95	2.5	28.57	2.0	20.53	4.3
Electrical power-line installers and repairers .....	27.26	3.4	28.89	4.1	23.17	5.5
Telecommunications line installers and repairers .....	25.09	3.8	28.34	1.6	19.13	5.9
Precision instrument and equipment repairers .....	21.33	5.7	–	–	19.96	7.4
Medical equipment repairers .....	20.34	10.5	–	–	20.34	10.5
Miscellaneous installation, maintenance, and repair workers	15.49	2.4	19.35	7.2	14.55	2.9
Coin, vending, and amusement machine servicers and repairers	14.99	7.5	–	–	14.41	7.2

See footnotes at end of table.

**Table 13 Union and nonunion workers: Mean hourly earnings<sup>1</sup> for civilian workers by bargaining status — Continued**

Occupation <sup>2</sup>	Civilian workers		Union Workers		Nonunion workers	
	Mean	Relative error <sup>3</sup>	Mean	Relative error <sup>3</sup>	Mean	Relative error <sup>3</sup>
<b>Installation, maintenance, and repair occupations</b> –Continued						
Locksmiths and safe repairers .....	\$17.28	12.3%	–	–	\$15.09	11.0%
Manufactured building and mobile home installers .....	11.64	15.7	–	–	11.64	15.7
Riggers .....	19.05	18.1	–	–	18.44	20.7
Helpers--installation, maintenance, and repair workers .....	12.33	2.5	\$14.34	5.7%	11.89	3.2
<b>Production occupations</b> .....	15.44	1.1	19.82	2.1	14.25	1.0
First-line supervisors/managers of production and operating workers	23.67	1.9	24.67	6.5	23.64	2.0
Aircraft structure, surfaces, rigging, and systems assemblers .....	22.56	6.3	23.97	4.6	21.24	15.9
Electrical, electronics, and electromechanical assemblers .....	13.47	2.7	15.66	6.5	13.02	3.2
Coil winders, tapers, and finishers	11.50	7.1	14.60	20.2	11.07	6.5
Electrical and electronic equipment assemblers .....	13.46	3.1	15.55	6.3	13.00	3.8
Electromechanical equipment assemblers .....	14.08	4.4	16.33	11.1	13.71	5.5
Engine and other machine assemblers	19.56	10.3	21.89	11.7	17.09	12.3
Structural metal fabricators and fitters .....	16.48	6.8	19.12	8.1	15.59	8.1
Miscellaneous assemblers and fabricators .....	15.27	4.0	23.23	2.9	12.10	3.9
Fiberglass laminators and fabricators .....	13.13	7.1	–	–	13.06	7.3
Team assemblers .....	18.04	9.9	25.29	6.4	13.26	6.9
Bakers .....	12.47	6.8	14.37	6.3	12.22	7.8
Butchers and other meat, poultry, and fish processing workers .....	12.26	5.0	12.89	11.4	11.89	3.1
Butchers and meat cutters .....	15.06	5.2	18.70	3.6	13.48	5.1
Meat, poultry, and fish cutters and trimmers .....	9.51	7.6	9.43	12.9	9.62	4.6
Slaughterers and meat packers .....	11.45	3.6	11.97	9.7	11.30	4.7
Miscellaneous food processing workers .....	12.96	3.6	16.43	3.5	11.41	4.1
Food and tobacco roasting, baking, and drying machine operators and tenders .....	12.85	9.3	15.67	6.0	11.56	11.9
Food batchmakers .....	13.65	3.9	16.96	3.6	11.99	3.9
Food cooking machine operators and tenders .....	11.40	8.5	15.57	9.8	10.05	7.9

See footnotes at end of table.

**Table 13 Union and nonunion workers: Mean hourly earnings<sup>1</sup> for civilian workers by bargaining status — Continued**

Occupation <sup>2</sup>	Civilian workers		Union Workers		Nonunion workers	
	Mean	Relative error <sup>3</sup>	Mean	Relative error <sup>3</sup>	Mean	Relative error <sup>3</sup>
<b>Production occupations –Continued</b>						
Computer control programmers and operators .....	\$17.76	4.5%	\$20.55	5.1%	\$17.35	5.3%
Computer-controlled machine tool operators, metal and plastic .....	16.70	4.0	20.28	4.9	16.12	4.7
Numerical tool and process control programmers .....	24.58	6.9	–	–	24.69	7.3
Forming machine setters, operators, and tenders, metal and plastic .....	14.85	3.7	16.92	3.5	13.93	4.5
Extruding and drawing machine setters, operators, and tenders, metal and plastic .....	14.29	4.6	16.57	5.1	13.32	4.9
Forging machine setters, operators, and tenders, metal and plastic ..	13.90	8.5	18.21	7.6	13.00	8.4
Rolling machine setters, operators, and tenders, metal and plastic ..	16.48	6.9	17.05	6.2	16.07	11.4
Machine tool cutting setters, operators, and tenders, metal and plastic .....	14.49	2.9	19.24	4.4	13.40	2.7
Cutting, punching, and press machine setters, operators, and tenders, metal and plastic .....	13.98	3.8	17.93	5.6	12.84	3.4
Drilling and boring machine tool setters, operators, and tenders, metal and plastic .....	14.31	9.0	23.05	6.3	12.55	7.8
Grinding, lapping, polishing, and buffing machine tool setters, operators, and tenders, metal and plastic .....	13.91	4.3	19.65	8.1	13.47	4.2
Lathe and turning machine tool setters, operators, and tenders, metal and plastic .....	16.90	5.8	21.72	6.6	15.29	5.7
Milling and planing machine setters, operators, and tenders, metal and plastic .....	17.06	9.4	–	–	16.05	10.4
Machinists .....	20.61	1.7	23.55	4.3	19.98	1.8
Metal furnace and kiln operators and tenders .....	18.09	5.6	19.29	2.2	16.91	10.9
Metal-refining furnace operators and tenders .....	18.40	7.9	19.59	3.1	16.96	17.1
Pourers and casters, metal .....	17.49	7.3	–	–	–	–
Model makers and patternmakers, metal and plastic .....	22.22	8.5	25.87	11.4	18.26	6.8
Model makers, metal and plastic ...	23.44	9.3	27.38	11.1	18.75	8.6

See footnotes at end of table.

**Table 13 Union and nonunion workers: Mean hourly earnings<sup>1</sup> for civilian workers by bargaining status — Continued**

Occupation <sup>2</sup>	Civilian workers		Union Workers		Nonunion workers	
	Mean	Relative error <sup>3</sup>	Mean	Relative error <sup>3</sup>	Mean	Relative error <sup>3</sup>
<b>Production occupations –Continued</b>						
Patternmakers, metal and plastic ...	\$17.69	15.1%	–	–	\$16.80	7.7%
Molders and molding machine setters, operators, and tenders, metal and plastic .....	13.20	3.2	\$17.83	5.4%	12.25	3.5
Foundry mold and coremakers .....	16.90	10.0	18.26	13.6	14.20	4.6
Molding, coremaking, and casting machine setters, operators, and tenders, metal and plastic .....	12.98	3.3	17.71	6.0	12.20	3.6
Multiple machine tool setters, operators, and tenders, metal and plastic .....	16.57	3.7	20.91	5.4	14.59	4.1
Tool and die makers .....	24.19	2.0	28.32	2.8	22.25	3.2
Welding, soldering, and brazing workers .....	17.03	2.5	20.64	4.8	15.85	3.1
Welders, cutters, solderers, and brazers .....	17.14	2.8	21.14	5.5	15.98	3.3
Welding, soldering, and brazing machine setters, operators, and tenders .....	16.29	5.4	18.68	8.9	14.74	5.9
Miscellaneous metalworkers and plastic workers .....	15.22	5.6	16.77	17.6	14.61	4.4
Heat treating equipment setters, operators, and tenders, metal and plastic .....	16.72	10.2	20.23	7.7	15.26	13.9
Lay-out workers, metal and plastic	18.41	13.4	24.24	23.0	15.93	2.2
Plating and coating machine setters, operators, and tenders, metal and plastic .....	15.40	8.1	20.53	5.7	14.00	7.8
Tool grinders, filers, and sharpeners .....	16.83	7.0	21.20	15.1	15.91	8.1
Bookbinders and bindery workers .....	13.22	3.5	18.91	9.0	11.99	5.3
Bindery workers .....	13.15	3.5	18.91	9.0	11.88	5.3
Printers .....	16.60	3.5	21.22	4.5	15.99	3.8
Job printers .....	17.28	6.0	19.93	5.6	16.08	7.0
Prepress technicians and workers ..	16.87	3.2	19.40	14.7	16.64	3.4
Printing machine operators .....	16.40	4.8	22.44	3.3	15.75	5.1
Laundry and dry-cleaning workers ....	10.19	4.7	12.10	4.9	9.92	5.7
Pressers, textile, garment, and related materials .....	9.48	6.5	9.98	8.7	9.43	7.2
Sewing machine operators .....	10.84	7.7	–	–	9.72	4.8
Tailors, dressmakers, and sewers .....	14.63	8.1	–	–	14.24	10.9
Sewers, hand .....	15.91	21.3	–	–	–	–

See footnotes at end of table.

**Table 13 Union and nonunion workers: Mean hourly earnings<sup>1</sup> for civilian workers by bargaining status — Continued**

Occupation <sup>2</sup>	Civilian workers		Union Workers		Nonunion workers	
	Mean	Relative error <sup>3</sup>	Mean	Relative error <sup>3</sup>	Mean	Relative error <sup>3</sup>
<b>Production occupations –Continued</b>						
Tailors, dressmakers, and custom sewers .....	\$14.52	7.2%	–	–	\$14.03	10.2%
Textile machine setters, operators, and tenders .....	11.99	4.7	\$18.12	18.9%	11.81	3.6
Textile bleaching and dyeing machine operators and tenders .....	13.01	10.6	–	–	13.06	10.9
Textile cutting machine setters, operators, and tenders .....	11.12	8.9	–	–	11.09	9.2
Textile knitting and weaving machine setters, operators, and tenders .....	12.38	6.2	–	–	12.38	6.2
Textile winding, twisting, and drawing out machine setters, operators, and tenders .....	12.04	6.7	–	–	11.59	4.0
Miscellaneous textile, apparel, and furnishings workers .....	13.46	7.1	16.91	5.4	12.89	7.8
Extruding and forming machine setters, operators, and tenders, synthetic and glass fibers .....	15.90	7.5	–	–	15.23	8.9
Fabric and apparel patternmakers ..	20.57	14.5	–	–	22.03	15.7
Upholsterers .....	15.53	11.8	–	–	15.22	15.9
Cabinetmakers and bench carpenters .....	13.73	4.2	–	–	13.50	4.1
Furniture finishers .....	12.64	9.2	–	–	12.20	8.7
Model makers and patternmakers, wood .....	18.75	12.0	–	–	18.75	12.0
Woodworking machine setters, operators, and tenders .....	12.54	3.0	12.79	13.0	12.53	3.1
Sawing machine setters, operators, and tenders, wood .....	11.91	5.0	–	–	11.88	5.4
Woodworking machine setters, operators, and tenders, except sawing .....	13.07	3.5	–	–	13.09	3.6
Power plant operators, distributors, and dispatchers .....	28.84	3.9	30.12	3.0	26.08	9.3
Power distributors and dispatchers .....	32.71	7.1	–	–	31.90	10.3
Power plant operators .....	26.51	4.6	28.22	2.6	24.16	10.1
Stationary engineers and boiler operators .....	25.33	5.6	28.08	5.8	22.37	9.8
Water and liquid waste treatment plant and system operators .....	19.03	4.1	22.21	5.3	17.17	4.3
Miscellaneous plant and system operators .....	25.46	5.5	25.04	5.8	25.67	7.2

See footnotes at end of table.

**Table 13 Union and nonunion workers: Mean hourly earnings<sup>1</sup> for civilian workers by bargaining status — Continued**

Occupation <sup>2</sup>	Civilian workers		Union Workers		Nonunion workers	
	Mean	Relative error <sup>3</sup>	Mean	Relative error <sup>3</sup>	Mean	Relative error <sup>3</sup>
<b>Production occupations –Continued</b>						
Chemical plant and system operators .....	\$23.92	5.1%	\$21.73	10.5%	\$24.65	5.4%
Gas plant operators .....	29.72	6.1	–	–	29.83	6.1
Petroleum pump system operators, refinery operators, and gaugers	25.78	7.2	29.46	1.9	20.96	20.6
Chemical processing machine setters, operators, and tenders .....	19.66	5.8	21.72	5.7	18.91	8.7
Chemical equipment operators and tenders .....	18.35	9.3	23.76	5.7	16.89	9.1
Separating, filtering, clarifying, precipitating, and still machine setters, operators, and tenders ..	20.75	8.8	20.57	7.3	20.83	12.9
Crushing, grinding, polishing, mixing, and blending workers .....	16.04	3.7	18.80	4.5	14.88	4.1
Crushing, grinding, and polishing machine setters, operators, and tenders .....	16.64	9.5	21.71	9.9	13.33	6.4
Grinding and polishing workers, hand .....	13.19	5.7	13.94	6.1	13.08	6.8
Mixing and blending machine setters, operators, and tenders ..	17.01	3.9	18.57	5.3	16.21	4.6
Cutting workers .....	13.76	3.2	15.88	4.6	13.30	3.8
Cutters and trimmers, hand .....	13.67	4.7	14.48	4.4	13.53	5.7
Cutting and slicing machine setters, operators, and tenders ..	13.80	3.9	16.30	5.6	13.20	4.6
Extruding, forming, pressing, and compacting machine setters, operators, and tenders .....	14.06	9.3	18.73	11.6	12.80	8.3
Furnace, kiln, oven, drier, and kettle operators and tenders .....	15.34	12.1	20.49	14.7	12.57	5.2
Inspectors, testers, sorters, samplers, and weighers .....	15.69	2.6	21.02	4.0	14.40	2.7
Medical, dental, and ophthalmic laboratory technicians .....	15.74	6.8	–	–	15.74	7.0
Dental laboratory technicians .....	17.03	8.4	–	–	17.03	8.4
Ophthalmic laboratory technicians	12.95	9.4	–	–	12.81	10.2
Packaging and filling machine operators and tenders .....	14.83	5.7	17.71	8.8	13.15	3.4
Painting workers .....	15.05	4.5	19.97	5.8	14.29	5.4
Coating, painting, and spraying machine setters, operators, and tenders .....	13.97	3.9	18.98	7.6	13.06	4.2
Painters, transportation equipment	19.21	7.1	23.17	8.3	18.61	7.8

See footnotes at end of table.

**Table 13 Union and nonunion workers: Mean hourly earnings<sup>1</sup> for civilian workers by bargaining status — Continued**

Occupation <sup>2</sup>	Civilian workers		Union Workers		Nonunion workers	
	Mean	Relative error <sup>3</sup>	Mean	Relative error <sup>3</sup>	Mean	Relative error <sup>3</sup>
<b>Production occupations –Continued</b>						
Painting, coating, and decorating workers .....	\$12.23	8.9%	–	–	\$11.82	9.3%
Photographic process workers and processing machine operators .....	11.71	8.4	–	–	11.04	7.0
Photographic process workers .....	13.92	19.5	–	–	–	–
Photographic processing machine operators .....	10.68	7.2	–	–	10.41	7.1
Semiconductor processors .....	16.68	7.1	–	–	16.68	7.1
Miscellaneous production workers ....	13.18	2.8	\$18.32	5.4%	11.74	2.6
Cementing and gluing machine operators and tenders .....	12.23	9.4	17.75	14.0	11.16	9.0
Cleaning, washing, and metal pickling equipment operators and tenders .....	16.75	22.9	–	–	–	–
Etchers and engravers .....	18.03	13.7	–	–	–	–
Molders, shapers, and casters, except metal and plastic .....	12.47	8.3	16.66	9.5	11.93	8.6
Paper goods machine setters, operators, and tenders .....	16.58	9.4	21.59	7.6	13.01	9.7
Tire builders .....	16.38	9.4	–	–	16.36	9.3
Helpers--production workers .....	11.49	1.5	15.34	3.0	10.28	1.7
<b>Transportation and material moving occupations .....</b>						
First-line supervisors/managers of helpers, laborers, and material movers, hand .....	14.78	1.2	20.86	2.2	12.96	1.1
First-line supervisors/managers of transportation and material-moving machine and vehicle operators .....	20.15	3.5	20.62	11.2	20.12	3.7
Aircraft pilots and flight engineers ....	23.23	3.3	32.00	7.5	22.23	3.1
Airline pilots, copilots, and flight engineers .....	95.66	11.8	121.44	5.0	36.34	15.1
Commercial pilots .....	117.61	4.9	123.56	4.7	52.71	23.4
Ambulance drivers and attendants, except emergency medical technicians .....	32.11	8.2	–	–	32.09	9.0
Bus drivers .....	12.78	8.7	–	–	12.01	8.5
Bus drivers, transit and intercity ....	15.32	4.0	17.91	2.9	12.98	2.8
Bus drivers, school .....	16.57	9.1	19.44	5.7	11.74	2.8
Driver/sales workers and truck drivers .....	14.46	2.0	16.10	3.2	13.49	3.0
Driver/sales workers and truck drivers .....	16.32	1.5	22.03	2.0	14.97	1.7

See footnotes at end of table.

**Table 13 Union and nonunion workers: Mean hourly earnings<sup>1</sup> for civilian workers by bargaining status — Continued**

Occupation <sup>2</sup>	Civilian workers		Union Workers		Nonunion workers	
	Mean	Relative error <sup>3</sup>	Mean	Relative error <sup>3</sup>	Mean	Relative error <sup>3</sup>
<b>Transportation and material moving occupations –Continued</b>						
Driver/sales workers .....	\$13.45	5.7%	\$20.62	7.0%	\$12.38	6.0%
Truck drivers, heavy and tractor-trailer .....	17.62	1.8	21.85	2.6	16.52	2.1
Truck drivers, light or delivery services .....	14.78	2.4	22.70	2.4	12.99	2.2
Taxi drivers and chauffeurs .....	10.65	5.9	15.97	11.5	10.08	4.8
Railroad brake, signal, and switch operators .....	–	–	29.29	5.4	–	–
Subway and streetcar operators .....	25.06	4.7	25.06	4.7	–	–
Sailors and marine oilers .....	12.94	5.7	–	–	12.32	6.2
Ship and boat captains and operators	22.02	15.0	–	–	19.32	13.1
Captains, mates, and pilots of water vessels .....	23.37	16.1	–	–	20.76	15.0
Ship engineers .....	34.91	11.8	–	–	–	–
Bridge and lock tenders .....	16.89	3.2	16.89	3.2	–	–
Parking lot attendants .....	8.66	6.2	9.01	10.3	8.62	6.7
Service station attendants .....	11.20	9.0	17.66	15.1	10.24	7.7
Transportation inspectors .....	24.01	8.1	24.34	9.2	23.43	17.4
Conveyor operators and tenders .....	14.28	10.1	–	–	12.39	10.6
Crane and tower operators .....	20.15	6.8	23.55	6.8	17.24	8.0
Dredge, excavating, and loading machine operators .....	16.49	4.1	21.28	6.1	15.44	4.5
Excavating and loading machine and dragline operators .....	16.39	4.2	21.32	6.6	15.39	4.6
Hoist and winch operators .....	16.11	20.2	–	–	–	–
Industrial truck and tractor operators	14.49	2.6	18.30	3.7	13.07	1.9
Laborers and material movers, hand	10.97	1.1	14.10	2.8	10.15	1.1
Cleaners of vehicles and equipment .....	10.11	2.8	15.42	5.5	9.30	2.1
Laborers and freight, stock, and material movers, hand .....	11.58	1.2	14.68	3.1	10.64	1.5
Machine feeders and offbearers .....	11.51	2.7	14.28	5.9	10.59	2.7
Packers and packagers, hand .....	9.70	1.8	11.45	5.2	9.34	1.6
Pumping station operators .....	21.31	5.8	–	–	–	–
Refuse and recyclable material collectors .....	13.01	9.3	20.79	9.4	10.73	5.4
Tank car, truck, and ship loaders .....	20.30	10.8	–	–	20.37	15.2

<sup>1</sup> Earnings are the straight-time hourly wages or salaries paid to employees. They include incentive pay, cost-of-living adjustments, and hazard pay. Excluded are premium pay for overtime, vacations, and holidays; nonproduction bonuses; and tips. The mean is computed by totaling the pay of all workers and dividing by the number of workers, weighed by hours.

<sup>2</sup> A classification system including about 800 individual occupations is used to cover all workers in the civilian economy. See appendix B for more information.

<sup>3</sup> The relative standard error (RSE) is the standard error expressed as a percent of

the estimate. It can be used to calculate a "confidence interval" around a sample estimate. For more information about RSEs, see appendix A.

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.

**Table 14**

**Workers paid on time or incentive basis<sup>1</sup>: Mean hourly earnings<sup>2</sup> for civilian and private industry workers in major occupational groups**

Occupational group <sup>3</sup>	Time		Incentive	
	Civilian workers	Private industry workers	Civilian workers	Private industry workers
<b>All workers</b> .....	\$19.46	\$18.69	\$26.94	\$26.90
Management, professional, and related .....	31.85	32.28	52.46	52.25
Management, business, and financial .....	35.29	35.77	47.26	47.26
Professional and related .....	30.26	30.31	66.38	65.74
Service .....	11.30	9.97	14.35	14.35
Sales and office .....	14.69	14.54	26.67	26.67
Sales and related .....	13.31	13.29	29.60	29.60
Office and administrative support .....	15.28	15.14	15.14	15.14
Natural resources, construction, and maintenance .....	19.97	20.03	22.03	22.03
Construction and extraction .....	–	20.22	–	22.25
Installation, maintenance, and repair .....	19.99	19.96	21.99	21.99
Production, transportation, and material moving .....	14.97	14.87	17.43	17.43
Production .....	15.42	15.35	16.15	16.15
Transportation and material moving .....	14.48	14.32	18.07	18.07
	Relative error			
<b>All workers</b> .....	0.9%	1.1%	4.0%	4.0%
Management, professional, and related .....	.7	.8	11.6	11.7
Management, business, and financial .....	1.4	1.5	7.9	7.9
Professional and related .....	.7	1.0	27.6	28.2
Service .....	1.4	1.2	5.0	5.0
Sales and office .....	.6	.7	2.9	2.9
Sales and related .....	1.5	1.5	3.3	3.3
Office and administrative support .....	.6	.6	3.2	3.2
Natural resources, construction, and maintenance .....	1.1	1.2	2.9	2.9
Construction and extraction .....	–	1.8	–	8.2
Installation, maintenance, and repair .....	1.0	1.1	3.3	3.3
Production, transportation, and material moving .....	.9	1.0	2.7	2.7
Production .....	1.2	1.2	4.6	4.6
Transportation and material moving .....	1.2	1.3	3.2	3.2

<sup>1</sup> Wages of time workers are based solely on hourly rate or salary. Incentive workers are those whose wages are at least partially based on productivity payments such as piece rates, commissions, and production bonuses.

<sup>2</sup> Earnings are the straight-time hourly wages or salaries paid to employees. They include incentive pay, cost-of-living adjustments, and hazard pay. Excluded are premium pay for overtime, vacations, and holidays; nonproduction bonuses; and tips. The mean is computed by totaling the pay of all workers and dividing by the number of workers, weighed by hours.

<sup>3</sup> A classification system including about 800 individual occupations is used to

cover all workers in the civilian economy. See appendix B for more information.

<sup>4</sup> The relative standard error (RSE) is the standard error expressed as a percent of the estimate. It can be used to calculate a "confidence interval" around a sample estimate. For more information about RSEs, see appendix A.

NOTE: Dashes indicate that data did not meet publication criteria.

SOURCE: Bureau of Labor Statistics, National Compensation Survey.

**Table 15**

**Civilian workers: Hourly wage percentiles<sup>1</sup>**

Occupation <sup>2</sup>	Wages fall at or below the following percentiles				
	10	25	50	75	90
<b>All workers</b> .....	\$8.00	\$10.57	\$15.70	\$24.47	\$36.15
<b>Management occupations</b> .....	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
<b>Business and financial operations occupations</b> .....	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 percentiles<sup>1</sup> — Continued

Occupation <sup>2</sup>	Wages fall at or below the following percentiles				
	10	25	50	75	90
<b>Business and financial operations occupations</b> –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
<b>Computer and mathematical science occupations</b> .....					
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
<b>Architecture and engineering occupations</b> .....					
Architects, except naval .....	18.09	23.90	31.40	40.87	49.62
Architects, except landscape and naval .....	20.67	24.04	28.85	38.46	45.12
Landscape architects .....	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 percentiles<sup>1</sup> — Continued

Occupation <sup>2</sup>	Wages fall at or below the following percentiles				
	10	25	50	75	90
<b>Architecture and engineering occupations –Continued</b>					
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
<b>Life, physical, and social science occupations</b> .....	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 percentiles<sup>1</sup> — Continued

Occupation <sup>2</sup>	Wages fall at or below the following percentiles				
	10	25	50	75	90
<b>Life, physical, and social science occupations –Continued</b>					
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
<b>Community and social services occupations .....</b>	<b>12.00</b>	<b>14.44</b>	<b>17.90</b>	<b>24.00</b>	<b>31.88</b>
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 percentiles<sup>1</sup> — Continued

Occupation <sup>2</sup>	Wages fall at or below the following percentiles				
	10	25	50	75	90
<b>Community and social services occupations –Continued</b>					
Clergy .....	\$12.18	\$13.08	\$14.42	\$19.07	\$23.23
<b>Legal occupations</b> .....	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
<b>Education, training, and library occupations</b> .....	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 percentiles<sup>1</sup> — Continued

Occupation <sup>2</sup>	Wages fall at or below the following percentiles				
	10	25	50	75	90
<b>Education, training, and library occupations</b> –Continued					
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
<b>Arts, design, entertainment, sports, and media occupations</b> .....					
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 percentiles<sup>1</sup> — Continued

Occupation <sup>2</sup>	Wages fall at or below the following percentiles				
	10	25	50	75	90
<b>Arts, design, entertainment, sports, and media occupations</b>					
–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
<b>Healthcare practitioner and technical occupations</b> .....	14.36	18.65	25.25	33.25	46.24
Dentists .....	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 percentiles<sup>1</sup> — Continued

Occupation <sup>2</sup>	Wages fall at or below the following percentiles				
	10	25	50	75	90
<b>Healthcare practitioner and technical occupations –Continued</b>					
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 percentiles<sup>1</sup> — Continued

Occupation <sup>2</sup>	Wages fall at or below the following percentiles				
	10	25	50	75	90
<b>Healthcare support occupations</b> .....	\$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
<b>Protective service occupations</b> .....	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 percentiles<sup>1</sup> — Continued

Occupation <sup>2</sup>	Wages fall at or below the following percentiles				
	10	25	50	75	90
<b>Food preparation and serving related occupations</b> .....	\$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
<b>Building and grounds cleaning and maintenance occupations</b>	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
<b>Personal care and service occupations</b> .....	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 percentiles<sup>1</sup> — Continued

Occupation <sup>2</sup>	Wages fall at or below the following percentiles				
	10	25	50	75	90
<b>Personal care and service occupations</b> –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
<b>Sales and related occupations</b> .....	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 percentiles<sup>1</sup> — Continued

Occupation <sup>2</sup>	Wages fall at or below the following percentiles				
	10	25	50	75	90
<b>Sales and related occupations –Continued</b>					
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
<b>Office and administrative support occupations .....</b>	<b>9.50</b>	<b>11.30</b>	<b>14.32</b>	<b>18.00</b>	<b>22.43</b>
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 percentiles<sup>1</sup> — Continued

Occupation <sup>2</sup>	Wages fall at or below the following percentiles				
	10	25	50	75	90
<b>Office and administrative support occupations</b> –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
<b>Farming, fishing, and forestry occupations</b> .....					
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
Farmworkers and laborers, crop, nursery, and greenhouse .....	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
<b>Construction and extraction occupations</b> .....					
First-line supervisors/managers of construction trades and extraction workers .....	10.52	13.31	18.00	25.00	32.58
Boilermakers .....	16.92	20.27	25.00	32.30	38.46
Brickmasons, blockmasons, and stonemasons .....	20.00	20.00	23.97	27.97	29.09
Brickmasons and blockmasons .....	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 percentiles<sup>1</sup> — Continued

Occupation <sup>2</sup>	Wages fall at or below the following percentiles				
	10	25	50	75	90
<b>Construction and extraction occupations –Continued</b>					
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 percentiles<sup>1</sup> — Continued

Occupation <sup>2</sup>	Wages fall at or below the following percentiles				
	10	25	50	75	90
<b>Construction and extraction occupations –Continued</b>					
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
<b>Installation, maintenance, and repair occupations .....</b>					
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 percentiles<sup>1</sup> — Continued**

Occupation <sup>2</sup>	Wages fall at or below the following percentiles				
	10	25	50	75	90
<b>Installation, maintenance, and repair occupations –Continued</b>					
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
<b>Production occupations</b> .....	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 percentiles<sup>1</sup> — Continued

Occupation <sup>2</sup>	Wages fall at or below the following percentiles				
	10	25	50	75	90
<b>Production occupations</b> –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 percentiles<sup>1</sup> — Continued

Occupation <sup>2</sup>	Wages fall at or below the following percentiles				
	10	25	50	75	90
<b>Production occupations –Continued</b>					
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 percentiles<sup>1</sup> — Continued

Occupation <sup>2</sup>	Wages fall at or below the following percentiles				
	10	25	50	75	90
<b>Production occupations</b> –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 percentiles<sup>1</sup> — Continued

Occupation <sup>2</sup>	Wages fall at or below the following percentiles				
	10	25	50	75	90
<b>Transportation and material moving occupations</b> .....	\$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

<sup>1</sup> Percentiles designate position in the earnings distribution and are calculated from individual worker earnings and the hours they are scheduled to work. See appendix A for more information.

<sup>2</sup> A classification system including about 800 individual occupations is used to cover all workers in the civilian economy. See appendix B for more information.

NOTE: Dashes indicate that data did not meet publication criteria. Overall occupational groups may include data for categories not shown separately.

SOURCE: Bureau of Labor Statistics, National Compensation Survey.

Table 16

Full-time civilian workers: Hourly wage percentiles<sup>1</sup>

Occupation <sup>2</sup>	Wages fall at or below the following percentiles				
	10	25	50	75	90
<b>All workers</b> .....	\$9.00	\$11.71	\$16.88	\$25.83	\$37.70
<b>Management occupations</b> .....	19.81	26.32	36.60	50.48	65.88
Chief executives .....	28.85	46.75	68.58	92.33	137.36
General and operations managers .....	20.07	26.91	38.82	55.29	78.85
Advertising and promotions managers .....	18.27	22.83	27.25	37.14	58.43
Marketing and sales managers .....	24.45	31.83	43.27	57.50	75.52
Marketing managers .....	27.88	34.47	46.47	60.10	79.33
Sales managers .....	23.08	29.18	40.14	55.86	72.05
Public relations managers .....	18.13	20.41	32.83	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	26.66	36.33	50.96	70.40
Human resources managers .....	22.85	26.32	28.85	40.58	56.25
Compensation and benefits managers .....	22.85	28.85	38.08	44.14	63.89
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 .....	17.74	26.27	35.56	46.70	56.04
Education administrators, preschool and child care center/program .....	12.00	15.22	21.90	29.57	29.57
Education administrators, elementary and secondary school ..	31.18	36.48	43.40	50.48	57.69
Education administrators, postsecondary .....	21.51	25.19	31.88	47.09	61.53
Engineering managers .....	36.00	44.06	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	35.43	46.58	58.66
Natural sciences managers .....	21.20	31.07	48.63	56.41	57.75
Property, real estate, and community association managers .....	14.36	19.71	24.04	29.44	37.72
Social and community service managers .....	17.19	19.23	24.23	32.71	37.26
<b>Business and financial operations occupations</b> .....	17.29	20.91	26.45	34.00	44.12
Buyers and purchasing agents .....	18.56	21.28	25.51	32.44	40.87
Purchasing agents and buyers, farm products .....	21.61	23.81	37.06	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	39.15
Claims adjusters, appraisers, examiners, and investigators .....	16.85	19.75	24.52	30.83	38.31
Claims adjusters, examiners, and investigators .....	16.85	19.71	24.04	30.83	38.75
Insurance appraisers, auto damage .....	16.53	24.90	27.75	30.00	32.21
Compliance officers, except agriculture, construction, health and safety, and transportation .....	16.01	18.80	22.57	28.85	33.90
Cost estimators .....	18.28	21.54	29.00	40.00	46.53
Emergency management specialists .....	18.20	18.20	35.51	48.10	48.10

See footnotes at end of table.

Table 16

Full-time civilian workers: Hourly wage percentiles<sup>1</sup> — Continued

Occupation <sup>2</sup>	Wages fall at or below the following percentiles				
	10	25	50	75	90
<b>Business and financial operations occupations</b> –Continued					
Human resources, training, and labor relations specialists .....	\$17.16	\$19.91	\$25.75	\$31.83	\$38.66
Employment, recruitment, and placement specialists .....	15.05	17.98	22.42	30.21	39.47
Compensation, benefits, and job analysis specialists .....	16.41	19.31	25.07	32.98	38.90
Training and development specialists .....	16.50	18.06	24.89	31.78	37.63
Logisticians .....	18.94	20.19	30.00	37.96	45.49
Management analysts .....	20.50	24.33	32.48	43.16	51.05
Meeting and convention planners .....	17.22	19.23	23.54	25.64	27.39
Accountants and auditors .....	17.58	20.77	26.06	32.89	40.86
Appraisers and assessors of real estate .....	14.38	16.73	21.41	29.39	34.46
Budget analysts .....	22.53	26.18	27.39	34.25	46.09
Credit analysts .....	17.79	20.80	24.74	31.25	39.53
Financial analysts and advisors .....	18.94	22.88	29.66	38.46	55.66
Financial analysts .....	21.64	25.10	31.23	39.72	58.22
Personal financial advisors .....	14.42	19.13	22.54	34.98	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	16.95	24.14	37.11	77.48
Loan counselors .....	11.67	14.65	19.94	24.14	33.78
Loan officers .....	14.89	17.31	25.00	38.70	77.48
Tax examiners, collectors, preparers, and revenue agents .....	13.09	15.18	19.18	26.62	33.04
Tax examiners, collectors, and revenue agents .....	13.09	15.53	20.05	27.35	33.35
<b>Computer and mathematical science occupations</b> .....	19.57	25.50	34.19	43.00	51.28
Computer and information scientists, research .....	25.61	34.86	45.53	56.49	63.61
Computer programmers .....	21.55	25.92	33.16	38.71	47.90
Computer software engineers .....	27.64	34.31	41.92	48.53	56.99
Computer software engineers, applications .....	27.40	32.69	41.44	48.08	55.16
Computer software engineers, systems software .....	30.29	35.87	42.31	49.12	58.44
Computer support specialists .....	14.02	17.86	22.16	29.36	40.45
Computer systems analysts .....	25.00	30.00	36.87	43.74	51.54
Database administrators .....	20.35	22.76	32.31	39.22	48.97
Network and computer systems administrators .....	20.19	23.96	29.72	37.46	43.71
Network systems and data communications analysts .....	21.64	24.04	30.08	37.90	45.00
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	21.35	30.88	47.35	50.48
Miscellaneous mathematical scientists .....	14.27	15.39	17.51	21.00	25.96
<b>Architecture and engineering occupations</b> .....	18.22	23.94	31.43	40.87	49.66
Architects, except naval .....	20.91	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	19.67	27.23	35.51	50.19
Cartographers and photogrammetrists .....	16.00	16.00	17.10	20.37	30.00
Surveyors .....	19.67	21.88	29.20	40.00	50.19

See footnotes at end of table.

Table 16

Full-time civilian workers: Hourly wage percentiles<sup>1</sup> — Continued

Occupation <sup>2</sup>	Wages fall at or below the following percentiles				
	10	25	50	75	90
<b>Architecture and engineering occupations –Continued</b>					
Engineers .....	\$25.54	\$30.59	\$37.33	\$45.49	\$54.00
Aerospace engineers .....	30.59	37.51	48.51	54.47	64.03
Chemical engineers .....	26.76	31.28	33.98	50.48	55.75
Civil engineers .....	22.65	26.44	33.63	41.55	48.20
Computer hardware engineers .....	26.44	32.24	43.83	50.48	62.41
Electrical and electronics engineers .....	25.69	31.85	37.55	45.10	53.78
Electrical engineers .....	24.00	31.73	36.88	44.34	52.88
Electronics engineers, except computer .....	27.63	32.13	38.26	45.33	54.42
Environmental engineers .....	25.83	30.29	37.75	46.24	65.00
Industrial engineers, including health and safety .....	25.80	29.34	34.64	41.05	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	29.04	34.14	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	18.32	22.25	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	18.84	21.79	27.25	32.00
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	13.00	16.97	23.56	27.04
Electrical and electronic engineering technicians .....	14.59	18.00	23.92	28.18	31.52
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	19.13	24.76	36.06
<b>Life, physical, and social science occupations</b> .....	16.11	20.24	26.48	36.08	47.62
Life scientists .....	17.22	20.16	26.46	39.28	49.82
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 .....	17.77	21.59	31.65	39.50	49.23
Biochemists and biophysicists .....	17.65	24.04	38.11	41.71	57.21
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
Medical scientists .....	17.68	20.16	25.64	40.38	50.95

See footnotes at end of table.

