

Table 7

Private industry workers: Hourly wage percentiles¹

Occupation ²	Wages fall at or below the following percentiles				
	10	25	50	75	90
All workers	\$8.30	\$11.44	\$17.17	\$26.94	\$40.93
Management occupations	24.13	30.52	41.47	59.42	74.54
General and operations managers	28.13	33.10	50.17	68.30	93.41
Advertising and promotions managers	30.21	32.28	32.30	39.37	44.59
Marketing and sales managers	24.45	39.42	52.89	61.54	76.67
Marketing managers	31.25	40.87	54.66	61.54	75.96
Sales managers	23.50	33.85	48.50	65.87	76.67
Public relations managers	43.27	43.27	54.52	85.22	85.22
Administrative services managers	24.10	24.14	30.57	34.05	41.96
Computer and information systems managers	38.01	53.21	59.42	72.11	83.39
Financial managers	26.68	33.99	42.69	59.34	90.00
Human resources managers	22.85	29.28	39.62	44.04	57.69
Compensation and benefits managers	22.85	22.85	35.02	44.14	57.69
Industrial production managers	29.15	33.87	41.73	50.12	70.53
Purchasing managers	22.62	31.44	45.67	62.48	96.15
Transportation, storage, and distribution managers	31.55	31.94	38.67	71.15	71.15
Education administrators	21.15	27.32	30.52	30.52	53.78
Education administrators, postsecondary	25.01	26.41	31.54	62.08	62.08
Engineering managers	30.82	36.30	45.68	63.94	70.25
Food service managers	16.54	27.50	38.46	57.12	61.00
Medical and health services managers	26.41	26.41	35.68	54.20	67.96
Property, real estate, and community association managers	19.21	19.21	25.23	33.66	69.23
Social and community service managers	20.49	23.28	24.63	33.74	47.12
Business and financial operations occupations	19.21	23.08	29.00	36.01	47.28
Buyers and purchasing agents	19.81	21.28	25.72	28.61	32.03
Wholesale and retail buyers, except farm products	19.86	20.13	26.44	28.37	36.01
Purchasing agents, except wholesale, retail, and farm products	19.01	22.12	25.72	30.11	31.34
Claims adjusters, appraisers, examiners, and investigators	18.36	20.77	26.10	31.83	40.80
Claims adjusters, examiners, and investigators	18.36	20.45	25.38	31.83	40.87
Cost estimators	24.04	30.75	35.16	35.16	42.00
Human resources, training, and labor relations specialists	18.51	21.66	25.38	33.31	45.19
Employment, recruitment, and placement specialists	18.51	20.93	25.54	38.15	40.78
Compensation, benefits, and job analysis specialists	19.23	20.02	23.80	29.00	43.17
Training and development specialists	17.45	23.27	30.38	33.31	33.51
Logisticians	19.00	24.04	32.21	33.65	40.82
Management analysts	20.52	24.04	29.85	41.40	49.23
Accountants and auditors	20.40	24.04	31.85	36.15	44.80
Credit analysts	20.90	21.49	24.33	33.89	35.99
Financial analysts and advisors	20.58	25.82	33.65	45.67	72.12
Financial analysts	24.04	26.81	35.63	48.08	74.20
Personal financial advisors	16.94	19.43	28.49	54.61	109.02
Insurance underwriters	22.15	24.66	31.11	38.08	52.98
Financial examiners	19.15	19.15	19.78	28.34	28.34
Loan counselors and officers	15.96	18.16	22.49	30.14	71.70

See footnotes at end of table.

