

RSE Table 11

**Full-time¹ civilian workers: Relative standard errors
of mean hourly, weekly, and annual earnings**

Occupation ²	Hourly earnings ³		Weekly earnings ⁵		Annual earnings ⁶	
	Mean	Relative error ⁴	Mean	Relative error ⁴	Mean	Relative error ⁴
All workers	\$20.38	2.2%	\$813	2.2%	\$41,279	2.2%
Management occupations	38.22	5.5	1,562	5.0	80,727	5.0
Chief executives	56.83	13.3	2,454	16.3	127,601	16.3
General and operations managers	36.06	6.3	1,523	6.1	79,075	6.1
Marketing and sales managers	46.81	4.2	1,963	5.2	102,097	5.2
Marketing managers	43.04	11.0	1,721	11.0	89,475	11.0
Sales managers	48.84	7.3	2,104	9.1	109,412	9.1
Administrative services managers	34.52	16.4	1,381	16.4	71,799	16.4
Computer and information systems managers	46.38	3.8	1,865	4.0	96,958	4.0
Financial managers	38.69	4.9	1,550	5.3	80,575	5.3
Human resources managers	31.20	11.6	1,260	12.1	65,529	12.1
Industrial production managers	37.25	11.1	1,528	10.9	79,442	10.9
Purchasing managers	28.79	19.3	1,198	16.9	62,290	16.9
Transportation, storage, and distribution managers	35.81	20.4	1,432	20.4	74,487	20.4
Construction managers	36.96	6.4	1,486	4.5	77,253	4.5
Education administrators	34.03	9.7	1,375	9.4	67,559	9.4
Education administrators, elementary and secondary school	44.89	7.5	1,780	7.4	85,630	7.4
Education administrators, postsecondary ..	29.19	6.0	1,179	6.5	59,981	6.5
Engineering managers	50.60	7.0	2,061	6.0	107,164	6.0
Food service managers	20.11	21.9	919	17.8	46,498	17.8
Medical and health services managers	45.78	22.4	1,839	22.3	95,609	22.3
Social and community service managers	22.16	6.9	876	6.5	45,535	6.5
Business and financial operations occupations	29.64	7.7	1,194	7.6	61,844	7.6
Buyers and purchasing agents	25.11	8.1	1,016	10.0	52,829	10.0
Purchasing agents, except wholesale, retail, and farm products	24.74	10.4	1,005	13.4	52,262	13.4
Claims adjusters, appraisers, examiners, and investigators	22.48	3.9	883	4.0	43,145	4.0
Claims adjusters, examiners, and investigators	22.39	4.0	880	4.0	42,920	4.0
Compliance officers, except agriculture, construction, health and safety, and transportation	27.76	19.1	1,109	19.1	57,691	19.1
Cost estimators	30.01	10.7	1,246	14.0	64,773	14.0
Human resources, training, and labor relations specialists	25.95	9.8	1,048	9.6	54,357	9.6
Employment, recruitment, and placement specialists	20.65	16.5	832	18.0	43,176	18.0

See footnotes at end of table.

RSE Table 11

**Full-time¹ civilian workers: Relative standard errors
of mean hourly, weekly, and annual earnings — Continued**

Occupation ²	Hourly earnings ³		Weekly earnings ⁵		Annual earnings ⁶	
	Mean	Relative error ⁴	Mean	Relative error ⁴	Mean	Relative error ⁴
Business and financial operations occupations –Continued						
Compensation, benefits, and job analysis specialists	\$20.19	6.3%	\$814	6.3%	\$42,333	6.3%
Training and development specialists	32.78	8.3	1,280	9.4	66,123	9.4
Management analysts	36.67	7.4	1,467	7.4	76,267	7.4
Accountants and auditors	25.62	4.1	1,034	3.5	53,776	3.5
Appraisers and assessors of real estate	22.31	6.2	892	6.2	46,400	6.2
Credit analysts	26.05	8.5	1,035	8.5	53,836	8.5
Financial analysts and advisors	29.59	8.6	1,178	8.6	61,278	8.6
Financial analysts	34.28	10.8	1,371	10.8	71,310	10.8
Insurance underwriters	25.69	11.4	1,014	11.3	52,712	11.3
Loan counselors and officers	48.35	25.3	1,930	25.4	100,355	25.4
Loan officers	49.38	24.9	1,971	25.0	102,498	25.0
Computer and mathematical science occupations						
Computer programmers	32.72	3.6	1,307	3.5	67,840	3.5
Computer software engineers	30.43	3.8	1,212	3.9	63,040	3.9
Computer software engineers, applications	39.68	3.2	1,598	3.0	83,074	3.0
Computer software engineers, systems software	39.12	7.9	1,584	6.3	82,384	6.3
Computer support specialists	40.30	6.5	1,612	6.5	83,818	6.5
Computer systems analysts	21.65	9.6	868	9.7	45,126	9.7
Network and computer systems administrators	36.97	3.9	1,468	3.7	76,259	3.7
Network systems and data communications analysts	31.27	5.1	1,238	4.1	63,676	4.1
Actuaries	30.88	3.4	1,235	3.4	64,236	3.4
Actuaries	42.02	15.3	1,677	15.3	87,208	15.3
Architecture and engineering occupations						
Engineers	29.99	3.2	1,209	3.3	62,854	3.3
Civil engineers	35.95	2.4	1,457	2.4	75,787	2.4
Electrical and electronics engineers	30.95	17.3	1,290	17.9	67,077	17.9
Electrical engineers	34.73	4.2	1,400	3.8	72,825	3.8
Industrial engineers, including health and safety	33.87	6.7	1,375	7.6	71,484	7.6
Industrial engineers	30.49	8.2	1,271	7.7	66,088	7.7
Mechanical engineers	30.38	8.3	1,268	7.8	65,942	7.8
Mechanical engineers	34.85	5.1	1,394	5.1	72,494	5.1
Drafters	21.26	7.4	851	7.4	44,227	7.4
Architectural and civil drafters	21.84	12.0	873	12.0	45,420	12.0
Mechanical drafters	21.93	5.2	877	5.2	45,611	5.2
Engineering technicians, except drafters	23.75	4.2	950	4.2	49,405	4.2
Civil engineering technicians	18.65	3.0	746	3.0	38,797	3.0