Table 16

Full-time civilian workers: Hourly wage percentiles<sup>1</sup> — Continued

Occupation <sup>2</sup>	Wages fall at or below the following percentiles				
	10	25	50	75	90
<b>Life, physical, and social science occupations</b> –Continued					
Physical scientists .....	\$20.82	\$25.25	\$31.06	\$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	26.07	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 .....	21.06	24.13	30.34	43.68	51.78
Market research analysts .....	21.06	24.13	30.34	43.68	51.78
Psychologists .....	17.39	24.28	32.49	42.41	54.21
Clinical, counseling, and school psychologists .....	17.39	24.30	32.49	43.51	55.90
Urban and regional planners .....	22.12	24.39	30.53	36.39	40.17
Miscellaneous social scientists and related workers .....	15.77	21.35	29.28	43.14	56.74
Agricultural and food science technicians .....	9.00	10.41	16.03	20.70	26.50
Biological technicians .....	12.50	15.33	19.02	22.78	26.71
Chemical technicians .....	14.50	17.38	21.50	26.23	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 .....	11.85	13.64	21.39	23.39	24.10
Miscellaneous life, physical, and social science technicians .....	14.36	16.00	20.18	26.59	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 .....	10.20	14.61	15.95	17.95	20.14
<b>Community and social services occupations</b> .....	12.18	14.63	17.99	24.03	32.23
Counselors .....	12.61	15.74	20.19	28.84	40.82
Substance abuse and behavioral disorder counselors .....	13.22	15.23	17.59	20.77	25.87
Educational, vocational, and school counselors .....	14.42	18.25	26.21	38.41	47.61
Mental health counselors .....	13.49	15.83	18.61	22.52	28.72
Rehabilitation counselors .....	10.20	12.86	16.79	19.00	24.96
Social workers .....	14.00	15.70	18.82	24.42	30.93
Child, family, and school social workers .....	14.16	15.53	18.78	24.33	32.00
Medical and public health social workers .....	15.02	17.25	21.09	26.93	30.93
Mental health and substance abuse social workers .....	13.40	14.47	17.21	21.17	27.47
Miscellaneous community and social service specialists .....	10.32	12.98	16.02	21.00	27.11
Health educators .....	18.23	21.97	29.11	41.00	41.00
Probation officers and correctional treatment specialists .....	14.54	17.32	21.69	26.54	34.67
Social and human service assistants .....	9.25	11.19	13.40	16.15	18.71
Clergy .....	12.18	12.69	14.42	18.40	22.83
Directors, religious activities and education .....	19.19	19.19	20.11	22.24	49.78

See footnotes at end of table.

Table 16

Full-time civilian workers: Hourly wage percentiles<sup>1</sup> — Continued

Occupation <sup>2</sup>	Wages fall at or below the following percentiles				
	10	25	50	75	90
<b>Legal occupations</b> .....	\$16.44	\$20.00	\$30.26	\$50.48	\$76.37
Lawyers .....	24.42	33.68	48.56	69.76	93.18
Judges, magistrates, and other judicial workers .....	21.14	29.39	41.66	60.92	83.32
Administrative law judges, adjudicators, and hearing officers .....	23.04	28.10	32.66	42.45	60.92
Judges, magistrate judges, and magistrates .....	21.14	41.66	58.52	70.00	83.32
Paralegals and legal assistants .....	14.44	17.00	20.19	27.82	33.50
Miscellaneous legal support workers .....	14.64	16.63	21.31	26.25	32.77
Court reporters .....	14.91	16.38	22.91	26.60	36.06
Law clerks .....	17.86	19.32	21.53	23.68	28.83
Title examiners, abstractors, and searchers .....	13.69	16.62	22.13	26.25	32.77
<b>Education, training, and library occupations</b> .....	11.73	20.61	30.11	40.08	52.69
Postsecondary teachers .....	23.42	30.30	40.55	56.62	78.63
Business teachers, postsecondary .....	25.75	46.02	67.89	71.16	92.16
Math and computer teachers, postsecondary .....	27.89	32.62	37.65	50.13	61.72
Computer science teachers, postsecondary .....	23.09	28.77	39.49	60.62	75.25
Mathematical science teachers, postsecondary .....	29.03	32.62	37.65	47.68	56.09
Engineering and architecture teachers, postsecondary .....	23.86	37.35	53.85	79.42	88.95
Engineering teachers, postsecondary .....	23.86	37.10	53.20	80.94	88.95
Life sciences teachers, postsecondary .....	22.78	29.36	42.55	53.06	82.56
Biological science teachers, postsecondary .....	22.45	29.36	42.55	54.10	82.56
Physical sciences teachers, postsecondary .....	31.82	38.32	48.72	55.46	72.42
Atmospheric, earth, marine, and space sciences teachers, postsecondary .....	24.39	26.95	51.63	68.29	75.27
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 .....	30.64	32.60	40.55	53.72	74.42
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	83.33
Political science teachers, postsecondary .....	30.45	32.28	36.38	41.95	49.45
Psychology teachers, postsecondary .....	29.12	34.15	38.95	46.10	67.64
Sociology teachers, postsecondary .....	32.76	39.47	46.51	61.03	90.97
Health teachers, postsecondary .....	26.30	30.84	43.90	76.92	112.61
Health specialties teachers, postsecondary .....	27.23	40.67	63.10	86.63	130.04
Nursing instructors and teachers, postsecondary .....	24.61	27.59	30.45	36.76	47.03
Education and library science teachers, postsecondary .....	23.45	29.50	36.44	39.79	49.43
Education teachers, postsecondary .....	23.45	29.50	36.44	39.79	49.43
Law, criminal justice, and social work teachers, postsecondary .....	31.35	54.09	78.62	99.05	168.38
Law teachers, postsecondary .....	55.75	75.00	85.26	102.69	168.38
Social work teachers, postsecondary .....	21.14	29.08	30.77	37.45	39.72
Arts, communications, and humanities teachers, postsecondary .....	27.95	32.87	40.42	48.71	64.99
Art, drama, and music teachers, postsecondary .....	28.71	34.62	40.43	43.90	60.13
Communications teachers, postsecondary .....	20.55	25.02	39.20	45.01	60.85
English language and literature teachers, postsecondary ....	28.11	32.48	39.38	47.79	66.07

See footnotes at end of table.

Table 16

Full-time civilian workers: Hourly wage percentiles<sup>1</sup> — Continued

Occupation <sup>2</sup>	Wages fall at or below the following percentiles				
	10	25	50	75	90
<b>Education, training, and library occupations</b> –Continued					
Foreign language and literature teachers, postsecondary ....	\$31.52	\$37.54	\$44.89	\$48.71	\$66.92
History teachers, postsecondary .....	28.41	32.33	42.69	54.07	66.53
Philosophy and religion teachers, postsecondary .....	24.78	28.60	40.23	55.30	57.00
Miscellaneous postsecondary teachers .....	19.50	23.80	33.46	46.23	62.90
Recreation and fitness studies teachers, postsecondary .....	19.11	24.53	31.32	39.84	44.44
Vocational education teachers, postsecondary .....	19.67	20.30	23.91	32.27	46.77
Primary, secondary, and special education school teachers .....	19.37	25.47	31.95	40.12	50.27
Preschool and kindergarten teachers .....	9.00	11.00	14.48	26.89	34.91
Preschool teachers, except special education .....	8.50	10.00	13.00	17.00	30.00
Kindergarten teachers, except special education .....	14.99	23.03	29.44	36.68	46.70
Elementary and middle school teachers .....	22.51	26.68	32.67	40.82	50.65
Elementary school teachers, except special education .....	22.51	26.65	32.57	40.86	50.47
Middle school teachers, except special and vocational education .....	22.51	26.88	32.98	40.68	51.01
Secondary school teachers .....	23.52	27.58	33.33	41.42	51.40
Secondary school teachers, except special and vocational education .....	23.54	27.62	33.51	41.57	51.98
Vocational education teachers, secondary school .....	23.21	26.92	31.68	40.44	46.28
Special education teachers .....	23.18	26.49	32.50	41.34	52.08
Special education teachers, preschool, kindergarten, and elementary school .....	22.85	26.12	32.01	40.52	51.80
Special education teachers, middle school .....	22.73	27.83	32.75	41.97	52.02
Special education teachers, secondary school .....	23.49	26.92	33.73	43.14	53.67
Other teachers and instructors .....	16.45	24.17	34.22	47.35	60.86
Adult literacy, remedial education, and GED teachers and instructors .....	16.80	18.50	26.19	35.91	57.43
Self-enrichment education teachers .....	17.91	19.23	25.07	33.05	48.83
Archivists, curators, and museum technicians .....	14.28	18.60	25.42	31.43	38.30
Archivists .....	12.42	16.09	16.09	36.26	36.26
Curators .....	22.07	23.85	26.49	30.17	38.51
Librarians .....	17.47	21.35	26.67	35.46	47.35
Library technicians .....	10.80	12.75	14.70	18.26	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	36.82	43.70
Teacher assistants .....	8.50	9.71	11.33	13.63	17.11
<b>Arts, design, entertainment, sports, and media occupations</b> .....					
Artists and related workers .....	12.22	16.44	21.40	30.49	43.27
Artists and related workers .....	15.00	19.23	21.79	30.05	45.08
Art directors .....	16.34	21.79	27.35	34.48	47.07
Multi-media artists and animators .....	18.00	19.50	21.56	26.63	37.49
Designers .....	12.00	16.00	20.37	27.59	39.42
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 .....	8.75	9.90	10.25	12.00	15.00
Graphic designers .....	13.60	16.25	19.23	25.00	30.70

See footnotes at end of table.

Table 16

Full-time civilian workers: Hourly wage percentiles<sup>1</sup> — Continued

Occupation <sup>2</sup>	Wages fall at or below the following percentiles				
	10	25	50	75	90
<b>Arts, design, entertainment, sports, and media occupations</b>					
–Continued					
Interior designers .....	\$16.63	\$18.98	\$23.50	\$28.00	\$37.45
Merchandise displayers and window trimmers .....	10.00	11.25	15.10	19.64	23.95
Set and exhibit designers .....	17.31	19.26	33.97	55.00	65.00
Actors, producers, and directors .....	12.88	17.43	25.66	44.57	64.00
Producers and directors .....	12.88	17.43	25.66	45.67	64.50
Athletes, coaches, umpires, and related workers .....	11.58	15.76	22.25	31.73	43.27
Coaches and scouts .....	11.50	15.00	22.25	31.73	47.83
Musicians, singers, and related workers .....	20.90	26.68	31.86	41.33	54.15
Musicians and singers .....	28.34	30.02	32.23	49.53	56.50
Announcers .....	14.42	15.81	20.36	48.08	93.75
Radio and television announcers .....	14.42	16.35	24.04	48.08	93.75
News analysts, reporters and correspondents .....	10.80	13.85	22.72	36.72	70.61
Reporters and correspondents .....	10.80	13.46	21.69	32.99	62.57
Public relations specialists .....	16.16	20.09	23.98	31.14	35.73
Writers and editors .....	15.56	19.50	25.46	33.05	45.63
Editors .....	14.67	19.40	22.35	30.74	42.02
Technical writers .....	16.26	23.93	30.33	40.58	49.25
Writers and authors .....	12.34	16.63	17.54	32.25	102.56
Miscellaneous media and communication workers .....	9.78	17.21	20.75	26.00	30.00
Interpreters and translators .....	8.55	16.38	21.29	29.61	31.50
Broadcast and sound engineering technicians and radio operators .....	12.65	16.35	18.55	27.36	35.74
Audio and video equipment technicians .....	12.65	15.82	19.58	22.02	26.71
Broadcast technicians .....	9.27	16.46	18.17	31.15	34.53
Photographers .....	8.92	9.56	14.75	16.00	23.34
Television, video, and motion picture camera operators and editors .....	12.49	14.92	20.48	25.24	34.38
Camera operators, television, video, and motion picture .....	11.45	14.31	14.92	26.67	47.04
<b>Healthcare practitioner and technical occupations</b>					
Dentists .....	14.35	18.56	25.02	33.00	46.74
Dentists, general .....	41.75	50.48	50.99	77.42	127.20
Dentists, general .....	41.75	50.48	52.88	109.17	127.20
Dietitians and nutritionists .....	15.81	18.69	21.64	26.88	32.93
Optometrists .....	43.06	43.21	56.25	64.42	64.42
Pharmacists .....	44.00	47.23	50.00	51.86	55.00
Physicians and surgeons .....	21.50	25.98	69.93	94.38	157.90
Anesthesiologists .....	12.04	24.24	85.53	95.35	115.39
Family and general practitioners .....	29.33	65.90	78.82	198.33	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 .....	42.35	68.67	76.92	83.15	83.15
Physician assistants .....	25.67	33.31	38.14	45.25	52.89
Registered nurses .....	21.23	24.48	28.79	34.63	41.20
Therapists .....	19.37	23.63	28.58	33.93	40.44

See footnotes at end of table.

Table 16

Full-time civilian workers: Hourly wage percentiles<sup>1</sup> — Continued

Occupation <sup>2</sup>	Wages fall at or below the following percentiles				
	10	25	50	75	90
<b>Healthcare practitioner and technical occupations –Continued</b>					
Audiologists .....	\$19.68	\$22.56	\$27.27	\$35.99	\$35.99
Occupational therapists .....	22.65	26.00	29.57	35.10	47.78
Physical therapists .....	25.00	29.32	32.62	36.18	43.95
Radiation therapists .....	26.12	26.64	35.54	39.35	39.81
Recreational therapists .....	13.01	14.60	17.00	21.99	24.14
Respiratory therapists .....	19.31	21.23	23.51	26.59	28.94
Speech-language pathologists .....	24.03	25.96	31.08	37.62	46.18
Veterinarians .....	31.39	36.06	40.86	48.49	55.76
Clinical laboratory technologists and technicians .....	12.25	15.10	18.54	23.49	27.02
Medical and clinical laboratory technologists .....	15.76	18.60	23.13	26.62	31.12
Medical and clinical laboratory technicians .....	11.39	14.20	16.53	19.90	23.41
Dental hygienists .....	16.84	28.00	32.00	35.07	39.00
Diagnostic related technologists and technicians .....	15.67	21.08	26.00	31.16	36.78
Cardiovascular technologists and technicians .....	10.73	13.00	22.66	34.00	39.59
Diagnostic medical sonographers .....	24.31	26.81	31.64	35.95	39.61
Nuclear medicine technologists .....	26.76	30.05	35.00	38.69	42.04
Radiologic technologists and technicians .....	16.79	21.20	25.57	29.34	33.73
Emergency medical technicians and paramedics .....	9.47	10.58	14.09	20.01	24.50
Health diagnosing and treating practitioner support technicians	11.15	12.83	15.50	19.16	22.52
Dietetic technicians .....	8.11	8.26	12.55	17.33	18.59
Pharmacy technicians .....	10.88	12.02	14.25	16.25	18.36
Psychiatric technicians .....	9.70	11.36	15.00	20.66	23.16
Respiratory therapy technicians .....	17.62	19.00	21.56	24.39	29.00
Surgical technologists .....	14.40	16.12	18.83	20.83	23.10
Veterinary technologists and technicians .....	12.83	13.37	14.50	15.62	18.00
Licensed practical and licensed vocational nurses .....	14.09	15.94	18.11	20.57	23.76
Medical records and health information technicians .....	10.45	12.32	15.38	17.82	22.09
Miscellaneous health technologists and technicians .....	12.50	13.99	16.57	20.36	26.01
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	17.33	23.36	33.84
Athletic trainers .....	13.13	13.13	14.64	20.18	23.36
<b>Healthcare support occupations</b> .....	8.53	9.90	11.65	14.50	17.51
Nursing, psychiatric, and home health aides .....	8.30	9.40	10.70	12.52	15.14
Home health aides .....	7.29	9.00	9.90	11.20	12.11
Nursing aides, orderlies, and attendants .....	8.44	9.44	10.87	12.71	15.30
Psychiatric aides .....	8.80	9.96	11.23	14.46	17.37
Occupational therapist assistants and aides .....	9.38	9.88	14.18	19.06	23.92
Occupational therapist assistants .....	8.59	12.19	19.73	23.35	23.92
Occupational therapist aides .....	9.38	9.67	10.85	14.18	15.90
Physical therapist assistants and aides .....	9.50	11.23	16.18	24.00	31.00
Physical therapist assistants .....	15.41	17.26	22.37	31.00	32.40
Physical therapist aides .....	8.50	9.50	11.40	13.00	15.30
Massage therapists .....	13.25	13.62	20.00	20.74	44.74

See footnotes at end of table.

**Table 16**

**Full-time civilian workers: Hourly wage percentiles<sup>1</sup> — Continued**

Occupation <sup>2</sup>	Wages fall at or below the following percentiles				
	10	25	50	75	90
<b>Healthcare support occupations –Continued</b>					
Miscellaneous healthcare support occupations .....	\$9.79	\$11.46	\$13.50	\$16.39	\$19.95
Dental assistants .....	12.64	14.78	16.39	19.00	21.12
Medical assistants .....	9.25	11.00	12.93	15.50	18.46
Medical equipment preparers .....	10.00	11.85	13.25	16.04	19.93
Medical transcriptionists .....	10.75	12.50	14.17	17.16	19.91
Pharmacy aides .....	8.75	10.27	11.35	12.41	16.78
Veterinary assistants and laboratory animal caretakers .....	10.00	11.70	11.70	13.45	15.43
<b>Protective service occupations</b> .....					
First-line supervisors/managers, law enforcement workers .....	9.00	11.00	15.42	23.69	31.56
First-line supervisors/managers of correctional officers .....	16.31	22.88	30.80	40.22	46.25
First-line supervisors/managers of police and detectives .....	11.00	13.70	21.05	28.29	39.83
First-line supervisors/managers of fire fighting and prevention workers .....	20.62	26.71	34.17	42.25	47.07
Fire fighters .....	14.91	19.76	25.62	30.93	39.13
Fire inspectors .....	11.62	14.90	19.78	24.35	30.41
Fire inspectors and investigators .....	14.94	14.94	21.04	23.71	28.49
Bailiffs, correctional officers, and jailers .....	14.94	14.94	21.04	23.71	28.42
Bailiffs .....	10.95	13.41	16.21	21.82	28.39
Correctional officers and jailers .....	13.98	19.60	24.36	32.03	32.12
Detectives and criminal investigators .....	10.87	13.41	16.12	21.57	27.59
Fish and game wardens .....	15.44	17.70	25.86	32.91	40.41
Parking enforcement workers .....	18.32	21.55	23.07	23.07	27.31
Police officers .....	11.34	11.87	12.98	15.87	20.86
Police and sheriff's patrol officers .....	15.12	19.27	24.96	30.47	35.59
Animal control workers .....	15.12	19.27	24.96	30.47	35.59
Private detectives and investigators .....	9.36	11.70	13.74	14.19	20.20
Security guards and gaming surveillance officers .....	10.33	13.83	13.83	15.42	15.42
Security guards .....	7.66	9.00	10.25	12.50	15.43
Miscellaneous protective service workers .....	7.62	9.00	10.20	12.50	15.44
Lifeguards, ski patrol, and other recreational protective service workers .....	8.73	11.38	15.01	19.71	24.35
7.25	8.73	11.00	17.10	24.35	
<b>Food preparation and serving related occupations</b> .....					
First-line supervisors/managers, food preparation and serving workers .....	4.50	7.00	8.59	11.22	14.55
Chefs and head cooks .....	9.65	11.54	14.42	18.69	21.60
First-line supervisors/managers of food preparation and serving workers .....	10.00	12.00	16.28	20.19	26.30
Cooks .....	9.38	11.54	14.20	18.25	21.08
Cooks, fast food .....	7.25	8.50	10.00	12.00	14.50
Cooks, institution and cafeteria .....	6.50	7.25	8.00	9.00	10.50
Cooks, restaurant .....	7.75	9.23	11.00	13.31	16.00
Cooks, short order .....	7.50	9.00	10.46	12.01	14.25
Food preparation workers .....	7.00	7.50	9.00	11.18	13.11
6.95	7.70	9.27	11.00	13.57	

See footnotes at end of table.

Table 16

Full-time civilian workers: Hourly wage percentiles<sup>1</sup> — Continued

Occupation <sup>2</sup>	Wages fall at or below the following percentiles				
	10	25	50	75	90
<b>Food preparation and serving related occupations –Continued</b>					
Food service, tipped .....	\$2.15	\$3.44	\$5.55	\$7.50	\$9.00
Bartenders .....	4.17	5.00	7.00	9.00	10.35
Waiters and waitresses .....	2.13	2.67	4.60	6.19	7.80
Dining room and cafeteria attendants and bartender helpers ..	4.00	6.00	7.50	8.65	10.06
Fast food and counter workers .....	6.18	7.20	8.34	10.00	11.95
Combined food preparation and serving workers, including fast food .....	6.07	7.20	8.34	10.00	11.50
Counter attendants, cafeteria, food concession, and coffee shop .....	7.00	7.15	8.32	9.92	13.46
Food servers, nonrestaurant .....	4.40	7.40	8.49	10.17	13.77
Dishwashers .....	7.00	7.50	8.05	9.10	11.25
Hosts and hostesses, restaurant, lounge, and coffee shop .....	4.57	7.11	8.09	10.06	13.00
<b>Building and grounds cleaning and maintenance occupations</b>					
First-line supervisors/managers, building and grounds cleaning and maintenance workers .....	7.55	8.51	11.00	14.72	19.24
First-line supervisors/managers of housekeeping and janitorial workers .....	11.00	13.87	18.61	21.86	26.13
First-line supervisors/managers of landscaping, lawn service, and groundskeeping workers .....	10.33	12.64	17.36	19.69	23.48
First-line supervisors/managers of landscaping, lawn service, and groundskeeping workers .....	14.00	17.31	23.53	26.13	26.13
Building cleaning workers .....	7.48	8.35	10.39	13.48	17.01
Janitors and cleaners, except maids and housekeeping cleaners .....	7.75	8.94	11.00	14.02	18.31
Maids and housekeeping cleaners .....	7.00	7.69	8.45	10.07	12.73
Pest control workers .....	12.00	13.95	15.75	18.08	20.46
Grounds maintenance workers .....	8.00	9.00	11.57	15.25	19.50
Landscaping and groundskeeping workers .....	8.00	9.00	11.00	14.92	19.00
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
<b>Personal care and service occupations</b>					
First-line supervisors/managers of gaming workers .....	6.15	7.00	9.60	12.69	17.82
Gaming supervisors .....	10.34	10.93	13.13	16.83	21.25
Slot key persons .....	10.61	14.00	15.89	19.38	22.32
First-line supervisors/managers of personal service workers .....	9.88	10.62	11.21	11.96	13.13
First-line supervisors/managers of personal service workers .....	10.83	12.54	15.39	16.90	21.59
Nonfarm animal caretakers .....	7.69	8.75	9.35	10.15	12.34
Gaming services workers .....	5.30	5.83	6.60	6.67	7.61
Gaming dealers .....	5.29	5.76	6.53	6.67	7.46
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	9.95	12.44	15.44
Amusement and recreation attendants .....	7.00	7.63	9.00	12.44	15.41
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

See footnotes at end of table.

Table 16

Full-time civilian workers: Hourly wage percentiles<sup>1</sup> — Continued

Occupation <sup>2</sup>	Wages fall at or below the following percentiles				
	10	25	50	75	90
<b>Personal care and service occupations</b> –Continued					
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
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	9.00	11.89	14.06	15.88
Tour guides and escorts .....	8.50	9.00	10.60	14.41	15.88
Transportation attendants .....	12.57	25.79	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 .....	6.67	9.10	11.28	15.32	19.64
Child care workers .....	6.50	7.20	8.76	10.55	12.85
Personal and home care aides .....	7.63	9.13	9.92	11.45	12.50
Recreation and fitness workers .....	8.33	11.00	14.23	18.12	22.63
Fitness trainers and aerobics instructors .....	10.99	14.00	15.38	23.00	25.00
Recreation workers .....	8.18	10.06	13.80	17.16	20.91
Residential advisors .....	5.63	5.63	10.15	13.35	16.24
<b>Sales and related occupations</b> .....	8.07	10.00	14.23	22.24	37.09
First-line supervisors/managers, sales workers .....	10.55	13.25	16.88	22.63	33.92
First-line supervisors/managers of retail sales workers .....	10.42	12.75	16.25	19.77	26.44
First-line supervisors/managers of non-retail sales workers ...	12.58	16.35	26.22	34.75	50.48
Retail sales workers .....	7.50	8.65	10.78	14.41	19.56
Cashiers, all workers .....	7.11	8.00	9.25	11.60	14.00
Cashiers .....	7.08	8.00	9.16	11.44	14.00
Gaming change persons and booth cashiers .....	9.02	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 .....	7.98	9.15	11.74	16.11	22.64
Advertising sales agents .....	9.20	13.50	20.19	27.76	42.26
Insurance sales agents .....	12.55	16.25	20.87	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 .....	10.15	12.65	14.18	19.63	26.73
Demonstrators and product promoters .....	10.15	12.65	14.18	19.63	26.73
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	21.63	29.90	48.56
Sales engineers .....	21.34	25.06	31.39	42.73	52.70

See footnotes at end of table.

Table 16

Full-time civilian workers: Hourly wage percentiles<sup>1</sup> — Continued

Occupation <sup>2</sup>	Wages fall at or below the following percentiles				
	10	25	50	75	90
<b>Sales and related occupations –Continued</b>					
Telemarketers .....	\$7.33	\$8.39	\$10.90	\$14.00	\$20.33
Miscellaneous sales and related workers .....	9.00	10.00	14.21	22.56	32.34
Door-to-door sales workers, news and street vendors, and related workers .....	3.60	13.83	20.49	23.42	32.76
<b>Office and administrative support occupations .....</b>					
First-line supervisors/managers of office and administrative support workers .....	14.38	17.03	20.60	26.25	30.77
Switchboard operators, including answering service .....	8.50	9.66	11.39	14.64	17.38
Telephone operators .....	9.00	10.81	14.22	20.02	21.15
Financial clerks .....	10.00	11.50	14.28	17.35	20.78
Bill and account collectors .....	8.75	11.97	14.25	17.45	21.75
Billing and posting clerks and machine operators .....	10.45	11.89	14.12	16.40	19.09
Bookkeeping, accounting, and auditing clerks .....	10.63	12.50	15.09	18.50	21.48
Payroll and timekeeping clerks .....	12.38	15.00	16.89	20.47	22.99
Procurement clerks .....	11.43	14.00	16.73	19.50	22.00
Tellers .....	9.42	10.00	11.25	13.00	15.13
Brokerage clerks .....	12.59	15.52	17.94	20.44	24.72
Correspondence clerks .....	11.54	13.47	15.42	18.40	23.07
Court, municipal, and license clerks .....	11.03	12.64	15.37	18.45	23.39
Credit authorizers, checkers, and clerks .....	11.10	12.40	13.94	16.32	18.92
Customer service representatives .....	9.93	12.00	14.90	18.38	23.30
Eligibility interviewers, government programs .....	12.14	14.33	16.65	19.15	21.50
File clerks .....	9.09	10.22	12.50	15.75	15.91
Hotel, motel, and resort desk clerks .....	7.50	8.25	9.50	10.71	12.25
Interviewers, except eligibility and loan .....	9.34	10.74	12.91	15.20	18.16
Library assistants, clerical .....	9.73	11.30	13.17	15.90	18.29
Loan interviewers and clerks .....	11.13	13.05	14.93	17.36	21.51
New accounts clerks .....	10.10	11.32	13.76	15.84	18.46
Order clerks .....	9.50	11.33	13.79	17.85	20.98
Human resources assistants, except payroll and timekeeping .....	12.14	14.42	17.07	19.78	23.08
Receptionists and information clerks .....	9.05	10.26	12.02	14.64	17.50
Reservation and transportation ticket agents and travel clerks .....	8.50	9.40	13.55	18.00	20.82
Cargo and freight agents .....	13.85	17.02	19.49	25.96	38.00
Couriers and messengers .....	9.00	10.18	11.40	13.00	14.91
Dispatchers .....	9.77	12.29	16.06	20.60	26.00
Police, fire, and ambulance dispatchers .....	10.10	12.55	15.84	19.92	24.45
Dispatchers, except police, fire, and ambulance .....	9.19	12.00	16.25	21.38	26.11
Meter readers, utilities .....	10.48	12.00	16.10	20.56	26.79
Production, planning, and expediting clerks .....	12.16	14.62	19.09	23.41	25.78
Shipping, receiving, and traffic clerks .....	8.60	10.18	12.40	15.38	19.25
Stock clerks and order fillers .....	8.50	10.00	12.01	14.64	17.65
Weighers, measurers, checkers, and samplers, recordkeeping .....	10.75	11.23	13.62	16.12	19.50
Secretaries and administrative assistants .....	11.70	14.38	17.37	21.28	26.44
Executive secretaries and administrative assistants .....	13.90	16.59	19.81	24.28	29.00

See footnotes at end of table.

Table 16

Full-time civilian workers: Hourly wage percentiles<sup>1</sup> — Continued

Occupation <sup>2</sup>	Wages fall at or below the following percentiles				
	10	25	50	75	90
<b>Office and administrative support occupations –Continued</b>					
Legal secretaries .....	\$14.42	\$15.32	\$18.26	\$24.98	\$31.73
Medical secretaries .....	10.00	12.00	14.50	18.00	20.78
Secretaries, except legal, medical, and executive .....	11.00	13.30	15.91	18.87	22.50
Computer operators .....	10.35	12.39	15.70	19.10	21.99
Data entry and information processing workers .....	10.00	11.03	13.32	15.88	18.37
Data entry keyers .....	9.75	11.00	12.62	14.84	17.36
Word processors and typists .....	11.30	12.84	15.68	17.60	22.89
Desktop publishers .....	11.57	13.98	16.83	24.01	26.32
Insurance claims and policy processing clerks .....	10.66	12.50	15.38	18.27	21.63
Mail clerks and mail machine operators, except postal service ..	7.71	10.26	11.14	13.36	16.87
Office clerks, general .....	9.80	11.47	13.59	16.70	20.19
Office machine operators, except computer .....	9.25	10.15	12.39	14.50	16.64
Proofreaders and copy markers .....	11.25	12.15	12.24	14.86	16.91
Statistical assistants .....	12.19	14.67	18.77	22.81	25.89
<b>Farming, fishing, and forestry occupations .....</b>					
Graders and sorters, agricultural products .....	7.00	8.60	10.50	16.10	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	11.00	14.38
Logging workers .....	7.00	7.50	9.54	10.00	14.25
Logging workers .....	11.50	13.01	14.70	23.15	24.48
<b>Construction and extraction occupations .....</b>					
First-line supervisors/managers of construction trades and extraction workers .....	10.57	13.42	18.00	25.00	32.61
Boilermakers .....	16.92	20.38	25.00	32.33	38.46
Brickmasons, blockmasons, and stonemasons .....	20.00	20.00	23.97	27.97	29.09
Brickmasons and blockmasons .....	18.00	21.00	26.02	28.50	39.85
Brickmasons and blockmasons .....	18.00	21.58	26.73	28.62	39.85
Carpenters .....	13.25	16.00	19.42	24.50	32.00
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 .....	13.10	15.00	19.00	23.50	26.68
Cement masons and concrete finishers .....	13.04	15.00	19.00	23.50	26.68
Construction laborers .....	9.00	10.00	13.37	20.00	26.17
Construction equipment operators .....	11.47	14.00	17.00	24.64	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 .....	12.33	14.37	17.76	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	17.50	20.98	31.25
Tapers .....	14.00	16.25	18.61	22.88	25.00
Electricians .....	12.50	15.68	20.83	31.24	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

See footnotes at end of table.

Table 16

Full-time civilian workers: Hourly wage percentiles<sup>1</sup> — Continued

Occupation <sup>2</sup>	Wages fall at or below the following percentiles				
	10	25	50	75	90
<b>Construction and extraction occupations –Continued</b>					
Insulation workers, mechanical .....	\$13.50	\$16.73	\$16.73	\$20.00	\$21.00
Painters and paperhangers .....	10.25	12.25	14.00	18.53	23.78
Painters, construction and maintenance .....	10.25	12.25	14.00	18.21	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	24.00	28.50
Sheet metal workers .....	11.25	14.20	17.50	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	13.00	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	11.50	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 .....	15.80	19.01	22.81	30.07	33.80
Elevator installers and repairers .....	25.29	31.31	36.80	50.31	50.31
Hazardous materials removal workers .....	10.00	11.00	15.91	33.15	33.15
Highway maintenance workers .....	11.50	12.50	15.75	19.31	22.24
Septic tank servicers and sewer pipe cleaners .....	12.13	13.00	20.87	21.87	21.87
Miscellaneous construction and related workers .....	10.00	11.00	15.44	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
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
<b>Installation, maintenance, and repair occupations .....</b>	<b>11.50</b>	<b>14.86</b>	<b>19.05</b>	<b>25.21</b>	<b>30.18</b>
First-line supervisors/managers of mechanics, installers, and repairers .....	16.03	19.32	25.42	31.63	39.65
Computer, automated teller, and office machine repairers .....	9.89	14.42	17.82	20.31	24.15
Radio and telecommunications equipment installers and repairers .....	18.00	24.66	28.55	30.56	32.98
Telecommunications equipment installers and repairers, except line installers .....	18.00	24.19	28.55	30.56	32.98
Miscellaneous electrical and electronic equipment mechanics, installers, and repairers .....	11.50	13.76	17.78	25.00	29.76
Avionics technicians .....	7.30	7.75	9.91	16.00	28.44

See footnotes at end of table.

Table 16

Full-time civilian workers: Hourly wage percentiles<sup>1</sup> — Continued

Occupation <sup>2</sup>	Wages fall at or below the following percentiles				
	10	25	50	75	90
<b>Installation, maintenance, and repair occupations</b> –Continued					
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 .....	17.68	19.89	24.45	27.68	29.12
Electrical and electronics repairers, commercial and industrial equipment .....	12.50	15.75	21.86	27.82	28.85
Electrical and electronics repairers, powerhouse, substation, and relay .....	18.88	24.84	31.01	35.50	36.27
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	22.50	26.94	29.92	40.20
Automotive technicians and repairers .....	10.50	13.28	17.41	22.15	27.37
Automotive body and related repairers .....	11.62	13.30	16.00	19.03	24.78
Automotive glass installers and repairers .....	12.52	13.50	17.43	20.45	21.50
Automotive service technicians and mechanics .....	10.00	13.20	18.00	22.64	27.67
Bus and truck mechanics and diesel engine specialists .....	13.50	15.97	19.00	22.77	27.21
Heavy vehicle and mobile equipment service technicians and mechanics .....	13.65	15.85	19.00	22.00	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	26.33
Rail car repairers .....	16.35	19.01	22.77	26.15	29.63
Small engine mechanics .....	11.00	14.28	16.00	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	14.55	16.00	18.00	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 .....	11.75	15.00	19.53	24.69	31.24
Control and valve installers and repairers, except mechanical door .....	13.31	17.09	21.21	26.72	31.24
Heating, air conditioning, and refrigeration mechanics and installers .....	12.67	15.88	19.19	24.00	29.96
Home appliance repairers .....	12.16	15.00	18.37	22.00	27.21
Industrial machinery installation, repair, and maintenance workers .....	12.04	15.22	18.61	23.06	28.75
Industrial machinery mechanics .....	15.50	18.38	21.51	27.05	32.20
Maintenance and repair workers, general .....	10.59	13.18	16.90	20.85	26.88
Maintenance workers, machinery .....	12.38	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	22.49	27.69	29.80	32.10
Electrical power-line installers and repairers .....	17.37	22.87	27.80	31.27	35.27
Telecommunications line installers and repairers .....	15.62	22.00	27.65	29.63	30.18

See footnotes at end of table.

Table 16

Full-time civilian workers: Hourly wage percentiles<sup>1</sup> — Continued

Occupation <sup>2</sup>	Wages fall at or below the following percentiles				
	10	25	50	75	90
<b>Installation, maintenance, and repair occupations</b> –Continued					
Precision instrument and equipment repairers .....	\$11.75	\$15.10	\$19.95	\$27.69	\$31.85
Medical equipment repairers .....	10.68	15.10	18.54	26.28	27.69
Miscellaneous installation, maintenance, and repair workers .....	9.41	11.33	14.40	18.67	24.29
Coin, vending, and amusement machine servicers and repairers .....	11.00	11.67	14.35	17.38	19.72
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	14.60	17.93
<b>Production occupations</b> .....	8.59	10.71	14.05	19.00	25.44
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 .....	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	13.11	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	14.64	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

See footnotes at end of table.

Table 16

Full-time civilian workers: Hourly wage percentiles<sup>1</sup> — Continued

Occupation <sup>2</sup>	Wages fall at or below the following percentiles				
	10	25	50	75	90
<b>Production occupations</b> –Continued					
Machine tool cutting setters, operators, and tenders, metal and plastic .....	\$9.00	\$10.75	\$13.55	\$17.58	\$20.64
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	16.52	20.40	24.00	28.42
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 .....	11.05	12.93	16.10	19.78	25.00
Welders, cutters, solderers, and brazers .....	11.50	12.95	16.30	19.89	24.72
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	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	13.00	17.38	19.65
Bindery workers .....	8.25	10.00	12.95	17.38	19.40
Printers .....	10.04	12.69	16.73	20.05	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 .....	9.75	12.00	16.00	19.86	23.49
Laundry and dry-cleaning workers .....	7.50	8.27	9.77	11.24	14.70

See footnotes at end of table.