Table 7

Private industry workers: Hourly wage percentiles¹ — Continued

Occupation ²	Wages fall at or below the following percentiles				
	10	25	50	75	90
Business and financial operations occupations –Continued					
Loan officers	\$15.96	\$18.40	\$24.04	\$34.81	\$82.93
Computer and mathematical science occupations					
Computer programmers	22.54	27.00	38.11	46.61	57.85
Computer software engineers	22.12	26.32	35.34	43.27	53.37
Computer software engineers, applications	33.25	38.50	44.28	52.11	62.10
Computer software engineers, systems software	34.50	38.94	43.04	59.83	63.25
Computer support specialists	33.25	36.79	45.55	50.46	59.05
Computer systems analysts	16.80	22.00	25.35	37.20	49.53
Database administrators	24.31	26.93	38.03	45.15	55.58
Network and computer systems administrators	28.33	28.33	32.31	38.11	47.54
Network systems and data communications analysts	22.59	28.75	33.34	42.91	47.12
Operations research analysts	31.09	39.10	48.75	81.51	81.51
	25.97	25.97	25.97	47.90	56.62
Architecture and engineering occupations					
Architects, except naval	20.00	27.08	34.12	42.11	52.60
Architects, except landscape and naval	20.56	25.11	34.54	44.50	69.33
Architects, except landscape and naval	20.56	28.93	40.10	44.50	69.33
Engineers	26.56	31.20	38.75	46.25	56.91
Civil engineers	18.91	24.67	27.00	35.78	43.56
Electrical and electronics engineers	29.46	33.75	39.61	45.17	52.61
Electrical engineers	27.40	33.80	40.39	45.75	54.11
Electronics engineers, except computer	31.09	31.55	36.64	43.37	45.53
Industrial engineers, including health and safety	24.10	26.56	31.47	40.39	47.36
Industrial engineers	24.10	26.56	32.99	40.61	47.36
Materials engineers	16.24	28.60	47.07	52.47	73.19
Mechanical engineers	27.64	29.18	32.50	38.98	50.00
Drafters	13.00	17.63	22.42	38.69	39.56
Architectural and civil drafters	10.30	17.95	25.94	39.25	44.95
Engineering technicians, except drafters	17.27	25.72	29.53	34.75	35.74
Electrical and electronic engineering technicians	25.50	27.38	29.91	34.75	35.82
Industrial engineering technicians	18.53	18.53	20.27	27.89	29.58
Life, physical, and social science occupations					
Life scientists	16.29	20.88	26.71	36.26	49.46
Biological scientists	21.15	24.73	39.11	46.25	52.00
Medical scientists	18.27	21.15	26.09	41.62	54.12
Medical scientists	22.97	26.92	43.32	48.30	52.20
Physical scientists	18.51	21.64	30.29	38.19	52.78
Market and survey researchers	15.87	22.61	23.61	24.52	28.59
Market research analysts	15.87	22.61	23.61	24.52	28.59
Psychologists	17.11	24.50	28.47	48.84	56.81
Clinical, counseling, and school psychologists	17.11	24.50	28.55	48.84	56.81
Chemical technicians	15.89	19.92	28.66	34.87	34.87
Miscellaneous life, physical, and social science technicians	13.81	15.39	18.04	26.71	27.32
Community and social services occupations					
	12.05	14.40	17.18	22.18	29.31

See footnotes at end of table.

Table 7

Private industry workers: Hourly wage percentiles¹ — Continued

Occupation ²	Wages fall at or below the following percentiles				
	10	25	50	75	90
Community and social services occupations –Continued					
Counselors	\$13.94	\$15.58	\$17.33	\$20.40	\$28.00
Substance abuse and behavioral disorder counselors	13.22	14.42	16.82	16.93	18.35
Educational, vocational, and school counselors	16.00	16.88	20.87	27.73	39.75
Social workers	13.94	16.16	21.78	28.00	32.12
Child, family, and school social workers	12.52	16.42	20.29	24.66	28.42
Medical and public health social workers	18.45	22.21	28.43	30.56	34.14
Mental health and substance abuse social workers	13.94	15.90	17.31	22.16	30.00
Miscellaneous community and social service specialists	10.00	12.05	14.17	17.81	21.00
Social and human service assistants	8.80	11.00	13.32	14.45	19.23
Legal occupations	16.15	21.05	35.24	52.55	95.15
Lawyers	25.64	35.24	48.32	78.66	106.58
Paralegals and legal assistants	14.42	15.00	21.05	27.48	30.22
Education, training, and library occupations	9.27	14.04	24.67	41.41	63.75
Postsecondary teachers	27.26	36.04	47.39	66.56	90.66
Business teachers, postsecondary	30.99	42.04	69.93	90.55	102.96
Math and computer teachers, postsecondary	18.00	31.60	53.29	62.37	73.68
Computer science teachers, postsecondary	18.00	35.82	43.06	57.06	62.37
Mathematical science teachers, postsecondary	21.91	28.53	56.27	70.23	75.08
Life sciences teachers, postsecondary	44.86	44.86	44.86	45.57	72.46
Physical sciences teachers, postsecondary	47.94	50.91	57.71	72.41	82.11
Social sciences teachers, postsecondary	33.64	33.64	50.34	69.33	96.61
Psychology teachers, postsecondary	27.33	41.84	47.73	64.92	68.71
Health teachers, postsecondary	32.82	40.40	63.75	79.80	133.67
Health specialties teachers, postsecondary	32.47	51.50	63.75	81.96	133.67
Education and library science teachers, postsecondary	24.27	25.94	41.32	66.89	71.45
Education teachers, postsecondary	24.27	25.94	28.56	66.89	71.45
Arts, communications, and humanities teachers, postsecondary	35.32	41.02	48.67	53.94	73.11
English language and literature teachers, postsecondary	41.52	46.82	50.96	53.94	69.75
Foreign language and literature teachers, postsecondary	35.89	48.77	49.70	67.85	85.47
History teachers, postsecondary	40.01	44.21	48.30	49.19	54.28
Miscellaneous postsecondary teachers	24.00	27.26	34.21	46.96	67.90
Primary, secondary, and special education school teachers	9.50	14.23	24.01	34.39	51.85
Preschool and kindergarten teachers	9.00	10.50	14.53	22.14	34.39
Preschool teachers, except special education	9.27	11.00	14.82	24.42	34.39
Elementary and middle school teachers	10.71	18.82	24.38	32.11	37.30
Elementary school teachers, except special education	16.67	20.00	26.16	32.95	37.33
Secondary school teachers	24.18	29.42	46.45	63.35	82.30
Secondary school teachers, except special and vocational education	24.18	29.42	46.45	63.35	82.30
Special education teachers	20.96	23.85	27.48	65.00	66.98
Librarians	20.00	21.38	21.98	41.02	54.83
Instructional coordinators	16.56	17.55	29.32	37.55	44.27