See footnotes at end of table.

RSE Table 11

Full-time¹ civilian workers: Relative standard errors of mean hourly, weekly, and annual earnings — Continued

Occupation ²	Hourly earnings ³		Weekly earnings ⁵		Annual earnings ⁶	
	Mean	Relative error ⁴	Mean	Relative error ⁴	Mean	Relative error ⁴
Architecture and engineering occupations						
–Continued						
Electrical and electronic engineering technicians	\$23.29	13.4%	\$932	13.4%	\$48,444	13.4%
Life, physical, and social science occupations	26.08	8.2	1,043	8.2	51,488	8.2
Life scientists	24.57	6.3	983	6.3	45,752	6.3
Biological scientists	19.62	2.8	785	2.8	40,805	2.8
Physical scientists	30.16	7.3	1,207	7.3	62,740	7.3
Chemists and materials scientists	25.25	3.4	1,010	3.4	52,525	3.4
Environmental scientists and geoscientists	33.08	11.5	1,323	11.5	68,803	11.5
Environmental scientists and specialists, including health	32.53	13.8	1,301	13.8	67,661	13.8
Market and survey researchers	34.25	6.5	1,370	6.5	71,233	6.5
Market research analysts	34.25	6.5	1,370	6.5	71,233	6.5
Psychologists	32.14	9.4	1,287	9.4	52,110	9.4
Clinical, counseling, and school psychologists	32.14	9.4	1,287	9.4	52,110	9.4
Miscellaneous life, physical, and social science technicians	16.40	4.7	656	4.7	34,107	4.7
Community and social services occupations	19.05	4.7	756	4.9	38,323	4.9
Counselors	19.39	7.8	760	9.1	38,265	9.1
Substance abuse and behavioral disorder counselors	20.90	5.7	837	5.0	43,015	5.0
Educational, vocational, and school counselors	19.37	16.7	744	18.9	36,119	18.9
Rehabilitation counselors	18.77	11.0	738	12.0	38,396	12.0
Social workers	21.99	9.2	879	9.2	43,570	9.2
Child, family, and school social workers ..	21.31	11.3	847	10.9	38,233	10.9
Mental health and substance abuse social workers	17.59	6.1	707	5.5	36,782	5.5
Miscellaneous community and social service specialists	16.26	4.5	649	4.5	33,628	4.5
Probation officers and correctional treatment specialists	20.11	9.3	804	9.3	41,827	9.3
Social and human service assistants	15.15	6.0	606	6.0	31,506	6.0
Legal occupations	36.05	6.5	1,475	7.7	76,718	7.7
Lawyers	44.21	5.9	1,834	8.5	95,385	8.5
Judges, magistrates, and other judicial workers	55.51	10.8	2,220	10.8	115,459	10.8
Paralegals and legal assistants	25.54	5.9	1,037	8.1	53,908	8.1

See footnotes at end of table.