Table 16

Full-time civilian workers: Hourly wage percentiles<sup>1</sup> — Continued

Occupation <sup>2</sup>	Wages fall at or below the following percentiles				
	10	25	50	75	90
<b>Production occupations</b> –Continued					
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
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	16.45	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	11.06	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	10.48	12.43	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	13.39	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 .....	14.90	20.31	25.07	30.77	35.48
Water and liquid waste treatment plant and system operators .....	12.57	15.17	18.15	22.01	27.45
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

See footnotes at end of table.

Table 16

Full-time civilian workers: Hourly wage percentiles<sup>1</sup> — Continued

Occupation <sup>2</sup>	Wages fall at or below the following percentiles				
	10	25	50	75	90
<b>Production occupations –Continued</b>					
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	21.92
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	11.01	14.47	19.56	25.21
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	11.29	14.00	17.87	21.72
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 .....	8.75	10.78	13.00	14.99	18.07
Photographic process workers and processing machine operators .....	8.96	10.12	11.79	14.10	24.26
Photographic process workers .....	11.00	11.00	11.00	15.00	27.67
Photographic processing machine operators .....	8.96	9.64	13.00	14.00	16.26
Semiconductor processors .....	11.44	13.70	16.53	19.10	21.67
Miscellaneous production workers .....	8.00	9.25	11.68	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
<b>Transportation and material moving occupations .....</b>	8.34	10.28	13.75	18.25	23.23
First-line supervisors/managers of helpers, laborers, and material movers, hand .....	11.77	15.11	19.56	23.50	28.77
First-line supervisors/managers of transportation and material-moving machine and vehicle operators .....	14.90	18.35	22.96	26.92	31.64
Aircraft pilots and flight engineers .....	30.74	40.87	99.73	144.35	163.25
Airline pilots, copilots, and flight engineers .....	49.00	89.01	122.95	152.38	172.89
Ambulance drivers and attendants, except emergency medical technicians .....	10.00	10.05	12.54	12.54	16.01
Bus drivers .....	10.25	11.63	15.30	19.06	24.89
Bus drivers, transit and intercity .....	10.61	11.63	16.29	22.81	25.89
Bus drivers, school .....	10.16	11.82	14.44	17.85	20.58
Driver/sales workers and truck drivers .....	10.00	12.64	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	10.41	13.53	18.25	27.00

See footnotes at end of table.

Table 16

Full-time civilian workers: Hourly wage percentiles<sup>1</sup> — Continued

Occupation <sup>2</sup>	Wages fall at or below the following percentiles				
	10	25	50	75	90
<b>Transportation and material moving occupations –Continued</b>					
Taxi drivers and chauffeurs .....	\$7.15	\$8.50	\$10.00	\$12.75	\$14.25
Subway and streetcar operators .....	18.80	23.54	26.55	27.68	27.68
Sailors and marine oilers .....	8.75	10.42	14.16	14.38	16.67
Ship and boat captains and operators .....	15.00	16.50	19.94	32.13	38.06
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	7.50	8.00	9.72	11.00
Service station attendants .....	7.66	8.00	9.50	13.30	18.09
Transportation inspectors .....	17.60	21.75	22.65	29.92	30.40
Conveyor operators and tenders .....	8.75	9.25	14.55	16.29	27.49
Crane and tower operators .....	13.10	15.35	18.76	22.55	29.31
Dredge, excavating, and loading machine operators .....	11.00	13.79	16.00	18.50	24.15
Excavating and loading machine and dragline operators .....	11.00	13.50	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	11.25	13.80	16.91	21.99
Laborers and material movers, hand .....	7.50	8.60	10.50	13.23	16.87
Cleaners of vehicles and equipment .....	7.47	8.27	9.45	12.03	14.53
Laborers and freight, stock, and material movers, hand .....	7.91	9.02	11.00	14.28	18.00
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	20.29	22.36	22.36	26.61
Refuse and recyclable material collectors .....	7.72	9.25	11.45	16.00	19.82
Tank car, truck, and ship loaders .....	13.50	15.50	19.63	24.52	27.85

<sup>1</sup> Percentiles designate position in the earnings distribution and are calculated from individual worker earnings and the hours they are scheduled to work. See appendix A for more information.

<sup>2</sup> A classification system including about 800 individual occupations is used to cover all workers in the civilian economy. See appendix B for more information.

NOTE: Dashes indicate that data did not meet publication criteria. Overall occupational groups may include data for categories not shown separately.

SOURCE: Bureau of Labor Statistics, National Compensation Survey.

Table 17

Part-time civilian workers: Hourly wage percentiles<sup>1</sup>

Occupation <sup>2</sup>	Wages fall at or below the following percentiles				
	10	25	50	75	90
<b>All workers</b> .....	\$6.15	\$7.25	\$8.77	\$12.00	\$19.40
<b>Management occupations</b> .....	13.75	20.19	29.15	35.00	54.30
Financial managers .....	13.84	32.49	52.07	57.11	75.00
Education administrators .....	14.88	24.88	33.00	33.00	45.90
Education administrators, elementary and secondary school ..	14.88	14.88	38.66	45.75	46.26
Education administrators, postsecondary .....	19.66	20.36	28.70	45.90	103.43
Medical and health services managers .....	23.26	23.26	28.99	28.99	46.65
<b>Business and financial operations occupations</b> .....	12.25	19.20	24.00	33.01	37.73
Claims adjusters, appraisers, examiners, and investigators .....	16.88	17.49	17.90	31.44	32.01
Claims adjusters, examiners, and investigators .....	16.88	17.49	17.90	31.44	32.01
Human resources, training, and labor relations specialists .....	12.98	14.26	16.92	23.03	26.43
Training and development specialists .....	16.92	16.92	18.62	34.00	38.60
Management analysts .....	20.00	20.00	23.00	24.16	28.65
Accountants and auditors .....	14.58	21.00	25.21	33.50	36.19
Appraisers and assessors of real estate .....	13.40	13.40	15.81	29.31	54.10
<b>Computer and mathematical science occupations</b> .....	14.14	18.00	35.00	52.83	78.10
Computer programmers .....	13.00	23.00	36.20	38.37	53.00
Computer support specialists .....	9.00	9.00	16.00	17.95	18.17
Computer systems analysts .....	40.58	44.55	78.10	78.10	78.10
Network and computer systems administrators .....	16.90	17.58	21.49	25.32	26.55
<b>Architecture and engineering occupations</b> .....	11.00	17.07	27.49	40.00	49.00
Engineers .....	25.00	26.70	40.00	46.73	49.00
Drafters .....	8.00	10.00	15.00	31.63	42.00
Engineering technicians, except drafters .....	13.00	17.46	23.00	30.10	30.10
<b>Life, physical, and social science occupations</b> .....	12.00	15.00	19.17	28.35	39.74
Life scientists .....	14.31	18.50	20.72	28.35	54.37
Biological scientists .....	14.31	17.00	18.63	27.82	28.35
Medical scientists .....	20.72	26.27	28.00	54.37	54.37
Psychologists .....	24.50	24.50	37.13	49.91	55.10
Clinical, counseling, and school psychologists .....	24.50	24.50	39.71	50.49	55.10
Biological technicians .....	15.00	15.35	16.50	16.50	25.05
Miscellaneous life, physical, and social science technicians .....	9.50	13.45	16.62	19.17	25.05
<b>Community and social services occupations</b> .....	8.80	11.09	16.00	23.40	28.26
Counselors .....	7.25	10.49	15.96	20.15	28.00
Substance abuse and behavioral disorder counselors .....	10.49	15.00	19.22	22.00	27.38
Educational, vocational, and school counselors .....	10.35	13.20	17.00	25.00	31.61
Mental health counselors .....	10.30	14.69	25.00	28.00	56.25
Rehabilitation counselors .....	10.31	11.00	12.95	18.56	19.18
Social workers .....	12.35	14.92	20.02	25.07	27.88
Child, family, and school social workers .....	12.00	14.05	18.50	20.02	25.35
Medical and public health social workers .....	12.35	12.35	23.32	26.36	32.74

See footnotes at end of table.

Table 17

Part-time civilian workers: Hourly wage percentiles<sup>1</sup> — Continued

Occupation <sup>2</sup>	Wages fall at or below the following percentiles				
	10	25	50	75	90
<b>Community and social services occupations</b> –Continued					
Mental health and substance abuse social workers .....	\$13.64	\$16.42	\$21.18	\$25.07	\$27.32
Miscellaneous community and social service specialists .....	8.80	9.25	11.86	16.00	22.35
Health educators .....	24.84	24.84	36.46	40.51	40.51
Social and human service assistants .....	8.80	8.80	11.62	15.00	17.31
Clergy .....	13.67	18.69	21.03	30.28	30.28
<b>Legal occupations</b> .....					
Lawyers .....	15.74	30.45	49.49	64.41	66.67
Paralegals and legal assistants .....	12.47	12.47	19.00	22.98	28.50
Miscellaneous legal support workers .....	10.96	13.50	16.75	20.14	38.25
Law clerks .....	10.00	13.50	16.75	38.25	66.77
<b>Education, training, and library occupations</b> .....					
Postsecondary teachers .....	12.50	18.95	27.78	40.00	56.62
Business teachers, postsecondary .....	11.91	11.91	17.53	25.62	34.45
Math and computer teachers, postsecondary .....	14.82	18.29	28.90	36.11	56.62
Computer science teachers, postsecondary .....	17.27	18.29	26.25	40.00	56.62
Mathematical science teachers, postsecondary .....	14.40	20.86	30.40	35.37	50.00
Engineering and architecture teachers, postsecondary .....	39.06	71.82	84.12	84.12	97.32
Life sciences teachers, postsecondary .....	20.83	23.89	37.35	42.14	46.97
Biological science teachers, postsecondary .....	20.83	23.89	37.35	42.14	46.97
Social sciences teachers, postsecondary .....	15.01	25.11	34.47	51.59	60.61
Psychology teachers, postsecondary .....	17.81	17.81	20.79	34.45	38.68
Health teachers, postsecondary .....	20.30	25.00	32.33	39.43	64.62
Health specialties teachers, postsecondary .....	20.26	24.31	26.53	41.43	54.31
Nursing instructors and teachers, postsecondary .....	20.30	30.85	39.43	39.43	64.62
Education and library science teachers, postsecondary .....	10.15	11.97	15.00	23.70	29.00
Education teachers, postsecondary .....	10.15	11.97	15.00	23.70	29.00
Law, criminal justice, and social work teachers, postsecondary .....	11.73	27.34	42.19	45.00	48.08
Arts, communications, and humanities teachers, postsecondary .....	12.17	14.21	22.15	38.33	45.72
Art, drama, and music teachers, postsecondary .....	16.04	17.21	37.77	43.93	45.72
Communications teachers, postsecondary .....	15.87	18.75	21.21	21.21	45.00
English language and literature teachers, postsecondary ....	12.17	12.17	13.50	22.15	43.23
Foreign language and literature teachers, postsecondary ....	14.77	14.77	26.30	26.30	29.17
History teachers, postsecondary .....	31.50	37.35	41.25	48.43	48.63
Miscellaneous postsecondary teachers .....	14.00	20.42	29.24	37.19	50.00
Graduate teaching assistants .....	8.00	10.72	14.56	15.48	15.48
Recreation and fitness studies teachers, postsecondary .....	6.25	7.25	20.00	24.11	40.00
Vocational education teachers, postsecondary .....	16.50	23.40	30.36	32.33	45.00
Primary, secondary, and special education school teachers .....	9.91	11.50	15.21	22.50	36.29
Preschool and kindergarten teachers .....	8.75	11.15	14.36	22.50	22.50
Preschool teachers, except special education .....	8.75	11.15	14.36	22.50	22.50
Elementary and middle school teachers .....	10.00	10.91	15.00	22.06	31.48

See footnotes at end of table.

Table 17

Part-time civilian workers: Hourly wage percentiles<sup>1</sup> — Continued

Occupation <sup>2</sup>	Wages fall at or below the following percentiles				
	10	25	50	75	90
<b>Education, training, and library occupations</b> –Continued					
Elementary school teachers, except special education .....	\$10.00	\$10.91	\$14.71	\$20.20	\$31.48
Middle school teachers, except special and vocational education .....	17.50	23.33	27.02	31.24	38.73
Secondary school teachers .....	10.71	16.00	21.43	39.56	47.35
Secondary school teachers, except special and vocational education .....	10.67	14.62	21.43	39.56	47.12
Vocational education teachers, secondary school .....	15.00	17.72	28.81	42.14	56.06
Special education teachers .....	10.71	23.35	30.37	51.39	60.00
Special education teachers, preschool, kindergarten, and elementary school .....	10.71	23.35	30.39	51.39	60.00
Other teachers and instructors .....	7.81	9.57	14.46	20.00	26.00
Adult literacy, remedial education, and GED teachers and instructors .....	14.85	18.60	24.00	26.49	44.98
Self-enrichment education teachers .....	11.00	16.00	20.00	22.83	42.00
Archivists, curators, and museum technicians .....	10.25	12.36	14.25	14.25	22.21
Librarians .....	12.36	15.13	19.71	23.80	27.43
Library technicians .....	8.57	10.00	12.92	20.71	23.65
Instructional coordinators .....	16.96	22.18	26.00	30.83	31.03
Teacher assistants .....	8.14	9.00	10.50	12.62	15.87
<b>Arts, design, entertainment, sports, and media occupations</b> .....					
Designers .....	7.85	8.50	11.00	19.48	30.77
Floral designers .....	7.85	8.50	10.00	14.42	24.81
Athletes, coaches, umpires, and related workers .....	7.50	7.95	9.00	10.00	10.00
Coaches and scouts .....	7.03	9.00	12.13	16.90	24.00
Umpires, referees, and other sports officials .....	7.50	9.76	12.60	17.21	25.31
Dancers and choreographers .....	6.00	7.00	9.00	15.00	17.50
Dancers .....	7.00	10.78	17.22	29.34	29.34
Choreographers .....	7.00	7.00	18.00	29.34	29.34
Musicians, singers, and related workers .....	10.78	13.33	17.22	25.00	25.00
Music directors and composers .....	15.00	20.66	21.36	30.95	43.33
Musicians and singers .....	15.00	15.00	20.66	30.77	39.30
Announcers .....	21.36	21.36	22.97	34.00	75.00
News analysts, reporters and correspondents .....	8.00	9.00	10.00	12.00	12.79
Reporters and correspondents .....	8.00	10.00	14.00	20.00	33.81
Writers and editors .....	8.00	10.00	14.00	20.00	33.81
Editors .....	12.00	20.00	24.11	25.89	42.00
Miscellaneous media and communication workers .....	9.00	20.00	21.13	25.89	42.00
Interpreters and translators .....	10.00	13.91	16.59	19.00	23.00
Broadcast and sound engineering technicians and radio operators .....	12.50	14.91	18.00	20.00	23.00
Audio and video equipment technicians .....	8.00	8.37	18.62	38.20	45.63
<b>Healthcare practitioner and technical occupations</b> .....					
Dietitians and nutritionists .....	8.30	9.00	15.61	31.99	38.20
<b>Healthcare practitioner and technical occupations</b> .....					
Dietitians and nutritionists .....	14.42	19.31	26.67	34.18	45.00
Dietitians and nutritionists .....	21.25	22.47	24.34	26.10	28.98

See footnotes at end of table.

Table 17

Part-time civilian workers: Hourly wage percentiles<sup>1</sup> — Continued

Occupation <sup>2</sup>	Wages fall at or below the following percentiles				
	10	25	50	75	90
<b>Healthcare practitioner and technical occupations</b> –Continued					
Pharmacists .....	\$11.00	\$19.93	\$38.51	\$47.56	\$50.00
Physicians and surgeons .....	57.69	63.27	75.29	111.21	192.23
Physician assistants .....	34.45	34.45	36.84	45.00	62.31
Registered nurses .....	21.95	25.12	29.75	35.22	43.95
Therapists .....	20.22	24.99	31.89	37.83	48.40
Occupational therapists .....	27.92	29.00	33.22	37.83	49.41
Physical therapists .....	31.20	33.70	37.60	40.00	45.00
Respiratory therapists .....	21.52	22.80	24.50	28.32	32.00
Speech-language pathologists .....	31.12	36.70	44.88	80.00	130.00
Clinical laboratory technologists and technicians .....	12.88	15.64	17.41	22.63	28.97
Medical and clinical laboratory technologists .....	19.51	21.95	25.50	29.01	34.95
Medical and clinical laboratory technicians .....	12.00	14.95	16.50	18.77	22.12
Dental hygienists .....	24.00	29.00	33.53	45.00	50.00
Diagnostic related technologists and technicians .....	14.04	17.58	22.41	29.94	37.56
Cardiovascular technologists and technicians .....	9.50	14.04	14.04	19.79	32.00
Radiologic technologists and technicians .....	17.26	18.50	24.72	29.62	36.79
Emergency medical technicians and paramedics .....	9.70	10.75	14.00	15.42	20.27
Health diagnosing and treating practitioner support technicians	8.40	10.92	13.84	16.00	19.12
Pharmacy technicians .....	8.84	10.49	13.33	13.84	15.95
Psychiatric technicians .....	11.04	12.26	13.43	14.94	20.93
Respiratory therapy technicians .....	9.28	18.83	22.53	26.39	28.00
Surgical technologists .....	15.15	17.50	18.40	18.98	19.77
Licensed practical and licensed vocational nurses .....	14.98	16.60	17.93	21.13	25.00
Medical records and health information technicians .....	9.65	10.39	12.11	14.00	21.10
Miscellaneous health technologists and technicians .....	7.28	12.21	14.00	20.05	29.64
Miscellaneous healthcare practitioner and technical workers ....	8.49	17.17	19.12	19.12	19.12
<b>Healthcare support occupations</b> .....	6.53	8.35	10.00	12.39	15.69
Nursing, psychiatric, and home health aides .....	6.25	8.00	9.85	11.10	13.61
Home health aides .....	6.00	6.50	8.00	9.90	10.50
Nursing aides, orderlies, and attendants .....	8.28	9.30	10.50	12.40	14.74
Psychiatric aides .....	7.55	8.00	10.00	14.03	15.02
Occupational therapist assistants and aides .....	11.77	11.77	15.59	16.29	16.43
Occupational therapist aides .....	11.26	11.77	14.91	15.70	16.04
Physical therapist assistants and aides .....	9.52	9.85	10.35	20.83	23.46
Physical therapist assistants .....	9.85	9.85	10.00	20.97	30.00
Physical therapist aides .....	8.00	9.74	10.55	12.38	20.72
Massage therapists .....	8.94	12.36	20.94	28.00	34.99
Miscellaneous healthcare support occupations .....	7.30	9.00	11.25	15.16	18.02
Dental assistants .....	10.00	10.00	14.00	15.25	21.00
Medical assistants .....	9.00	11.00	14.98	16.24	17.68
Medical equipment preparers .....	7.00	11.25	13.71	17.31	17.78
Medical transcriptionists .....	11.28	14.77	16.00	20.98	21.00
Pharmacy aides .....	5.85	7.30	8.92	10.00	14.31
Veterinary assistants and laboratory animal caretakers .....	6.50	8.00	8.50	10.00	10.00

See footnotes at end of table.

Table 17

Part-time civilian workers: Hourly wage percentiles<sup>1</sup> — Continued

Occupation <sup>2</sup>	Wages fall at or below the following percentiles				
	10	25	50	75	90
<b>Protective service occupations</b> .....	\$7.15	\$8.00	\$9.53	\$11.33	\$15.38
Fire fighters .....	8.00	10.50	12.42	14.50	22.54
Bailiffs, correctional officers, and jailers .....	9.00	9.00	12.36	15.09	17.49
Correctional officers and jailers .....	9.00	9.00	13.16	15.09	17.49
Police officers .....	8.73	10.75	12.32	17.27	21.00
Police and sheriff's patrol officers .....	8.73	10.75	12.32	17.27	21.00
Security guards and gaming surveillance officers .....	7.25	8.00	9.77	11.00	15.00
Security guards .....	7.25	8.00	9.77	11.00	15.00
Miscellaneous protective service workers .....	6.75	7.50	8.22	10.00	13.00
Crossing guards .....	6.75	8.72	10.07	13.59	16.53
Lifeguards, ski patrol, and other recreational protective service workers .....	6.60	7.28	7.98	9.50	10.75
<b>Food preparation and serving related occupations</b> .....	3.25	6.00	7.15	8.00	9.50
First-line supervisors/managers, food preparation and serving workers .....	7.78	8.87	9.64	12.50	13.70
First-line supervisors/managers of food preparation and serving workers .....	7.50	8.50	10.00	12.50	14.54
Cooks .....	6.65	7.15	8.16	9.60	11.50
Cooks, fast food .....	6.15	6.85	7.15	7.80	8.25
Cooks, institution and cafeteria .....	7.54	8.50	9.50	11.08	12.50
Cooks, restaurant .....	7.00	8.00	9.00	10.50	12.00
Cooks, short order .....	6.65	7.25	8.00	10.50	12.50
Food preparation workers .....	6.50	7.15	7.80	9.00	10.60
Food service, tipped .....	2.31	3.08	5.25	7.50	8.07
Bartenders .....	4.00	5.15	7.00	8.00	10.00
Waiters and waitresses .....	2.13	2.75	3.90	6.50	7.80
Dining room and cafeteria attendants and bartender helpers ..	4.00	5.50	7.09	7.93	9.11
Fast food and counter workers .....	6.00	6.50	7.15	8.00	9.03
Combined food preparation and serving workers, including fast food .....	6.00	6.50	7.15	8.00	9.00
Counter attendants, cafeteria, food concession, and coffee shop .....	6.20	6.75	7.50	8.50	9.50
Food servers, nonrestaurant .....	3.90	6.00	7.62	9.00	11.94
Dishwashers .....	6.25	6.75	7.50	8.15	9.00
Hosts and hostesses, restaurant, lounge, and coffee shop .....	5.15	6.55	7.50	8.25	10.00
<b>Building and grounds cleaning and maintenance occupations</b> .....	6.50	7.37	8.50	10.00	12.42
First-line supervisors/managers, building and grounds cleaning and maintenance workers .....	8.75	12.00	14.17	15.00	15.00
First-line supervisors/managers of housekeeping and janitorial workers .....	7.84	12.00	14.17	15.00	15.00
Building cleaning workers .....	6.48	7.32	8.46	10.00	12.11
Janitors and cleaners, except maids and housekeeping cleaners .....	6.48	7.47	8.46	10.00	12.23
Maids and housekeeping cleaners .....	6.67	7.20	8.25	9.65	11.96

See footnotes at end of table.

Table 17

Part-time civilian workers: Hourly wage percentiles<sup>1</sup> — Continued

Occupation <sup>2</sup>	Wages fall at or below the following percentiles				
	10	25	50	75	90
<b>Building and grounds cleaning and maintenance occupations</b>					
–Continued					
Grounds maintenance workers .....	\$6.67	\$7.59	\$9.00	\$9.26	\$12.00
Landscaping and groundskeeping workers .....	6.95	8.00	9.00	9.50	12.76
<b>Personal care and service occupations</b>					
First-line supervisors/managers of personal service workers .....	6.00	6.85	8.16	10.52	13.49
Nonfarm animal caretakers .....	10.00	11.35	13.50	15.81	15.81
Gaming services workers .....	6.00	6.50	7.00	7.50	8.50
Gaming and sports book writers and runners .....	5.15	5.36	5.36	6.88	8.09
Ushers, lobby attendants, and ticket takers .....	7.50	7.50	7.57	12.50	20.00
Miscellaneous entertainment attendants and related workers .....	6.35	7.15	9.03	13.17	13.17
Amusement and recreation attendants .....	5.98	6.60	7.40	8.15	9.47
Locker room, coatroom, and dressing room attendants .....	5.85	6.50	7.10	7.94	8.96
Funeral attendants .....	7.02	7.23	7.85	9.00	10.20
Barbers and cosmetologists .....	8.50	8.50	10.00	12.50	12.65
Hairdressers, hairstylists, and cosmetologists .....	7.92	10.00	12.90	16.18	21.89
Miscellaneous personal appearance workers .....	7.50	9.00	12.50	20.43	22.00
Skin care specialists .....	6.71	7.32	9.00	16.44	30.00
Baggage porters, bellhops, and concierges .....	7.48	10.21	20.00	30.00	30.00
Baggage porters and bellhops .....	7.45	7.82	8.73	8.83	12.00
Concierges .....	6.25	7.72	7.82	8.83	8.83
Tour and travel guides .....	8.00	8.73	8.73	10.85	12.36
Tour guides and escorts .....	7.00	7.25	10.75	14.10	15.70
Transportation attendants .....	6.90	7.25	10.25	13.75	15.00
Transportation attendants, except flight attendants and baggage porters .....	7.73	9.32	10.96	33.17	48.85
Child care workers .....	7.73	8.62	10.00	11.13	12.10
Personal and home care aides .....	6.50	7.15	8.00	10.50	13.04
Recreation and fitness workers .....	5.15	6.05	7.15	9.27	10.70
Fitness trainers and aerobics instructors .....	6.91	8.00	9.50	11.50	17.01
Recreation workers .....	8.00	9.25	11.44	17.01	21.33
	6.62	7.80	9.00	10.52	13.63
<b>Sales and related occupations</b>					
First-line supervisors/managers, sales workers .....	6.50	7.15	8.00	9.37	11.37
First-line supervisors/managers of retail sales workers .....	8.25	9.00	9.44	12.00	15.78
Retail sales workers .....	7.46	8.56	9.77	12.78	17.93
Cashiers, all workers .....	6.50	7.15	8.00	9.13	11.00
Cashiers .....	6.50	7.00	7.79	9.00	10.34
Gaming change persons and booth cashiers .....	6.50	7.00	7.79	9.00	10.30
Counter and rental clerks and parts salespersons .....	7.45	7.50	9.00	11.29	12.50
Counter and rental clerks .....	6.25	7.15	7.75	8.55	9.75
Parts salespersons .....	6.43	7.00	7.50	8.25	9.25
Retail salespersons .....	6.00	8.00	8.50	9.50	10.30
Travel agents .....	6.50	7.25	8.13	9.77	12.00
Sales representatives, wholesale and manufacturing .....	10.29	11.00	11.00	11.00	13.50
	9.56	9.67	10.74	12.50	15.00

See footnotes at end of table.

Table 17

Part-time civilian workers: Hourly wage percentiles<sup>1</sup> — Continued

Occupation <sup>2</sup>	Wages fall at or below the following percentiles				
	10	25	50	75	90
<b>Sales and related occupations –Continued</b>					
Sales representatives, wholesale and manufacturing, except technical and scientific products .....	\$9.56	\$9.67	\$10.61	\$13.00	\$15.00
Models, demonstrators, and product promoters .....	8.95	8.95	9.37	11.01	17.50
Demonstrators and product promoters .....	8.95	8.95	9.37	11.01	17.50
Real estate brokers and sales agents .....	6.92	12.50	13.00	15.14	53.85
Telemarketers .....	7.00	7.50	9.23	11.05	14.20
Miscellaneous sales and related workers .....	7.00	7.50	8.50	10.04	13.41
Door-to-door sales workers, news and street vendors, and related workers .....	9.37	9.37	10.92	10.92	12.53
<b>Office and administrative support occupations .....</b>					
First-line supervisors/managers of office and administrative support workers .....	13.75	14.00	20.00	25.00	25.00
Switchboard operators, including answering service .....	7.49	9.50	10.28	11.00	12.94
Telephone operators .....	8.93	9.00	9.82	11.00	12.27
Financial clerks .....	8.33	9.75	11.50	14.43	16.36
Bill and account collectors .....	8.33	9.76	11.59	15.98	17.92
Billing and posting clerks and machine operators .....	10.97	11.57	12.36	15.12	16.42
Bookkeeping, accounting, and auditing clerks .....	9.00	10.75	13.00	15.00	18.00
Payroll and timekeeping clerks .....	9.50	10.65	12.75	18.95	20.46
Procurement clerks .....	8.50	8.74	8.74	13.40	21.25
Tellers .....	8.00	9.16	10.24	11.58	13.20
Court, municipal, and license clerks .....	7.00	8.78	12.72	17.90	38.43
Customer service representatives .....	8.00	9.00	10.94	13.60	16.62
File clerks .....	7.61	8.50	10.00	10.61	15.00
Hotel, motel, and resort desk clerks .....	6.25	7.46	8.48	9.50	11.55
Interviewers, except eligibility and loan .....	7.75	8.18	9.25	11.00	12.67
Library assistants, clerical .....	7.00	8.04	9.75	11.71	15.14
Loan interviewers and clerks .....	10.00	10.00	16.00	17.80	20.27
New accounts clerks .....	10.30	10.30	13.12	15.21	19.93
Order clerks .....	7.35	8.60	10.55	13.05	25.00
Human resources assistants, except payroll and timekeeping .....	8.87	11.20	17.57	18.41	21.12
Receptionists and information clerks .....	7.50	8.00	10.00	12.40	15.00
Reservation and transportation ticket agents and travel clerks .....	8.94	10.21	15.56	18.70	21.22
Cargo and freight agents .....	12.09	14.49	14.95	37.50	38.00
Couriers and messengers .....	6.00	7.50	8.50	10.00	12.05
Dispatchers .....	7.78	9.00	10.60	13.53	16.60
Police, fire, and ambulance dispatchers .....	7.80	9.00	9.50	12.44	15.61
Dispatchers, except police, fire, and ambulance .....	7.00	10.50	10.60	14.31	18.00
Meter readers, utilities .....	9.00	10.00	11.10	16.00	16.00
Shipping, receiving, and traffic clerks .....	7.89	8.40	10.30	12.50	15.16
Stock clerks and order fillers .....	6.95	7.50	8.37	10.00	12.17
Secretaries and administrative assistants .....	10.00	11.56	14.00	17.00	21.92
Executive secretaries and administrative assistants .....	12.00	12.35	15.08	18.70	25.00
Legal secretaries .....	21.92	21.92	21.92	23.26	30.93

See footnotes at end of table.

Table 17

Part-time civilian workers: Hourly wage percentiles<sup>1</sup> — Continued

Occupation <sup>2</sup>	Wages fall at or below the following percentiles				
	10	25	50	75	90
<b>Office and administrative support occupations –Continued</b>					
Medical secretaries .....	\$10.50	\$11.00	\$13.59	\$16.58	\$18.35
Secretaries, except legal, medical, and executive .....	9.25	10.35	13.17	15.54	16.80
Computer operators .....	10.00	10.50	12.67	14.50	16.62
Data entry and information processing workers .....	8.50	10.36	12.21	15.50	21.67
Data entry keyers .....	9.00	10.43	12.21	14.91	21.67
Word processors and typists .....	6.50	9.90	12.58	16.97	19.17
Insurance claims and policy processing clerks .....	11.74	12.00	14.44	17.00	18.00
Mail clerks and mail machine operators, except postal service ..	8.31	9.27	12.40	13.24	15.29
Office clerks, general .....	8.23	9.75	11.50	13.45	16.95
Office machine operators, except computer .....	7.93	8.23	9.94	11.86	13.24
<b>Farming, fishing, and forestry occupations .....</b>					
Miscellaneous agricultural workers .....	6.89	7.20	10.78	17.00	17.43
Farmworkers and laborers, crop, nursery, and greenhouse .....	7.20	7.20	15.00	17.00	17.43
Farmworkers and laborers, crop, nursery, and greenhouse .....	7.25	14.28	15.00	17.43	17.43
<b>Construction and extraction occupations .....</b>					
Carpenters .....	8.00	10.03	14.00	24.51	31.11
Construction laborers .....	12.46	13.69	16.92	24.00	30.82
Electricians .....	7.72	9.02	25.00	27.82	31.55
Painters and paperhangers .....	11.25	13.50	23.15	34.15	35.00
Painters, construction and maintenance .....	9.00	9.32	9.32	10.03	18.88
Painters, construction and maintenance .....	9.00	9.32	9.32	10.03	18.88
Helpers, construction trades .....	7.50	8.00	12.71	13.17	16.00
Construction and building inspectors .....	12.15	15.60	16.11	21.31	22.00
Highway maintenance workers .....	10.00	10.50	12.00	12.77	12.88
<b>Installation, maintenance, and repair occupations .....</b>					
First-line supervisors/managers of mechanics, installers, and	7.61	8.87	10.75	15.00	30.00
repairers .....	8.80	10.20	20.88	21.50	29.21
Automotive technicians and repairers .....	9.82	10.65	12.00	12.67	20.57
Automotive service technicians and mechanics .....	9.30	12.00	12.00	12.74	20.57
Miscellaneous vehicle and mobile equipment mechanic,					
installers, and repairers .....	7.50	8.00	8.87	9.52	10.00
Tire repairers and changers .....	8.00	8.50	9.52	10.00	12.50
Industrial machinery installation, repair, and maintenance					
workers .....	8.00	8.74	11.00	15.00	28.96
Maintenance and repair workers, general .....	8.00	8.74	10.09	12.00	28.96
Miscellaneous installation, maintenance, and repair workers .....	6.79	7.50	9.60	11.50	17.07
Helpers--installation, maintenance, and repair workers .....	5.71	7.21	7.62	9.67	11.50
<b>Production occupations .....</b>					
Electrical, electronics, and electromechanical assemblers .....	7.13	8.05	9.69	11.00	15.17
Electrical and electronic equipment assemblers .....	7.00	10.00	10.73	11.00	12.68
Electrical and electronic equipment assemblers .....	7.00	10.00	10.73	11.00	12.68
Miscellaneous assemblers and fabricators .....	7.20	8.95	10.14	10.60	15.92
Bakers .....	7.75	8.15	9.20	13.50	13.50
Butchers and other meat, poultry, and fish processing workers ..	6.82	7.42	9.50	14.20	18.10

See footnotes at end of table.

Table 17

Part-time civilian workers: Hourly wage percentiles<sup>1</sup> — Continued

Occupation <sup>2</sup>	Wages fall at or below the following percentiles				
	10	25	50	75	90
<b>Production occupations –Continued</b>					
Butchers and meat cutters .....	\$9.00	\$10.00	\$12.05	\$17.23	\$18.84
Meat, poultry, and fish cutters and trimmers .....	6.00	6.82	6.82	8.79	8.79
Miscellaneous food processing workers .....	6.71	8.40	9.00	14.00	22.22
Food batchmakers .....	6.71	8.25	8.40	10.75	14.00
Machine tool cutting setters, operators, and tenders, metal and plastic .....	7.41	7.41	8.35	9.60	10.00
Bookbinders and bindery workers .....	7.00	7.00	8.75	9.32	10.50
Bindery workers .....	7.00	7.00	8.75	9.32	10.50
Printers .....	9.18	11.11	13.00	16.00	20.50
Prepress technicians and workers .....	8.75	11.11	11.11	15.00	15.00
Printing machine operators .....	10.00	12.00	16.00	16.96	23.76
Laundry and dry-cleaning workers .....	6.53	7.50	8.50	10.20	10.51
Pressers, textile, garment, and related materials .....	8.75	9.75	10.49	11.00	11.00
Tailors, dressmakers, and sewers .....	10.00	10.00	15.72	19.15	23.69
Tailors, dressmakers, and custom sewers .....	10.00	10.00	15.72	19.15	23.69
Water and liquid waste treatment plant and system operators ....	9.52	10.50	13.00	13.00	13.00
Inspectors, testers, sorters, samplers, and weighers .....	7.50	8.50	9.50	11.73	13.00
Packaging and filling machine operators and tenders .....	6.75	6.75	8.50	9.75	9.96
Painting workers .....	6.00	6.75	10.00	17.30	17.30
Painting, coating, and decorating workers .....	6.00	6.75	9.78	13.00	17.30
Photographic process workers and processing machine operators .....	7.00	7.28	7.28	9.30	10.11
Photographic processing machine operators .....	6.81	7.13	7.28	8.00	10.11
Miscellaneous production workers .....	7.40	8.50	9.89	10.00	15.17
Helpers--production workers .....	7.68	9.16	9.89	9.92	11.94
<b>Transportation and material moving occupations .....</b>	<b>6.50</b>	<b>7.45</b>	<b>9.00</b>	<b>11.79</b>	<b>15.00</b>
Bus drivers .....	10.00	11.74	13.03	15.50	18.00
Bus drivers, transit and intercity .....	9.71	11.16	13.00	14.17	16.57
Bus drivers, school .....	10.00	11.87	13.20	15.66	18.05
Driver/sales workers and truck drivers .....	5.85	7.00	8.25	11.75	16.01
Driver/sales workers .....	5.50	6.15	7.15	8.15	11.75
Truck drivers, heavy and tractor-trailer .....	8.04	13.00	16.01	17.70	22.00
Truck drivers, light or delivery services .....	6.70	7.77	9.11	12.96	16.45
Taxi drivers and chauffeurs .....	7.15	8.50	9.45	11.54	12.00
Parking lot attendants .....	6.15	6.88	8.30	9.10	20.00
Service station attendants .....	6.50	7.00	8.00	11.00	17.80
Industrial truck and tractor operators .....	8.00	9.63	11.00	12.64	15.50
Laborers and material movers, hand .....	6.50	7.16	8.21	10.00	13.00
Cleaners of vehicles and equipment .....	6.40	7.00	7.50	8.59	10.00
Laborers and freight, stock, and material movers, hand .....	6.75	7.50	8.90	11.00	13.70
Machine feeders and offbearers .....	7.10	8.10	8.83	11.75	13.44
Packers and packagers, hand .....	6.10	6.80	7.50	8.70	10.25
Refuse and recyclable material collectors .....	7.50	7.83	8.58	9.83	14.30

<sup>1</sup> Percentiles designate position in the earnings distribution and are calculated from individual worker earnings and the hours they are scheduled to work. See appendix A for more information.