See footnotes at end of table.

Table 7

Private industry workers: Hourly wage percentiles¹ — Continued

Occupation ²	Wages fall at or below the following percentiles				
	10	25	50	75	90
Education, training, and library occupations –Continued					
Teacher assistants	\$7.50	\$8.16	\$9.85	\$11.22	\$13.13
Arts, design, entertainment, sports, and media occupations					
Artists and related workers	12.50	19.71	29.71	40.56	55.66
Designers	12.00	18.35	29.20	34.66	47.20
Graphic designers	14.00	15.23	31.25	37.50	48.08
Actors, producers, and directors	27.23	46.09	63.58	144.23	168.27
Producers and directors	27.23	46.09	63.58	144.23	168.27
Athletes, coaches, umpires, and related workers	10.00	12.10	21.64	26.49	34.38
Coaches and scouts	10.00	12.10	21.64	26.49	34.38
Musicians, singers, and related workers	30.44	30.44	32.92	32.92	32.92
Public relations specialists	21.64	21.64	31.03	50.48	50.48
Writers and editors	18.43	19.90	28.75	44.09	55.66
Editors	18.97	20.55	29.24	53.75	55.66
Broadcast and sound engineering technicians and radio operators	26.71	26.71	32.11	38.41	43.00
Photographers	7.15	10.00	12.00	13.22	14.00
Healthcare practitioner and technical occupations					
Dietitians and nutritionists	15.73	22.07	28.72	38.00	51.24
Pharmacists	19.10	23.01	25.97	34.11	34.11
Physicians and surgeons	13.00	47.38	49.92	53.32	55.65
Physicians and surgeons	26.16	30.50	74.49	91.22	116.35
Internists, general	22.96	29.01	71.78	82.83	116.58
Physician assistants	32.69	35.85	39.94	43.39	47.83
Registered nurses	23.56	27.39	33.90	39.08	45.56
Therapists	21.64	22.07	28.50	34.26	38.00
Occupational therapists	22.32	27.81	31.81	39.03	40.19
Physical therapists	21.64	22.07	24.99	34.26	37.95
Respiratory therapists	22.08	22.08	28.84	32.34	34.16
Clinical laboratory technologists and technicians	13.49	16.25	22.03	26.00	30.41
Medical and clinical laboratory technologists	18.96	22.83	26.00	29.70	31.62
Medical and clinical laboratory technicians	11.98	15.23	16.91	22.67	25.96
Dental hygienists	24.25	29.01	31.00	36.00	38.00
Diagnostic related technologists and technicians	15.26	18.73	25.75	29.16	33.44
Cardiovascular technologists and technicians	12.50	13.11	15.22	17.73	20.39
Radiologic technologists and technicians	15.26	18.84	24.91	29.00	32.73
Emergency medical technicians and paramedics	9.75	11.35	15.00	16.38	27.82
Health diagnosing and treating practitioner support technicians	10.50	12.10	15.73	17.85	20.62
Pharmacy technicians	10.50	12.32	15.20	17.67	20.62
Licensed practical and licensed vocational nurses	14.75	17.05	19.59	23.19	26.00
Medical records and health information technicians	9.95	12.14	15.50	17.96	28.44
Miscellaneous health technologists and technicians	12.38	15.15	17.00	22.67	24.00
Healthcare support occupations					
Nursing, psychiatric, and home health aides	9.50	9.92	11.81	15.28	17.73
	9.50	9.90	11.25	13.56	16.58

See footnotes at end of table.