RSE Table 11

**Full-time¹ civilian workers: Relative standard errors
of mean hourly, weekly, and annual earnings — Continued**

Occupation ²	Hourly earnings ³		Weekly earnings ⁵		Annual earnings ⁶	
	Mean	Relative error ⁴	Mean	Relative error ⁴	Mean	Relative error ⁴
Education, training, and library occupations	\$31.14	10.1%	\$1,190	10.3%	\$46,206	10.3%
Postsecondary teachers	52.08	25.0	2,060	25.3	81,944	25.3
Math and computer teachers, postsecondary	36.83	6.5	1,467	6.7	54,250	6.7
Mathematical science teachers, postsecondary	36.83	6.5	1,467	6.7	54,250	6.7
Life sciences teachers, postsecondary	86.74	12.4	3,379	15.2	134,692	15.2
Biological science teachers, postsecondary	86.74	12.4	3,379	15.2	134,692	15.2
Physical sciences teachers, postsecondary	42.91	13.1	1,703	13.5	66,358	13.5
Arts, communications, and humanities teachers, postsecondary	42.72	3.1	1,689	3.3	62,736	3.3
Miscellaneous postsecondary teachers	29.76	10.3	1,179	9.9	52,314	9.9
Primary, secondary, and special education school teachers	31.04	1.8	1,193	2.1	44,928	2.1
Preschool and kindergarten teachers	31.05	8.9	1,204	8.3	45,546	8.3
Kindergarten teachers, except special education	34.94	3.9	1,342	3.7	48,085	3.7
Elementary and middle school teachers	30.66	2.3	1,178	2.6	44,081	2.6
Elementary school teachers, except special education	30.16	2.9	1,163	3.2	43,548	3.2
Middle school teachers, except special and vocational education	32.54	2.1	1,233	2.5	46,023	2.5
Secondary school teachers	31.30	2.5	1,208	3.0	45,376	3.0
Secondary school teachers, except special and vocational education	31.29	2.6	1,206	3.1	45,330	3.1
Vocational education teachers, secondary school	31.67	11.0	1,245	9.2	46,357	9.2
Special education teachers	32.91	4.5	1,246	3.8	49,662	3.8
Special education teachers, preschool, kindergarten, and elementary school	30.19	7.9	1,143	6.1	43,599	6.1
Special education teachers, middle school	38.03	1.9	1,432	1.4	60,717	1.4
Other teachers and instructors	21.65	8.3	817	10.8	32,937	10.8
Librarians	25.15	10.6	987	10.5	46,066	10.5
Instructional coordinators	34.32	17.9	1,331	16.9	55,641	16.9
Teacher assistants	11.27	3.2	400	3.5	15,733	3.5
Arts, design, entertainment, sports, and media occupations	23.75	6.3	928	5.7	48,272	5.7
Designers	23.25	15.9	933	15.4	48,532	15.4
Graphic designers	18.28	11.5	737	11.8	38,307	11.8
News analysts, reporters and correspondents	27.01	24.2	1,044	25.1	54,294	25.1
Reporters and correspondents	23.30	26.3	898	27.2	46,694	27.2

See footnotes at end of table.

RSE Table 11

**Full-time¹ civilian workers: Relative standard errors
of mean hourly, weekly, and annual earnings — Continued**

Occupation ²	Hourly earnings ³		Weekly earnings ⁵		Annual earnings ⁶	
	Mean	Relative error ⁴	Mean	Relative error ⁴	Mean	Relative error ⁴
Arts, design, entertainment, sports, and media occupations –Continued						
Writers and editors	\$17.59	9.3%	\$704	9.3%	\$36,590	9.3%
Editors	17.92	11.7	717	11.7	37,264	11.7
Healthcare practitioner and technical occupations						
Pharmacists	26.62	6.2	1,047	6.2	53,794	6.2
Physicians and surgeons	51.43	2.3	2,018	3.5	104,942	3.5
Registered nurses	78.53	35.0	3,248	35.2	168,876	35.2
Therapists	27.95	5.2	1,087	5.1	55,758	5.1
Occupational therapists	31.01	3.2	1,220	2.7	56,011	2.7
Physical therapists	31.53	9.7	1,247	8.8	59,683	8.8
Speech-language pathologists	28.90	2.4	1,151	2.1	59,611	2.1
Clinical laboratory technologists and technicians	35.12	4.4	1,347	3.5	51,063	3.5
Medical and clinical laboratory technologists	21.14	3.0	844	3.1	43,886	3.1
Medical and clinical laboratory technicians	23.86	5.5	953	5.5	49,558	5.5
Diagnostic related technologists and technicians	16.59	10.3	662	10.2	34,413	10.2
Radiologic technologists and technicians ..	24.90	4.7	973	5.4	50,606	5.4
Emergency medical technicians and paramedics	25.02	5.0	978	5.7	50,880	5.7
Health diagnosing and treating practitioner support technicians	16.84	7.8	691	8.6	35,930	8.6
Pharmacy technicians	13.14	10.2	516	9.8	26,819	9.8
Surgical technologists	10.97	8.8	438	8.6	22,750	8.6
Licensed practical and licensed vocational nurses	16.89	6.3	654	7.3	34,021	7.3
Medical records and health information technicians	17.78	1.9	700	2.2	36,298	2.2
Healthcare support occupations	15.33	8.4	607	8.0	31,566	8.0
Nursing, psychiatric, and home health aides	13.17	3.7	511	3.7	26,413	3.7
Home health aides	11.20	1.8	440	1.8	22,628	1.8
Nursing aides, orderlies, and attendants	10.91	7.0	438	7.0	22,756	7.0
Psychiatric aides	11.27	1.9	440	2.0	22,539	2.0
Miscellaneous healthcare support occupations	11.45	6.8	458	6.8	23,807	6.8
Dental assistants	14.81	4.9	567	5.1	29,471	5.1
Medical assistants	16.10	7.3	595	8.8	30,952	8.8
Medical transcriptionists	12.87	5.5	510	6.1	26,530	6.1
	17.71	4.4	709	4.4	36,846	4.4