<sup>2</sup> A classification system including about 800 individual occupations is used to cover all workers in the civilian economy. See appendix B for more information.

NOTE: Dashes indicate that data did not meet publication criteria. Overall occupational groups may include data for categories not shown separately.

SOURCE: Bureau of Labor Statistics, National Compensation Survey.

Table 18

Private industry workers: Hourly wage percentiles<sup>1</sup>

Occupation <sup>2</sup>	Wages fall at or below the following percentiles				
	10	25	50	75	90
<b>All workers</b> .....	\$7.85	\$10.13	\$15.00	\$23.25	\$34.79
<b>Management occupations</b> .....	19.75	26.27	36.55	51.39	67.08
Chief executives .....	28.85	55.34	75.48	96.15	168.22
General and operations managers .....	20.01	27.55	39.46	56.25	80.67
Advertising and promotions managers .....	18.27	22.83	27.25	39.71	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	20.41	32.83	53.75	73.54
Administrative services managers .....	18.65	22.66	29.33	35.10	45.80
Computer and information systems managers .....	31.39	41.48	50.97	63.61	72.99
Financial managers .....	20.62	26.44	36.20	51.65	70.67
Human resources managers .....	22.85	26.32	27.40	40.39	56.25
Compensation and benefits managers .....	22.85	28.17	38.08	44.14	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	27.85	33.00	47.86
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 .....	21.23	24.33	31.28	46.98	62.36
Engineering managers .....	36.00	44.19	54.58	63.35	70.12
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	28.12	35.01	46.17	56.76
Natural sciences managers .....	30.05	36.35	54.97	56.41	58.78
Property, real estate, and community association managers .....	14.36	19.71	23.98	29.44	38.46
Social and community service managers .....	16.83	19.11	23.08	31.25	34.05
<b>Business and financial operations occupations</b> .....	17.47	21.28	27.08	34.66	45.49
Buyers and purchasing agents .....	18.56	21.28	25.58	32.72	41.31
Purchasing agents and buyers, farm products .....	19.90	23.81	29.71	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 .....	16.76	19.50	24.04	31.25	39.32
Claims adjusters, examiners, and investigators .....	16.78	19.45	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	31.80	34.43
Cost estimators .....	18.28	21.50	28.85	40.00	46.31
Human resources, training, and labor relations specialists .....	17.81	20.12	25.75	31.80	38.09

See footnotes at end of table.

Table 18

Private industry workers: Hourly wage percentiles<sup>1</sup> — Continued

Occupation <sup>2</sup>	Wages fall at or below the following percentiles				
	10	25	50	75	90
<b>Business and financial operations occupations</b> –Continued					
Employment, recruitment, and placement specialists .....	\$16.97	\$18.88	\$23.75	\$36.06	\$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	25.95	34.48	44.88	53.69
Meeting and convention planners .....	16.83	19.23	23.54	25.64	27.39
Accountants and auditors .....	17.58	21.06	26.59	33.50	41.69
Appraisers and assessors of real estate .....	16.73	16.73	23.11	34.46	34.46
Budget analysts .....	23.75	27.04	27.74	39.00	48.16
Credit analysts .....	17.79	20.80	24.74	31.25	39.53
Financial analysts and advisors .....	18.99	23.25	29.81	38.93	55.66
Financial analysts .....	21.83	25.75	31.37	40.87	61.21
Personal financial advisors .....	14.42	18.50	22.54	34.62	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	17.00	25.00	37.34	77.48
Loan counselors .....	11.30	14.65	14.65	23.89	62.36
Loan officers .....	14.89	17.46	25.32	37.62	77.48
Tax examiners, collectors, preparers, and revenue agents .....	9.90	10.00	14.58	28.50	34.23
Tax preparers .....	9.90	9.90	10.00	22.44	28.50
<b>Computer and mathematical science occupations</b> .....					
Computer and information scientists, research .....	20.00	26.40	35.28	43.71	52.29
Computer programmers .....	25.61	34.86	46.59	56.19	63.05
Computer software engineers .....	22.00	26.01	33.28	39.12	48.08
Computer software engineers, applications .....	27.86	34.77	42.25	48.81	57.12
Computer software engineers, systems software .....	27.64	33.71	42.00	48.08	55.53
Computer support specialists .....	30.29	35.98	42.42	49.13	58.44
Computer systems analysts .....	14.02	17.45	22.11	30.67	41.59
Database administrators .....	25.96	31.30	38.00	44.90	53.61
Network and computer systems administrators .....	20.35	22.76	32.66	40.87	49.73
Network systems and data communications analysts .....	20.14	23.96	29.87	37.68	43.87
Actuaries .....	21.64	24.07	31.25	39.74	48.44
Operations research analysts .....	25.91	32.46	39.46	49.10	56.51
Statisticians .....	21.40	25.30	32.22	43.27	47.45
Miscellaneous mathematical scientists .....	18.03	22.19	37.10	48.08	50.48
13.86	15.15	15.91	20.00	22.92	
<b>Architecture and engineering occupations</b> .....					
Architects, except naval .....	18.17	24.00	31.71	41.10	50.10
Architects, except landscape and naval .....	20.19	24.03	28.85	38.85	45.12
Surveyors, cartographers, and photogrammetrists .....	20.19	23.56	28.85	40.11	45.12
Surveyors .....	16.00	18.75	27.23	35.51	50.19
Engineers .....	16.72	21.64	28.85	40.00	50.19
Aerospace engineers .....	25.80	30.91	37.74	45.89	54.40
Chemical engineers .....	30.79	37.98	48.50	54.04	63.94
Civil engineers .....	26.76	31.28	33.98	50.48	55.75

See footnotes at end of table.

Table 18

Private industry workers: Hourly wage percentiles<sup>1</sup> — Continued

Occupation <sup>2</sup>	Wages fall at or below the following percentiles				
	10	25	50	75	90
<b>Architecture and engineering occupations –Continued</b>					
Civil engineers .....	\$22.50	\$26.44	\$33.89	\$42.10	\$48.56
Computer hardware engineers .....	26.44	32.24	43.83	50.33	62.41
Electrical and electronics engineers .....	25.71	31.85	37.64	45.33	53.97
Electrical engineers .....	23.80	31.75	37.20	44.47	52.89
Electronics engineers, except computer .....	27.63	32.12	38.26	45.51	54.62
Environmental engineers .....	29.33	33.80	40.81	49.38	65.00
Industrial engineers, including health and safety .....	25.80	29.32	34.62	40.95	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	28.98	34.13	40.10	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 .....	24.93	28.54	33.65	39.74	46.27
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	18.00	22.01	28.57	32.84
Architectural and civil drafters .....	14.42	18.75	23.76	28.57	32.53
Electrical and electronics drafters .....	12.75	16.81	22.34	25.74	30.23
Mechanical drafters .....	15.76	18.88	21.79	27.53	33.00
Engineering technicians, except drafters .....	14.59	18.67	23.52	28.18	33.76
Aerospace engineering and operations technicians .....	20.00	23.97	26.09	29.57	33.58
Civil engineering technicians .....	10.15	12.85	14.95	23.90	30.10
Electrical and electronic engineering technicians .....	14.59	17.66	23.91	28.11	31.05
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 .....	12.00	13.00	17.50	24.76	36.06
<b>Life, physical, and social science occupations</b> .....	16.19	20.63	27.20	38.11	49.68
Life scientists .....	17.79	21.50	31.51	41.57	55.29
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 .....	17.65	20.51	33.23	40.11	51.87
Biochemists and biophysicists .....	17.65	21.59	37.76	41.07	55.29
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	27.56	42.69	55.85
Physical scientists .....	20.82	26.51	33.22	42.37	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	29.26	38.86	54.33
Chemists .....	20.82	23.33	28.09	36.70	48.70
Materials scientists .....	26.92	30.33	40.10	49.87	58.89

See footnotes at end of table.

Table 18

Private industry workers: Hourly wage percentiles<sup>1</sup> — Continued

Occupation <sup>2</sup>	Wages fall at or below the following percentiles				
	10	25	50	75	90
<b>Life, physical, and social science occupations</b> –Continued					
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
Economists .....	21.44	22.22	26.67	40.93	96.15
Market and survey researchers .....	17.79	22.50	28.85	41.75	51.78
Market research analysts .....	20.41	23.87	29.20	43.56	51.78
Psychologists .....	17.39	17.39	24.50	39.71	55.10
Clinical, counseling, and school psychologists .....	17.39	17.39	24.50	39.71	58.97
Miscellaneous social scientists and related workers .....	21.19	23.18	31.93	47.46	57.44
Agricultural and food science technicians .....	9.00	11.00	16.47	20.70	26.50
Biological technicians .....	12.06	15.33	18.56	22.82	27.30
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	24.35
Miscellaneous life, physical, and social science technicians .....	14.42	16.01	20.84	29.29	30.59
Environmental science and protection technicians, including health .....	15.75	21.00	30.59	30.59	30.59
<b>Community and social services occupations</b> .....					
Counselors .....	10.60	13.13	16.29	20.70	26.87
Substance abuse and behavioral disorder counselors .....	10.92	13.40	16.93	20.64	27.20
Educational, vocational, and school counselors .....	12.50	13.71	16.93	19.77	20.77
Marriage and family therapists .....	12.00	14.42	17.95	22.94	34.88
Mental health counselors .....	13.22	17.55	28.21	28.21	32.33
Rehabilitation counselors .....	11.13	15.74	18.60	23.48	28.72
Social workers .....	10.20	10.92	13.98	17.16	17.94
Child, family, and school social workers .....	13.00	14.94	17.97	23.25	28.50
Medical and public health social workers .....	12.95	14.39	16.58	19.78	24.24
Mental health and substance abuse social workers .....	14.94	17.74	23.00	27.55	32.05
Miscellaneous community and social service specialists .....	13.50	14.42	16.94	21.17	27.00
Health educators .....	9.05	11.00	13.93	16.50	21.64
Social and human service assistants .....	21.97	23.95	40.51	41.00	41.22
Clergy .....	8.95	10.25	12.69	15.33	17.07
<b>Legal occupations</b> .....					
Lawyers .....	16.00	19.23	30.26	52.45	78.13
Paralegals and legal assistants .....	27.18	34.81	52.45	75.00	95.60
Miscellaneous legal support workers .....	15.00	17.00	19.63	28.30	34.45
Law clerks .....	13.69	16.62	20.75	26.25	32.81
Title examiners, abstractors, and searchers .....	10.00	13.50	16.75	38.25	66.77
<b>Education, training, and library occupations</b> .....					
Postsecondary teachers .....	13.00	16.62	22.13	26.25	32.77
Business teachers, postsecondary .....	9.00	10.86	19.23	31.73	45.64
Postsecondary teachers .....	22.50	28.77	38.32	52.20	79.28
Business teachers, postsecondary .....	21.00	25.75	33.72	61.70	85.59

See footnotes at end of table.

Table 18

Private industry workers: Hourly wage percentiles<sup>1</sup> — Continued

Occupation <sup>2</sup>	Wages fall at or below the following percentiles				
	10	25	50	75	90
<b>Education, training, and library occupations</b> —Continued					
Math and computer teachers, postsecondary .....	\$21.30	\$32.44	\$34.11	\$46.92	\$62.37
Computer science teachers, postsecondary .....	17.27	20.60	28.77	41.24	57.95
Mathematical science teachers, postsecondary .....	32.62	32.62	37.35	47.68	68.42
Engineering and architecture teachers, postsecondary .....	38.45	54.70	80.00	87.91	97.32
Engineering teachers, postsecondary .....	38.45	53.20	80.00	88.01	97.32
Life sciences teachers, postsecondary .....	29.13	39.09	46.19	52.71	99.25
Biological science teachers, postsecondary .....	29.13	38.97	46.19	52.71	100.15
Physical sciences teachers, postsecondary .....	35.26	44.19	51.88	69.87	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 .....	30.00	32.45	40.55	53.72	69.54
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	53.97
Psychology teachers, postsecondary .....	30.00	30.64	40.64	53.72	74.42
Sociology teachers, postsecondary .....	30.77	37.06	39.47	53.02	91.80
Health teachers, postsecondary .....	26.86	31.24	51.15	79.77	108.81
Health specialties teachers, postsecondary .....	26.30	46.15	69.16	93.88	130.04
Nursing instructors and teachers, postsecondary .....	27.73	28.84	32.01	36.69	39.56
Education and library science teachers, postsecondary .....	27.26	32.17	39.48	39.79	54.95
Education teachers, postsecondary .....	27.26	32.17	39.48	39.79	54.95
Law, criminal justice, and social work teachers, postsecondary .....	29.08	31.35	58.38	85.26	99.05
Law teachers, postsecondary .....	52.03	58.38	74.38	88.46	114.91
Arts, communications, and humanities teachers, postsecondary .....	25.02	29.69	39.38	46.43	58.12
Art, drama, and music teachers, postsecondary .....	24.24	30.59	40.43	40.51	50.79
Communications teachers, postsecondary .....	20.55	20.55	22.54	51.96	72.40
English language and literature teachers, postsecondary ....	22.78	30.49	37.58	46.24	69.75
Foreign language and literature teachers, postsecondary ....	29.69	36.86	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 .....	18.27	23.80	30.00	38.46	57.69
Recreation and fitness studies teachers, postsecondary .....	6.25	20.00	26.97	30.10	32.26
Vocational education teachers, postsecondary .....	16.41	22.60	23.91	30.36	32.27
Primary, secondary, and special education school teachers .....	9.50	12.71	17.96	27.49	35.52
Preschool and kindergarten teachers .....	8.50	10.10	12.84	15.63	22.50
Preschool teachers, except special education .....	8.45	10.00	12.76	15.50	22.50
Kindergarten teachers, except special education .....	12.68	12.68	14.99	19.84	22.81
Elementary and middle school teachers .....	15.30	18.76	23.85	30.47	35.57
Elementary school teachers, except special education .....	15.30	18.62	23.61	29.79	35.31
Middle school teachers, except special and vocational education .....	12.04	19.37	26.48	31.97	40.68
Secondary school teachers .....	17.31	23.56	31.48	39.02	51.70
Secondary school teachers, except special and vocational education .....	19.53	23.93	31.90	39.56	51.91

See footnotes at end of table.

Table 18

Private industry workers: Hourly wage percentiles<sup>1</sup> — Continued

Occupation <sup>2</sup>	Wages fall at or below the following percentiles				
	10	25	50	75	90
<b>Education, training, and library occupations –Continued</b>					
Special education teachers .....	\$17.51	\$20.12	\$25.44	\$31.83	\$51.61
Special education teachers, preschool, kindergarten, and elementary school .....	17.55	20.21	25.44	27.14	34.13
Special education teachers, secondary school .....	9.94	22.14	37.46	51.61	51.70
Other teachers and instructors .....	9.40	13.93	20.00	27.44	39.07
Self-enrichment education teachers .....	12.00	17.91	19.23	20.00	23.54
Archivists, curators, and museum technicians .....	14.28	22.50	25.42	29.43	38.51
Librarians .....	18.99	21.62	27.79	38.55	51.65
Library technicians .....	12.99	14.90	15.86	23.35	26.29
Instructional coordinators .....	16.06	18.89	26.00	31.13	37.50
Teacher assistants .....	8.00	8.99	9.55	11.00	12.56
<b>Arts, design, entertainment, sports, and media occupations .....</b>					
Artists and related workers .....	10.27	15.32	21.09	30.33	43.27
Art directors .....	14.42	18.27	21.79	30.05	47.03
Multi-media artists and animators .....	16.34	21.79	27.35	34.48	47.07
Designers .....	14.58	19.50	21.56	26.63	45.08
Commercial and industrial designers .....	10.00	14.79	20.00	26.92	37.98
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 .....	8.00	8.75	10.00	12.00	14.75
Interior designers .....	13.46	16.25	19.23	24.91	30.64
Merchandise displayers and window trimmers .....	15.32	18.38	23.50	28.00	37.45
Set and exhibit designers .....	8.50	10.00	13.06	18.50	23.95
Actors, producers, and directors .....	14.42	16.68	19.26	49.91	65.00
Producers and directors .....	10.00	17.43	25.66	46.15	66.50
Athletes, coaches, umpires, and related workers .....	12.88	17.43	25.66	48.08	67.32
Coaches and scouts .....	10.16	12.46	19.39	31.61	43.27
Umpires, referees, and other sports officials .....	10.35	11.86	19.39	29.92	33.05
Dancers and choreographers .....	5.15	8.00	26.67	26.67	26.67
Dancers .....	7.00	10.78	17.22	25.00	29.34
Choreographers .....	7.00	7.00	12.41	29.34	29.34
Musicians, singers, and related workers .....	10.78	13.33	17.22	19.23	25.00
Music directors and composers .....	20.32	21.36	31.86	41.33	54.15
Musicians and singers .....	20.32	20.32	20.90	30.77	41.33
Announcers .....	28.34	30.02	32.23	48.78	56.50
Radio and television announcers .....	8.00	10.37	15.00	29.81	93.75
News analysts, reporters and correspondents .....	8.00	10.00	16.11	40.10	93.75
Reporters and correspondents .....	10.80	13.56	21.69	35.35	70.61
Public relations specialists .....	10.80	13.46	21.44	32.94	62.57
Writers and editors .....	18.79	20.32	25.26	31.14	39.40
Editors .....	14.76	19.01	25.48	33.58	45.63
Technical writers .....	14.46	19.01	22.35	30.74	42.02
Writers and authors .....	16.26	23.93	30.33	40.58	49.25
Miscellaneous media and communication workers .....	12.34	17.50	17.54	37.55	102.56
	9.00	17.31	21.29	27.24	30.00

See footnotes at end of table.

Table 18

Private industry workers: Hourly wage percentiles<sup>1</sup> — Continued

Occupation <sup>2</sup>	Wages fall at or below the following percentiles				
	10	25	50	75	90
<b>Arts, design, entertainment, sports, and media occupations</b>					
–Continued					
Interpreters and translators .....	\$8.55	\$17.31	\$21.29	\$30.00	\$30.00
Broadcast and sound engineering technicians and radio operators .....	9.00	15.27	21.02	31.15	38.07
Audio and video equipment technicians .....	9.64	12.65	17.70	26.71	38.20
Broadcast technicians .....	8.37	13.13	16.95	31.15	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 .....	12.49	14.92	20.08	26.67	34.38
Camera operators, television, video, and motion picture .....	11.45	14.31	14.94	26.67	47.04
<b>Healthcare practitioner and technical occupations</b>					
Dentists .....	14.51	18.95	25.72	33.70	47.01
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 .....	18.00	21.64	22.47	28.00	32.93
Optometrists .....	43.21	43.21	53.01	64.42	64.42
Pharmacists .....	38.00	45.93	49.50	51.75	54.30
Physicians and surgeons .....	23.59	31.73	75.18	102.28	162.80
Anesthesiologists .....	24.24	69.93	85.53	95.35	115.39
Family and general practitioners .....	47.91	66.88	80.54	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
Psychiatrists .....	62.50	76.92	83.15	83.15	83.15
Surgeons .....	30.65	60.77	64.35	147.31	147.31
Physician assistants .....	25.67	33.31	38.14	45.00	52.89
Registered nurses .....	21.72	24.97	29.17	35.00	41.56
Therapists .....	18.94	23.32	28.44	33.76	39.62
Audiologists .....	19.68	21.66	23.93	24.36	30.00
Occupational therapists .....	23.55	26.37	30.11	35.46	47.78
Physical therapists .....	25.50	29.78	32.95	37.29	43.95
Radiation therapists .....	26.12	26.64	35.54	39.35	39.81
Recreational therapists .....	14.50	14.77	17.00	23.32	24.14
Respiratory therapists .....	19.23	21.27	23.09	26.30	28.94
Speech-language pathologists .....	24.03	24.03	29.31	34.00	41.00
Veterinarians .....	36.06	36.06	48.49	49.54	77.51
Clinical laboratory technologists and technicians .....	12.25	15.10	18.34	23.54	27.63
Medical and clinical laboratory technologists .....	15.94	19.24	23.51	27.50	31.25
Medical and clinical laboratory technicians .....	11.39	14.19	16.50	19.49	23.39
Dental hygienists .....	22.00	28.09	33.00	37.00	43.00
Diagnostic related technologists and technicians .....	14.10	20.23	26.00	31.45	37.56
Cardiovascular technologists and technicians .....	11.58	13.50	22.15	32.91	39.59
Diagnostic medical sonographers .....	23.55	26.81	32.14	37.56	42.86
Nuclear medicine technologists .....	26.76	30.05	35.00	37.85	42.04
Radiologic technologists and technicians .....	16.38	20.47	25.91	30.25	34.67

See footnotes at end of table.

Table 18

Private industry workers: Hourly wage percentiles<sup>1</sup> — Continued

Occupation <sup>2</sup>	Wages fall at or below the following percentiles				
	10	25	50	75	90
<b>Healthcare practitioner and technical occupations</b> –Continued					
Emergency medical technicians and paramedics .....	\$9.47	\$10.58	\$13.76	\$18.70	\$24.00
Health diagnosing and treating practitioner support technicians	10.49	12.83	15.41	18.83	22.00
Dietetic technicians .....	7.63	7.63	8.33	13.59	17.33
Pharmacy technicians .....	10.00	11.77	13.84	15.50	17.54
Psychiatric technicians .....	7.85	10.19	12.26	16.02	16.34
Respiratory therapy technicians .....	17.26	18.92	22.00	25.77	29.00
Surgical technologists .....	14.51	16.37	18.83	20.83	23.10
Veterinary technologists and technicians .....	8.39	13.50	16.00	16.50	21.72
Licensed practical and licensed vocational nurses .....	14.51	16.35	18.28	20.95	24.02
Medical records and health information technicians .....	10.03	12.10	14.79	17.81	22.09
Miscellaneous health technologists and technicians .....	12.43	13.68	16.35	20.36	26.91
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
Miscellaneous healthcare practitioner and technical workers .....	19.12	19.26	24.45	36.20	36.20
Athletic trainers .....	8.49	19.26	21.29	21.29	38.32
<b>Healthcare support occupations</b> .....					
Nursing, psychiatric, and home health aides .....	8.08	9.52	11.25	14.00	17.11
Nursing, psychiatric, and home health aides .....	7.75	9.00	10.31	12.01	14.35
Home health aides .....	6.19	7.35	9.51	10.42	11.60
Nursing aides, orderlies, and attendants .....	8.50	9.44	10.80	12.60	15.04
Psychiatric aides .....	8.00	8.84	10.00	11.00	13.52
Occupational therapist assistants and aides .....	9.38	9.88	13.09	17.95	21.81
Occupational therapist assistants .....	8.59	12.19	17.51	21.81	23.92
Occupational therapist aides .....	9.38	9.67	11.77	14.18	15.90
Physical therapist assistants and aides .....	9.36	10.00	14.74	22.37	31.00
Physical therapist assistants .....	9.85	17.18	20.83	30.00	32.40
Physical therapist aides .....	8.50	9.50	10.89	12.73	15.30
Massage therapists .....	8.94	13.62	20.00	21.03	37.56
Miscellaneous healthcare support occupations .....	9.06	11.00	13.39	16.20	19.50
Dental assistants .....	12.26	14.44	16.00	19.00	21.12
Medical assistants .....	9.20	10.97	13.00	15.53	18.43
Medical equipment preparers .....	9.77	11.55	13.25	16.27	18.66
Medical transcriptionists .....	10.75	12.90	14.54	17.28	21.00
Pharmacy aides .....	7.30	8.75	10.50	12.00	16.20
Veterinary assistants and laboratory animal caretakers .....	8.50	10.00	11.70	12.30	15.05
<b>Protective service occupations</b> .....					
Fire fighters .....	7.56	9.00	10.25	12.59	15.87
Fire fighters .....	9.73	13.50	22.80	23.35	28.95
Police officers .....	14.42	16.67	20.06	22.11	23.30
Police and sheriff's patrol officers .....	14.42	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 .....	6.89	7.60	8.73	10.75	12.86
Lifeguards, ski patrol, and other recreational protective service workers .....	6.85	7.50	8.00	9.48	10.75

See footnotes at end of table.

Table 18

Private industry workers: Hourly wage percentiles<sup>1</sup> — Continued

Occupation <sup>2</sup>	Wages fall at or below the following percentiles				
	10	25	50	75	90
<b>Food preparation and serving related occupations</b> .....	\$3.65	\$6.25	\$7.63	\$9.50	\$12.50
First-line supervisors/managers, food preparation and serving workers .....	9.21	11.22	13.99	18.43	21.04
Chefs and head cooks .....	10.00	11.11	16.28	20.19	26.30
First-line supervisors/managers of food preparation and serving workers .....	9.00	11.22	13.75	17.91	20.67
Cooks .....	7.00	8.00	9.50	11.50	13.75
Cooks, fast food .....	6.35	7.00	7.50	8.25	9.45
Cooks, institution and cafeteria .....	7.87	9.19	10.88	13.00	15.43
Cooks, restaurant .....	7.50	8.50	10.00	12.00	13.89
Cooks, short order .....	7.00	7.35	8.58	11.00	12.93
Food preparation workers .....	6.69	7.30	8.50	10.07	12.01
Food service, tipped .....	2.22	3.25	5.37	7.50	8.58
Bartenders .....	4.00	5.15	7.00	8.50	10.31
Waiters and waitresses .....	2.13	2.75	4.18	6.45	7.80
Dining room and cafeteria attendants and bartender helpers ..	4.00	5.71	7.16	8.00	9.25
Fast food and counter workers .....	6.01	6.67	7.50	8.50	10.12
Combined food preparation and serving workers, including fast food .....	6.00	6.53	7.50	8.50	10.05
Counter attendants, cafeteria, food concession, and coffee shop .....	6.41	7.00	7.75	9.00	10.90
Food servers, nonrestaurant .....	3.90	6.89	8.00	9.61	12.63
Dishwashers .....	6.73	7.15	8.00	8.76	10.38
Hosts and hostesses, restaurant, lounge, and coffee shop .....	5.15	6.62	7.58	9.00	10.75
<b>Building and grounds cleaning and maintenance occupations</b> .....	7.15	8.00	9.99	13.20	18.00
First-line supervisors/managers, building and grounds cleaning and maintenance workers .....	10.96	13.11	18.86	21.86	26.13
First-line supervisors/managers of housekeeping and janitorial workers .....	10.00	12.46	17.31	19.69	22.74
First-line supervisors/managers of landscaping, lawn service, and groundskeeping workers .....	13.50	17.31	26.13	26.13	26.13
Building cleaning workers .....	7.00	8.00	9.39	12.00	15.93
Janitors and cleaners, except maids and housekeeping cleaners .....	7.00	8.01	10.00	12.46	16.60
Maids and housekeeping cleaners .....	7.00	7.50	8.35	10.00	12.50
Pest control workers .....	12.00	14.00	15.75	18.08	20.46
Grounds maintenance workers .....	7.70	8.50	10.00	13.25	16.92
Landscaping and groundskeeping workers .....	7.65	8.50	9.75	12.81	16.25
Tree trimmers and pruners .....	12.00	14.15	16.00	20.00	24.04
<b>Personal care and service occupations</b> .....	6.00	6.85	8.94	11.55	16.44
First-line supervisors/managers of gaming workers .....	10.61	10.93	13.15	16.83	21.25
Gaming supervisors .....	10.61	14.00	15.89	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 .....	10.40	12.37	14.65	16.52	20.85

See footnotes at end of table.

Table 18

Private industry workers: Hourly wage percentiles<sup>1</sup> — Continued

Occupation <sup>2</sup>	Wages fall at or below the following percentiles				
	10	25	50	75	90
<b>Personal care and service occupations</b> –Continued					
Nonfarm animal caretakers .....	\$6.50	\$7.69	\$9.35	\$10.00	\$11.22
Gaming services workers .....	5.30	5.70	6.49	6.67	7.50
Gaming dealers .....	5.30	5.65	6.31	6.67	7.34
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	7.50	10.14	13.17	18.44
Miscellaneous entertainment attendants and related workers .....	6.25	7.00	7.81	9.74	12.44
Amusement and recreation attendants .....	6.00	6.93	7.50	8.51	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
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 .....	7.15	8.63	10.74	14.17	15.88
Tour guides and escorts .....	7.15	8.57	10.00	14.17	15.88
Transportation attendants .....	13.99	27.76	37.54	41.77	48.20
Flight attendants .....	25.93	30.73	37.59	42.52	48.20
Transportation attendants, except flight attendants and baggage porters .....	5.15	9.10	11.13	14.97	19.54
Child care workers .....	6.50	7.00	8.27	10.00	11.89
Personal and home care aides .....	6.05	7.35	9.50	10.74	11.54
Recreation and fitness workers .....	7.00	8.50	10.52	14.89	20.00
Fitness trainers and aerobics instructors .....	8.50	10.00	14.00	19.00	25.00
Recreation workers .....	6.62	8.00	10.00	12.31	18.27
Residential advisors .....	5.63	5.63	9.40	11.36	13.35
<b>Sales and related occupations</b> .....	7.25	8.50	11.63	18.85	31.94
First-line supervisors/managers, sales workers .....	10.36	12.98	16.82	22.28	33.92
First-line supervisors/managers of retail sales workers .....	10.35	12.50	16.11	19.71	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	7.77	9.27	12.28	17.43
Cashiers, all workers .....	6.73	7.50	8.42	10.20	12.81
Cashiers .....	6.67	7.40	8.30	10.00	12.25
Gaming change persons and booth cashiers .....	8.97	11.00	13.00	13.24	14.00
Counter and rental clerks and parts salespersons .....	7.23	8.25	10.93	15.82	21.33
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
Insurance sales agents .....	12.50	16.25	20.72	31.94	44.06
Securities, commodities, and financial services sales agents .....	15.39	20.95	36.75	68.16	116.33

See footnotes at end of table.

Table 18

Private industry workers: Hourly wage percentiles<sup>1</sup> — Continued

Occupation <sup>2</sup>	Wages fall at or below the following percentiles				
	10	25	50	75	90
<b>Sales and related occupations –Continued</b>					
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	29.90	45.75
Real estate brokers .....	11.21	13.05	13.05	31.51	42.05
Real estate sales agents .....	10.68	13.00	19.85	27.89	45.75
Sales engineers .....	21.34	25.06	31.20	41.76	52.70
Telemarketers .....	7.00	8.01	10.14	12.84	16.56
Miscellaneous sales and related workers .....	7.80	9.50	12.05	19.20	30.22
Door-to-door sales workers, news and street vendors, and related workers .....	9.37	10.04	10.92	20.49	23.42
<b>Office and administrative support occupations .....</b>	<b>9.32</b>	<b>11.10</b>	<b>14.10</b>	<b>17.83</b>	<b>22.42</b>
First-line supervisors/managers of office and administrative support workers .....	14.45	17.35	21.16	26.67	31.11
Switchboard operators, including answering service .....	8.25	9.62	10.95	13.19	16.83
Telephone operators .....	9.00	10.00	12.00	18.48	21.15
Financial clerks .....	9.71	11.08	13.93	16.83	20.20
Bill and account collectors .....	8.50	11.54	14.25	17.31	21.75
Billing and posting clerks and machine operators .....	10.45	11.89	14.00	16.25	19.00
Bookkeeping, accounting, and auditing clerks .....	10.42	12.20	14.81	18.00	21.00
Gaming cage workers .....	9.00	10.14	10.81	10.81	11.41
Payroll and timekeeping clerks .....	12.00	14.50	16.62	20.46	22.74
Procurement clerks .....	10.50	14.00	16.73	19.50	21.88
Tellers .....	9.00	9.92	11.02	12.67	14.84
Brokerage clerks .....	12.25	15.07	17.79	20.44	24.72
Correspondence clerks .....	10.61	13.47	15.41	18.09	20.68
Credit authorizers, checkers, and clerks .....	11.06	12.50	13.96	16.85	20.25
Customer service representatives .....	9.40	11.67	14.58	18.14	23.13
Eligibility interviewers, government programs .....	7.77	10.14	16.00	19.22	21.50
File clerks .....	8.30	10.00	11.12	14.70	15.75
Hotel, motel, and resort desk clerks .....	7.25	8.25	9.46	10.50	12.00
Interviewers, except eligibility and loan .....	8.18	10.00	11.85	15.05	17.55
Library assistants, clerical .....	8.80	9.73	13.79	15.90	18.27
Loan interviewers and clerks .....	11.13	13.00	15.00	17.51	20.91
New accounts clerks .....	10.30	11.29	13.75	15.84	18.46
Order clerks .....	9.50	11.00	13.50	17.41	20.94
Human resources assistants, except payroll and timekeeping .....	12.22	14.42	17.03	19.08	22.78
Receptionists and information clerks .....	8.50	10.00	12.00	14.37	17.09
Reservation and transportation ticket agents and travel clerks .....	8.50	9.61	13.83	17.82	20.84

See footnotes at end of table.

Table 18

Private industry workers: Hourly wage percentiles<sup>1</sup> — Continued

Occupation <sup>2</sup>	Wages fall at or below the following percentiles				
	10	25	50	75	90
<b>Office and administrative support occupations –Continued</b>					
Cargo and freight agents .....	\$13.00	\$14.74	\$17.86	\$35.63	\$38.00
Couriers and messengers .....	8.00	9.50	10.67	12.31	13.75
Dispatchers .....	9.00	11.75	15.39	19.98	24.57
Police, fire, and ambulance dispatchers .....	9.00	10.00	12.63	17.31	20.25
Dispatchers, except police, fire, and ambulance .....	9.00	11.82	15.63	20.28	24.84
Meter readers, utilities .....	11.40	12.17	16.00	21.45	27.86
Production, planning, and expediting clerks .....	12.00	14.62	19.18	23.63	26.04
Shipping, receiving, and traffic clerks .....	8.50	10.05	12.25	15.25	19.03
Stock clerks and order fillers .....	7.50	8.85	11.05	13.77	16.79
Weighers, measurers, checkers, and samplers, recordkeeping ....	8.60	9.20	12.00	15.18	17.75
Secretaries and administrative assistants .....	11.49	14.24	17.32	21.56	26.65
Executive secretaries and administrative assistants .....	14.17	17.00	20.19	24.95	29.81
Legal secretaries .....	14.56	15.32	18.50	25.25	31.93
Medical secretaries .....	10.12	11.88	14.48	17.82	20.50
Secretaries, except legal, medical, and executive .....	10.53	13.17	15.75	18.73	22.47
Computer operators .....	11.78	13.75	16.48	19.58	21.99
Data entry and information processing workers .....	9.75	11.00	12.76	15.09	18.12
Data entry keyers .....	9.50	11.00	12.21	14.03	17.23
Word processors and typists .....	9.90	12.30	15.18	17.56	24.20
Desktop publishers .....	11.59	13.98	18.00	24.85	26.10
Insurance claims and policy processing clerks .....	10.66	12.50	15.25	18.00	21.55
Mail clerks and mail machine operators, except postal service ..	7.81	10.30	11.20	13.33	16.25
Office clerks, general .....	9.11	11.00	13.00	16.25	20.00
Office machine operators, except computer .....	9.25	10.04	12.39	14.39	16.64
Proofreaders and copy markers .....	8.52	10.35	12.15	14.86	16.91
Statistical assistants .....	12.19	14.67	17.21	22.23	25.89
<b>Farming, fishing, and forestry occupations</b> .....					
Graders and sorters, agricultural products .....	7.00	8.00	10.00	15.00	22.60
Miscellaneous agricultural workers .....	6.92	8.00	8.60	9.80	14.76
Farmworkers and laborers, crop, nursery, and greenhouse ....	7.00	7.50	9.50	12.00	15.00
Logging workers .....	7.00	7.50	9.63	13.58	16.50
Logging workers .....	10.50	12.88	14.70	23.15	23.15
<b>Construction and extraction occupations</b> .....					
First-line supervisors/managers of construction trades and extraction workers .....	10.50	13.29	18.00	25.26	32.97
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	26.73	30.00	39.85
Carpenters .....	18.20	21.58	26.73	31.11	39.85
Carpet, floor, and tile installers and finishers .....	13.25	16.00	19.42	24.50	32.00
Carpet installers .....	14.00	16.14	18.00	21.00	37.77
Tile and marble setters .....	17.07	17.56	20.00	37.77	37.90
Cement masons, concrete finishers, and terrazzo workers .....	14.00	15.00	16.45	20.00	24.94
Cement masons and concrete finishers .....	13.25	16.00	19.50	23.51	26.78
Cement masons and concrete finishers .....	13.25	16.00	19.25	23.51	26.78

See footnotes at end of table.

Table 18

Private industry workers: Hourly wage percentiles<sup>1</sup> — Continued

Occupation <sup>2</sup>	Wages fall at or below the following percentiles				
	10	25	50	75	90
<b>Construction and extraction occupations —Continued</b>					
Construction laborers .....	\$9.00	\$10.00	\$13.37	\$20.00	\$26.20
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	17.74	20.98	31.25
Tapers .....	14.00	16.25	18.61	22.88	25.00
Electricians .....	12.50	15.53	20.75	31.30	37.30
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 .....	10.00	12.00	13.50	17.00	23.00
Painters, construction and maintenance .....	10.00	12.00	13.50	17.00	22.00
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	23.75	28.50
Sheet metal workers .....	11.25	14.00	17.17	24.10	35.73
Structural iron and steel workers .....	15.95	20.35	26.75	30.51	53.92
Helpers, construction trades .....	9.00	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	12.00	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 .....	16.11	20.62	25.96	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

See footnotes at end of table.