Table 7

Private industry workers: Hourly wage percentiles¹ — Continued

Occupation ²	Wages fall at or below the following percentiles				
	10	25	50	75	90
Healthcare support occupations –Continued					
Home health aides	\$8.85	\$9.60	\$9.90	\$10.58	\$12.56
Nursing aides, orderlies, and attendants	10.20	11.10	12.53	15.37	17.76
Psychiatric aides	9.00	9.50	10.40	11.40	12.30
Physical therapist assistants and aides	9.50	9.50	9.50	12.91	13.41
Physical therapist aides	9.50	9.50	9.50	12.91	12.91
Miscellaneous healthcare support occupations	9.16	10.50	13.84	16.10	19.04
Dental assistants	10.00	12.00	15.50	18.00	18.61
Medical assistants	10.00	11.03	12.00	15.30	20.00
Medical equipment preparers	12.29	15.40	16.89	19.92	21.04
Medical transcriptionists	11.54	12.13	14.69	16.31	18.83
Pharmacy aides	7.50	8.04	8.75	12.48	12.48
Veterinary assistants and laboratory animal caretakers	8.00	8.00	9.50	10.50	12.00
Protective service occupations					
Security guards and gaming surveillance officers	8.50	9.50	11.00	14.73	19.54
Security guards	8.50	9.16	10.00	13.00	15.43
Miscellaneous protective service workers	7.15	7.50	8.50	9.50	13.07
Lifeguards, ski patrol, and other recreational protective service workers	7.15	7.15	7.75	8.50	9.25
Food preparation and serving related occupations					
First-line supervisors/managers, food preparation and serving workers	3.35	7.15	7.75	10.75	15.00
First-line supervisors/managers of food preparation and serving workers	13.00	13.55	15.50	21.15	25.27
Chefs and head cooks	12.95	14.25	14.29	26.25	26.30
Cooks	7.15	7.50	10.00	12.50	15.50
Cooks, fast food	7.15	7.15	7.15	7.60	9.50
Cooks, institution and cafeteria	9.00	10.93	11.91	14.84	18.78
Cooks, restaurant	8.00	9.50	10.75	12.73	16.00
Cooks, short order	7.15	7.29	9.00	10.00	13.15
Food preparation workers	7.15	7.50	8.75	10.25	14.00
Food service, tipped	2.83	2.85	4.60	5.75	9.60
Bartenders	4.00	4.67	5.00	7.15	10.00
Waiters and waitresses	2.13	2.83	3.50	4.60	8.44
Dining room and cafeteria attendants and bartender helpers ..	4.00	4.50	7.43	9.03	13.61
Fast food and counter workers	7.15	7.15	7.50	8.66	10.50
Combined food preparation and serving workers, including fast food	7.15	7.15	7.55	8.50	9.33
Counter attendants, cafeteria, food concession, and coffee shop	7.15	7.15	7.49	8.94	13.93
Food servers, nonrestaurant	8.00	8.50	10.75	15.09	16.65
Dishwashers	7.15	7.15	7.50	9.18	10.50
Hosts and hostesses, restaurant, lounge, and coffee shop	7.15	7.50	8.75	11.67	14.50

See footnotes at end of table.

Table 7

Private industry workers: Hourly wage percentiles¹ — Continued

Occupation ²	Wages fall at or below the following percentiles				
	10	25	50	75	90
Building and grounds cleaning and maintenance occupations	\$8.25	\$10.00	\$13.68	\$17.63	\$20.47
First-line supervisors/managers, building and grounds cleaning and maintenance workers	14.75	17.00	20.58	22.36	33.62
First-line supervisors/managers of housekeeping and janitorial workers	12.82	19.25	21.73	22.36	24.60
First-line supervisors/managers of landscaping, lawn service, and groundskeeping workers	14.75	15.45	17.00	66.35	66.35
Building cleaning workers	8.00	9.71	12.96	16.96	20.47
Janitors and cleaners, except maids and housekeeping cleaners	8.15	9.75	12.55	18.13	20.47
Maids and housekeeping cleaners	7.90	8.76	11.00	14.75	16.65
Grounds maintenance workers	9.00	9.50	11.88	14.00	18.50
Landscaping and groundskeeping workers	8.80	9.50	11.50	14.00	15.75
Personal care and service occupations	7.25	7.84	9.90	15.00	18.94
First-line supervisors/managers of gaming workers	10.65	11.91	14.00	16.48	21.98
Slot key persons	10.61	11.74	12.89	15.27	16.48
First-line supervisors/managers of personal service workers	13.53	16.60	16.60	21.66	21.66
Gaming services workers	4.43	4.80	6.96	8.76	9.02
Gaming dealers	4.43	4.80	6.80	8.76	9.02
Ushers, lobby attendants, and ticket takers	9.58	10.50	14.35	18.94	18.94
Miscellaneous entertainment attendants and related workers	7.19	7.66	16.35	17.64	18.24
Amusement and recreation attendants	7.15	7.19	16.35	17.29	18.24
Barbers and cosmetologists	10.00	12.50	16.47	20.07	31.23
Hairdressers, hairstylists, and cosmetologists	9.66	15.29	17.52	20.07	31.23
Baggage porters, bellhops, and concierges	7.96	8.12	10.00	18.94	18.94
Child care workers	7.30	7.72	9.75	11.36	13.22
Personal and home care aides	7.40	7.65	8.41	9.90	11.50
Recreation and fitness workers	7.15	8.00	10.00	14.90	16.83
Fitness trainers and aerobics instructors	8.00	8.40	10.00	14.42	15.50
Recreation workers	7.15	7.15	10.72	15.00	19.65
Sales and related occupations	7.50	8.75	12.50	21.64	39.42
First-line supervisors/managers, sales workers	9.05	13.75	18.36	25.05	33.32
First-line supervisors/managers of retail sales workers	8.82	12.99	18.00	22.94	30.09
First-line supervisors/managers of non-retail sales workers	15.39	17.40	22.80	34.62	64.90
Retail sales workers	7.29	8.00	10.00	12.76	18.64
Cashiers, all workers	7.15	7.43	8.25	10.00	12.40
Cashiers	7.15	7.43	8.25	10.00	12.31
Counter and rental clerks and parts salespersons	7.75	10.00	12.46	16.50	25.09
Counter and rental clerks	7.40	8.00	10.21	12.46	13.00
Parts salespersons	8.00	10.70	15.00	23.10	25.09
Retail salespersons	7.55	8.59	10.92	14.19	22.44
Advertising sales agents	8.25	11.90	16.48	22.09	28.24
Insurance sales agents	14.99	18.74	21.64	30.98	75.00
Securities, commodities, and financial services sales agents	15.83	22.61	37.67	59.94	85.81