See footnotes at end of table.

RSE Table 11

Full-time¹ civilian workers: Relative standard errors of mean hourly, weekly, and annual earnings — Continued

Occupation ²	Hourly earnings ³		Weekly earnings ⁵		Annual earnings ⁶	
	Mean	Relative error ⁴	Mean	Relative error ⁴	Mean	Relative error ⁴
Protective service occupations	\$16.09	9.1%	\$657	9.6%	\$34,115	9.6%
First-line supervisors/managers, law enforcement workers	37.00	3.9	1,480	3.9	76,951	3.9
First-line supervisors/managers of police and detectives	37.72	2.9	1,509	2.9	78,451	2.9
Fire fighters	18.14	6.8	925	7.5	48,119	7.5
Bailiffs, correctional officers, and jailers	16.26	2.7	651	2.7	33,828	2.7
Correctional officers and jailers	16.25	2.7	650	2.7	33,818	2.7
Police officers	23.89	3.4	956	3.3	49,705	3.3
Police and sheriff's patrol officers	23.89	3.4	956	3.3	49,705	3.3
Security guards and gaming surveillance officers	11.84	6.9	474	6.9	24,531	6.9
Security guards	11.84	6.9	474	6.9	24,529	6.9
Food preparation and serving related occupations	9.51	4.3	362	5.7	18,499	5.7
First-line supervisors/managers, food preparation and serving workers	13.26	5.9	540	7.4	27,624	7.4
First-line supervisors/managers of food preparation and serving workers	13.30	6.8	541	8.1	27,977	8.1
Cooks	10.49	3.8	407	4.0	20,303	4.0
Cooks, institution and cafeteria	10.80	4.9	414	4.7	19,068	4.7
Cooks, restaurant	10.77	3.9	412	5.2	21,434	5.2
Food preparation workers	8.91	4.6	345	3.5	17,723	3.5
Food service, tipped	5.31	10.2	187	15.0	9,722	15.0
Bartenders	8.00	14.0	277	25.7	14,420	25.7
Waiters and waitresses	4.30	7.8	151	11.0	7,866	11.0
Dining room and cafeteria attendants and bartender helpers	8.24	4.8	305	10.9	15,876	10.9
Fast food and counter workers	8.84	5.2	331	6.5	16,980	6.5
Combined food preparation and serving workers, including fast food	8.80	5.5	330	6.8	16,884	6.8
Food servers, nonrestaurant	8.61	2.9	328	5.2	17,073	5.2
Dishwashers	8.59	4.7	321	6.1	16,668	6.1
Building and grounds cleaning and maintenance occupations	12.29	4.5	490	4.9	24,824	4.9
First-line supervisors/managers, building and grounds cleaning and maintenance workers	14.57	8.8	586	8.1	30,154	8.1
First-line supervisors/managers of housekeeping and janitorial workers ...	14.33	10.5	576	9.8	29,962	9.8
Building cleaning workers	11.62	3.8	462	3.9	23,931	3.9

See footnotes at end of table.