Table 18

Private industry workers: Hourly wage percentiles<sup>1</sup> — Continued

Occupation <sup>2</sup>	Wages fall at or below the following percentiles				
	10	25	50	75	90
<b>Installation, maintenance, and repair occupations</b> .....	\$11.00	\$14.50	\$19.00	\$25.20	\$30.18
First-line supervisors/managers of mechanics, installers, and repairers .....	15.26	19.05	25.00	31.76	39.88
Computer, automated teller, and office machine repairers .....	7.50	13.55	17.10	20.88	24.71
Radio and telecommunications equipment installers and repairers .....	17.49	25.10	28.56	30.77	32.98
Telecommunications equipment installers and repairers, except line installers .....	17.49	25.10	28.56	30.77	32.98
Miscellaneous electrical and electronic equipment mechanics, installers, and repairers .....	11.31	13.43	17.36	24.50	28.78
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 .....	17.68	19.89	23.32	27.68	28.03
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 Electronic home entertainment equipment installers and repairers .....	12.00	12.01	17.00	17.00	23.48
Security and fire alarm systems installers .....	10.05	11.83	12.41	17.00	23.00
Aircraft mechanics and service technicians .....	13.00	16.90	18.00	22.37	25.70
Automotive technicians and repairers .....	18.10	22.40	26.95	29.92	40.20
Automotive body and related repairers .....	10.25	13.08	17.25	22.02	27.33
Automotive glass installers and repairers .....	11.50	13.25	16.00	19.00	24.67
Automotive service technicians and mechanics .....	12.52	13.50	17.43	20.45	21.50
Bus and truck mechanics and diesel engine specialists .....	10.00	13.00	17.83	22.58	27.74
Heavy vehicle and mobile equipment service technicians and mechanics .....	13.52	16.00	19.00	22.06	27.21
Farm equipment mechanics .....	13.05	15.85	18.73	21.79	25.95
Mobile heavy equipment mechanics, except engines .....	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 .....	10.75	13.50	16.00	18.50	21.00
Motorcycle mechanics .....	10.00	11.25	17.00	19.50	20.25
Outdoor power equipment and other small engine mechanics Miscellaneous vehicle and mobile equipment mechanic, installers, and repairers .....	11.00	14.00	14.72	17.49	27.50
Tire repairers and changers .....	13.00	14.72	16.00	18.01	21.00
Control and valve installers and repairers .....	7.50	8.71	9.80	11.50	13.50
Control and valve installers and repairers, except mechanical door .....	7.75	8.71	9.97	11.50	13.00
Heating, air conditioning, and refrigeration mechanics and installers .....	12.48	16.59	20.98	27.64	31.24
Home appliance repairers .....	16.59	18.50	21.71	27.97	32.13
	12.34	15.88	19.08	24.30	30.00
	10.84	14.54	18.37	22.82	27.21

See footnotes at end of table.

Table 18

Private industry workers: Hourly wage percentiles<sup>1</sup> — Continued

Occupation <sup>2</sup>	Wages fall at or below the following percentiles				
	10	25	50	75	90
<b>Installation, maintenance, and repair occupations</b> –Continued					
Industrial machinery installation, repair, and maintenance					
workers .....	\$12.00	\$15.25	\$18.75	\$23.28	\$29.01
Industrial machinery mechanics .....	15.45	18.32	21.46	26.85	31.47
Maintenance and repair workers, general .....	10.00	12.61	16.49	20.74	27.07
Maintenance workers, machinery .....	12.38	14.21	15.97	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 .....	16.16	22.49	27.69	29.71	31.89
Electrical power-line installers and repairers .....	17.37	24.57	28.04	31.68	37.15
Telecommunications line installers and repairers .....	15.50	22.00	27.65	29.63	30.18
Precision instrument and equipment repairers .....	11.75	15.10	20.77	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	11.00	14.00	18.00	23.49
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	11.50	23.00	23.00	26.50
Helpers--installation, maintenance, and repair workers .....	8.00	9.44	11.80	14.27	17.43
<b>Production occupations</b> .....	8.50	10.50	13.85	18.66	25.20
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 .....	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
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

See footnotes at end of table.

Table 18

Private industry workers: Hourly wage percentiles<sup>1</sup> — Continued

Occupation <sup>2</sup>	Wages fall at or below the following percentiles				
	10	25	50	75	90
<b>Production occupations</b> –Continued					
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	16.25	20.20	24.00	27.70
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 .....	11.00	12.93	16.01	19.50	24.26
Welders, cutters, solderers, and brazers .....	11.47	12.95	16.05	19.54	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	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

See footnotes at end of table.

Table 18

Private industry workers: Hourly wage percentiles<sup>1</sup> — Continued

Occupation <sup>2</sup>	Wages fall at or below the following percentiles				
	10	25	50	75	90
<b>Production occupations –Continued</b>					
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 .....	10.00	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 .....	9.73	12.00	16.00	19.86	23.64
Laundry and dry-cleaning workers .....	7.50	8.17	9.58	11.00	13.66
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	16.42	19.69
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	11.00	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	10.42	12.45	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	13.39	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 .....	14.74	20.16	26.44	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	25.33	27.58	29.88	31.79

See footnotes at end of table.

Table 18

Private industry workers: Hourly wage percentiles<sup>1</sup> — Continued

Occupation <sup>2</sup>	Wages fall at or below the following percentiles				
	10	25	50	75	90
<b>Production occupations</b> –Continued					
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	16.38	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	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	11.00	13.92	17.50	21.13
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	21.00	27.97
Painting, coating, and decorating workers .....	6.75	9.00	13.00	14.99	17.30
Photographic process workers and processing machine operators .....	7.28	8.95	10.40	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	14.10
Semiconductor processors .....	11.44	13.70	16.53	19.10	21.67
Miscellaneous production workers .....	8.00	9.15	11.43	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
<b>Transportation and material moving occupations</b> .....	7.74	9.50	12.83	17.10	22.47
First-line supervisors/managers of helpers, laborers, and material movers, hand .....	12.00	14.99	18.74	23.41	28.77
First-line supervisors/managers of transportation and material-moving machine and vehicle operators .....	15.00	18.75	22.96	27.24	31.64

See footnotes at end of table.

Table 18

Private industry workers: Hourly wage percentiles<sup>1</sup> — Continued

Occupation <sup>2</sup>	Wages fall at or below the following percentiles				
	10	25	50	75	90
<b>Transportation and material moving occupations –Continued</b>					
Aircraft pilots and flight engineers .....	\$28.73	\$34.40	\$96.75	\$144.02	\$161.15
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	12.54	16.01
Bus drivers .....	10.00	11.36	12.68	16.00	18.75
Bus drivers, transit and intercity .....	9.99	11.63	13.00	16.29	23.52
Bus drivers, school .....	10.00	10.28	12.58	15.00	18.00
Driver/sales workers and truck drivers .....	9.09	12.00	15.50	19.95	24.30
Driver/sales workers .....	6.25	7.50	12.60	19.08	23.13
Truck drivers, heavy and tractor-trailer .....	11.80	14.00	16.52	20.60	24.58
Truck drivers, light or delivery services .....	8.25	10.00	13.00	17.71	26.54
Taxi drivers and chauffeurs .....	7.15	8.20	9.50	12.00	14.00
Sailors and marine oilers .....	8.75	10.00	12.00	14.38	16.67
Ship and boat captains and operators .....	8.86	15.00	17.50	20.83	32.17
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	7.23	8.10	9.10	10.71
Service station attendants .....	7.00	7.80	9.00	12.89	15.66
Transportation inspectors .....	10.57	18.10	22.00	29.92	29.92
Conveyor operators and tenders .....	8.75	9.25	14.37	15.79	26.92
Crane and tower operators .....	13.00	15.35	18.76	22.84	29.31
Dredge, excavating, and loading machine operators .....	11.00	13.50	16.00	18.00	24.15
Excavating and loading machine and dragline operators .....	11.00	13.25	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	11.10	13.79	16.81	21.98
Laborers and material movers, hand .....	7.15	8.06	10.00	12.75	16.25
Cleaners of vehicles and equipment .....	7.15	8.00	9.00	11.17	13.56
Laborers and freight, stock, and material movers, hand .....	7.50	8.50	10.50	13.45	17.30
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	20.67	22.36	22.36	26.61
Refuse and recyclable material collectors .....	7.50	8.25	10.06	14.29	16.78
Tank car, truck, and ship loaders .....	13.50	15.50	19.63	24.52	27.85

<sup>1</sup> Percentiles designate position in the earnings distribution and are calculated from individual worker earnings and the hours they are scheduled to work. See appendix A for more information.

<sup>2</sup> A classification system including about 800 individual occupations is used to cover all workers in the civilian economy. See appendix B for more information.

NOTE: Dashes indicate that data did not meet publication criteria. Overall occupational groups may include data for categories not shown separately.

SOURCE: Bureau of Labor Statistics, National Compensation Survey.

Table 19

Full-time private industry workers: Hourly wage percentiles<sup>1</sup>

Occupation <sup>2</sup>	Wages fall at or below the following percentiles				
	10	25	50	75	90
<b>All workers</b> .....	\$8.70	\$11.25	\$16.15	\$24.76	\$36.50
<b>Management occupations</b> .....	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
<b>Business and financial operations occupations</b> .....	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 percentiles<sup>1</sup> — Continued**

Occupation <sup>2</sup>	Wages fall at or below the following percentiles				
	10	25	50	75	90
<b>Business and financial operations occupations –Continued</b>					
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
<b>Computer and mathematical science occupations</b>					
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
<b>Architecture and engineering occupations</b>					
Architects, except naval .....	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 percentiles<sup>1</sup> — Continued**

Occupation <sup>2</sup>	Wages fall at or below the following percentiles				
	10	25	50	75	90
<b>Architecture and engineering occupations –Continued</b>					
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
<b>Life, physical, and social science occupations</b> .....	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 percentiles<sup>1</sup> — Continued**

Occupation <sup>2</sup>	Wages fall at or below the following percentiles				
	10	25	50	75	90
<b>Life, physical, and social science occupations –Continued</b>					
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
<b>Community and social services occupations</b>					
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
<b>Legal occupations</b>					
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
<b>Education, training, and library occupations</b>					
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 percentiles<sup>1</sup> — Continued**

Occupation <sup>2</sup>	Wages fall at or below the following percentiles				
	10	25	50	75	90
<b>Education, training, and library occupations —Continued</b>					
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 percentiles<sup>1</sup> — Continued**

Occupation <sup>2</sup>	Wages fall at or below the following percentiles				
	10	25	50	75	90
<b>Education, training, and library occupations –Continued</b>					
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
<b>Arts, design, entertainment, sports, and media occupations .....</b>					
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 percentiles<sup>1</sup> — Continued**

Occupation <sup>2</sup>	Wages fall at or below the following percentiles				
	10	25	50	75	90
<b>Arts, design, entertainment, sports, and media occupations</b>					
–Continued					
Camera operators, television, video, and motion picture .....	\$11.45	\$14.31	\$14.92	\$26.67	\$47.04
<b>Healthcare practitioner and technical occupations</b> .....					
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	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 percentiles<sup>1</sup> — Continued**

Occupation <sup>2</sup>	Wages fall at or below the following percentiles				
	10	25	50	75	90
<b>Healthcare practitioner and technical occupations –Continued</b>					
Miscellaneous healthcare practitioner and technical workers .....	\$19.26	\$21.29	\$36.20	\$36.20	\$36.20
<b>Healthcare support occupations</b> .....					
Nursing, psychiatric, and home health aides .....	8.52	9.90	11.59	14.38	17.40
Home health aides .....	8.24	9.38	10.56	12.27	14.64
Nursing aides, orderlies, and attendants .....	7.29	9.00	9.90	11.17	12.00
Psychiatric aides .....	8.50	9.48	10.88	12.67	15.11
Occupational therapist assistants and aides .....	8.30	9.00	10.19	11.00	13.03
Occupational therapist assistants .....	9.36	9.67	13.09	18.29	23.92
Occupational therapist aides .....	8.59	11.88	18.29	21.81	23.92
Physical therapist assistants and aides .....	9.38	9.67	10.16	14.39	15.90
Physical therapist assistants .....	9.46	10.89	15.49	23.84	31.00
Physical therapist aides .....	14.74	17.26	22.37	31.00	32.40
Massage therapists .....	8.50	9.50	11.12	13.21	15.30
Miscellaneous healthcare support occupations .....	13.25	13.62	20.00	20.74	44.74
Dental assistants .....	9.79	11.46	13.50	16.39	19.80
Medical assistants .....	13.00	14.78	16.50	19.00	21.12
Medical equipment preparers .....	9.25	10.97	12.93	15.50	18.52
Medical transcriptionists .....	9.84	11.76	13.20	16.00	18.94
Pharmacy aides .....	10.67	12.70	14.37	17.00	20.00
Veterinary assistants and laboratory animal caretakers .....	8.70	10.27	11.35	12.00	16.78
Protective service occupations .....	10.00	11.70	11.70	13.45	15.81
Fire fighters .....	8.00	9.00	10.35	12.88	15.96
Police officers .....	10.16	14.00	22.80	23.35	28.95
Police and sheriff's patrol officers .....	13.11	16.67	20.06	22.11	23.30
Security guards and gaming surveillance officers .....	13.11	16.67	20.06	22.11	23.30
Security guards .....	7.56	9.00	10.00	12.00	14.81
Miscellaneous protective service workers .....	7.56	9.00	10.00	12.00	14.81
Lifeguards, ski patrol, and other recreational protective service workers .....	8.00	8.73	11.50	12.86	20.78
Food preparation and serving related occupations .....	7.35	8.73	8.73	11.00	11.38
First-line supervisors/managers, food preparation and serving workers .....	4.35	6.96	8.50	11.00	14.21
Chefs and head cooks .....	9.40	11.54	14.25	18.75	21.43
First-line supervisors/managers of food preparation and serving workers .....	10.50	12.25	16.82	20.19	26.30
Cooks .....	9.25	11.50	13.99	18.18	20.89
Cooks, fast food .....	7.25	8.40	10.00	12.00	14.21
Cooks, institution and cafeteria .....	6.50	7.25	8.00	9.00	10.50
Cooks, restaurant .....	8.00	9.27	11.00	13.31	15.49
Cooks, short order .....	7.50	9.00	10.50	12.11	14.25
Food preparation workers .....	7.00	7.50	9.00	11.18	13.11
Food service, tipped .....	6.90	7.58	9.00	10.94	13.46
	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 percentiles<sup>1</sup> — Continued**

Occupation <sup>2</sup>	Wages fall at or below the following percentiles				
	10	25	50	75	90
<b>Food preparation and serving related occupations –Continued</b>					
Bartenders .....	\$4.15	\$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
<b>Building and grounds cleaning and maintenance occupations</b>	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
<b>Personal care and service occupations</b>	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 percentiles<sup>1</sup> — Continued**

Occupation <sup>2</sup>	Wages fall at or below the following percentiles				
	10	25	50	75	90
<b>Personal care and service occupations –Continued</b>					
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
<b>Sales and related occupations .....</b>	<b>8.02</b>	<b>10.00</b>	<b>14.20</b>	<b>22.28</b>	<b>37.31</b>
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 percentiles<sup>1</sup> — Continued**

Occupation <sup>2</sup>	Wages fall at or below the following percentiles				
	10	25	50	75	90
<b>Sales and related occupations –Continued</b>					
Door-to-door sales workers, news and street vendors, and related workers .....	\$3.60	\$13.83	\$20.49	\$23.42	\$32.76
<b>Office and administrative support occupations .....</b>					
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 percentiles<sup>1</sup> — Continued**

Occupation <sup>2</sup>	Wages fall at or below the following percentiles				
	10	25	50	75	90
<b>Office and administrative support occupations –Continued</b>					
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
<b>Farming, fishing, and forestry occupations .....</b>					
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
<b>Construction and extraction occupations .....</b>					
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 percentiles<sup>1</sup> — Continued**

Occupation <sup>2</sup>	Wages fall at or below the following percentiles				
	10	25	50	75	90
<b>Construction and extraction occupations –Continued</b>					
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
<b>Installation, maintenance, and repair occupations .....</b>	<b>11.35</b>	<b>14.75</b>	<b>19.05</b>	<b>25.33</b>	<b>30.19</b>
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 percentiles<sup>1</sup> — Continued**

Occupation <sup>2</sup>	Wages fall at or below the following percentiles				
	10	25	50	75	90
<b>Installation, maintenance, and repair occupations –Continued</b>					
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 percentiles<sup>1</sup> — Continued**

Occupation <sup>2</sup>	Wages fall at or below the following percentiles				
	10	25	50	75	90
<b>Installation, maintenance, and repair occupations</b> –Continued					
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
<b>Production occupations</b> .....	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 percentiles<sup>1</sup> — Continued**

Occupation <sup>2</sup>	Wages fall at or below the following percentiles				
	10	25	50	75	90
<b>Production occupations –Continued</b>					
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 percentiles<sup>1</sup> — Continued**

Occupation <sup>2</sup>	Wages fall at or below the following percentiles				
	10	25	50	75	90
<b>Production occupations –Continued</b>					
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 percentiles<sup>1</sup> — Continued**

Occupation <sup>2</sup>	Wages fall at or below the following percentiles				
	10	25	50	75	90
<b>Production occupations –Continued</b>					
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
<b>Transportation and material moving occupations .....</b>	<b>8.25</b>	<b>10.11</b>	<b>13.50</b>	<b>18.00</b>	<b>22.92</b>
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 percentiles<sup>1</sup> — Continued**

Occupation <sup>2</sup>	Wages fall at or below the following percentiles				
	10	25	50	75	90
<b>Transportation and material moving occupations –Continued</b>					
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

<sup>1</sup> Percentiles designate position in the earnings distribution and are calculated from individual worker earnings and the hours they are scheduled to work. See appendix A for more information.

<sup>2</sup> A classification system including about 800 individual occupations is used to cover all workers in the civilian economy. See appendix B for more information.

NOTE: Dashes indicate that data did not meet publication criteria. Overall occupational groups may include data for categories not shown separately.

SOURCE: Bureau of Labor Statistics, National Compensation Survey.

Table 20

Part-time private industry workers: Hourly wage percentiles<sup>1</sup>

Occupation <sup>2</sup>	Wages fall at or below the following percentiles				
	10	25	50	75	90
<b>All workers</b> .....	\$6.09	\$7.17	\$8.50	\$11.50	\$18.33
<b>Management occupations</b> .....	16.29	20.35	30.44	33.00	52.07
Financial managers .....	15.02	32.49	52.07	57.11	75.00
Medical and health services managers .....	23.26	23.26	28.99	28.99	46.65
<b>Business and financial operations occupations</b> .....	10.00	19.90	24.00	33.01	37.73
Claims adjusters, appraisers, examiners, and investigators .....	16.88	17.49	17.90	31.44	32.01
Claims adjusters, examiners, and investigators .....	16.88	17.49	17.90	31.44	32.01
Human resources, training, and labor relations specialists .....	12.98	14.26	16.92	22.00	26.08
Training and development specialists .....	16.92	16.92	16.92	25.75	34.00
Accountants and auditors .....	14.58	21.00	25.21	33.50	36.19
<b>Computer and mathematical science occupations</b> .....	14.42	18.17	36.60	53.00	78.10
Computer programmers .....	13.00	22.00	36.20	38.37	53.00
Computer support specialists .....	9.00	9.00	16.00	17.95	18.00
Computer systems analysts .....	40.58	44.55	78.10	78.10	78.10
Network and computer systems administrators .....	17.58	17.58	21.49	23.03	26.55
<b>Architecture and engineering occupations</b> .....	11.00	17.00	28.04	40.00	49.00
Engineers .....	26.29	28.00	40.00	46.73	49.00
Drafters .....	8.00	10.00	15.00	31.63	42.00
Engineering technicians, except drafters .....	13.50	18.02	23.69	30.10	32.00
<b>Life, physical, and social science occupations</b> .....	12.00	15.00	18.65	28.00	39.71
Life scientists .....	14.31	18.00	18.63	28.00	54.37
Biological scientists .....	14.31	16.50	18.50	18.63	18.65
Psychologists .....	24.50	24.50	33.41	39.71	55.10
Clinical, counseling, and school psychologists .....	24.50	24.50	33.41	39.71	55.10
<b>Community and social services occupations</b> .....	8.80	10.50	15.13	23.23	28.00
Counselors .....	7.25	10.24	14.20	19.22	26.98
Substance abuse and behavioral disorder counselors .....	10.30	12.29	19.15	19.22	23.67
Educational, vocational, and school counselors .....	10.24	10.98	14.22	18.60	22.38
Mental health counselors .....	14.69	14.69	26.98	35.94	56.25
Rehabilitation counselors .....	9.45	11.00	12.00	18.56	18.56
Social workers .....	12.35	14.77	20.00	25.35	28.76
Child, family, and school social workers .....	12.50	18.50	18.50	20.00	25.00
Medical and public health social workers .....	12.35	12.35	23.55	26.49	32.74
Mental health and substance abuse social workers .....	13.50	14.61	19.56	26.53	27.47
Miscellaneous community and social service specialists .....	8.80	8.81	11.86	16.00	22.35
Health educators .....	24.84	24.84	36.46	40.51	40.51
Social and human service assistants .....	8.80	8.80	11.51	15.00	17.31
<b>Legal occupations</b> .....	12.47	16.06	21.52	49.49	66.67
Lawyers .....	39.74	46.15	52.89	66.67	66.67
Paralegals and legal assistants .....	12.47	12.47	19.00	22.98	28.50

See footnotes at end of table.

**Table 20 Part-time private industry workers: Hourly wage percentiles<sup>1</sup> — Continued**

Occupation <sup>2</sup>	Wages fall at or below the following percentiles				
	10	25	50	75	90
<b>Legal occupations –Continued</b>					
Miscellaneous legal support workers .....	\$10.96	\$16.06	\$19.23	\$20.14	\$38.25
<b>Education, training, and library occupations .....</b>					
Postsecondary teachers .....	7.96	9.00	11.50	19.42	27.32
Business teachers, postsecondary .....	14.50	18.29	27.87	31.50	40.00
Math and computer teachers, postsecondary .....	17.00	17.00	17.53	31.89	43.37
Computer science teachers, postsecondary .....	14.40	18.29	18.29	41.67	56.62
Mathematical science teachers, postsecondary .....	14.82	18.29	18.29	42.00	56.62
Social sciences teachers, postsecondary .....	14.40	14.40	24.23	30.40	56.25
Psychology teachers, postsecondary .....	17.81	17.90	30.00	51.59	72.92
Health teachers, postsecondary .....	17.81	17.81	20.00	30.00	34.45
Education and library science teachers, postsecondary .....	25.88	28.27	32.33	39.43	39.43
Education teachers, postsecondary .....	13.23	15.87	24.50	27.47	36.44
Law, criminal justice, and social work teachers, postsecondary .....	13.23	15.87	24.50	27.47	36.44
Arts, communications, and humanities teachers, postsecondary .....	21.49	21.49	30.40	71.25	71.25
Art, drama, and music teachers, postsecondary .....	14.73	16.04	21.21	31.50	40.00
English language and literature teachers, postsecondary .....	14.73	16.04	16.04	37.77	46.67
Miscellaneous postsecondary teachers .....	11.75	14.21	22.15	22.67	37.50
Vocational education teachers, postsecondary .....	12.00	24.00	30.00	30.36	34.55
Primary, secondary, and special education school teachers .....	14.50	25.24	30.36	30.36	34.55
Preschool and kindergarten teachers .....	9.00	11.50	14.53	22.50	28.62
Preschool teachers, except special education .....	8.75	10.80	14.36	22.50	22.50
Elementary and middle school teachers .....	8.75	10.80	14.36	22.50	22.50
Elementary school teachers, except special education .....	10.47	13.10	17.54	27.02	31.24
Secondary school teachers .....	10.47	10.71	17.54	18.91	28.62
Secondary school teachers, except special and vocational education .....	17.25	37.40	40.07	41.48	63.35
Other teachers and instructors .....	17.25	37.40	40.07	41.48	63.35
Self-enrichment education teachers .....	7.76	10.30	18.69	20.00	27.41
Librarians .....	11.00	15.75	20.00	20.30	42.00
Teacher assistants .....	16.79	16.79	24.50	26.80	30.72
Teacher assistants .....	7.50	8.67	9.09	10.50	12.00
<b>Arts, design, entertainment, sports, and media occupations .....</b>					
Designers .....	7.85	8.48	10.37	19.00	31.61
Floral designers .....	7.85	8.50	10.00	14.42	24.81
Athletes, coaches, umpires, and related workers .....	7.50	7.95	9.00	10.00	10.00
Coaches and scouts .....	7.42	9.00	12.00	16.90	23.80
Umpires, referees, and other sports officials .....	7.50	9.75	12.50	16.90	23.80
Dancers and choreographers .....	5.15	5.15	8.00	10.00	11.00
Dancers .....	7.00	10.78	17.22	29.34	29.34
Choreographers .....	7.00	7.00	18.00	29.34	29.34
Musicians, singers, and related workers .....	10.78	13.33	17.22	25.00	25.00
Music directors and composers .....	15.00	20.66	21.36	30.95	43.33
Music directors and composers .....	15.00	15.00	20.66	30.77	39.30

See footnotes at end of table.

**Table 20 Part-time private industry workers: Hourly wage percentiles<sup>1</sup> — Continued**

Occupation <sup>2</sup>	Wages fall at or below the following percentiles				
	10	25	50	75	90
<b>Arts, design, entertainment, sports, and media occupations</b>					
–Continued					
Musicians and singers .....	\$21.36	\$21.36	\$22.97	\$34.00	\$75.00
Announcers .....	8.00	9.00	10.00	12.00	12.79
News analysts, reporters and correspondents .....	8.00	10.00	14.00	20.00	33.81
Reporters and correspondents .....	8.00	10.00	14.00	20.00	33.81
Writers and editors .....	9.00	16.60	21.13	37.16	43.70
Broadcast and sound engineering technicians and radio operators .....	8.00	8.37	15.39	38.20	45.63
Audio and video equipment technicians .....	8.00	8.55	11.75	33.94	40.21
<b>Healthcare practitioner and technical occupations</b>					
Dietitians and nutritionists .....	14.40	19.31	26.71	34.24	44.52
Pharmacists .....	22.36	22.47	24.34	24.34	28.98
Physicians and surgeons .....	11.00	19.93	38.51	47.56	50.00
Physician assistants .....	58.00	63.27	75.47	110.75	137.82
Registered nurses .....	34.45	34.45	34.45	45.00	62.31
Therapists .....	22.16	25.39	29.75	35.22	43.68
Occupational therapists .....	20.22	24.36	31.89	37.83	48.25
Physical therapists .....	27.92	29.18	33.22	38.00	49.41
Respiratory therapists .....	31.00	33.00	37.60	40.00	45.00
Clinical laboratory technologists and technicians .....	21.52	22.80	24.00	27.62	31.01
Medical and clinical laboratory technologists .....	12.49	15.64	17.02	22.63	28.97
Medical and clinical laboratory technicians .....	20.18	22.27	26.09	31.32	35.89
Dental hygienists .....	12.00	14.93	16.50	18.66	22.12
Diagnostic related technologists and technicians .....	24.00	29.00	33.53	45.00	50.00
Cardiovascular technologists and technicians .....	14.04	17.58	22.00	30.75	37.99
Radiologic technologists and technicians .....	11.61	14.04	14.04	20.79	32.00
Emergency medical technicians and paramedics .....	16.50	18.40	23.10	29.64	36.79
Health diagnosing and treating practitioner support technicians .....	10.00	10.50	14.05	14.42	22.61
Pharmacy technicians .....	8.39	10.90	13.84	16.00	19.12
Psychiatric technicians .....	8.84	10.49	13.33	13.84	15.95
Respiratory therapy technicians .....	10.96	11.04	13.03	14.94	17.69
Surgical technologists .....	9.28	18.57	22.53	26.97	28.00
Licensed practical and licensed vocational nurses .....	15.15	17.50	18.40	18.98	19.77
Medical records and health information technicians .....	15.00	16.70	17.77	21.13	25.00
Miscellaneous health technologists and technicians .....	9.65	10.39	12.11	14.00	21.91
7.28	10.74	13.11	14.65	29.64	
<b>Healthcare support occupations</b>					
Nursing, psychiatric, and home health aides .....	6.50	8.25	9.92	12.18	15.51
Home health aides .....	6.20	7.88	9.72	11.00	13.21
Nursing aides, orderlies, and attendants .....	6.00	6.50	8.00	9.90	10.50
Psychiatric aides .....	8.28	9.29	10.50	12.30	14.65
Occupational therapist assistants and aides .....	7.50	8.00	9.80	10.75	14.35
Physical therapist assistants and aides .....	11.25	11.77	13.50	16.43	17.03
Physical therapist assistants .....	8.95	9.85	10.05	16.22	22.15
Physical therapist assistants .....	9.85	9.85	9.85	20.83	30.00

See footnotes at end of table.

**Table 20 Part-time private industry workers: Hourly wage percentiles<sup>1</sup> — Continued**

Occupation <sup>2</sup>	Wages fall at or below the following percentiles				
	10	25	50	75	90
<b>Healthcare support occupations –Continued</b>					
Physical therapist aides .....	\$8.00	\$9.61	\$10.25	\$12.38	\$13.63
Massage therapists .....	8.94	12.36	20.94	28.00	34.99
Miscellaneous healthcare support occupations .....	7.00	9.00	11.25	15.16	18.02
Dental assistants .....	10.00	10.00	14.00	15.25	21.00
Medical assistants .....	8.48	11.00	14.98	16.24	17.68
Medical equipment preparers .....	7.00	11.25	13.71	17.31	17.78
Medical transcriptionists .....	11.28	14.46	16.00	21.00	21.00
Pharmacy aides .....	5.85	7.30	8.92	10.00	14.31
Veterinary assistants and laboratory animal caretakers .....	6.50	8.00	8.50	10.00	10.00
<b>Protective service occupations .....</b>					
Security guards and gaming surveillance officers .....	7.15	7.93	9.38	10.50	14.81
Security guards .....	7.25	8.00	9.60	10.75	15.00
Miscellaneous protective service workers .....	7.25	8.00	9.60	10.75	15.00
Lifeguards, ski patrol, and other recreational protective service workers .....	6.75	7.50	7.75	9.48	10.75
<b>Food preparation and serving related occupations .....</b>					
First-line supervisors/managers, food preparation and serving workers .....	3.15	6.00	7.09	8.00	9.40
First-line supervisors/managers of food preparation and serving workers .....	7.52	8.83	9.45	12.30	13.13
Cooks .....	7.25	8.50	10.00	12.50	14.54
Cooks, fast food .....	6.65	7.15	8.00	9.50	11.39
Cooks, fast food .....	6.15	6.85	7.15	7.80	8.25
Cooks, institution and cafeteria .....	7.00	8.25	9.20	11.36	12.00
Cooks, restaurant .....	7.00	8.00	9.00	10.50	12.00
Cooks, short order .....	6.65	7.25	8.00	10.50	12.50
Food preparation workers .....	6.50	7.15	7.80	9.00	10.39
Food service, tipped .....	2.28	3.08	5.15	7.50	8.00
Bartenders .....	4.00	5.15	7.00	8.00	10.00
Waiters and waitresses .....	2.13	2.75	3.90	6.50	7.80
Dining room and cafeteria attendants and bartender helpers ..	4.00	5.41	6.95	7.77	8.75
Fast food and counter workers .....	6.00	6.50	7.15	7.98	8.95
Combined food preparation and serving workers, including fast food .....	6.00	6.50	7.15	7.90	8.70
Counter attendants, cafeteria, food concession, and coffee shop .....	6.15	6.70	7.40	8.50	9.50
Food servers, nonrestaurant .....	3.65	6.00	7.62	9.00	12.00
Dishwashers .....	6.25	6.75	7.50	8.15	9.00
Hosts and hostesses, restaurant, lounge, and coffee shop .....	5.15	6.55	7.50	8.25	10.00
<b>Building and grounds cleaning and maintenance occupations</b>					
First-line supervisors/managers, building and grounds cleaning and maintenance workers .....	6.50	7.32	8.46	10.00	12.02
First-line supervisors/managers, building and grounds cleaning and maintenance workers .....	7.84	12.00	14.17	15.00	15.00

See footnotes at end of table.

**Table 20 Part-time private industry workers: Hourly wage percentiles<sup>1</sup> — Continued**

Occupation <sup>2</sup>	Wages fall at or below the following percentiles				
	10	25	50	75	90
<b>Building and grounds cleaning and maintenance occupations</b>					
–Continued					
First-line supervisors/managers of housekeeping and janitorial workers .....	\$7.84	\$12.00	\$14.17	\$15.00	\$15.00
Building cleaning workers .....	6.48	7.32	8.46	10.00	12.00
Janitors and cleaners, except maids and housekeeping cleaners .....	6.44	7.32	8.46	10.00	12.00
Maids and housekeeping cleaners .....	6.75	7.25	8.25	9.64	12.02
Grounds maintenance workers .....	6.95	8.00	9.00	9.25	12.76
Landscaping and groundskeeping workers .....	6.92	8.03	9.00	9.25	12.76
<b>Personal care and service occupations</b>					
First-line supervisors/managers of personal service workers .....	10.50	13.00	14.50	15.81	16.74
Nonfarm animal caretakers .....	6.00	6.50	7.30	8.00	9.50
Gaming services workers .....	5.20	5.36	5.36	6.85	7.57
Gaming and sports book writers and runners .....	7.50	7.50	7.57	12.50	20.00
Ushers, lobby attendants, and ticket takers .....	6.35	7.15	9.10	13.17	13.17
Miscellaneous entertainment attendants and related workers .....	5.98	6.67	7.39	8.00	9.19
Amusement and recreation attendants .....	5.85	6.50	7.00	7.79	8.85
Locker room, coatroom, and dressing room attendants .....	7.02	7.23	7.85	9.00	10.20
Funeral attendants .....	8.50	8.75	10.00	12.50	12.65
Barbers and cosmetologists .....	7.92	10.00	12.90	16.18	21.89
Hairdressers, hairstylists, and cosmetologists .....	7.50	9.00	12.50	20.43	22.00
Miscellaneous personal appearance workers .....	6.71	7.32	9.00	16.44	30.00
Skin care specialists .....	7.48	10.21	20.00	30.00	30.00
Baggage porters, bellhops, and concierges .....	7.45	7.82	8.73	8.83	12.00
Baggage porters and bellhops .....	6.25	7.72	7.82	8.83	8.83
Concierges .....	8.00	8.73	8.73	10.85	12.36
Tour and travel guides .....	6.90	7.15	9.50	14.17	16.68
Tour guides and escorts .....	6.90	7.15	9.50	12.50	15.00
Transportation attendants .....	7.73	9.81	20.05	45.24	48.85
Transportation attendants, except flight attendants and baggage porters .....	7.73	8.25	9.81	10.00	10.58
Child care workers .....	6.25	7.00	7.80	9.00	11.34
Personal and home care aides .....	5.15	6.05	7.00	9.00	10.70
Recreation and fitness workers .....	6.67	7.99	9.65	11.30	17.31
Fitness trainers and aerobics instructors .....	8.06	9.25	11.75	17.31	22.00
Recreation workers .....	6.37	7.20	9.00	10.52	12.63
<b>Sales and related occupations</b>					
First-line supervisors/managers, sales workers .....	8.25	9.00	9.44	12.00	15.78
First-line supervisors/managers of retail sales workers .....	7.46	8.56	9.77	12.78	17.93
Retail sales workers .....	6.50	7.15	8.00	9.10	10.97
Cashiers, all workers .....	6.50	7.00	7.77	8.95	10.28
Cashiers .....	6.50	7.00	7.77	8.95	10.28
Gaming change persons and booth cashiers .....	7.45	7.50	9.00	11.29	12.50

See footnotes at end of table.