See footnotes at end of table.

Table 7

Private industry workers: Hourly wage percentiles¹ — Continued

Occupation ²	Wages fall at or below the following percentiles				
	10	25	50	75	90
Sales and related occupations –Continued					
Sales representatives, wholesale and manufacturing	\$14.89	\$20.87	\$31.73	\$48.76	\$56.62
Sales representatives, wholesale and manufacturing, technical and scientific products	17.32	25.00	34.97	56.62	56.62
Sales representatives, wholesale and manufacturing, except technical and scientific products	14.89	20.67	29.51	41.75	54.37
Telemarketers	7.15	8.30	12.52	12.52	18.97
Miscellaneous sales and related workers	8.50	10.17	15.45	23.98	32.45
Office and administrative support occupations					
First-line supervisors/managers of office and administrative support workers	10.00	12.49	15.93	20.17	25.09
Switchboard operators, including answering service	15.07	18.00	22.06	29.39	36.81
Financial clerks	9.06	10.38	16.06	18.98	19.26
Bill and account collectors	10.56	12.64	15.20	18.51	22.87
Billing and posting clerks and machine operators	13.00	13.60	16.60	19.87	23.47
Bookkeeping, accounting, and auditing clerks	11.50	12.92	15.49	17.10	20.34
Payroll and timekeeping clerks	11.75	13.93	17.12	20.00	22.87
Procurement clerks	14.76	15.43	18.95	20.92	21.93
Tellers	12.84	15.77	16.85	17.46	18.00
Brokerage clerks	9.50	10.50	11.50	13.08	15.30
Credit authorizers, checkers, and clerks	16.45	18.46	20.75	22.73	31.66
Customer service representatives	15.39	15.64	17.79	25.27	25.46
File clerks	9.25	12.50	15.57	20.14	28.75
Hotel, motel, and resort desk clerks	9.25	9.36	11.00	12.56	14.34
Interviewers, except eligibility and loan	8.00	8.64	10.00	11.50	13.66
Library assistants, clerical	10.88	12.57	15.61	18.71	21.98
Loan interviewers and clerks	9.30	9.36	12.50	15.00	16.08
New accounts clerks	11.00	14.00	17.16	19.89	25.06
Order clerks	11.20	11.20	16.39	19.16	23.95
Human resources assistants, except payroll and timekeeping	10.00	12.00	14.30	17.30	19.32
Receptionists and information clerks	11.19	14.95	18.04	22.03	24.36
Reservation and transportation ticket agents and travel clerks ...	9.00	10.22	12.55	15.79	18.46
Couriers and messengers	9.85	15.00	18.79	20.19	21.30
Dispatchers	8.00	8.25	9.00	10.10	12.86
Dispatchers, except police, fire, and ambulance	14.02	16.80	19.42	23.14	42.21
Production, planning, and expediting clerks	13.00	16.25	19.61	23.72	42.21
Shipping, receiving, and traffic clerks	12.25	14.25	18.33	22.19	26.90
Stock clerks and order fillers	8.80	10.15	12.15	15.59	19.41
Weighers, measurers, checkers, and samplers, recordkeeping	7.15	7.82	10.00	13.14	16.41
Secretaries and administrative assistants	9.00	11.05	26.91	26.91	26.91
Executive secretaries and administrative assistants	13.28	15.81	20.00	24.73	30.77
Legal secretaries	15.47	18.27	22.19	27.57	34.07
Medical secretaries	16.83	22.67	26.92	30.15	35.86
Secretaries, except legal, medical, and executive	11.25	12.35	17.35	19.54	20.72
Computer operators	12.43	14.00	16.95	20.60	24.57
	15.75	16.29	18.90	19.90	20.27

See footnotes at end of table.