RSE Table 11

**Full-time¹ civilian workers: Relative standard errors
of mean hourly, weekly, and annual earnings — Continued**

Occupation ²	Hourly earnings ³		Weekly earnings ⁵		Annual earnings ⁶	
	Mean	Relative error ⁴	Mean	Relative error ⁴	Mean	Relative error ⁴
Building and grounds cleaning and maintenance occupations –Continued						
Janitors and cleaners, except maids and housekeeping cleaners	\$12.50	2.4%	\$498	2.5%	\$25,774	2.5%
Maids and housekeeping cleaners	9.22	5.3	364	5.5	18,928	5.5
Grounds maintenance workers	16.27	11.6	661	13.0	27,981	13.0
Landscaping and groundskeeping workers	16.89	12.1	687	13.6	28,992	13.6
Personal care and service occupations						
Gaming services workers	6.26	8.9	250	8.7	12,987	8.7
Gaming dealers	5.92	3.7	236	3.6	12,273	3.6
Barbers and cosmetologists	10.80	10.3	410	7.9	21,298	7.9
Hairdressers, hairstylists, and cosmetologists	10.80	10.3	410	7.9	21,298	7.9
Child care workers	10.30	4.3	378	10.4	18,512	10.4
Personal and home care aides	9.83	4.2	380	6.2	19,750	6.2
Recreation and fitness workers	14.53	10.0	571	10.0	26,831	10.0
Recreation workers	14.49	10.5	569	10.5	26,622	10.5
Sales and related occupations						
First-line supervisors/managers, sales workers	17.77	4.8	726	4.9	37,616	4.9
First-line supervisors/managers of retail sales workers	16.72	4.9	681	5.0	35,272	5.0
First-line supervisors/managers of non-retail sales workers	26.35	11.7	1,103	11.8	57,379	11.8
Retail sales workers	12.33	3.0	487	2.9	25,263	2.9
Cashiers, all workers	9.74	3.7	384	3.7	19,874	3.7
Cashiers	9.79	3.7	385	3.7	19,956	3.7
Counter and rental clerks and parts salespersons	15.62	9.8	625	9.8	32,522	9.8
Parts salespersons	15.90	10.2	636	10.2	33,075	10.2
Retail salespersons	13.40	2.6	529	3.3	27,459	3.3
Advertising sales agents	19.84	17.2	794	17.2	41,277	17.2
Insurance sales agents	30.39	15.7	1,206	16.2	62,735	16.2
Securities, commodities, and financial services sales agents	64.89	20.2	2,596	20.2	134,977	20.2
Travel agents	15.83	7.8	597	8.6	31,047	8.6
Sales representatives, wholesale and manufacturing	27.34	11.1	1,139	11.8	59,243	11.8
Sales representatives, wholesale and manufacturing, technical and scientific products	34.58	20.4	1,417	20.9	73,680	20.9

See footnotes at end of table.

RSE Table 11

**Full-time¹ civilian workers: Relative standard errors
of mean hourly, weekly, and annual earnings — Continued**

Occupation ²	Hourly earnings ³		Weekly earnings ⁵		Annual earnings ⁶	
	Mean	Relative error ⁴	Mean	Relative error ⁴	Mean	Relative error ⁴
Sales and related occupations –Continued						
Sales representatives, wholesale and manufacturing, except technical and scientific products	\$26.41	12.6%	\$1,103	13.3%	\$57,366	13.3%
Miscellaneous sales and related workers	18.31	17.8	732	17.8	38,086	17.8
Office and administrative support occupations						
First-line supervisors/managers of office and administrative support workers	15.26	1.8	606	1.6	31,388	1.6
Switchboard operators, including answering service	22.09	2.5	883	2.4	45,916	2.4
Financial clerks	10.68	6.5	427	6.5	22,208	6.5
Bill and account collectors	13.74	4.6	546	4.6	28,324	4.6
Billing and posting clerks and machine operators	13.47	7.0	539	7.0	28,027	7.0
Bookkeeping, accounting, and auditing clerks	13.45	4.0	537	4.1	27,916	4.1
Payroll and timekeeping clerks	14.45	7.3	574	7.0	29,753	7.0
Procurement clerks	16.92	6.5	677	6.5	35,192	6.5
Tellers	17.14	12.0	686	12.0	35,647	12.0
Brokers	10.58	3.0	416	3.2	21,656	3.2
Brokerage clerks	15.89	4.6	635	4.6	33,044	4.6
Court, municipal, and license clerks	13.96	7.1	558	7.1	29,010	7.1
Customer service representatives	15.75	4.8	628	4.7	32,631	4.7
Eligibility interviewers, government programs	18.34	11.6	734	11.6	38,150	11.6
File clerks	12.86	11.9	509	10.9	26,485	10.9
Hotel, motel, and resort desk clerks	8.64	5.5	334	4.8	17,352	4.8
Interviewers, except eligibility and loan	12.14	4.7	485	4.6	25,229	4.6
Loan interviewers and clerks	15.27	4.5	606	4.8	31,508	4.8
New accounts clerks	13.63	5.6	545	5.6	28,346	5.6
Order clerks	16.93	8.8	676	8.8	35,168	8.8
Human resources assistants, except payroll and timekeeping	18.77	8.2	751	8.2	39,036	8.2
Receptionists and information clerks	13.18	3.5	523	3.5	27,212	3.5
Dispatchers	15.55	4.0	630	3.8	32,591	3.8
Police, fire, and ambulance dispatchers	15.26	8.6	610	8.6	31,731	8.6
Dispatchers, except police, fire, and ambulance	15.64	4.6	635	4.1	32,842	4.1
Production, planning, and expediting clerks	19.16	6.8	767	6.8	39,860	6.8
Shipping, receiving, and traffic clerks	13.07	5.1	518	4.6	26,947	4.6
Stock clerks and order fillers	14.77	4.8	589	5.0	30,638	5.0
Weighers, measurers, checkers, and samplers, recordkeeping	13.80	11.1	544	11.8	28,298	11.8

See footnotes at end of table.