**Table 20 Part-time private industry workers: Hourly wage percentiles<sup>1</sup> — Continued**

Occupation <sup>2</sup>	Wages fall at or below the following percentiles				
	10	25	50	75	90
<b>Sales and related occupations –Continued</b>					
Counter and rental clerks and parts salespersons .....	\$6.25	\$7.15	\$7.75	\$8.60	\$9.75
Counter and rental clerks .....	6.43	7.00	7.50	8.25	9.25
Parts salespersons .....	6.00	8.00	8.50	9.50	10.30
Retail salespersons .....	6.50	7.25	8.13	9.77	12.00
Travel agents .....	10.29	11.00	11.00	11.00	13.50
Sales representatives, wholesale and manufacturing .....	9.56	9.67	10.74	12.50	15.00
Sales representatives, wholesale and manufacturing, except technical and scientific products .....	9.56	9.67	10.61	13.00	15.00
Models, demonstrators, and product promoters .....	8.95	8.95	9.37	11.01	17.50
Demonstrators and product promoters .....	8.95	8.95	9.37	11.01	17.50
Real estate brokers and sales agents .....	6.92	12.50	13.00	15.14	53.85
Telemarketers .....	7.00	7.50	9.23	11.05	14.20
Miscellaneous sales and related workers .....	7.00	7.50	8.50	10.04	13.41
Door-to-door sales workers, news and street vendors, and related workers .....	9.37	9.37	10.92	10.92	12.53
<b>Office and administrative support occupations .....</b>	<b>7.75</b>	<b>9.00</b>	<b>11.00</b>	<b>14.00</b>	<b>17.00</b>
First-line supervisors/managers of office and administrative support workers .....	13.75	14.00	20.00	25.00	25.00
Switchboard operators, including answering service .....	7.49	9.50	10.28	11.00	12.94
Telephone operators .....	8.93	9.00	9.82	11.00	12.27
Financial clerks .....	8.33	9.73	11.48	14.25	16.25
Bill and account collectors .....	8.33	9.76	11.54	15.98	17.42
Billing and posting clerks and machine operators .....	11.00	11.57	12.36	14.91	16.42
Bookkeeping, accounting, and auditing clerks .....	9.00	10.75	13.00	15.00	17.57
Payroll and timekeeping clerks .....	9.00	10.22	12.71	18.95	20.46
Procurement clerks .....	8.50	8.74	8.74	13.40	21.25
Tellers .....	8.00	9.16	10.24	11.58	13.20
Customer service representatives .....	8.00	9.00	10.92	13.50	16.62
File clerks .....	7.65	8.52	10.00	10.59	15.00
Hotel, motel, and resort desk clerks .....	6.25	7.46	8.48	9.50	11.55
Interviewers, except eligibility and loan .....	7.50	8.18	9.00	11.00	12.72
Library assistants, clerical .....	7.40	8.80	9.02	11.15	19.33
Loan interviewers and clerks .....	10.00	10.00	16.00	17.80	20.27
New accounts clerks .....	10.30	10.30	13.12	15.21	19.93
Order clerks .....	7.35	8.60	10.55	13.05	25.00
Human resources assistants, except payroll and timekeeping .....	8.87	10.69	12.75	18.41	18.41
Receptionists and information clerks .....	7.50	8.00	10.00	12.38	15.00
Reservation and transportation ticket agents and travel clerks ...	8.94	10.21	15.56	18.70	21.22
Cargo and freight agents .....	12.09	14.49	14.95	37.50	38.00
Couriers and messengers .....	7.16	7.98	8.77	10.00	12.05
Dispatchers .....	7.00	9.00	10.60	12.00	14.31
Dispatchers, except police, fire, and ambulance .....	7.00	8.00	10.60	12.00	14.31
Shipping, receiving, and traffic clerks .....	7.89	8.40	10.35	12.50	15.16
Stock clerks and order fillers .....	6.92	7.45	8.35	9.95	12.17

See footnotes at end of table.

**Table 20 Part-time private industry workers: Hourly wage percentiles<sup>1</sup> — Continued**

Occupation <sup>2</sup>	Wages fall at or below the following percentiles				
	10	25	50	75	90
<b>Office and administrative support occupations –Continued</b>					
Secretaries and administrative assistants .....	\$10.19	\$11.58	\$14.00	\$17.22	\$21.92
Executive secretaries and administrative assistants .....	12.00	12.35	15.00	18.70	25.00
Legal secretaries .....	21.92	21.92	21.92	23.26	30.93
Medical secretaries .....	10.50	11.00	13.65	16.58	18.35
Secretaries, except legal, medical, and executive .....	10.00	10.60	13.75	15.54	16.62
Computer operators .....	10.00	10.75	12.67	14.50	16.62
Data entry and information processing workers .....	8.35	10.01	12.14	14.91	21.67
Data entry keyers .....	8.95	10.43	12.15	14.02	21.67
Word processors and typists .....	5.15	9.00	11.50	15.80	17.43
Insurance claims and policy processing clerks .....	11.74	12.00	14.44	17.00	18.00
Mail clerks and mail machine operators, except postal service ..	8.82	10.33	12.40	14.62	15.29
Office clerks, general .....	8.23	9.75	11.50	13.25	16.43
Office machine operators, except computer .....	9.59	9.89	11.15	11.86	13.39
<b>Farming, fishing, and forestry occupations .....</b>					
Miscellaneous agricultural workers .....	7.20	7.20	11.00	15.00	17.00
Farmworkers and laborers, crop, nursery, and greenhouse ....	7.00	11.00	15.00	17.00	17.00
<b>Construction and extraction occupations .....</b>					
Carpenters .....	12.46	13.69	17.00	24.00	30.82
Construction laborers .....	7.72	9.02	25.00	27.82	31.55
Electricians .....	13.50	14.00	23.15	34.15	35.00
Painters and paperhangers .....	9.00	9.32	9.32	10.03	18.88
Painters, construction and maintenance .....	9.00	9.32	9.32	10.03	18.88
Helpers, construction trades .....	7.50	8.00	12.71	13.17	16.00
<b>Installation, maintenance, and repair occupations .....</b>					
First-line supervisors/managers of mechanics, installers, and repairers .....	7.61	9.00	10.75	15.00	30.00
Automotive technicians and repairers .....	8.80	10.20	20.88	21.50	29.21
Automotive service technicians and mechanics .....	9.82	10.65	12.00	12.67	20.57
Miscellaneous vehicle and mobile equipment mechanic, installers, and repairers .....	9.30	12.00	12.00	12.74	20.57
Tire repairers and changers .....	7.50	8.00	8.87	9.52	10.00
Tire repairers and changers .....	8.00	8.50	9.52	10.00	12.50
Industrial machinery installation, repair, and maintenance workers .....	8.00	10.50	12.00	15.14	28.96
Maintenance and repair workers, general .....	8.00	9.35	11.00	15.14	28.96
Miscellaneous installation, maintenance, and repair workers .....	6.79	7.50	9.60	11.50	17.07
Helpers--installation, maintenance, and repair workers .....	5.71	7.21	7.62	9.67	11.50
<b>Production occupations .....</b>					
Electrical, electronics, and electromechanical assemblers .....	7.12	8.05	9.64	11.00	15.00
Electrical, electronics, and electromechanical assemblers .....	7.00	10.00	10.73	11.00	12.68
Electrical and electronic equipment assemblers .....	7.00	10.00	10.73	11.00	12.68
Miscellaneous assemblers and fabricators .....	7.20	8.95	10.14	10.60	15.92
Bakers .....	7.75	8.15	9.20	13.50	13.50

See footnotes at end of table.

**Table 20 Part-time private industry workers: Hourly wage percentiles<sup>1</sup> — Continued**

Occupation <sup>2</sup>	Wages fall at or below the following percentiles				
	10	25	50	75	90
<b>Production occupations –Continued</b>					
Butchers and other meat, poultry, and fish processing workers ..	\$6.82	\$7.42	\$9.50	\$14.20	\$18.10
Butchers and meat cutters .....	9.00	10.00	12.05	17.23	18.84
Meat, poultry, and fish cutters and trimmers .....	6.00	6.82	6.82	8.79	8.79
Miscellaneous food processing workers .....	6.71	8.40	9.00	14.00	22.22
Food batchmakers .....	6.71	8.25	8.40	10.75	14.00
Machine tool cutting setters, operators, and tenders, metal and plastic .....	7.41	7.41	8.35	9.60	10.00
Bookbinders and bindery workers .....	7.00	7.00	8.75	9.32	10.50
Bindery workers .....	7.00	7.00	8.75	9.32	10.50
Printers .....	9.18	11.11	12.12	15.00	20.50
Prepress technicians and workers .....	8.75	11.11	11.11	15.00	15.00
Printing machine operators .....	10.00	10.75	15.00	16.36	23.76
Laundry and dry-cleaning workers .....	6.53	7.50	8.47	10.20	10.51
Pressers, textile, garment, and related materials .....	8.75	9.75	10.49	11.00	11.00
Tailors, dressmakers, and sewers .....	10.00	10.00	15.72	19.15	23.69
Tailors, dressmakers, and custom sewers .....	10.00	10.00	15.72	19.15	23.69
Inspectors, testers, sorters, samplers, and weighers .....	7.50	8.50	9.50	11.73	13.00
Packaging and filling machine operators and tenders .....	6.75	6.75	8.50	9.75	9.96
Painting workers .....	6.00	6.75	10.00	17.30	17.30
Painting, coating, and decorating workers .....	6.00	6.75	9.78	13.00	17.30
Photographic process workers and processing machine operators .....	7.00	7.28	7.28	9.30	10.11
Photographic processing machine operators .....	6.81	7.13	7.28	8.00	10.11
Miscellaneous production workers .....	7.40	8.50	9.89	10.00	15.17
Helpers--production workers .....	7.68	9.16	9.89	9.89	11.50
<b>Transportation and material moving occupations .....</b>	<b>6.50</b>	<b>7.30</b>	<b>8.75</b>	<b>11.32</b>	<b>14.33</b>
Bus drivers .....	10.00	10.96	12.68	14.38	17.00
Bus drivers, transit and intercity .....	9.82	10.42	12.68	13.00	13.75
Bus drivers, school .....	10.00	10.96	12.60	14.75	17.00
Driver/sales workers and truck drivers .....	5.85	6.95	8.18	11.75	16.01
Driver/sales workers .....	5.50	6.15	7.15	8.15	11.75
Truck drivers, heavy and tractor-trailer .....	8.04	13.00	16.01	17.70	22.00
Truck drivers, light or delivery services .....	6.70	7.73	9.00	12.96	16.45
Taxi drivers and chauffeurs .....	7.15	8.50	9.45	12.00	12.00
Parking lot attendants .....	6.50	7.14	8.37	10.00	20.00
Service station attendants .....	7.00	7.00	8.00	10.61	17.80
Industrial truck and tractor operators .....	8.00	9.63	11.00	12.64	15.50
Laborers and material movers, hand .....	6.50	7.16	8.20	10.00	13.00
Cleaners of vehicles and equipment .....	6.40	7.00	7.50	8.59	10.00
Laborers and freight, stock, and material movers, hand .....	6.75	7.50	8.99	11.00	13.75
Machine feeders and offbearers .....	7.10	8.10	8.83	11.75	13.44
Packers and packagers, hand .....	6.10	6.80	7.50	8.70	10.25

<sup>1</sup> Percentiles designate position in the earnings distribution and are calculated from individual worker earnings and the hours they are scheduled to work. See appendix A for more information.

<sup>2</sup> A classification system including about 800 individual occupations is used to cover all workers in the civilian economy. See appendix B for more information.

NOTE: Dashes indicate that data did not meet publication criteria. Overall occupational groups may include data for categories not shown separately.

SOURCE: Bureau of Labor Statistics, National Compensation Survey.

Table 21

State and local government workers: Hourly wage percentiles<sup>1</sup>

Occupation <sup>2</sup>	Wages fall at or below the following percentiles				
	10	25	50	75	90
<b>All workers</b> .....	\$11.00	\$14.45	\$20.68	\$30.39	\$41.66
<b>Management occupations</b> .....	20.53	27.59	36.29	47.36	57.56
Chief executives .....	27.17	38.06	47.20	65.53	84.38
General and operations managers .....	21.45	25.48	31.98	48.97	61.33
Public relations managers .....	18.21	22.96	31.67	40.55	50.01
Administrative services managers .....	20.91	25.40	31.09	40.74	50.74
Computer and information systems managers .....	26.65	32.27	40.44	48.83	58.84
Financial managers .....	20.89	29.12	38.90	49.29	57.90
Human resources managers .....	21.95	28.91	36.47	40.75	53.49
Compensation and benefits managers .....	25.95	28.85	31.76	41.50	45.34
Training and development managers .....	21.01	21.76	32.24	36.18	63.10
Purchasing managers .....	22.23	22.48	29.43	33.57	44.10
Transportation, storage, and distribution managers .....	24.33	35.18	35.18	39.79	47.64
Construction managers .....	25.39	28.85	35.19	39.66	46.08
Education administrators .....	24.98	32.59	41.06	49.75	58.31
Education administrators, preschool and child care center/program .....	14.42	15.30	21.38	26.48	37.60
Education administrators, elementary and secondary school ..	32.67	38.21	44.62	51.56	58.31
Education administrators, postsecondary .....	21.38	26.17	32.40	47.23	61.54
Engineering managers .....	35.62	40.38	51.20	52.89	61.07
Food service managers .....	17.31	17.80	22.78	28.00	30.00
Medical and health services managers .....	23.08	29.32	38.03	52.05	79.33
Natural sciences managers .....	16.89	24.61	31.07	49.35	51.21
Property, real estate, and community association managers .....	17.07	18.93	22.29	28.13	31.92
Social and community service managers .....	21.81	25.75	30.73	35.32	41.64
<b>Business and financial operations occupations</b> .....	15.70	18.86	23.64	29.19	35.94
Buyers and purchasing agents .....	19.50	20.43	24.48	29.72	35.38
Purchasing agents, except wholesale, retail, and farm products .....	19.50	20.43	23.71	29.72	32.24
Claims adjusters, appraisers, examiners, and investigators .....	17.58	21.69	24.89	29.15	36.12
Claims adjusters, examiners, and investigators .....	17.58	21.69	24.89	29.15	36.12
Compliance officers, except agriculture, construction, health and safety, and transportation .....	14.54	16.88	19.59	24.29	29.88
Emergency management specialists .....	16.87	18.20	27.48	48.10	48.10
Human resources, training, and labor relations specialists .....	14.67	18.03	22.95	31.50	38.90
Employment, recruitment, and placement specialists .....	13.17	14.67	16.27	20.12	22.95
Compensation, benefits, and job analysis specialists .....	18.17	21.60	23.27	33.81	38.90
Training and development specialists .....	16.76	19.43	26.39	36.83	42.47
Management analysts .....	18.45	20.16	23.72	32.48	37.52
Meeting and convention planners .....	17.71	20.79	22.16	30.23	34.02
Accountants and auditors .....	17.25	19.39	23.95	28.36	34.48
Appraisers and assessors of real estate .....	11.83	15.28	20.22	27.92	34.02
Budget analysts .....	22.39	23.98	27.39	29.93	34.42
Financial analysts and advisors .....	16.03	19.93	23.51	26.01	34.03
Financial analysts .....	19.07	20.19	23.60	29.30	34.03

See footnotes at end of table.

**Table 21 State and local government workers: Hourly wage percentiles<sup>1</sup> — Continued**

Occupation <sup>2</sup>	Wages fall at or below the following percentiles				
	10	25	50	75	90
<b>Business and financial operations occupations –Continued</b>					
Insurance underwriters .....	\$13.46	\$18.05	\$23.75	\$23.92	\$25.23
Financial examiners .....	17.81	18.21	24.43	36.38	40.58
Loan counselors and officers .....	17.46	20.87	21.76	24.14	30.83
Loan counselors .....	17.46	20.87	21.76	24.14	30.83
Tax examiners, collectors, preparers, and revenue agents .....	13.03	15.22	19.59	25.93	31.90
Tax examiners, collectors, and revenue agents .....	13.09	15.22	19.68	25.93	32.27
<b>Computer and mathematical science occupations .....</b>					
Computer programmers .....	17.93	21.52	26.44	32.72	38.15
Computer software engineers .....	20.06	23.37	29.48	34.83	40.46
Computer software engineers, applications .....	18.40	23.30	31.74	35.46	37.30
Computer software engineers, systems software .....	18.10	21.40	30.10	34.43	37.30
Computer software engineers, systems software .....	26.15	33.20	33.20	35.85	37.06
Computer support specialists .....	15.40	18.75	21.86	25.57	28.86
Computer systems analysts .....	20.75	25.00	30.34	36.28	42.20
Database administrators .....	19.59	25.01	30.26	34.10	36.77
Network and computer systems administrators .....	18.73	21.93	26.52	30.40	38.98
Network systems and data communications analysts .....	18.38	22.05	27.26	33.36	36.62
Operations research analysts .....	24.41	26.20	26.20	26.20	32.89
<b>Architecture and engineering occupations .....</b>					
Architects, except naval .....	17.70	22.38	28.93	35.29	43.38
Architects, except landscape and naval .....	28.63	31.20	32.32	32.40	42.64
Architects, except landscape and naval .....	29.90	31.20	32.40	36.07	42.64
Surveyors, cartographers, and photogrammetrists .....	18.84	23.79	24.65	31.77	39.49
Surveyors .....	20.39	24.65	31.77	35.29	43.90
Engineers .....	23.67	27.83	31.37	40.19	45.91
Civil engineers .....	24.50	26.84	31.83	39.49	44.24
Electrical and electronics engineers .....	25.69	29.08	34.35	41.70	42.40
Electrical engineers .....	25.65	25.76	31.19	34.35	43.66
Environmental engineers .....	22.73	26.50	29.37	36.50	44.00
Industrial engineers, including health and safety .....	20.93	27.56	33.11	37.94	49.81
Drafters .....	17.25	18.42	24.14	27.96	30.17
Architectural and civil drafters .....	15.97	22.16	25.36	30.17	30.17
Engineering technicians, except drafters .....	14.59	17.53	21.25	25.64	30.34
Civil engineering technicians .....	13.61	16.31	20.58	24.85	28.13
Electrical and electronic engineering technicians .....	19.38	19.91	27.31	33.35	37.55
Surveying and mapping technicians .....	13.95	17.07	20.88	24.40	28.19
<b>Life, physical, and social science occupations .....</b>					
Life scientists .....	15.75	18.94	24.42	32.16	41.31
Life scientists .....	16.35	17.78	20.71	26.60	33.14
Agricultural and food scientists .....	15.75	15.95	16.70	17.11	22.38
Biological scientists .....	17.83	20.61	23.55	27.82	33.16
Biochemists and biophysicists .....	17.72	18.36	23.08	27.82	28.35
Zoologists and wildlife biologists .....	18.05	20.79	23.50	23.73	32.00
Conservation scientists and foresters .....	12.70	19.90	24.67	28.70	31.71
Conservation scientists .....	12.70	19.90	24.67	26.57	30.35

See footnotes at end of table.

**Table 21 State and local government workers: Hourly wage percentiles<sup>1</sup> — Continued**

Occupation <sup>2</sup>	Wages fall at or below the following percentiles				
	10	25	50	75	90
<b>Life, physical, and social science occupations –Continued</b>					
Foresters .....	\$19.90	\$24.27	\$31.71	\$40.80	\$60.13
Medical scientists .....	16.35	18.74	20.16	28.30	35.32
Physical scientists .....	18.96	23.00	26.29	33.35	40.37
Chemists and materials scientists .....	21.34	26.07	26.07	28.19	31.65
Chemists .....	21.34	26.07	26.07	28.19	31.65
Environmental scientists and geoscientists .....	18.98	22.47	27.64	36.05	40.37
Environmental scientists and specialists, including health ..	18.14	21.93	27.65	36.69	40.37
Psychologists .....	24.30	27.80	34.49	44.11	54.21
Clinical, counseling, and school psychologists .....	24.30	27.27	34.41	45.54	54.68
Urban and regional planners .....	22.12	24.39	30.39	36.29	39.92
Miscellaneous social scientists and related workers .....	11.65	12.11	15.77	17.77	39.61
Agricultural and food science technicians .....	9.14	10.29	13.90	19.02	22.87
Biological technicians .....	13.98	16.08	20.22	21.98	24.85
Chemical technicians .....	17.57	18.65	22.44	22.80	24.18
Social science research assistants .....	11.35	11.85	12.35	15.87	21.79
Miscellaneous life, physical, and social science technicians .....	12.54	15.57	18.03	24.06	30.43
Environmental science and protection technicians, including health .....	12.54	16.92	21.63	27.98	31.69
Forensic science technicians .....	18.03	22.44	25.28	30.52	34.83
Forest and conservation technicians .....	8.75	14.61	15.95	18.00	20.14
<b>Community and social services occupations .....</b>	14.44	16.79	21.08	28.48	38.34
Counselors .....	15.96	19.78	26.58	37.90	47.60
Substance abuse and behavioral disorder counselors .....	15.63	16.97	23.25	36.67	46.38
Educational, vocational, and school counselors .....	18.30	23.93	33.33	41.99	50.54
Mental health counselors .....	14.42	16.00	18.61	22.58	28.08
Rehabilitation counselors .....	14.86	17.02	20.89	25.86	28.29
Social workers .....	14.71	16.75	20.32	26.31	32.75
Child, family, and school social workers .....	15.03	17.05	20.46	28.07	36.46
Medical and public health social workers .....	14.78	15.87	17.62	22.37	27.75
Mental health and substance abuse social workers .....	13.12	15.63	18.22	24.71	29.31
Miscellaneous community and social service specialists .....	12.98	15.14	18.88	23.89	30.92
Health educators .....	16.61	18.23	22.47	25.96	30.49
Probation officers and correctional treatment specialists .....	14.61	17.39	21.74	26.63	35.06
Social and human service assistants .....	11.19	13.25	15.52	18.97	23.02
Clergy .....	19.01	20.60	25.36	27.27	29.34
<b>Legal occupations .....</b>	16.67	21.28	29.39	41.77	58.21
Lawyers .....	21.76	27.75	35.23	46.81	57.71
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	40.28	60.92
Judges, magistrate judges, and magistrates .....	21.14	40.97	56.41	69.01	83.32
Paralegals and legal assistants .....	13.28	17.65	21.28	24.00	28.36
Miscellaneous legal support workers .....	14.64	16.67	19.88	25.33	30.41
Court reporters .....	13.20	16.07	22.91	26.60	40.95

See footnotes at end of table.

**Table 21 State and local government workers: Hourly wage percentiles<sup>1</sup> — Continued**

Occupation <sup>2</sup>	Wages fall at or below the following percentiles				
	10	25	50	75	90
<b>Legal occupations –Continued</b>					
Law clerks .....	\$17.86	\$19.26	\$21.53	\$23.66	\$28.38
<b>Education, training, and library occupations .....</b>					
Postsecondary teachers .....	12.43	22.20	30.82	40.65	52.74
Business teachers, postsecondary .....	22.00	30.18	41.10	56.89	76.52
Math and computer teachers, postsecondary .....	24.40	47.20	68.07	71.16	92.16
Computer science teachers, postsecondary .....	28.53	33.21	40.16	52.37	61.54
Mathematical science teachers, postsecondary .....	30.12	36.00	59.08	70.47	98.54
Engineering and architecture teachers, postsecondary .....	28.53	32.91	36.58	47.50	54.99
Engineering teachers, postsecondary .....	23.86	31.26	47.54	63.91	84.12
Life sciences teachers, postsecondary .....	23.86	31.26	47.29	65.02	84.12
Biological science teachers, postsecondary .....	19.66	26.88	37.67	55.85	77.40
Physical sciences teachers, postsecondary .....	18.53	26.60	37.33	56.56	77.40
Atmospheric, earth, marine, and space sciences teachers, postsecondary .....	31.91	36.34	44.96	54.73	64.44
Chemistry teachers, postsecondary .....	50.19	62.63	62.63	67.25	72.57
Physics teachers, postsecondary .....	30.18	39.44	44.40	53.95	64.44
Social sciences teachers, postsecondary .....	34.57	35.68	37.86	50.00	63.15
Economics teachers, postsecondary .....	31.80	32.60	39.77	53.63	74.90
Political science teachers, postsecondary .....	32.40	32.60	49.52	76.09	81.13
Psychology teachers, postsecondary .....	30.45	32.28	34.07	40.56	58.09
Sociology teachers, postsecondary .....	27.97	37.73	38.74	38.95	42.49
Health teachers, postsecondary .....	33.66	40.26	50.48	61.03	80.00
Health specialties teachers, postsecondary .....	24.61	30.31	42.33	72.58	110.14
Nursing instructors and teachers, postsecondary .....	27.04	39.49	53.53	80.16	126.72
Education and library science teachers, postsecondary .....	23.71	27.12	29.91	39.44	51.49
Education teachers, postsecondary .....	17.50	25.71	30.67	39.50	48.18
Law, criminal justice, and social work teachers, postsecondary .....	17.50	25.71	30.67	39.50	48.18
Criminal justice and law enforcement teachers, postsecondary .....	35.93	54.09	84.37	102.69	168.38
Law teachers, postsecondary .....	11.73	30.70	34.93	47.61	51.52
Social work teachers, postsecondary .....	58.92	76.29	87.83	109.62	168.38
Arts, communications, and humanities teachers, postsecondary .....	27.34	31.09	37.77	42.19	45.00
Art, drama, and music teachers, postsecondary .....	25.79	34.73	40.51	50.77	65.06
Communications teachers, postsecondary .....	31.17	35.12	40.71	50.77	65.18
English language and literature teachers, postsecondary ....	31.08	31.08	39.20	41.99	45.00
Foreign language and literature teachers, postsecondary ....	13.50	29.15	37.42	47.00	57.28
History teachers, postsecondary .....	26.30	36.12	38.31	48.48	61.80
Miscellaneous postsecondary teachers .....	34.75	37.30	45.20	57.38	67.23
Graduate teaching assistants .....	18.79	24.75	36.54	47.58	62.37
Recreation and fitness studies teachers, postsecondary .....	14.42	14.42	14.42	14.42	15.48
Vocational education teachers, postsecondary .....	18.00	22.10	32.20	42.44	44.44
Primary, secondary, and special education school teachers .....	19.83	20.00	26.99	41.80	53.84
	23.10	27.31	33.09	41.44	51.42

See footnotes at end of table.

**Table 21 State and local government workers: Hourly wage percentiles<sup>1</sup> — Continued**

Occupation <sup>2</sup>	Wages fall at or below the following percentiles				
	10	25	50	75	90
<b>Education, training, and library occupations –Continued</b>					
Preschool and kindergarten teachers .....	\$20.41	\$25.09	\$30.44	\$37.61	\$48.88
Preschool teachers, except special education .....	12.60	17.89	27.37	33.39	43.62
Kindergarten teachers, except special education .....	23.39	26.33	31.43	38.90	49.96
Elementary and middle school teachers .....	22.85	27.11	33.12	41.54	51.37
Elementary school teachers, except special education .....	22.75	27.02	33.04	41.65	51.26
Middle school teachers, except special and vocational education .....	23.22	27.41	33.25	41.21	51.72
Secondary school teachers .....	23.68	27.84	33.44	41.58	51.40
Secondary school teachers, except special and vocational education .....	23.65	27.85	33.69	41.74	51.92
Vocational education teachers, secondary school .....	24.07	27.53	32.07	40.67	46.65
Special education teachers .....	23.90	27.76	33.27	42.16	53.08
Special education teachers, preschool, kindergarten, and elementary school .....	23.78	27.82	33.24	42.14	52.80
Special education teachers, middle school .....	24.75	28.36	33.28	42.60	52.25
Special education teachers, secondary school .....	23.84	27.31	33.31	42.05	54.46
Other teachers and instructors .....	10.00	17.16	32.07	46.55	59.77
Adult literacy, remedial education, and GED teachers and instructors .....	16.80	22.96	30.50	39.50	57.43
Self-enrichment education teachers .....	17.98	24.35	29.50	42.10	52.53
Archivists, curators, and museum technicians .....	12.36	14.77	18.60	31.90	36.26
Curators .....	14.25	18.60	22.29	29.32	31.90
Librarians .....	15.03	20.63	24.67	33.99	41.58
Library technicians .....	9.93	12.16	14.22	18.00	22.50
Farm and home management advisors .....	15.02	16.30	17.63	22.81	22.81
Instructional coordinators .....	22.89	25.12	31.79	39.21	45.62
Teacher assistants .....	9.10	10.40	12.15	14.69	18.17
<b>Arts, design, entertainment, sports, and media occupations .....</b>					
Designers .....	13.50	16.54	19.83	23.98	31.92
Graphic designers .....	19.23	23.52	27.11	44.38	44.38
Actors, producers, and directors .....	19.23	23.52	27.11	44.38	44.38
Producers and directors .....	15.00	15.00	18.54	22.79	29.28
Athletes, coaches, umpires, and related workers .....	15.00	15.00	18.54	22.79	29.28
Coaches and scouts .....	8.52	13.29	17.28	24.24	38.08
Umpires, referees, and other sports officials .....	12.10	15.39	17.31	25.92	47.83
Public relations specialists .....	7.00	7.00	10.67	15.00	19.00
Writers and editors .....	15.31	18.73	22.15	27.46	31.92
Miscellaneous media and communication workers .....	19.22	20.34	23.78	25.89	32.00
Interpreters and translators .....	9.78	14.54	18.51	23.01	34.12
Broadcast and sound engineering technicians and radio operators .....	9.78	13.30	18.46	23.01	34.12
Audio and video equipment technicians .....	15.44	16.54	18.17	20.50	23.08
Healthcare practitioner and technical occupations .....	14.98	16.35	19.58	21.93	23.08
Healthcare practitioner and technical occupations .....	13.19	17.56	23.49	30.89	41.61

See footnotes at end of table.

**Table 21 State and local government workers: Hourly wage percentiles<sup>1</sup> — Continued**

Occupation <sup>2</sup>	Wages fall at or below the following percentiles				
	10	25	50	75	90
<b>Healthcare practitioner and technical occupations –Continued</b>					
Dietitians and nutritionists .....	\$14.80	\$17.62	\$21.71	\$25.00	\$28.18
Pharmacists .....	41.32	44.56	47.68	49.77	52.40
Physicians and surgeons .....	11.19	18.17	23.75	71.50	86.54
Family and general practitioners .....	10.77	11.19	58.13	86.54	117.80
Psychiatrists .....	31.09	66.73	70.37	77.20	94.24
Registered nurses .....	20.01	23.21	27.49	33.55	41.61
Therapists .....	22.13	26.46	31.18	38.45	48.11
Occupational therapists .....	24.06	28.20	33.09	43.82	52.44
Physical therapists .....	24.50	30.40	33.64	36.22	45.64
Recreational therapists .....	12.50	13.30	17.69	26.60	27.27
Respiratory therapists .....	20.96	25.05	26.59	27.71	30.85
Speech-language pathologists .....	24.62	29.55	35.66	42.69	51.30
Clinical laboratory technologists and technicians .....	12.98	15.82	19.00	21.84	24.70
Medical and clinical laboratory technologists .....	14.00	16.48	20.64	23.88	25.79
Medical and clinical laboratory technicians .....	12.78	15.60	18.89	20.89	22.48
Diagnostic related technologists and technicians .....	18.04	21.20	24.16	28.35	32.24
Cardiovascular technologists and technicians .....	10.19	10.22	16.53	20.48	20.48
Radiologic technologists and technicians .....	19.17	21.95	24.46	27.34	32.19
Emergency medical technicians and paramedics .....	9.23	12.14	16.59	20.24	24.76
Health diagnosing and treating practitioner support technicians	10.99	12.29	14.69	19.13	22.27
Pharmacy technicians .....	11.34	11.88	13.43	16.75	20.07
Psychiatric technicians .....	10.31	11.81	16.97	21.28	23.22
Surgical technologists .....	14.06	14.56	15.41	16.98	18.25
Veterinary technologists and technicians .....	12.83	13.00	14.25	14.84	15.62
Licensed practical and licensed vocational nurses .....	12.96	14.32	16.21	18.94	21.66
Medical records and health information technicians .....	10.82	12.50	15.72	17.82	19.98
Miscellaneous health technologists and technicians .....	11.30	15.58	17.40	20.05	20.89
Occupational health and safety specialists and technicians .....	14.69	16.42	23.37	28.26	32.85
Occupational health and safety specialists .....	14.69	16.35	23.02	27.71	34.38
Miscellaneous healthcare practitioner and technical workers .....	13.13	13.13	14.64	20.18	23.36
Athletic trainers .....	13.13	13.13	14.64	20.18	23.36
<b>Healthcare support occupations</b> .....	8.57	9.98	12.18	15.00	18.01
Nursing, psychiatric, and home health aides .....	8.50	9.58	11.61	14.52	16.98
Home health aides .....	8.00	8.95	10.16	12.74	16.17
Nursing aides, orderlies, and attendants .....	8.25	9.09	10.82	13.21	15.97
Psychiatric aides .....	9.41	10.99	13.81	16.08	18.22
Occupational therapist assistants and aides .....	10.85	14.91	15.70	23.35	23.35
Physical therapist assistants and aides .....	12.03	13.32	20.72	24.04	28.83
Physical therapist assistants .....	18.54	19.49	23.46	24.83	28.83
Miscellaneous healthcare support occupations .....	9.45	11.01	13.48	16.41	20.71
Dental assistants .....	11.85	13.55	15.00	16.78	21.43
Medical assistants .....	9.66	11.90	13.48	15.27	18.22
Medical equipment preparers .....	9.83	12.22	15.51	20.07	24.99
Medical transcriptionists .....	11.01	11.01	11.95	18.06	19.64

See footnotes at end of table.

**Table 21 State and local government workers: Hourly wage percentiles<sup>1</sup> — Continued**

Occupation <sup>2</sup>	Wages fall at or below the following percentiles				
	10	25	50	75	90
<b>Protective service occupations</b> .....	\$12.33	\$15.42	\$20.77	\$27.80	\$34.48
First-line supervisors/managers, law enforcement workers .....	18.88	24.27	31.72	40.55	46.34
First-line supervisors/managers of correctional officers .....	15.17	18.66	24.23	30.21	40.51
First-line supervisors/managers of police and detectives .....	20.62	26.71	34.10	42.25	47.11
First-line supervisors/managers of fire fighting and prevention workers .....	15.46	20.17	25.76	31.03	39.13
Fire fighters .....	11.54	14.54	19.55	24.28	30.35
Fire inspectors .....	18.29	20.86	21.04	25.24	32.81
Fire inspectors and investigators .....	18.29	21.04	21.04	24.86	30.45
Bailiffs, correctional officers, and jailers .....	12.19	13.78	16.72	22.37	28.82
Bailiffs .....	13.73	19.15	24.36	31.39	32.12
Correctional officers and jailers .....	12.19	13.78	16.72	21.98	28.47
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	11.34	14.10	16.82	20.89
Police officers .....	14.62	18.94	24.78	30.46	35.59
Police and sheriff's patrol officers .....	14.62	18.94	24.78	30.46	35.59
Animal control workers .....	9.36	11.70	12.96	14.42	20.96
Security guards and gaming surveillance officers .....	10.50	11.62	14.28	18.41	21.19
Security guards .....	10.44	11.62	14.27	18.11	21.40
Miscellaneous protective service workers .....	7.15	8.73	12.79	17.12	23.46
Crossing guards .....	6.76	8.94	10.40	13.63	16.04
Lifeguards, ski patrol, and other recreational protective service workers .....	6.45	7.25	9.07	15.59	24.12
<b>Food preparation and serving related occupations</b> .....	7.54	9.14	11.04	13.84	17.55
First-line supervisors/managers, food preparation and serving workers .....	9.83	12.30	15.52	18.61	22.39
First-line supervisors/managers of food preparation and serving workers .....	9.83	12.50	15.74	18.61	23.85
Cooks .....	7.49	9.00	10.70	12.84	16.90
Cooks, institution and cafeteria .....	7.49	9.00	10.77	12.92	17.19
Food preparation workers .....	8.40	9.85	11.80	13.57	15.17
Food service, tipped .....	7.00	8.00	9.44	13.04	13.47
Waiters and waitresses .....	4.54	5.15	7.00	7.50	8.00
Dining room and cafeteria attendants and bartender helpers ..	8.29	9.19	11.04	13.04	13.84
Fast food and counter workers .....	7.52	9.10	10.51	12.40	15.02
Combined food preparation and serving workers, including fast food .....	7.85	9.32	10.77	12.51	15.02
Counter attendants, cafeteria, food concession, and coffee shop .....	7.24	8.51	9.56	12.20	14.38
Food servers, nonrestaurant .....	6.36	7.47	8.67	12.99	15.16
Dishwashers .....	7.65	8.30	9.21	10.11	11.55
<b>Building and grounds cleaning and maintenance occupations</b>	8.40	10.00	12.74	16.28	19.89

See footnotes at end of table.