Table 7

Private industry workers: Hourly wage percentiles¹ — Continued

Occupation ²	Wages fall at or below the following percentiles				
	10	25	50	75	90
Office and administrative support occupations –Continued					
Data entry and information processing workers	\$10.05	\$11.45	\$12.45	\$14.87	\$20.25
Data entry keyers	10.05	11.45	12.45	14.37	18.12
Word processors and typists	11.40	11.81	20.25	35.14	35.14
Insurance claims and policy processing clerks	12.39	14.42	16.75	20.53	29.81
Mail clerks and mail machine operators, except postal service ..	9.96	11.54	12.91	14.15	20.88
Office clerks, general	10.10	12.50	15.38	18.75	22.12
Office machine operators, except computer	9.50	10.80	12.02	17.61	18.19
Construction and extraction occupations					
First-line supervisors/managers of construction trades and extraction workers	13.25	17.00	24.50	33.82	46.07
Brickmasons, blockmasons, and stonemasons	22.21	24.14	32.00	51.62	58.43
Brickmasons and blockmasons	24.50	27.73	27.73	28.65	28.65
Brickmasons and blockmasons	24.50	27.73	27.73	28.65	28.65
Carpenters	16.75	19.70	24.00	27.00	42.55
Construction laborers	11.67	12.61	27.25	30.66	34.74
Construction equipment operators	16.65	20.00	26.00	29.00	35.39
Operating engineers and other construction equipment operators	18.00	21.91	27.02	29.00	35.39
Electricians	16.00	22.50	29.15	46.00	47.00
Painters and paperhangers	13.25	13.25	15.00	15.50	16.50
Painters, construction and maintenance	13.25	13.25	15.00	15.50	16.50
Pipelayers, plumbers, pipefitters, and steamfitters	15.71	18.92	30.53	46.07	46.07
Plumbers, pipefitters, and steamfitters	15.71	18.79	33.26	46.07	46.07
Roofers	10.25	15.00	19.50	28.50	30.00
Sheet metal workers	9.50	14.85	21.50	41.20	41.20
Structural iron and steel workers	13.50	27.75	31.23	55.71	56.81
Helpers, construction trades	10.72	12.00	12.00	16.08	17.20
Construction and building inspectors	16.72	18.77	18.77	23.18	25.13
Miscellaneous construction and related workers	11.50	18.00	24.94	33.62	40.84
Installation, maintenance, and repair occupations					
First-line supervisors/managers of mechanics, installers, and repairers	12.21	16.15	20.41	27.02	33.77
Miscellaneous electrical and electronic equipment mechanics, installers, and repairers	18.75	21.68	27.70	39.43	43.37
Electrical and electronics repairers, powerhouse, substation, and relay	7.90	12.21	17.00	22.45	26.57
Security and fire alarm systems installers	29.38	31.40	35.85	36.07	38.68
Aircraft mechanics and service technicians	14.85	18.00	22.02	23.76	26.71
Automotive technicians and repairers	21.53	23.23	27.69	31.40	31.43
Automotive body and related repairers	11.00	12.50	15.38	18.75	23.33
Automotive service technicians and mechanics	11.00	12.50	13.00	17.50	24.00
Automotive service technicians and mechanics	10.50	12.90	16.02	19.00	23.33
Bus and truck mechanics and diesel engine specialists	17.50	18.00	20.02	25.39	27.64
Heavy vehicle and mobile equipment service technicians and mechanics	11.00	14.50	20.41	23.67	28.00

See footnotes at end of table.