RSE Table 11

**Full-time¹ civilian workers: Relative standard errors
of mean hourly, weekly, and annual earnings — Continued**

Occupation ²	Hourly earnings ³		Weekly earnings ⁵		Annual earnings ⁶	
	Mean	Relative error ⁴	Mean	Relative error ⁴	Mean	Relative error ⁴
Office and administrative support occupations –Continued						
Secretaries and administrative assistants	\$17.63	2.0%	\$697	2.2%	\$35,637	2.2%
Executive secretaries and administrative assistants	18.94	3.9	756	3.9	39,278	3.9
Legal secretaries	19.44	5.3	774	6.7	40,271	6.7
Medical secretaries	15.69	5.4	615	6.1	31,984	6.1
Secretaries, except legal, medical, and executive	16.09	4.5	629	5.2	31,310	5.2
Computer operators	17.55	6.9	702	6.9	36,495	6.9
Data entry and information processing workers	12.69	3.8	506	3.9	26,296	3.9
Data entry keyers	12.50	6.5	500	6.6	25,976	6.6
Word processors and typists	13.19	9.1	522	8.5	27,158	8.5
Insurance claims and policy processing clerks	15.41	7.8	607	7.4	31,579	7.4
Office clerks, general	13.96	3.3	553	3.2	28,629	3.2
Farming, fishing, and forestry occupations ..	12.88	31.8	515	31.8	26,794	31.8
Construction and extraction occupations	22.06	4.6	884	4.6	44,675	4.6
First-line supervisors/managers of construction trades and extraction workers	29.45	6.0	1,173	5.8	60,638	5.8
Carpenters	21.43	8.4	857	8.4	44,573	8.4
Cement masons, concrete finishers, and terrazzo workers	20.90	14.1	836	14.1	42,398	14.1
Cement masons and concrete finishers	20.90	14.1	836	14.1	42,398	14.1
Construction laborers	17.55	9.8	702	9.8	35,112	9.8
Construction equipment operators	21.62	10.8	865	10.8	38,603	10.8
Operating engineers and other construction equipment operators	22.17	10.7	887	10.7	40,979	10.7
Electricians	21.98	17.7	879	17.7	45,708	17.7
Painters and paperhangers	25.11	11.0	1,004	11.0	52,220	11.0
Painters, construction and maintenance	25.37	11.3	1,015	11.3	52,776	11.3
Pipelayers, plumbers, pipefitters, and steamfitters	28.41	7.4	1,134	7.4	58,982	7.4
Plumbers, pipefitters, and steamfitters	28.62	7.4	1,143	7.5	59,411	7.5
Sheet metal workers	23.45	17.3	915	16.4	47,579	16.4
Helpers, construction trades	13.48	10.5	539	10.5	25,849	10.5
Highway maintenance workers	15.81	2.8	632	2.8	32,688	2.8
Miscellaneous construction and related workers	14.84	4.5	594	4.5	30,871	4.5

See footnotes at end of table.