**Table 21 State and local government workers: Hourly wage percentiles<sup>1</sup> — Continued**

Occupation <sup>2</sup>	Wages fall at or below the following percentiles				
	10	25	50	75	90
<b>Building and grounds cleaning and maintenance occupations</b> —Continued					
First-line supervisors/managers, building and grounds cleaning and maintenance workers .....	\$14.33	\$16.46	\$18.34	\$21.15	\$29.42
First-line supervisors/managers of housekeeping and janitorial workers .....	14.56	16.40	18.34	21.15	33.77
First-line supervisors/managers of landscaping, lawn service, and groundskeeping workers .....	13.52	17.61	19.03	22.41	25.51
Building cleaning workers .....	8.40	9.66	12.23	15.35	18.46
Janitors and cleaners, except maids and housekeeping cleaners .....	8.40	9.79	12.38	15.48	18.66
Maids and housekeeping cleaners .....	7.00	8.40	9.78	11.70	13.65
Pest control workers .....	10.00	11.36	12.64	15.89	20.55
Grounds maintenance workers .....	8.50	10.47	13.27	18.12	22.27
Landscaping and groundskeeping workers .....	8.75	10.74	13.28	17.50	22.27
Tree trimmers and pruners .....	18.57	18.57	18.57	23.32	25.36
<b>Personal care and service occupations</b> .....	7.00	8.38	11.34	14.80	18.19
First-line supervisors/managers of gaming workers .....	8.91	10.91	11.75	19.82	26.00
First-line supervisors/managers of personal service workers .....	12.00	15.65	16.90	16.90	21.76
Nonfarm animal caretakers .....	6.50	6.75	7.25	8.80	10.08
Gaming services workers .....	5.15	5.54	7.80	11.81	12.83
Gaming dealers .....	5.15	5.15	5.90	7.50	8.00
Ushers, lobby attendants, and ticket takers .....	6.50	7.25	7.50	8.50	9.15
Miscellaneous entertainment attendants and related workers .....	6.00	6.50	8.02	10.50	15.41
Amusement and recreation attendants .....	6.00	6.50	8.02	10.50	15.41
Transportation attendants .....	7.98	8.86	10.57	13.20	16.10
Transportation attendants, except flight attendants and baggage porters .....	7.98	8.86	10.57	13.20	16.10
Child care workers .....	7.59	9.40	11.65	13.44	15.54
Personal and home care aides .....	7.85	9.25	10.86	14.32	14.32
Recreation and fitness workers .....	7.88	8.91	12.16	15.50	20.42
Fitness trainers and aerobics instructors .....	8.26	9.70	11.39	13.42	17.23
Recreation workers .....	7.88	8.81	12.16	15.50	20.42
Residential advisors .....	15.14	15.82	16.24	19.06	20.97
<b>Sales and related occupations</b> .....	9.13	10.77	14.63	19.30	23.00
First-line supervisors/managers, sales workers .....	15.97	16.34	19.90	22.91	25.23
First-line supervisors/managers of retail sales workers .....	15.97	16.34	19.90	22.91	25.23
Retail sales workers .....	8.84	10.00	12.20	16.29	20.38
Cashiers, all workers .....	8.86	10.05	12.22	16.55	20.38
Cashiers .....	8.86	10.23	12.41	17.08	20.38
Retail salespersons .....	9.10	11.33	14.51	17.38	24.35
<b>Office and administrative support occupations</b> .....	10.50	12.49	15.46	18.94	22.49

See footnotes at end of table.

**Table 21 State and local government workers: Hourly wage percentiles<sup>1</sup> — Continued**

Occupation <sup>2</sup>	Wages fall at or below the following percentiles				
	10	25	50	75	90
<b>Office and administrative support occupations –Continued</b>					
First-line supervisors/managers of office and administrative support workers .....	\$13.77	\$16.11	\$19.38	\$22.16	\$26.52
Switchboard operators, including answering service .....	8.86	9.13	12.26	16.79	22.66
Financial clerks .....	11.36	13.38	16.62	19.56	21.94
Bill and account collectors .....	8.98	11.41	13.53	15.98	20.72
Billing and posting clerks and machine operators .....	9.67	11.65	14.74	17.72	21.72
Bookkeeping, accounting, and auditing clerks .....	11.54	13.63	16.97	19.64	21.94
Payroll and timekeeping clerks .....	13.64	15.74	18.13	20.01	23.66
Procurement clerks .....	11.16	11.58	16.56	20.64	23.72
Court, municipal, and license clerks .....	10.55	12.38	15.19	18.23	23.15
Customer service representatives .....	10.90	12.55	15.32	17.80	19.31
Eligibility interviewers, government programs .....	12.23	14.32	16.61	19.10	21.64
File clerks .....	9.13	11.37	13.64	17.29	19.35
Interviewers, except eligibility and loan .....	9.07	10.01	11.59	13.60	16.48
Library assistants, clerical .....	7.48	9.37	11.46	13.68	16.98
Human resources assistants, except payroll and timekeeping ....	11.78	13.53	17.70	21.58	23.33
Receptionists and information clerks .....	9.50	10.51	13.21	15.73	19.48
Couriers and messengers .....	5.15	7.95	11.40	17.19	19.33
Dispatchers .....	10.10	12.64	16.03	20.84	26.11
Police, fire, and ambulance dispatchers .....	9.94	12.55	15.78	19.88	24.91
Dispatchers, except police, fire, and ambulance .....	11.95	14.20	19.04	26.11	32.86
Meter readers, utilities .....	8.42	10.59	15.16	18.93	21.37
Production, planning, and expediting clerks .....	13.17	14.21	14.87	17.19	22.66
Shipping, receiving, and traffic clerks .....	10.48	11.24	13.10	15.12	19.32
Stock clerks and order fillers .....	9.97	11.21	16.14	17.60	19.29
Weighers, measurers, checkers, and samplers, recordkeeping ....	13.95	13.99	14.77	16.92	17.66
Secretaries and administrative assistants .....	11.51	13.65	16.42	19.99	23.98
Executive secretaries and administrative assistants .....	12.70	15.06	18.00	21.47	25.71
Legal secretaries .....	11.54	14.42	18.52	21.95	27.41
Medical secretaries .....	10.15	11.90	13.88	15.49	20.14
Secretaries, except legal, medical, and executive .....	11.08	12.82	15.41	18.55	21.71
Computer operators .....	10.35	10.35	11.16	15.18	19.87
Data entry and information processing workers .....	11.04	12.58	15.46	17.60	20.85
Data entry keyers .....	9.99	12.53	15.08	18.08	25.79
Word processors and typists .....	11.42	12.62	15.63	17.39	20.00
Insurance claims and policy processing clerks .....	10.75	12.05	18.44	19.83	22.53
Mail clerks and mail machine operators, except postal service ..	8.31	9.90	10.26	13.84	13.97
Office clerks, general .....	10.04	11.91	14.24	17.23	20.00
Office machine operators, except computer .....	7.93	8.18	11.08	13.61	13.61
Statistical assistants .....	14.64	19.60	19.92	22.81	23.84
<b>Farming, fishing, and forestry occupations</b> .....	8.00	12.16	17.43	17.67	22.77
Forest and conservation workers .....	7.50	7.66	8.20	17.53	22.44
<b>Construction and extraction occupations</b> .....	11.51	13.46	17.25	22.42	28.64

See footnotes at end of table.

**Table 21 State and local government workers: Hourly wage percentiles<sup>1</sup> — Continued**

Occupation <sup>2</sup>	Wages fall at or below the following percentiles				
	10	25	50	75	90
<b>Construction and extraction occupations –Continued</b>					
First-line supervisors/managers of construction trades and extraction workers .....	\$15.13	\$17.05	\$21.81	\$27.12	\$30.02
Carpenters .....	11.72	13.46	17.37	22.01	30.24
Construction laborers .....	9.00	10.50	15.68	25.06	29.98
Construction equipment operators .....	11.24	12.73	15.27	18.99	23.36
Paving, surfacing, and tamping equipment operators .....	10.91	11.46	12.20	16.58	25.05
Operating engineers and other construction equipment operators .....	11.24	12.92	15.72	19.13	23.36
Electricians .....	16.30	20.24	23.16	27.29	36.30
Painters and paperhangers .....	12.63	15.57	19.66	35.00	35.00
Painters, construction and maintenance .....	12.63	15.57	19.66	35.00	35.00
Pipelayers, plumbers, pipefitters, and steamfitters .....	12.38	13.90	17.62	25.34	29.91
Pipelayers .....	9.64	11.62	12.70	14.70	16.40
Plumbers, pipefitters, and steamfitters .....	12.46	15.26	21.31	25.63	34.10
Helpers, construction trades .....	8.93	11.67	15.96	18.61	22.73
Construction and building inspectors .....	14.81	17.45	21.06	25.61	31.45
Highway maintenance workers .....	11.50	12.43	15.19	18.63	21.30
Septic tank servicers and sewer pipe cleaners .....	12.00	13.35	15.65	24.40	26.58
Miscellaneous construction and related workers .....	9.37	15.04	21.16	25.41	26.89
<b>Installation, maintenance, and repair occupations .....</b>	12.24	15.35	19.21	24.09	29.80
First-line supervisors/managers of mechanics, installers, and repairers .....	17.63	20.17	26.97	30.15	36.15
Computer, automated teller, and office machine repairers .....	11.65	15.71	18.14	19.34	20.19
Radio and telecommunications equipment installers and repairers .....	19.74	20.63	26.65	27.77	31.90
Miscellaneous electrical and electronic equipment mechanics, installers, and repairers .....	15.69	18.16	24.02	31.01	36.51
Electrical and electronics repairers, commercial and industrial equipment .....	12.49	17.57	23.63	25.14	34.23
Electrical and electronics repairers, powerhouse, substation, and relay .....	17.78	18.16	25.41	33.58	44.58
Automotive technicians and repairers .....	13.63	15.46	19.00	21.96	26.71
Automotive service technicians and mechanics .....	13.53	15.46	19.00	21.25	26.25
Bus and truck mechanics and diesel engine specialists .....	12.93	15.92	19.81	25.67	28.09
Heavy vehicle and mobile equipment service technicians and mechanics .....	14.57	17.80	22.09	25.70	34.78
Mobile heavy equipment mechanics, except engines .....	14.57	14.57	20.69	22.78	34.78
Control and valve installers and repairers .....	11.21	11.75	15.23	19.21	23.04
Control and valve installers and repairers, except mechanical door .....	11.21	11.75	15.23	19.21	23.04
Heating, air conditioning, and refrigeration mechanics and installers .....	15.56	17.00	21.88	24.90	41.16
Industrial machinery installation, repair, and maintenance workers .....	11.34	14.05	17.66	21.83	27.33

See footnotes at end of table.

**Table 21 State and local government workers: Hourly wage percentiles<sup>1</sup> — Continued**

Occupation <sup>2</sup>	Wages fall at or below the following percentiles				
	10	25	50	75	90
<b>Installation, maintenance, and repair occupations –Continued</b>					
Industrial machinery mechanics .....	\$16.76	\$18.54	\$26.26	\$31.66	\$33.40
Maintenance and repair workers, general .....	11.07	13.78	17.29	20.90	25.68
Line installers and repairers .....	13.96	19.73	25.78	30.06	32.47
Electrical power-line installers and repairers .....	13.96	22.38	25.80	30.35	32.47
Miscellaneous installation, maintenance, and repair workers .....	11.75	14.62	17.36	22.07	27.47
Helpers--installation, maintenance, and repair workers .....	10.38	11.80	13.34	18.59	19.22
<b>Production occupations</b> .....					
First-line supervisors/managers of production and operating workers .....	12.17	14.61	19.02	23.65	30.46
Welding, soldering, and brazing workers .....	14.43	19.65	25.83	27.00	46.67
Welders, cutters, solderers, and brazers .....	14.43	19.65	25.67	27.00	46.67
Printers .....	13.96	13.96	16.96	20.74	21.93
Laundry and dry-cleaning workers .....	7.57	9.55	11.51	13.65	16.52
Power plant operators, distributors, and dispatchers .....	14.46	19.55	25.49	28.48	33.28
Power plant operators .....	14.46	19.33	25.84	28.48	33.64
Stationary engineers and boiler operators .....	15.89	20.44	22.23	31.24	37.69
Water and liquid waste treatment plant and system operators .....	12.22	14.22	17.51	21.40	25.14
Inspectors, testers, sorters, samplers, and weighers .....	13.74	15.43	18.01	21.02	26.85
Miscellaneous production workers .....	8.70	10.49	13.96	15.82	16.63
Helpers--production workers .....	7.99	8.50	10.12	12.24	12.73
<b>Transportation and material moving occupations</b> .....					
First-line supervisors/managers of helpers, laborers, and material movers, hand .....	10.53	12.63	16.12	21.50	26.01
First-line supervisors/managers of transportation and material-moving machine and vehicle operators .....	18.90	20.89	21.64	25.64	27.66
Bus drivers .....	8.42	12.53	21.66	26.10	30.98
Bus drivers, transit and intercity .....	10.86	12.96	15.88	19.68	25.15
Bus drivers, school .....	13.21	16.57	22.14	25.33	26.01
Bus drivers, school .....	10.66	12.38	14.90	17.50	20.21
Driver/sales workers and truck drivers .....	11.54	13.19	15.67	19.72	23.81
Truck drivers, heavy and tractor-trailer .....	11.57	13.48	16.18	20.34	25.24
Truck drivers, light or delivery services .....	11.14	12.60	14.78	18.47	21.15
Taxi drivers and chauffeurs .....	9.48	10.52	11.42	13.40	15.60
Subway and streetcar operators .....	18.80	23.54	26.55	27.68	27.68
Parking lot attendants .....	5.15	7.47	9.62	11.17	12.03
Service station attendants .....	13.22	16.48	22.27	22.27	22.27
Transportation inspectors .....	17.75	21.75	25.79	28.90	32.15
Dredge, excavating, and loading machine operators .....	10.55	12.61	15.93	20.37	21.25
Excavating and loading machine and dragline operators .....	10.55	12.61	15.93	20.37	21.25
Industrial truck and tractor operators .....	11.15	12.30	14.79	19.91	22.95
Laborers and material movers, hand .....	8.00	10.08	12.14	15.44	19.56
Laborers and freight, stock, and material movers, hand .....	7.98	9.80	12.14	15.44	19.56
Refuse and recyclable material collectors .....	9.02	11.26	15.41	24.79	28.70

<sup>1</sup> Percentiles designate position in the earnings distribution and are calculated from individual worker earnings and the hours they are scheduled to work. See appendix A for more information.

<sup>2</sup> A classification system including about 800 individual occupations is used to cover all workers in the civilian economy. See appendix B for more information.

NOTE: Dashes indicate that data did not meet publication criteria. Overall occupational groups may include data for categories not shown separately.

SOURCE: Bureau of Labor Statistics, National Compensation Survey.

Table 22

**Full-time State and local government workers: Hourly wage percentiles<sup>1</sup>**

Occupation <sup>2</sup>	Wages fall at or below the following percentiles				
	10	25	50	75	90
<b>All workers</b> .....	\$11.54	\$15.03	\$21.40	\$30.99	\$42.16
<b>Management occupations</b> .....	20.82	27.83	36.35	47.45	57.56
Chief executives .....	27.17	38.06	47.20	65.53	84.38
General and operations managers .....	21.45	25.48	31.98	48.97	61.33
Public relations managers .....	18.21	22.96	31.67	40.55	50.01
Administrative services managers .....	20.91	25.40	31.09	40.74	50.74
Computer and information systems managers .....	26.65	32.27	40.44	48.83	58.84
Financial managers .....	20.89	29.12	38.90	49.29	57.90
Human resources managers .....	21.95	28.91	36.47	40.75	53.49
Compensation and benefits managers .....	25.95	28.85	31.76	41.50	45.34
Training and development managers .....	21.01	21.76	32.24	36.18	63.10
Purchasing managers .....	22.23	22.48	29.43	33.57	44.10
Transportation, storage, and distribution managers .....	24.33	35.18	35.18	39.79	47.64
Construction managers .....	25.39	28.85	35.19	39.66	46.08
Education administrators .....	25.31	32.66	41.10	49.83	58.27
Education administrators, preschool and child care center/program .....	14.42	15.30	21.38	26.48	37.60
Education administrators, elementary and secondary school ..	32.68	38.27	44.62	51.60	58.49
Education administrators, postsecondary .....	21.94	26.34	33.78	46.47	58.64
Engineering managers .....	35.62	40.38	51.20	52.89	61.07
Food service managers .....	17.31	17.80	22.78	28.00	30.00
Medical and health services managers .....	23.08	29.32	38.03	52.05	79.33
Natural sciences managers .....	16.89	24.61	31.07	49.35	51.21
Property, real estate, and community association managers .....	17.07	18.93	22.29	28.13	31.92
Social and community service managers .....	21.81	25.75	30.73	35.06	40.19
<b>Business and financial operations occupations</b> .....	15.76	18.88	23.66	29.21	35.94
Buyers and purchasing agents .....	19.50	20.43	24.48	29.72	35.38
Purchasing agents, except wholesale, retail, and farm products .....	19.50	20.43	23.71	29.72	32.24
Claims adjusters, appraisers, examiners, and investigators .....	17.58	21.69	24.89	29.15	36.12
Claims adjusters, examiners, and investigators .....	17.58	21.69	24.89	29.15	36.12
Compliance officers, except agriculture, construction, health and safety, and transportation .....	14.17	17.02	19.76	24.92	29.92
Emergency management specialists .....	18.20	18.20	35.51	48.10	48.10
Human resources, training, and labor relations specialists .....	14.81	18.03	22.95	31.50	39.02
Employment, recruitment, and placement specialists .....	13.17	14.67	16.27	20.42	22.95
Compensation, benefits, and job analysis specialists .....	18.17	21.60	23.27	33.81	38.90
Training and development specialists .....	16.76	19.43	26.29	36.83	42.47
Management analysts .....	18.44	20.11	23.36	32.64	37.52
Meeting and convention planners .....	17.71	20.79	22.16	30.23	34.02
Accountants and auditors .....	17.30	19.41	23.95	28.42	34.48
Appraisers and assessors of real estate .....	11.83	15.45	20.22	27.92	34.02
Budget analysts .....	22.25	24.40	27.39	29.93	33.78
Financial analysts and advisors .....	16.03	19.93	23.51	26.01	34.03

See footnotes at end of table.

Table 22

**Full-time State and local government workers: Hourly wage percentiles<sup>1</sup> — Continued**

Occupation <sup>2</sup>	Wages fall at or below the following percentiles				
	10	25	50	75	90
<b>Business and financial operations occupations —Continued</b>					
Financial analysts .....	\$19.07	\$20.19	\$23.60	\$29.30	\$34.03
Insurance underwriters .....	13.46	18.05	23.75	23.92	25.23
Financial examiners .....	17.81	18.21	24.43	36.38	40.58
Loan counselors and officers .....	17.46	20.87	21.76	24.14	30.83
Loan counselors .....	17.46	20.87	21.76	24.14	30.83
Tax examiners, collectors, preparers, and revenue agents .....	13.03	15.22	19.59	25.93	31.90
Tax examiners, collectors, and revenue agents .....	13.09	15.22	19.68	25.93	32.27
<b>Computer and mathematical science occupations</b>					
Computer programmers .....	18.03	21.79	26.46	32.81	38.17
Computer software engineers .....	20.06	23.50	30.00	34.93	40.46
Computer software engineers, applications .....	18.40	23.30	31.74	35.46	37.30
Computer software engineers, systems software .....	18.10	21.40	30.10	34.43	37.30
Computer support specialists .....	26.15	33.20	33.20	35.85	37.06
Computer support specialists .....	15.40	18.75	21.92	25.74	28.86
Computer systems analysts .....	20.90	25.41	30.47	36.40	42.24
Database administrators .....	19.59	25.01	30.26	34.10	36.77
Network and computer systems administrators .....	19.09	22.34	26.97	30.80	39.33
Network systems and data communications analysts .....	18.38	22.05	27.26	33.36	36.62
Operations research analysts .....	24.41	26.20	26.20	26.20	32.89
<b>Architecture and engineering occupations</b>					
Architects, except naval .....	17.71	22.40	28.93	35.29	43.29
Architects, except naval .....	28.63	31.20	32.32	32.40	42.64
Architects, except landscape and naval .....	29.54	31.20	32.40	34.52	42.64
Surveyors, cartographers, and photogrammetrists .....	18.84	23.79	24.65	31.77	39.49
Surveyors .....	20.39	24.65	31.77	35.29	43.90
Engineers .....	24.16	28.13	31.48	40.42	45.91
Civil engineers .....	24.50	26.88	31.83	39.60	44.24
Electrical and electronics engineers .....	25.69	29.60	34.35	41.70	42.40
Electrical engineers .....	25.69	25.76	31.19	35.14	44.30
Environmental engineers .....	22.73	26.50	29.37	36.50	44.00
Industrial engineers, including health and safety .....	20.93	27.56	33.11	37.94	49.81
Drafters .....	17.25	18.42	24.14	27.96	30.17
Architectural and civil drafters .....	15.97	22.16	25.36	30.17	30.17
Engineering technicians, except drafters .....	14.61	17.59	21.25	25.79	30.34
Civil engineering technicians .....	13.61	16.53	20.58	24.85	28.13
Electrical and electronic engineering technicians .....	19.38	19.91	27.31	33.35	37.55
Surveying and mapping technicians .....	14.25	17.08	20.88	24.86	28.19
<b>Life, physical, and social science occupations</b>					
Life scientists .....	15.93	19.02	24.49	32.32	41.33
Life scientists .....	16.35	17.78	20.52	24.97	33.14
Agricultural and food scientists .....	15.75	15.95	16.70	17.11	22.38
Biological scientists .....	17.72	19.93	23.50	27.36	33.16
Zoologists and wildlife biologists .....	18.05	20.79	23.50	23.73	32.00
Conservation scientists and foresters .....	12.70	19.90	24.67	28.70	31.71

See footnotes at end of table.

**Table 22**

**Full-time State and local government workers: Hourly wage percentiles<sup>1</sup> — Continued**

Occupation <sup>2</sup>	Wages fall at or below the following percentiles				
	10	25	50	75	90
<b>Life, physical, and social science occupations —Continued</b>					
Conservation scientists .....	\$12.70	\$19.90	\$24.67	\$26.57	\$30.35
Foresters .....	19.90	24.27	31.71	40.80	60.13
Medical scientists .....	16.35	18.74	20.16	28.30	35.32
Physical scientists .....	18.96	23.00	26.29	33.35	40.37
Chemists and materials scientists .....	21.34	26.07	26.07	28.19	31.65
Chemists .....	21.34	26.07	26.07	28.19	31.65
Environmental scientists and geoscientists .....	18.98	22.47	27.64	36.05	40.37
Environmental scientists and specialists, including health ..	18.14	21.93	27.65	36.69	40.37
Psychologists .....	24.30	27.72	34.49	43.08	53.86
Clinical, counseling, and school psychologists .....	24.30	27.12	34.04	44.45	54.21
Urban and regional planners .....	22.12	24.39	30.53	36.39	40.17
Agricultural and food science technicians .....	9.14	10.29	14.67	19.02	22.87
Biological technicians .....	13.98	16.59	20.68	21.98	24.15
Chemical technicians .....	17.57	18.65	22.44	22.80	24.18
Miscellaneous life, physical, and social science technicians .....	13.58	15.94	18.62	24.06	30.52
Environmental science and protection technicians, including health .....	12.54	16.92	21.63	27.98	31.69
Forensic science technicians .....	18.03	22.44	25.28	30.52	34.83
Forest and conservation technicians .....	11.63	15.00	16.79	18.47	20.86
<b>Community and social services occupations .....</b>	14.47	16.85	21.12	28.62	38.43
Counselors .....	16.00	19.91	26.60	37.95	47.68
Substance abuse and behavioral disorder counselors .....	15.63	16.50	23.25	37.05	46.49
Educational, vocational, and school counselors .....	18.36	24.00	33.44	42.11	50.54
Mental health counselors .....	14.42	16.00	19.01	22.58	28.08
Rehabilitation counselors .....	14.81	17.02	20.89	25.91	28.29
Social workers .....	14.75	16.75	20.32	26.40	32.86
Child, family, and school social workers .....	15.08	17.12	20.48	28.07	36.46
Medical and public health social workers .....	14.75	15.74	17.62	22.06	27.75
Mental health and substance abuse social workers .....	13.12	15.45	17.81	23.93	29.34
Miscellaneous community and social service specialists .....	13.01	15.27	18.97	23.97	30.88
Health educators .....	16.61	18.23	22.47	25.76	30.49
Probation officers and correctional treatment specialists .....	14.54	17.32	21.69	26.54	34.67
Social and human service assistants .....	11.37	13.25	15.52	19.00	23.43
<b>Legal occupations .....</b>	16.81	21.28	29.45	42.27	58.52
Lawyers .....	22.95	28.76	35.72	47.41	57.71
Judges, magistrates, and other judicial workers .....	21.14	29.39	41.66	60.92	83.32
Administrative law judges, adjudicators, and hearing officers .....	23.04	28.10	32.66	42.45	60.92
Judges, magistrate judges, and magistrates .....	21.14	41.66	58.52	70.00	83.32
Paralegals and legal assistants .....	13.40	18.00	21.28	24.27	28.36
Miscellaneous legal support workers .....	14.91	17.27	20.09	25.55	31.18
Court reporters .....	13.20	16.07	22.91	26.60	40.95
Law clerks .....	18.65	20.09	21.53	23.68	28.83

See footnotes at end of table.

Table 22

**Full-time State and local government workers: Hourly wage percentiles<sup>1</sup> — Continued**

Occupation <sup>2</sup>	Wages fall at or below the following percentiles				
	10	25	50	75	90
<b>Education, training, and library occupations</b> .....	\$13.81	\$23.71	\$31.67	\$41.36	\$53.40
Postsecondary teachers .....	23.21	31.08	41.76	57.59	77.40
Business teachers, postsecondary .....	41.03	55.24	68.07	71.16	92.16
Math and computer teachers, postsecondary .....	28.55	33.43	41.67	52.75	61.54
Computer science teachers, postsecondary .....	30.52	37.05	59.17	70.47	98.54
Mathematical science teachers, postsecondary .....	28.53	32.91	37.35	47.69	54.99
Engineering and architecture teachers, postsecondary .....	23.86	31.26	47.29	63.23	82.50
Engineering teachers, postsecondary .....	23.21	31.26	46.64	63.23	83.18
Life sciences teachers, postsecondary .....	19.23	26.88	37.67	55.85	77.40
Biological science teachers, postsecondary .....	18.51	26.81	36.54	57.17	77.40
Physical sciences teachers, postsecondary .....	31.82	36.34	43.93	53.95	65.98
Atmospheric, earth, marine, and space sciences teachers, postsecondary .....	42.50	62.24	67.25	72.57	81.89
Chemistry teachers, postsecondary .....	30.18	39.44	44.40	53.95	64.44
Physics teachers, postsecondary .....	34.57	35.68	38.00	50.12	63.15
Social sciences teachers, postsecondary .....	31.80	32.60	39.83	53.63	76.09
Economics teachers, postsecondary .....	32.40	32.60	49.52	76.09	83.33
Political science teachers, postsecondary .....	30.45	32.28	34.07	40.14	49.45
Psychology teachers, postsecondary .....	27.97	37.73	38.74	38.95	42.49
Sociology teachers, postsecondary .....	35.95	41.36	52.69	61.03	80.00
Health teachers, postsecondary .....	25.10	30.45	42.33	72.58	111.71
Health specialties teachers, postsecondary .....	29.23	39.82	55.59	80.77	126.72
Nursing instructors and teachers, postsecondary .....	23.76	27.12	29.91	38.58	50.73
Education and library science teachers, postsecondary .....	21.84	27.88	31.75	39.50	49.43
Education teachers, postsecondary .....	21.84	27.88	31.75	39.50	49.43
Law, criminal justice, and social work teachers, postsecondary .....	38.19	64.26	84.49	102.69	168.38
Law teachers, postsecondary .....	58.92	76.29	87.83	109.62	168.38
Arts, communications, and humanities teachers, postsecondary .....	30.10	35.92	41.79	52.01	65.18
Art, drama, and music teachers, postsecondary .....	32.72	35.39	41.32	50.77	65.64
Communications teachers, postsecondary .....	31.08	31.08	39.20	40.94	43.41
English language and literature teachers, postsecondary ....	28.25	32.69	40.65	48.71	59.29
Foreign language and literature teachers, postsecondary ....	27.04	37.19	43.58	48.48	64.17
History teachers, postsecondary .....	34.75	37.30	45.20	57.38	67.23
Miscellaneous postsecondary teachers .....	19.58	25.66	37.05	48.88	63.49
Recreation and fitness studies teachers, postsecondary .....	18.90	22.23	33.69	43.94	44.44
Vocational education teachers, postsecondary .....	19.83	19.83	26.91	40.98	55.88
Primary, secondary, and special education school teachers .....	23.45	27.63	33.29	41.65	51.72
Preschool and kindergarten teachers .....	20.47	25.43	30.63	37.65	49.39
Preschool teachers, except special education .....	12.60	18.37	28.03	33.39	44.99
Kindergarten teachers, except special education .....	23.45	26.35	31.47	39.00	50.10
Elementary and middle school teachers .....	23.38	27.54	33.34	41.76	51.71
Elementary school teachers, except special education .....	23.38	27.59	33.36	41.90	51.64

See footnotes at end of table.

Table 22

**Full-time State and local government workers: Hourly wage percentiles<sup>1</sup> — Continued**

Occupation <sup>2</sup>	Wages fall at or below the following percentiles				
	10	25	50	75	90
<b>Education, training, and library occupations —Continued</b>					
Middle school teachers, except special and vocational education .....	\$23.29	\$27.44	\$33.28	\$41.27	\$51.86
Secondary school teachers .....	24.03	28.05	33.63	41.66	51.40
Secondary school teachers, except special and vocational education .....	24.01	28.06	33.83	41.87	52.01
Vocational education teachers, secondary school .....	24.30	27.84	32.07	40.46	46.29
Special education teachers .....	23.90	27.83	33.36	42.14	53.08
Special education teachers, preschool, kindergarten, and elementary school .....	24.00	28.02	33.41	42.07	52.92
Special education teachers, middle school .....	24.73	28.36	33.27	42.41	52.13
Special education teachers, secondary school .....	23.84	27.26	33.36	42.03	54.50
Other teachers and instructors .....	22.15	28.85	39.00	52.28	64.20
Adult literacy, remedial education, and GED teachers and instructors .....	16.80	23.87	31.96	40.41	60.67
Self-enrichment education teachers .....	22.32	26.68	30.64	44.48	52.28
Archivists, curators, and museum technicians .....	14.04	16.09	21.86	31.90	36.26
Curators .....	18.60	19.43	24.42	29.32	31.90
Librarians .....	16.33	21.14	25.16	34.50	42.46
Library technicians .....	10.78	12.57	14.28	17.64	22.02
Farm and home management advisors .....	15.02	16.30	17.63	22.81	22.81
Instructional coordinators .....	22.89	25.12	32.27	39.38	45.62
Teacher assistants .....	9.09	10.39	12.12	14.64	18.17
<b>Arts, design, entertainment, sports, and media occupations .....</b>					
Designers .....	14.98	17.25	20.19	23.98	31.92
Graphic designers .....	19.23	23.52	27.11	44.38	44.38
Actors, producers, and directors .....	19.23	23.52	27.11	44.38	44.38
Producers and directors .....	15.00	15.00	18.54	22.79	29.28
Athletes, coaches, umpires, and related workers .....	15.00	15.00	18.54	22.79	29.28
Coaches and scouts .....	15.39	15.76	18.75	27.64	47.83
Coaches and scouts .....	15.39	15.76	18.75	27.64	47.83
Public relations specialists .....	15.31	18.73	22.15	27.46	31.92
Writers and editors .....	19.22	20.34	22.02	26.60	32.00
Miscellaneous media and communication workers .....	9.78	13.70	18.51	23.69	34.12
Interpreters and translators .....	9.34	9.78	20.05	23.69	34.12
Broadcast and sound engineering technicians and radio operators .....	15.50	16.54	18.17	20.09	22.70
Audio and video equipment technicians .....	14.98	16.35	19.58	21.79	23.08
<b>Healthcare practitioner and technical occupations .....</b>					
Dietitians and nutritionists .....	13.13	17.31	23.34	30.54	40.66
Dietitians and nutritionists .....	14.80	16.92	21.71	25.00	28.18
Pharmacists .....	41.32	44.56	47.68	49.77	52.40
Physicians and surgeons .....	11.19	18.17	23.56	70.11	86.54
Family and general practitioners .....	10.77	11.19	40.19	86.54	117.80
Psychiatrists .....	31.09	66.73	70.37	77.20	94.24

See footnotes at end of table.

**Table 22**

**Full-time State and local government workers: Hourly wage percentiles<sup>1</sup> — Continued**

Occupation <sup>2</sup>	Wages fall at or below the following percentiles				
	10	25	50	75	90
<b>Healthcare practitioner and technical occupations —Continued</b>					
Registered nurses .....	\$20.10	\$23.17	\$27.28	\$33.32	\$41.16
Therapists .....	22.14	26.32	31.18	38.45	47.66
Occupational therapists .....	23.90	28.61	33.61	43.95	52.83
Physical therapists .....	24.50	30.00	33.42	36.37	45.64
Recreational therapists .....	12.50	13.30	17.69	26.60	27.27
Respiratory therapists .....	22.65	25.32	26.59	26.85	30.39
Speech-language pathologists .....	24.30	28.89	35.39	41.42	49.78
Clinical laboratory technologists and technicians .....	12.98	15.82	19.00	21.82	24.70
Medical and clinical laboratory technologists .....	14.00	16.38	20.61	23.88	25.66
Medical and clinical laboratory technicians .....	12.78	15.60	18.89	20.89	22.48
Diagnostic related technologists and technicians .....	18.13	21.20	24.09	28.04	33.23
Radiologic technologists and technicians .....	19.06	21.95	24.16	27.28	32.19
Emergency medical technicians and paramedics .....	9.23	12.14	16.81	20.42	25.05
Health diagnosing and treating practitioner support technicians	10.98	12.27	14.69	19.13	22.27
Pharmacy technicians .....	11.34	11.88	13.41	16.48	20.07
Psychiatric technicians .....	10.27	11.73	17.68	21.28	23.22
Surgical technologists .....	14.06	14.56	15.41	16.98	18.25
Veterinary technologists and technicians .....	12.83	13.00	14.25	14.84	15.62
Licensed practical and licensed vocational nurses .....	12.88	14.20	16.06	18.64	21.63
Medical records and health information technicians .....	10.96	12.77	15.95	17.82	20.02
Miscellaneous health technologists and technicians .....	10.24	11.30	17.40	17.40	20.89
Occupational health and safety specialists and technicians .....	14.69	16.42	23.37	28.26	32.85
Occupational health and safety specialists .....	14.69	16.35	23.02	27.71	34.38
Miscellaneous healthcare practitioner and technical workers .....	13.13	13.13	14.64	20.18	23.36
Athletic trainers .....	13.13	13.13	14.64	20.18	23.36
<b>Healthcare support occupations .....</b>	<b>8.57</b>	<b>9.93</b>	<b>12.12</b>	<b>15.02</b>	<b>18.02</b>
Nursing, psychiatric, and home health aides .....	8.50	9.55	11.54	14.56	16.98
Home health aides .....	8.30	9.00	10.18	12.62	16.12
Nursing aides, orderlies, and attendants .....	8.25	9.09	10.64	13.24	16.01
Psychiatric aides .....	9.52	10.98	13.65	16.38	18.22
Occupational therapist assistants and aides .....	10.56	13.04	18.38	23.35	25.49
Physical therapist assistants and aides .....	12.03	12.03	18.54	24.04	28.83
Miscellaneous healthcare support occupations .....	9.48	11.09	13.51	16.44	20.77
Dental assistants .....	11.85	13.55	15.00	16.78	21.43
Medical assistants .....	9.66	11.90	13.52	15.27	18.22
Medical equipment preparers .....	12.22	12.82	18.29	20.07	24.99
Medical transcriptionists .....	11.01	11.01	11.95	18.06	19.57
<b>Protective service occupations .....</b>	<b>12.82</b>	<b>15.69</b>	<b>21.09</b>	<b>28.07</b>	<b>34.55</b>
First-line supervisors/managers, law enforcement workers .....	18.88	24.27	31.72	40.55	46.34
First-line supervisors/managers of correctional officers .....	15.17	18.66	24.23	30.21	40.51
First-line supervisors/managers of police and detectives .....	20.62	26.71	34.10	42.25	47.11

See footnotes at end of table.

Table 22

**Full-time State and local government workers: Hourly wage percentiles<sup>1</sup> — Continued**

Occupation <sup>2</sup>	Wages fall at or below the following percentiles				
	10	25	50	75	90
<b>Protective service occupations –Continued</b>					
First-line supervisors/managers of fire fighting and prevention workers .....	\$15.52	\$20.17	\$25.79	\$31.03	\$39.13
Fire fighters .....	11.65	14.90	19.68	24.35	30.44
Fire inspectors .....	18.29	21.04	21.04	25.33	32.92
Fire inspectors and investigators .....	18.29	21.04	21.04	25.15	31.27
Bailiffs, correctional officers, and jailers .....	12.19	13.78	16.74	22.39	28.82
Bailiffs .....	13.98	19.60	24.36	32.03	32.12
Correctional officers and jailers .....	12.19	13.78	16.72	22.02	28.47
Detectives and criminal investigators .....	15.44	17.70	25.86	32.91	40.41
Fish and game wardens .....	18.32	21.55	23.07	23.07	27.31
Parking enforcement workers .....	10.70	11.66	14.10	16.82	23.74
Police officers .....	15.12	19.32	25.11	30.50	35.63
Police and sheriff's patrol officers .....	15.12	19.32	25.11	30.50	35.63
Animal control workers .....	9.36	11.70	12.96	14.42	20.96
Security guards and gaming surveillance officers .....	10.71	12.05	14.83	18.45	21.66
Security guards .....	10.71	12.03	14.79	18.41	21.66
Miscellaneous protective service workers .....	10.79	13.45	16.29	21.88	24.35
Lifeguards, ski patrol, and other recreational protective service workers .....	6.02	15.59	20.53	24.35	24.35
<b>Food preparation and serving related occupations .....</b>	<b>7.72</b>	<b>9.21</b>	<b>11.22</b>	<b>14.74</b>	<b>18.39</b>
First-line supervisors/managers, food preparation and serving workers .....	9.83	12.49	15.74	18.61	22.39
First-line supervisors/managers of food preparation and serving workers .....	9.83	12.53	15.86	18.61	24.20
Cooks .....	7.50	9.10	10.94	13.28	17.73
Cooks, institution and cafeteria .....	7.46	9.02	11.00	13.46	17.75
Food preparation workers .....	8.40	9.78	11.71	13.57	15.17
Food service, tipped .....	7.00	7.85	8.65	10.06	12.97
Dining room and cafeteria attendants and bartender helpers ..	8.00	9.14	9.91	11.83	16.15
Fast food and counter workers .....	7.52	9.00	10.04	12.25	15.22
Combined food preparation and serving workers, including fast food .....	7.55	9.09	10.28	12.25	15.02
Counter attendants, cafeteria, food concession, and coffee shop .....	7.49	8.83	9.33	12.41	16.19
Food servers, nonrestaurant .....	7.25	8.09	12.56	14.95	16.00
<b>Building and grounds cleaning and maintenance occupations .....</b>	<b>8.55</b>	<b>10.26</b>	<b>13.07</b>	<b>16.60</b>	<b>20.22</b>
First-line supervisors/managers, building and grounds cleaning and maintenance workers .....	14.56	16.46	18.34	21.16	29.42
First-line supervisors/managers of housekeeping and janitorial workers .....	14.56	16.40	18.34	21.15	33.77
First-line supervisors/managers of landscaping, lawn service, and groundskeeping workers .....	14.80	17.61	19.03	22.41	25.51

See footnotes at end of table.