Table 7

Private industry workers: Hourly wage percentiles¹ — Continued

Occupation ²	Wages fall at or below the following percentiles				
	10	25	50	75	90
Installation, maintenance, and repair occupations –Continued					
Mobile heavy equipment mechanics, except engines	\$18.00	\$20.07	\$20.41	\$26.29	\$28.00
Miscellaneous vehicle and mobile equipment mechanic, installers, and repairers	7.36	8.24	9.50	15.43	17.50
Heating, air conditioning, and refrigeration mechanics and installers	13.50	18.00	25.00	26.21	35.31
Home appliance repairers	10.00	16.25	18.20	30.75	34.10
Industrial machinery installation, repair, and maintenance workers	14.68	16.89	19.64	25.00	28.81
Industrial machinery mechanics	16.50	16.95	19.46	22.61	31.11
Maintenance and repair workers, general	13.46	16.80	19.64	26.49	28.81
Maintenance workers, machinery	15.29	15.70	17.95	22.99	25.80
Millwrights	19.27	19.54	21.03	28.81	32.35
Line installers and repairers	19.77	26.59	32.94	36.33	38.97
Electrical power-line installers and repairers	26.29	32.94	36.23	38.38	39.58
Telecommunications line installers and repairers	19.36	19.77	29.93	31.56	34.18
Precision instrument and equipment repairers	10.28	13.50	29.28	36.97	37.69
Miscellaneous installation, maintenance, and repair workers	7.78	13.50	18.47	22.13	26.07
Helpers--installation, maintenance, and repair workers	7.50	8.25	17.90	19.07	20.00
Production occupations	8.85	11.00	15.13	19.51	25.01
First-line supervisors/managers of production and operating workers	16.73	18.45	24.04	28.58	31.79
Electrical, electronics, and electromechanical assemblers	9.90	13.19	16.08	18.50	21.64
Coil winders, tapers, and finishers	9.15	10.35	12.75	19.92	21.05
Electrical and electronic equipment assemblers	9.25	10.73	13.26	15.61	20.00
Electromechanical equipment assemblers	12.50	16.08	17.90	18.99	23.01
Miscellaneous assemblers and fabricators	7.40	8.26	11.31	14.75	18.11
Team assemblers	8.90	11.00	14.24	17.53	21.46
Bakers	7.65	10.00	13.35	20.00	44.23
Butchers and other meat, poultry, and fish processing workers ..	8.85	11.00	12.75	17.92	25.97
Butchers and meat cutters	11.00	11.50	13.55	21.75	25.97
Slaughterers and meat packers	8.70	8.75	10.00	14.05	16.75
Miscellaneous food processing workers	8.56	10.50	14.08	17.82	19.15
Food batchmakers	10.85	11.60	14.65	17.99	18.62
Food cooking machine operators and tenders	9.00	14.08	17.79	20.39	20.39
Computer control programmers and operators	10.75	12.45	15.75	19.47	24.00
Computer-controlled machine tool operators, metal and plastic	10.75	12.45	15.50	19.47	24.00
Forming machine setters, operators, and tenders, metal and plastic	10.75	12.85	17.12	19.70	23.69
Extruding and drawing machine setters, operators, and tenders, metal and plastic	15.77	17.74	19.57	19.70	24.72
Machine tool cutting setters, operators, and tenders, metal and plastic	10.70	13.25	16.50	18.50	22.83

See footnotes at end of table.

Table 7

Private industry workers: Hourly wage percentiles¹ — Continued

Occupation ²	Wages fall at or below the following percentiles				
	10	25	50	75	90
Production occupations –Continued					
Cutting, punching, and press machine setters, operators, and tenders, metal and plastic	\$9.80	\$11.75	\$14.89	\$17.02	\$20.71
Drilling and boring machine tool setters, operators, and tenders, metal and plastic	14.96	15.93	16.94	22.11	28.80
Grinding, lapping, polishing, and buffing machine tool setters, operators, and tenders, metal and plastic	11.95	13.50	16.65	17.90	27.80
Lathe and turning machine tool setters, operators, and tenders, metal and plastic	16.25	17.50	19.52	21.25	22.25
Machinists	15.24	17.50	19.84	26.46	28.85
Metal furnace and kiln operators and tenders	16.92	17.45	17.45	17.74	19.18
Metal-refining furnace operators and tenders	16.70	17.53	17.74	19.18	29.96
Molders and molding machine setters, operators, and tenders, metal and plastic	8.25	11.19	13.45	17.05	25.01
Molding, coremaking, and casting machine setters, operators, and tenders, metal and plastic	8.25	11.19	11.19	15.75	21.42
Multiple machine tool setters, operators, and tenders, metal and plastic	10.25	11.25	14.00	19.46	29.75
Tool and die makers	20.08	24.02	26.98	27.45	29.95
Welding, soldering, and brazing workers	12.93	14.01	17.00	19.67	22.87
Welders, cutters, solderers, and brazers	13.32	14.41	17.00	19.67	22.87
Miscellaneous metalworkers and plastic workers	7.25	7.75	11.00	17.80	22.89
Printers	12.02	14.04	17.40	20.69	26.05
Prepress technicians and workers	9.00	12.90	17.73	20.69	26.13
Printing machine operators	13.50	14.30	16.68	20.65	26.62
Laundry and dry-cleaning workers	10.25	10.40	11.45	18.96	18.96
Pressers, textile, garment, and related materials	8.25	9.00	9.65	10.00	10.10
Sewing machine operators	8.50	10.00	10.54	12.14	14.00
Tailors, dressmakers, and sewers	10.50	12.14	12.14	22.40	23.35
Tailors, dressmakers, and custom sewers	10.50	12.14	12.14	23.03	23.35
Textile machine setters, operators, and tenders	9.95	11.90	18.85	21.71	23.64
Miscellaneous textile, apparel, and furnishings workers	7.15	8.12	15.00	17.06	20.00
Woodworking machine setters, operators, and tenders	10.53	11.00	14.42	15.70	20.07
Woodworking machine setters, operators, and tenders, except sawing	11.00	13.10	14.57	15.06	17.23
Power plant operators, distributors, and dispatchers	29.68	32.68	33.97	34.76	39.10
Power plant operators	29.66	32.76	34.76	34.76	39.10
Stationary engineers and boiler operators	22.02	25.25	30.17	30.77	30.77
Chemical processing machine setters, operators, and tenders	13.50	16.25	22.67	26.43	26.83
Chemical equipment operators and tenders	12.00	16.00	22.67	26.40	26.40
Crushing, grinding, polishing, mixing, and blending workers	11.83	14.17	17.33	20.06	22.91
Crushing, grinding, and polishing machine setters, operators, and tenders	10.00	18.60	19.60	20.47	22.91
Grinding and polishing workers, hand	13.29	14.17	16.71	19.77	21.60
Mixing and blending machine setters, operators, and tenders	11.83	13.48	16.65	19.31	29.83
Cutting workers	10.85	15.10	15.74	18.56	20.34