RSE Table 11

**Full-time¹ civilian workers: Relative standard errors
of mean hourly, weekly, and annual earnings — Continued**

Occupation ²	Hourly earnings ³		Weekly earnings ⁵		Annual earnings ⁶	
	Mean	Relative error ⁴	Mean	Relative error ⁴	Mean	Relative error ⁴
Installation, maintenance, and repair occupations	\$19.94	4.3%	\$801	4.7%	\$41,642	4.7%
First-line supervisors/managers of mechanics, installers, and repairers	26.06	9.6	1,107	14.6	57,541	14.6
Radio and telecommunications equipment installers and repairers	26.54	4.9	1,061	4.9	55,194	4.9
Telecommunications equipment installers and repairers, except line installers	26.50	5.0	1,060	5.0	55,110	5.0
Miscellaneous electrical and electronic equipment mechanics, installers, and repairers	20.58	22.4	823	22.4	42,798	22.4
Aircraft mechanics and service technicians ..	25.27	4.6	1,011	4.6	52,562	4.6
Automotive technicians and repairers	18.50	5.6	743	5.6	38,657	5.6
Automotive body and related repairers	21.41	19.4	863	20.7	44,876	20.7
Automotive service technicians and mechanics	17.60	6.9	707	7.0	36,760	7.0
Bus and truck mechanics and diesel engine specialists	18.48	4.3	746	4.3	38,813	4.3
Heavy vehicle and mobile equipment service technicians and mechanics	17.67	6.0	703	6.4	36,546	6.4
Farm equipment mechanics	14.10	14.6	554	16.2	28,799	16.2
Mobile heavy equipment mechanics, except engines	19.21	5.6	768	5.6	39,957	5.6
Heating, air conditioning, and refrigeration mechanics and installers	20.14	10.7	806	10.7	41,898	10.7
Industrial machinery installation, repair, and maintenance workers	19.02	4.7	761	4.7	39,551	4.7
Industrial machinery mechanics	22.73	4.3	908	4.3	47,215	4.3
Maintenance and repair workers, general ..	16.44	4.3	658	4.3	34,200	4.3
Maintenance workers, machinery	15.37	6.2	615	6.2	31,960	6.2
Line installers and repairers	25.57	6.3	1,023	6.3	53,177	6.3
Electrical power-line installers and repairers	25.84	9.8	1,033	9.8	53,740	9.8
Miscellaneous installation, maintenance, and repair workers	17.61	11.0	704	11.0	36,632	11.0
Helpers--installation, maintenance, and repair workers	15.67	10.4	627	10.4	32,598	10.4
Production occupations	16.19	3.1	647	3.1	33,551	3.1
First-line supervisors/managers of production and operating workers	21.88	7.0	879	7.1	45,726	7.1
Electrical, electronics, and electromechanical assemblers	16.57	12.1	663	12.1	34,466	12.1

See footnotes at end of table.

RSE Table 11

Full-time¹ civilian workers: Relative standard errors of mean hourly, weekly, and annual earnings — Continued

Occupation ²	Hourly earnings ³		Weekly earnings ⁵		Annual earnings ⁶	
	Mean	Relative error ⁴	Mean	Relative error ⁴	Mean	Relative error ⁴
Production occupations –Continued						
Electrical and electronic equipment assemblers	\$16.77	12.4%	\$671	12.4%	\$34,876	12.4%
Miscellaneous assemblers and fabricators	16.06	6.5	641	6.6	33,231	6.6
Team assemblers	19.39	13.8	775	13.8	40,325	13.8
Bakers	12.20	11.3	483	11.1	25,101	11.1
Butchers and other meat, poultry, and fish processing workers	13.50	5.2	540	5.2	28,081	5.2
Butchers and meat cutters	18.81	8.4	752	8.4	39,123	8.4
Slaughterers and meat packers	12.48	1.2	499	1.2	25,954	1.2
Miscellaneous food processing workers	14.82	8.4	593	8.4	30,832	8.4
Food batchmakers	15.17	9.3	607	9.3	31,550	9.3
Computer control programmers and operators	19.01	18.4	758	18.4	39,418	18.4
Computer-controlled machine tool operators, metal and plastic	17.33	16.3	691	16.2	35,924	16.2
Forming machine setters, operators, and tenders, metal and plastic	15.75	3.9	630	3.9	32,757	3.9
Extruding and drawing machine setters, operators, and tenders, metal and plastic	15.86	5.9	634	5.9	32,991	5.9
Machine tool cutting setters, operators, and tenders, metal and plastic	16.20	4.5	647	4.5	33,660	4.5
Cutting, punching, and press machine setters, operators, and tenders, metal and plastic	15.15	6.4	605	6.4	31,454	6.4
Grinding, lapping, polishing, and buffing machine tool setters, operators, and tenders, metal and plastic	17.92	5.8	717	5.8	37,264	5.8
Machinists	21.78	11.4	871	11.4	45,304	11.4
Molders and molding machine setters, operators, and tenders, metal and plastic	12.59	4.5	503	4.6	26,097	4.6
Molding, coremaking, and casting machine setters, operators, and tenders, metal and plastic	12.59	4.5	503	4.6	26,097	4.6
Multiple machine tool setters, operators, and tenders, metal and plastic	19.17	5.8	767	5.8	39,807	5.8
Tool and die makers	23.21	4.0	928	4.0	48,278	4.0
Welding, soldering, and brazing workers	16.54	7.2	661	7.2	34,397	7.2
Welders, cutters, solderers, and brazers	16.77	8.0	671	8.0	34,884	8.0
Miscellaneous metalworkers and plastic workers	15.17	6.8	607	6.8	31,558	6.8
Printers	16.69	6.8	667	6.8	34,675	6.8
Prepress technicians and workers	16.86	16.0	675	16.0	35,076	16.0

See footnotes at end of table.