Table 22

**Full-time State and local government workers: Hourly wage percentiles<sup>1</sup> — Continued**

Occupation <sup>2</sup>	Wages fall at or below the following percentiles				
	10	25	50	75	90
<b>Building and grounds cleaning and maintenance occupations</b>					
–Continued					
Building cleaning workers .....	\$8.40	\$9.90	\$12.43	\$15.52	\$18.69
Janitors and cleaners, except maids and housekeeping cleaners .....	8.40	10.00	12.63	15.67	18.81
Maids and housekeeping cleaners .....	7.59	8.67	10.03	11.83	14.02
Pest control workers .....	10.00	12.00	13.26	18.29	20.55
Grounds maintenance workers .....	9.50	11.04	14.26	18.57	22.27
Landscaping and groundskeeping workers .....	9.54	11.06	14.11	17.50	22.27
Tree trimmers and pruners .....	18.57	18.57	18.57	23.32	25.36
<b>Personal care and service occupations</b> .....	7.85	10.06	13.70	16.90	20.42
First-line supervisors/managers of gaming workers .....	8.91	10.91	11.75	19.82	26.00
First-line supervisors/managers of personal service workers .....	13.46	16.69	16.90	16.90	21.76
Gaming services workers .....	5.15	5.40	7.50	11.81	12.83
Gaming dealers .....	5.15	5.15	5.90	7.50	8.09
Transportation attendants .....	7.98	8.62	10.59	14.49	19.13
Transportation attendants, except flight attendants and baggage porters .....	7.98	8.62	10.59	14.49	19.13
Child care workers .....	8.23	10.78	13.00	14.42	18.41
Personal and home care aides .....	7.85	9.50	11.21	14.32	14.32
Recreation and fitness workers .....	9.48	12.16	14.80	18.30	21.13
Recreation workers .....	9.48	12.16	14.80	18.30	21.13
<b>Sales and related occupations</b> .....	9.86	11.74	15.97	20.18	24.35
First-line supervisors/managers, sales workers .....	15.97	16.34	19.90	22.91	25.23
First-line supervisors/managers of retail sales workers .....	15.97	16.34	19.90	22.91	25.23
Retail sales workers .....	9.56	11.13	14.00	17.93	20.64
Cashiers, all workers .....	9.53	11.00	13.82	17.93	20.59
Cashiers .....	9.78	11.13	14.08	17.93	20.59
<b>Office and administrative support occupations</b> .....	10.94	12.77	15.75	19.07	22.71
First-line supervisors/managers of office and administrative support workers .....	13.77	16.11	19.38	22.16	26.52
Switchboard operators, including answering service .....	8.86	9.13	12.26	16.79	22.66
Financial clerks .....	11.38	13.40	16.60	19.56	22.01
Bill and account collectors .....	8.98	11.26	13.47	15.96	20.72
Billing and posting clerks and machine operators .....	9.67	11.65	14.70	17.65	21.72
Bookkeeping, accounting, and auditing clerks .....	11.63	13.70	16.96	19.69	22.01
Payroll and timekeeping clerks .....	13.64	15.74	18.13	20.52	23.66
Procurement clerks .....	11.16	11.58	16.56	20.64	23.72
Court, municipal, and license clerks .....	11.03	12.64	15.37	18.45	23.39
Customer service representatives .....	10.97	12.73	15.37	17.80	19.31
Eligibility interviewers, government programs .....	12.23	14.32	16.58	19.10	21.56
File clerks .....	10.60	12.05	13.64	17.31	18.95

See footnotes at end of table.

Table 22

**Full-time State and local government workers: Hourly wage percentiles<sup>1</sup> — Continued**

Occupation <sup>2</sup>	Wages fall at or below the following percentiles				
	10	25	50	75	90
<b>Office and administrative support occupations —Continued</b>					
Interviewers, except eligibility and loan .....	\$9.31	\$10.23	\$12.43	\$14.11	\$16.48
Library assistants, clerical .....	9.81	11.30	12.69	15.45	18.71
Human resources assistants, except payroll and timekeeping .....	11.78	13.49	17.49	21.58	23.33
Receptionists and information clerks .....	9.98	11.00	13.31	16.13	19.45
Dispatchers .....	10.58	12.88	16.34	21.13	26.38
Police, fire, and ambulance dispatchers .....	10.28	12.77	15.97	20.30	25.76
Dispatchers, except police, fire, and ambulance .....	11.95	14.20	24.67	26.57	32.86
Meter readers, utilities .....	8.42	10.66	15.36	19.55	21.37
Production, planning, and expediting clerks .....	13.17	14.21	14.87	17.19	22.66
Shipping, receiving, and traffic clerks .....	10.48	11.27	13.10	15.28	19.32
Stock clerks and order fillers .....	9.97	12.25	16.14	17.60	19.29
Weighers, measurers, checkers, and samplers, recordkeeping .....	13.95	13.99	14.77	16.92	17.66
Secretaries and administrative assistants .....	11.54	13.72	16.53	20.02	24.01
Executive secretaries and administrative assistants .....	12.70	15.06	18.11	21.59	25.91
Legal secretaries .....	11.54	14.42	18.52	21.95	27.41
Medical secretaries .....	10.15	11.94	14.00	15.59	20.54
Secretaries, except legal, medical, and executive .....	11.13	12.89	15.46	18.60	21.73
Computer operators .....	10.35	10.35	11.16	15.18	19.87
Data entry and information processing workers .....	11.06	12.58	15.38	17.60	20.49
Data entry keyers .....	9.99	12.53	15.02	18.05	26.45
Word processors and typists .....	11.42	12.75	15.58	17.26	20.00
Insurance claims and policy processing clerks .....	10.75	12.05	18.44	19.83	22.53
Mail clerks and mail machine operators, except postal service ..	9.90	10.26	11.85	13.85	13.97
Office clerks, general .....	10.39	12.19	14.50	17.46	20.01
Statistical assistants .....	14.64	19.60	19.92	22.81	23.84
<b>Farming, fishing, and forestry occupations .....</b>	<b>12.16</b>	<b>13.48</b>	<b>17.53</b>	<b>20.57</b>	<b>24.48</b>
<b>Construction and extraction occupations .....</b>	<b>11.62</b>	<b>13.61</b>	<b>17.39</b>	<b>22.52</b>	<b>28.72</b>
First-line supervisors/managers of construction trades and extraction workers .....	15.13	17.05	21.81	27.12	30.02
Carpenters .....	12.54	13.46	17.37	22.43	30.24
Construction laborers .....	9.05	10.77	15.92	25.26	29.98
Construction equipment operators .....	11.24	12.89	15.44	19.11	23.42
Paving, surfacing, and tamping equipment operators .....	10.91	11.46	12.37	16.89	25.87
Operating engineers and other construction equipment operators .....	11.31	12.92	15.75	19.14	23.36
Electricians .....	17.55	20.50	23.16	27.29	36.30
Painters and paperhangers .....	12.63	15.57	19.66	35.00	35.00
Painters, construction and maintenance .....	12.63	15.57	19.66	35.00	35.00
Pipelayers, plumbers, pipefitters, and steamfitters .....	12.38	13.90	17.62	25.34	29.91
Pipelayers .....	9.64	11.62	12.90	14.70	16.40
Plumbers, pipefitters, and steamfitters .....	12.46	15.26	21.31	25.63	34.10
Helpers, construction trades .....	8.93	12.38	16.05	18.61	23.08

See footnotes at end of table.

Table 22

**Full-time State and local government workers: Hourly wage percentiles<sup>1</sup> — Continued**

Occupation <sup>2</sup>	Wages fall at or below the following percentiles				
	10	25	50	75	90
<b>Construction and extraction occupations —Continued</b>					
Construction and building inspectors .....	\$15.10	\$17.49	\$21.10	\$26.69	\$31.61
Highway maintenance workers .....	11.50	12.50	15.26	18.75	21.46
Septic tank servicers and sewer pipe cleaners .....	12.13	13.60	17.27	25.17	26.58
Miscellaneous construction and related workers .....	9.37	15.04	21.16	26.24	26.89
<b>Installation, maintenance, and repair occupations</b>					
First-line supervisors/managers of mechanics, installers, and repairers .....	12.56	15.49	19.34	24.29	29.86
Radio and telecommunications equipment installers and repairers .....	17.63	20.17	26.97	30.15	36.15
Miscellaneous electrical and electronic equipment mechanics, installers, and repairers .....	19.74	20.63	26.65	27.77	31.90
Electrical and electronics repairers, commercial and industrial equipment .....	15.69	18.16	24.02	31.01	36.51
Electrical and electronics repairers, powerhouse, substation, and relay .....	12.49	17.57	23.63	25.14	34.23
Automotive technicians and repairers .....	17.78	18.16	25.41	33.58	44.58
Automotive service technicians and mechanics .....	13.63	15.62	19.00	21.97	26.71
Bus and truck mechanics and diesel engine specialists .....	13.63	15.46	19.00	21.30	26.25
Heavy vehicle and mobile equipment service technicians and mechanics .....	12.93	15.95	19.92	25.67	28.09
Mobile heavy equipment mechanics, except engines .....	14.57	17.80	22.09	25.70	34.78
Control and valve installers and repairers .....	14.57	14.57	20.69	22.78	34.78
Control and valve installers and repairers, except mechanical door .....	11.21	11.75	15.27	19.21	23.17
Heating, air conditioning, and refrigeration mechanics and installers .....	11.21	11.75	15.27	19.21	23.17
Industrial machinery installation, repair, and maintenance workers .....	15.56	17.00	21.88	24.90	41.16
Industrial machinery mechanics .....	11.82	14.33	17.87	21.91	27.42
Maintenance and repair workers, general .....	16.76	18.54	26.26	31.66	33.40
Line installers and repairers .....	11.63	14.04	17.41	20.93	26.06
Electrical power-line installers and repairers .....	13.96	19.73	25.78	30.06	32.47
Miscellaneous installation, maintenance, and repair workers .....	13.96	22.38	25.80	30.35	32.47
Helpers--installation, maintenance, and repair workers .....	11.75	14.62	17.38	22.07	27.47
<b>Production occupations</b> .....	10.38	12.09	13.34	18.59	19.22
First-line supervisors/managers of production and operating workers .....	12.17	14.61	19.02	23.71	30.46
Welding, soldering, and brazing workers .....	14.61	15.68	19.36	23.93	31.57
Welders, cutters, solderers, and brazers .....	14.43	19.65	25.83	27.00	46.67
Laundry and dry-cleaning workers .....	14.43	19.65	25.67	27.00	46.67
Power plant operators, distributors, and dispatchers .....	7.57	9.17	11.51	13.65	16.52
Power plant operators .....	14.46	19.55	25.49	28.48	33.28
	14.46	19.33	25.84	28.48	33.64

See footnotes at end of table.

Table 22

**Full-time State and local government workers: Hourly wage percentiles<sup>1</sup> — Continued**

Occupation <sup>2</sup>	Wages fall at or below the following percentiles				
	10	25	50	75	90
<b>Production occupations —Continued</b>					
Stationary engineers and boiler operators .....	\$15.89	\$20.44	\$22.02	\$31.24	\$37.69
Water and liquid waste treatment plant and system operators ....	12.37	14.22	17.69	21.40	25.14
Inspectors, testers, sorters, samplers, and weighers .....	13.74	15.43	18.01	21.02	26.85
Miscellaneous production workers .....	8.70	10.12	13.96	15.82	16.63
<b>Transportation and material moving occupations .....</b>					
First-line supervisors/managers of helpers, laborers, and material movers, hand .....	11.01	13.12	16.94	22.43	26.60
First-line supervisors/managers of transportation and material-moving machine and vehicle operators .....	18.90	20.89	21.64	25.64	27.66
Bus drivers .....	8.42	14.67	21.66	26.50	30.98
Bus drivers, transit and intercity .....	11.15	13.35	16.58	21.77	25.56
Bus drivers, school .....	13.84	17.69	22.73	25.33	26.01
Driver/sales workers and truck drivers .....	10.74	12.38	14.93	17.93	21.04
Truck drivers, heavy and tractor-trailer .....	11.71	13.28	15.75	20.06	23.91
Truck drivers, light or delivery services .....	11.57	13.48	16.18	20.34	25.24
Taxi drivers and chauffeurs .....	11.84	12.78	14.79	19.46	21.15
Subway and streetcar operators .....	9.84	10.76	12.16	13.50	16.75
Transportation inspectors .....	18.80	23.54	26.55	27.68	27.68
Dredge, excavating, and loading machine operators .....	17.75	21.75	25.79	28.90	32.15
Excavating and loading machine and dragline operators .....	11.00	13.00	16.24	20.37	21.25
Industrial truck and tractor operators .....	11.00	13.00	16.24	20.37	21.25
Laborers and material movers, hand .....	11.15	12.30	14.79	19.91	22.95
Laborers and freight, stock, and material movers, hand .....	9.46	11.55	12.14	16.09	19.70
Refuse and recyclable material collectors .....	9.36	11.25	12.14	16.09	19.56
	10.84	12.00	16.70	28.00	28.70

<sup>1</sup> Percentiles designate position in the earnings distribution and are calculated from individual worker earnings and the hours they are scheduled to work. See appendix A for more information.

<sup>2</sup> A classification system including about 800 individual occupations is used to cover all workers in the civilian economy. See appendix B for more information.

NOTE: Dashes indicate that data did not meet publication criteria. Overall occupational groups may include data for categories not shown separately.

SOURCE: Bureau of Labor Statistics, National Compensation Survey.

**Table 23**

**Part-time State and local government workers: Hourly wage percentiles<sup>1</sup>**

Occupation <sup>2</sup>	Wages fall at or below the following percentiles				
	10	25	50	75	90
<b>All workers</b> .....	\$7.50	\$9.38	\$12.21	\$17.07	\$26.50
<b>Management occupations</b> .....	11.07	17.33	25.02	38.85	65.33
Education administrators .....	14.88	20.36	28.70	45.75	87.82
Education administrators, elementary and secondary school ..	14.88	14.88	35.00	40.46	45.75
<b>Business and financial operations occupations</b> .....	15.00	16.44	22.55	26.13	38.60
<b>Computer and mathematical science occupations</b> .....	12.00	17.17	20.22	25.13	32.61
<b>Architecture and engineering occupations</b> .....	9.75	22.38	22.38	23.56	62.50
<b>Life, physical, and social science occupations</b> .....	11.54	15.35	19.17	28.35	39.74
Miscellaneous life, physical, and social science technicians .....	8.50	10.82	16.62	18.75	19.17
<b>Community and social services occupations</b> .....	10.66	14.05	19.67	24.13	31.43
Counselors .....	10.30	15.98	22.00	27.38	31.61
Educational, vocational, and school counselors .....	15.98	19.23	25.00	31.61	31.61
Social workers .....	12.75	16.42	20.60	24.13	27.02
Child, family, and school social workers .....	10.66	12.75	14.05	21.68	27.88
Miscellaneous community and social service specialists .....	9.50	12.02	14.65	23.40	40.86
<b>Legal occupations</b> .....	13.19	15.74	27.47	37.63	44.31
Lawyers .....	15.74	15.74	27.47	34.64	55.67
Judges, magistrates, and other judicial workers .....	31.20	33.49	37.63	40.97	40.97
<b>Education, training, and library occupations</b> .....	8.91	10.71	13.81	20.79	33.33
Postsecondary teachers .....	12.17	19.55	27.45	45.72	60.47
Business teachers, postsecondary .....	11.91	11.91	18.95	24.40	31.25
Math and computer teachers, postsecondary .....	23.74	26.55	35.37	36.11	44.17
Mathematical science teachers, postsecondary .....	20.86	28.90	32.50	36.58	44.17
Life sciences teachers, postsecondary .....	23.89	23.89	37.35	43.23	46.97
Biological science teachers, postsecondary .....	23.89	23.89	37.35	43.23	46.97
Social sciences teachers, postsecondary .....	14.42	26.56	34.47	59.50	60.61
Health teachers, postsecondary .....	20.30	24.31	29.30	64.62	64.62
Health specialties teachers, postsecondary .....	24.31	24.31	25.00	41.43	56.43
Education and library science teachers, postsecondary .....	10.00	11.00	14.24	18.58	26.82
Education teachers, postsecondary .....	10.00	11.00	14.24	18.58	26.82
Law, criminal justice, and social work teachers, postsecondary .....	11.73	27.34	42.19	45.00	47.62
Arts, communications, and humanities teachers, postsecondary .....	12.17	13.50	22.19	40.70	45.72
Art, drama, and music teachers, postsecondary .....	22.19	29.94	40.00	45.05	45.72
English language and literature teachers, postsecondary ....	12.17	12.17	13.50	21.98	45.00
Miscellaneous postsecondary teachers .....	14.56	20.00	28.05	45.85	56.16
Graduate teaching assistants .....	10.72	12.50	14.56	15.48	15.48

See footnotes at end of table.

Table 23

**Part-time State and local government workers: Hourly wage percentiles<sup>1</sup> — Continued**

Occupation <sup>2</sup>	Wages fall at or below the following percentiles				
	10	25	50	75	90
<b>Education, training, and library occupations —Continued</b>					
Vocational education teachers, postsecondary .....	\$20.00	\$20.50	\$27.04	\$43.46	\$50.88
Primary, secondary, and special education school teachers .....	10.29	11.54	16.24	27.13	38.46
Preschool and kindergarten teachers .....	12.65	16.48	23.71	30.92	36.06
Preschool teachers, except special education .....	12.65	13.96	23.71	31.51	36.06
Elementary and middle school teachers .....	10.00	10.91	14.29	21.88	32.55
Elementary school teachers, except special education .....	10.00	10.91	13.79	20.34	31.48
Middle school teachers, except special and vocational education .....	10.67	20.00	26.05	35.71	40.64
Secondary school teachers .....	10.59	12.86	17.72	31.07	44.77
Secondary school teachers, except special and vocational education .....	10.59	12.01	17.35	30.04	43.03
Vocational education teachers, secondary school .....	15.00	17.72	28.81	42.14	56.06
Special education teachers .....	10.71	23.35	29.14	42.45	52.69
Special education teachers, preschool, kindergarten, and elementary school .....	10.48	23.35	28.81	42.28	51.39
Other teachers and instructors .....	7.86	9.38	12.50	17.50	25.33
Adult literacy, remedial education, and GED teachers and instructors .....	14.35	21.80	25.60	32.23	47.93
Self-enrichment education teachers .....	17.18	18.00	21.00	39.18	60.00
Librarians .....	11.67	14.58	19.59	21.42	26.03
Library technicians .....	8.40	9.51	12.54	20.71	24.08
Instructional coordinators .....	22.18	24.04	27.05	31.03	31.03
Teacher assistants .....	9.20	10.50	12.29	14.86	18.48
<b>Arts, design, entertainment, sports, and media occupations</b> .....					
Athletes, coaches, umpires, and related workers .....	8.95	10.21	16.34	23.00	25.89
Athletes, coaches, umpires, and related workers .....	7.00	8.95	12.45	16.72	26.50
Coaches and scouts .....	8.95	10.00	14.98	23.99	29.96
Umpires, referees, and other sports officials .....	7.00	7.00	10.67	15.00	19.00
Miscellaneous media and communication workers .....	12.50	14.91	17.74	20.00	23.00
Interpreters and translators .....	12.50	14.00	16.59	23.00	23.00
<b>Healthcare practitioner and technical occupations</b> .....					
Physicians and surgeons .....	15.22	19.34	26.32	33.74	48.12
Physicians and surgeons .....	57.69	57.69	75.29	241.24	241.24
Registered nurses .....	19.15	23.37	28.38	35.17	45.89
Therapists .....	21.79	27.54	31.52	39.14	49.64
Occupational therapists .....	26.94	27.54	30.30	30.30	49.64
Speech-language pathologists .....	31.12	35.33	44.88	44.88	55.18
Diagnostic related technologists and technicians .....	10.98	19.34	25.49	29.10	30.24
Radiologic technologists and technicians .....	19.34	25.49	25.49	29.29	31.52
Emergency medical technicians and paramedics .....	9.70	11.02	13.24	16.94	18.50
Health diagnosing and treating practitioner support technicians .....	13.43	13.43	14.28	20.93	20.93
Licensed practical and licensed vocational nurses .....	14.42	15.50	18.60	19.49	27.20
<b>Healthcare support occupations</b> .....					
Healthcare support occupations .....	8.50	10.45	12.46	14.77	16.63

See footnotes at end of table.

Table 23

**Part-time State and local government workers: Hourly wage percentiles<sup>1</sup> — Continued**

Occupation <sup>2</sup>	Wages fall at or below the following percentiles				
	10	25	50	75	90
<b>Healthcare support occupations —Continued</b>					
Nursing, psychiatric, and home health aides .....	\$8.49	\$10.30	\$12.39	\$14.34	\$15.49
Nursing aides, orderlies, and attendants .....	8.11	10.25	11.39	13.08	15.49
Psychiatric aides .....	8.97	13.86	14.58	15.02	15.62
Miscellaneous healthcare support occupations .....	8.50	10.18	12.31	13.62	14.77
<b>Protective service occupations .....</b>					
Fire fighters .....	7.25	8.67	10.75	13.64	17.27
Bailiffs, correctional officers, and jailers .....	9.45	11.33	12.42	13.50	14.77
Correctional officers and jailers .....	11.33	13.16	15.09	17.49	17.49
Police officers .....	11.33	13.16	15.09	17.49	17.64
Police and sheriff's patrol officers .....	8.73	10.75	11.88	16.00	21.00
Security guards and gaming surveillance officers .....	8.73	10.75	11.88	16.00	21.00
Security guards .....	9.00	10.38	10.58	14.17	20.00
Miscellaneous protective service workers .....	9.00	10.38	10.58	14.17	20.00
Crossing guards .....	6.60	7.75	8.91	11.66	14.17
Lifeguards, ski patrol, and other recreational protective service workers .....	6.75	8.72	10.07	13.59	16.53
6.50	7.15	8.13	10.00	14.17	
<b>Food preparation and serving related occupations .....</b>					
Cooks .....	7.11	8.75	10.55	12.75	13.92
Cooks, institution and cafeteria .....	6.98	8.85	9.94	11.08	13.31
Cooks, institution and cafeteria .....	7.61	9.00	9.94	11.08	13.45
Food preparation workers .....	8.17	10.28	11.92	13.32	15.11
Food service, tipped .....	7.49	8.98	11.48	13.04	13.47
Dining room and cafeteria attendants and bartender helpers ..	8.37	9.44	11.76	13.04	13.50
Fast food and counter workers .....	7.91	9.90	10.90	12.96	14.44
Combined food preparation and serving workers, including fast food .....	8.39	9.93	11.03	13.27	14.44
Counter attendants, cafeteria, food concession, and coffee shop .....	6.88	8.17	10.06	12.01	13.56
Food servers, nonrestaurant .....	5.70	6.36	7.78	8.57	10.68
<b>Building and grounds cleaning and maintenance occupations</b>					
Building cleaning workers .....	6.51	7.50	9.00	11.15	13.18
Janitors and cleaners, except maids and housekeeping cleaners .....	7.00	7.75	9.53	11.68	13.90
Maids and housekeeping cleaners .....	7.25	8.00	9.58	12.13	14.15
Grounds maintenance workers .....	5.75	6.44	6.44	9.67	10.28
Landscaping and groundskeeping workers .....	6.51	7.15	8.06	9.26	10.15
7.00	7.85	8.38	9.70	11.01	
<b>Personal care and service occupations .....</b>					
First-line supervisors/managers of personal service workers .....	6.75	7.55	9.25	11.64	13.63
Ushers, lobby attendants, and ticket takers .....	9.51	10.15	11.49	12.00	14.00
Miscellaneous entertainment attendants and related workers .....	6.50	7.25	7.50	8.50	9.15
Amusement and recreation attendants .....	5.77	6.50	7.85	9.03	10.40
5.77	6.36	7.70	9.00	10.40	

See footnotes at end of table.

Table 23

**Part-time State and local government workers: Hourly wage percentiles<sup>1</sup> — Continued**

Occupation <sup>2</sup>	Wages fall at or below the following percentiles				
	10	25	50	75	90
<b>Personal care and service occupations</b> –Continued					
Transportation attendants .....	\$7.85	\$9.32	\$10.57	\$12.00	\$12.10
Transportation attendants, except flight attendants and baggage porters .....	7.85	9.32	10.57	12.00	12.10
Child care workers .....	7.15	8.50	11.34	13.04	13.50
Personal and home care aides .....	5.85	8.68	10.50	12.05	17.88
Recreation and fitness workers .....	7.28	8.25	9.24	11.55	15.60
Fitness trainers and aerobics instructors .....	7.34	9.70	10.00	13.00	15.00
Recreation workers .....	7.25	8.25	9.24	11.50	15.86
<b>Sales and related occupations</b> .....	7.00	7.25	9.56	11.00	13.00
Retail sales workers .....	7.00	7.25	9.56	11.00	13.00
Cashiers, all workers .....	6.75	7.75	9.56	11.00	13.00
Cashiers .....	6.75	7.75	9.56	11.00	13.00
<b>Office and administrative support occupations</b> .....	7.19	8.55	11.00	14.82	17.91
Financial clerks .....	9.75	13.00	17.04	18.92	19.90
Billing and posting clerks and machine operators .....	9.75	9.75	19.32	19.81	20.47
Bookkeeping, accounting, and auditing clerks .....	9.23	13.00	17.04	18.89	19.71
Court, municipal, and license clerks .....	7.00	8.00	11.78	16.01	17.90
File clerks .....	7.06	7.75	8.96	11.17	24.82
Interviewers, except eligibility and loan .....	8.52	9.21	10.14	11.05	11.50
Library assistants, clerical .....	6.95	7.94	10.00	11.71	14.81
Receptionists and information clerks .....	7.75	8.51	9.50	13.13	21.60
Couriers and messengers .....	5.15	5.15	5.15	10.15	13.59
Dispatchers .....	7.80	9.00	12.30	14.21	18.00
Police, fire, and ambulance dispatchers .....	7.80	9.00	9.00	12.55	15.85
Meter readers, utilities .....	7.76	9.00	10.00	10.00	10.00
Secretaries and administrative assistants .....	9.00	11.42	15.08	16.80	18.33
Executive secretaries and administrative assistants .....	11.86	15.08	15.08	16.96	17.70
Secretaries, except legal, medical, and executive .....	7.00	9.00	12.50	16.80	20.03
Data entry and information processing workers .....	10.36	12.00	15.72	17.40	24.26
Word processors and typists .....	10.89	12.00	16.12	17.39	21.16
Office clerks, general .....	7.60	9.63	11.89	14.11	17.15
<b>Farming, fishing, and forestry occupations</b> .....	7.50	8.20	17.43	17.43	17.43
<b>Construction and extraction occupations</b> .....	9.00	9.60	11.25	12.77	21.31
Construction laborers .....	7.00	8.50	9.60	9.88	10.00
Construction and building inspectors .....	12.15	12.31	19.19	22.00	22.00
Highway maintenance workers .....	10.00	10.50	12.00	12.77	12.88
<b>Installation, maintenance, and repair occupations</b> .....	8.74	8.74	9.01	11.65	14.53
Industrial machinery installation, repair, and maintenance workers .....	8.74	8.74	8.74	9.01	10.93

See footnotes at end of table.

**Table 23**

**Part-time State and local government workers: Hourly wage percentiles<sup>1</sup> — Continued**

Occupation <sup>2</sup>	Wages fall at or below the following percentiles				
	10	25	50	75	90
<b>Installation, maintenance, and repair occupations –Continued</b>					
Maintenance and repair workers, general .....	\$8.74	\$8.74	\$8.74	\$9.01	\$10.93
<b>Production occupations .....</b>	10.50	12.98	16.47	18.50	34.16
Water and liquid waste treatment plant and system operators ....	9.52	10.50	13.00	13.00	13.00
<b>Transportation and material moving occupations .....</b>	8.32	10.63	13.22	16.37	18.74
Bus drivers .....	10.12	12.31	14.85	16.89	19.31
Bus drivers, transit and intercity .....	9.43	12.12	14.84	16.57	23.37
Bus drivers, school .....	10.25	12.38	14.87	16.89	19.28
Driver/sales workers and truck drivers .....	7.98	10.00	11.14	15.90	15.90
Truck drivers, light or delivery services .....	7.98	10.00	11.14	15.90	15.90
Taxi drivers and chauffeurs .....	6.59	9.25	10.99	11.42	11.54
Laborers and material movers, hand .....	6.31	7.42	8.32	10.00	11.84
Laborers and freight, stock, and material movers, hand .....	6.15	7.42	8.32	9.44	11.15
Refuse and recyclable material collectors .....	6.10	7.50	8.17	8.58	9.25

<sup>1</sup> Percentiles designate position in the earnings distribution and are calculated from individual worker earnings and the hours they are scheduled to work. See appendix A for more information.

<sup>2</sup> A classification system including about 800 individual occupations is used to cover all workers in the civilian economy. See appendix B for more information.

NOTE: Dashes indicate that data did not meet publication criteria. Overall occupational groups may include data for categories not shown separately.

SOURCE: Bureau of Labor Statistics, National Compensation Survey.

Table 24

**Civilian supervisory workers: Mean and median weekly and annual earnings and mean weekly and annual hours**

Occupation <sup>1</sup>	Weekly <sup>2</sup>			Annual <sup>3</sup>		
	Mean earnings	Median earnings	Mean hours	Mean earnings	Median earnings	Mean hours
<b>Management occupations</b>						
Team leader .....	\$1,343	\$1,234	39.8	\$69,228	\$63,475	2,054
First line .....	1,572	1,424	40.7	81,186	73,613	2,101
Second line .....	2,181	1,979	41.1	112,940	102,604	2,130
Third line .....	3,869	3,768	41.6	199,107	195,000	2,140
Chief executives						
First line .....	2,843	3,427	41.3	147,835	178,227	2,146
Second line .....	2,924	2,683	43.4	151,856	139,522	2,255
Third line .....	5,579	4,952	45.2	275,083	250,001	2,229
General and operations managers						
Team leader .....	1,431	1,320	40.0	74,213	68,661	2,075
First line .....	1,636	1,385	42.7	85,054	72,030	2,222
Second line .....	2,376	2,170	41.8	123,540	112,850	2,175
Third line .....	4,245	4,231	39.9	220,725	220,000	2,074
Advertising and promotions managers						
Team leader .....	1,331	1,328	39.2	69,195	69,056	2,036
First line .....	1,333	1,154	40.8	69,292	60,000	2,123
Marketing managers						
Team leader .....	1,758	1,911	39.0	91,408	99,393	2,030
First line .....	2,147	2,063	40.3	111,656	107,278	2,098
Second line .....	3,403	3,531	45.1	176,959	183,589	2,343
Sales managers						
Team leader .....	1,600	1,415	44.7	83,210	73,603	2,324
First line .....	1,791	1,554	41.6	93,126	80,829	2,161
Second line .....	1,930	1,904	39.9	100,356	99,016	2,076
Public relations managers						
Team leader .....	1,122	1,002	39.7	58,352	52,098	2,064
First line .....	1,596	1,543	39.3	82,992	80,238	2,044
Administrative services managers						
Team leader .....	876	840	40.4	45,162	43,682	2,084
First line .....	1,271	1,177	40.2	66,082	61,200	2,088
Second line .....	1,626	1,617	42.0	84,572	84,094	2,186
Computer and information systems managers						
Team leader .....	1,773	1,692	39.7	92,177	88,001	2,066
First line .....	2,163	2,080	40.0	112,026	107,072	2,069
Second line .....	2,262	2,263	40.5	117,615	117,701	2,108
Financial managers						
Team leader .....	1,312	1,202	39.9	68,230	62,504	2,074
First line .....	1,627	1,453	40.5	84,377	75,568	2,101
Second line .....	2,161	2,100	40.3	112,361	109,222	2,095
Third line .....	4,246	3,077	42.4	220,772	159,998	2,207
Compensation and benefits managers						
First line .....	1,558	1,533	40.7	81,025	79,726	2,117

See footnotes at end of table.

Table 24

**Civilian supervisory workers: Mean and median weekly and annual earnings and mean weekly and annual hours — Continued**

Occupation <sup>1</sup>	Weekly <sup>2</sup>			Annual <sup>3</sup>		
	Mean earnings	Median earnings	Mean hours	Mean earnings	Median earnings	Mean hours
<b>Management occupations –Continued</b>						
Training and development managers						
Team leader .....	\$1,564	\$1,604	40.0	\$81,305	\$83,408	2,080
First line .....	1,346	1,252	40.3	69,993	65,126	2,095
Industrial production managers						
Team leader .....	1,518	1,473	41.1	78,922	76,586	2,136
First line .....	1,516	1,559	41.6	78,830	81,053	2,163
Second line .....	1,712	1,544	41.0	89,018	80,283	2,133
Purchasing managers						
Team leader .....	1,165	1,244	40.0	60,586	64,709	2,080
First line .....	1,870	1,476	40.8	97,255	76,773	2,120
Transportation, storage, and distribution managers						
Team leader .....	1,189	1,290	40.1	61,803	67,088	2,086
First line .....	1,404	1,384	40.3	72,672	69,118	2,088
Second line .....	1,875	1,575	41.3	97,510	81,900	2,148
Construction managers						
Team leader .....	1,367	1,200	40.2	71,090	62,400	2,090
First line .....	1,473	1,442	41.9	76,307	75,001	2,172
Second line .....	1,469	1,432	41.0	76,379	74,456	2,132
Education administrators, preschool and child care center/program						
Team leader .....	855	990	34.7	44,096	51,480	1,788
First line .....	925	878	40.2	46,823	45,556	2,035
Education administrators, elementary and secondary school						
Team leader .....	1,540	1,520	39.1	71,823	69,811	1,826
First line .....	1,798	1,810	39.8	84,984	82,622	1,880
Second line .....	1,872	1,805	40.0	90,234	93,812	1,930
Education administrators, postsecondary						
Team leader .....	1,137	998	37.8	57,682	51,921	1,920
First line .....	1,435	1,356	38.7	74,378	70,518	2,003
Second line .....	3,034	3,113	44.3	150,346	160,501	2,194
Engineering managers						
Team leader .....	1,838	1,840	40.5	95,572	95,680	2,107
First line .....	2,168	2,135	40.9	112,731	111,008	2,126
Second line .....	2,521	2,515	40.3	131,110	130,786	2,095
Third line .....	2,901	2,866	40.0	150,856	149,024	2,080
Food service managers						
Team leader .....	749	851	40.7	38,242	39,999	2,079
First line .....	1,069	963	43.7	55,205	50,003	2,260
Lodging managers						
First line .....	816	767	43.4	42,410	39,867	2,257

See footnotes at end of table.

**Table 24**

**Civilian supervisory workers: Mean and median weekly and annual earnings and mean weekly and annual hours — Continued**

Occupation <sup>1</sup>	Weekly <sup>2</sup>			Annual <sup>3</sup>		
	Mean earnings	Median earnings	Mean hours	Mean earnings	Median earnings	Mean hours
<b>Management occupations –Continued</b>						
Medical and health services managers						
Team leader .....	\$1,098	\$1,175	39.4	\$57,103	\$61,112	2,049
First line .....	1,538	1,367	40.4	79,984	71,067	2,102
Second line .....	2,204	1,975	40.7	114,623	102,706	2,117
Property, real estate, and community association managers						
Team leader .....	864	715	40.3	44,933	37,190	2,094
First line .....	1,059	959	39.8	55,046	49,870	2,068
Social and community service managers						
Team leader .....	1,042	874	38.0	54,161	45,431	1,978
First line .....	1,017	937	39.4	52,832	48,736	2,046
Second line .....	1,213	1,179	40.6	63,059	61,318	2,111

<sup>1</sup> A classification system including about 800 individual occupations is used to cover all workers in the civilian economy. See appendix B for more information.

<sup>2</sup> Mean weekly earnings are the straight-time weekly wages or salaries paid to employees. Median weekly earnings designate position – one-half of the earnings are paid the same as or more than the rate shown and half are paid the same as or less than the rate shown. Mean weekly hours are the hours an employee is scheduled to work in a week, exclusive of overtime.

<sup>3</sup> Mean annual earnings are the straight-time annual wages or salaries paid to employees. Median annual earnings designate position – one-half of the earnings are

paid the same as or more than the rate shown and half are paid the same as or less than the rate shown. Mean annual hours are the hours an employee is scheduled to work in a year, exclusive of overtime.

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.