See footnotes at end of table.

Table 7

Private industry workers: Hourly wage percentiles¹ — Continued

Occupation ²	Wages fall at or below the following percentiles				
	10	25	50	75	90
Production occupations –Continued					
Cutting and slicing machine setters, operators, and tenders	\$10.42	\$15.00	\$15.74	\$20.34	\$20.34
Inspectors, testers, sorters, samplers, and weighers	11.40	14.08	17.55	20.44	23.20
Packaging and filling machine operators and tenders	8.53	10.00	14.43	16.57	19.32
Painting workers	10.71	12.00	14.51	16.75	19.29
Coating, painting, and spraying machine setters, operators, and tenders	10.00	11.00	13.50	15.78	19.29
Photographic process workers and processing machine operators	8.19	9.29	11.24	14.20	15.00
Photographic processing machine operators	8.00	8.25	9.29	15.00	17.50
Miscellaneous production workers	8.50	9.16	11.36	16.26	21.08
Paper goods machine setters, operators, and tenders	13.27	14.36	16.84	19.41	19.43
Helpers--production workers	8.72	9.50	10.96	13.59	17.59
Transportation and material moving occupations					
First-line supervisors/managers of helpers, laborers, and material movers, hand	7.96	9.75	13.24	17.36	23.35
First-line supervisors/managers of transportation and material-moving machine and vehicle operators	13.97	14.31	20.35	27.54	51.16
First-line supervisors/managers of transportation and material-moving machine and vehicle operators	16.67	18.75	20.61	26.67	31.89
Aircraft pilots and flight engineers	24.96	32.00	55.13	120.53	176.34
Airline pilots, copilots, and flight engineers	79.59	101.90	120.53	172.32	176.34
Bus drivers	11.00	12.55	14.08	18.46	26.73
Bus drivers, school	11.00	13.45	14.50	16.56	18.46
Driver/sales workers and truck drivers	10.25	12.36	16.43	20.28	28.18
Driver/sales workers	7.15	10.00	12.35	17.89	24.16
Truck drivers, heavy and tractor-trailer	12.62	14.50	16.89	20.28	28.80
Truck drivers, light or delivery services	9.00	10.37	13.39	22.29	28.24
Taxi drivers and chauffeurs	7.15	7.15	7.15	11.77	21.13
Parking lot attendants	5.86	7.29	8.00	8.00	8.12
Crane and tower operators	16.81	19.94	22.71	27.02	27.58
Dredge, excavating, and loading machine operators	16.00	16.00	16.00	19.25	29.53
Industrial truck and tractor operators	10.00	13.03	15.59	18.88	23.05
Laborers and material movers, hand	7.37	8.50	10.24	13.86	16.70
Cleaners of vehicles and equipment	7.15	8.50	9.25	12.55	15.05
Laborers and freight, stock, and material movers, hand	7.50	8.50	10.50	13.69	17.52
Machine feeders and offbearers	7.40	9.50	13.20	14.90	33.37
Packers and packagers, hand	7.15	8.00	10.00	13.80	15.39

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

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

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

SOURCE: Bureau of Labor Statistics, National Compensation Survey.