RSE Table 11

**Full-time¹ civilian workers: Relative standard errors
of mean hourly, weekly, and annual earnings — Continued**

Occupation ²	Hourly earnings ³		Weekly earnings ⁵		Annual earnings ⁶	
	Mean	Relative error ⁴	Mean	Relative error ⁴	Mean	Relative error ⁴
Production occupations —Continued						
Printing machine operators	\$16.41	8.7%	\$655	8.7%	\$34,070	8.7%
Laundry and dry-cleaning workers	10.98	4.4	435	5.0	22,621	5.0
Cabinetmakers and bench carpenters	12.64	6.7	506	6.7	26,289	6.7
Woodworking machine setters, operators, and tenders	14.47	1.7	579	1.7	30,097	1.7
Woodworking machine setters, operators, and tenders, except sawing	14.41	1.8	576	1.8	29,975	1.8
Power plant operators, distributors, and dispatchers	24.19	11.6	967	11.6	50,309	11.6
Power plant operators	24.33	12.3	973	12.3	50,597	12.3
Water and liquid waste treatment plant and system operators	19.11	9.3	765	9.3	39,756	9.3
Chemical processing machine setters, operators, and tenders	17.74	6.9	710	6.9	36,896	6.9
Separating, filtering, clarifying, precipitating, and still machine setters, operators, and tenders	18.84	5.3	753	5.3	39,178	5.3
Crushing, grinding, polishing, mixing, and blending workers	14.67	3.6	587	3.6	30,296	3.6
Mixing and blending machine setters, operators, and tenders	15.63	5.2	625	5.2	32,507	5.2
Cutting workers	14.27	13.3	564	14.2	28,988	14.2
Cutting and slicing machine setters, operators, and tenders	14.69	12.3	579	13.5	30,104	13.5
Inspectors, testers, sorters, samplers, and weighers	18.10	8.5	724	8.5	37,646	8.5
Packaging and filling machine operators and tenders	16.12	3.9	645	3.9	33,527	3.9
Painting workers	19.12	13.4	767	14.0	39,905	14.0
Coating, painting, and spraying machine setters, operators, and tenders	18.03	7.1	721	7.1	37,509	7.1
Miscellaneous production workers	13.14	6.2	525	6.2	26,833	6.2
Helpers--production workers	11.93	8.0	477	8.0	24,807	8.0
Transportation and material moving occupations						
First-line supervisors/managers of helpers, laborers, and material movers, hand	16.49	2.5	683	2.8	35,247	2.8
First-line supervisors/managers of transportation and material-moving machine and vehicle operators	19.18	5.9	777	5.7	40,416	5.7
Bus drivers	26.33	14.8	1,077	13.8	55,985	13.8
Bus drivers, school	17.38	11.5	629	17.6	28,253	17.6
Bus drivers, school	14.66	8.9	502	16.2	21,068	16.2

See footnotes at end of table.

RSE Table 11

Full-time¹ civilian workers: Relative standard errors of mean hourly, weekly, and annual earnings — Continued

Occupation ²	Hourly earnings ³		Weekly earnings ⁵		Annual earnings ⁶	
	Mean	Relative error ⁴	Mean	Relative error ⁴	Mean	Relative error ⁴
Transportation and material moving occupations –Continued						
Driver/sales workers and truck drivers	\$16.40	4.2%	\$712	5.3%	\$36,797	5.3%
Driver/sales workers	14.53	11.6	621	15.4	32,297	15.4
Truck drivers, heavy and tractor-trailer	17.66	4.3	789	4.3	40,617	4.3
Truck drivers, light or delivery services	14.07	9.5	579	10.2	30,093	10.2
Dredge, excavating, and loading machine operators	18.51	5.4	741	5.4	38,509	5.4
Excavating and loading machine and dragline operators	18.47	5.4	739	5.4	38,425	5.4
Industrial truck and tractor operators	14.90	5.3	595	5.3	30,504	5.3
Laborers and material movers, hand	12.87	7.1	512	7.0	26,610	7.0
Cleaners of vehicles and equipment	12.52	12.2	501	12.2	26,046	12.2
Laborers and freight, stock, and material movers, hand	14.04	9.8	555	9.7	28,841	9.7
Machine feeders and offbearers	15.18	3.9	607	3.9	31,570	3.9
Packers and packagers, hand	11.20	5.2	448	5.3	23,289	5.3

¹ Employees are classified as working either a full-time or a part-time schedule based on the definition used by each establishment. Therefore, a worker with a 35-hour-per-week schedule might be considered a full-time employee in one establishment, but classified as part-time in another firm, where a 40-hour week is the minimum full-time schedule.

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.

³ 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.

⁴ 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.

⁵ Mean weekly earnings are the straight-time weekly wages or salaries paid to employees.

⁶ Mean annual earnings are the straight-time annual wages or salaries paid to employees.

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.