

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	\$18.73	1.1%	\$746	1.3%	\$37,901	1.3%
Management occupations	40.89	3.2	1,676	2.8	86,097	2.8
General and operations managers	42.51	8.4	1,823	10.0	94,730	10.0
Advertising and promotions managers	32.87	18.1	1,384	21.7	71,956	21.7
Marketing and sales managers	51.47	14.1	2,140	13.2	111,293	13.2
Marketing managers	57.12	14.1	2,285	14.1	118,817	14.1
Sales managers	45.15	17.5	1,964	15.2	102,144	15.2
Public relations managers	31.27	15.1	1,248	15.4	64,599	15.4
Administrative services managers	32.69	7.0	1,330	7.6	68,535	7.6
Computer and information systems managers	51.01	13.4	2,048	13.1	106,470	13.1
Financial managers	52.57	5.0	2,132	4.7	110,727	4.7
Human resources managers	34.83	6.1	1,400	6.1	72,825	6.1
Compensation and benefits managers	34.39	7.4	1,376	7.4	71,532	7.4
Training and development managers	26.91	9.7	1,076	9.7	55,977	9.7
Industrial production managers	38.76	6.8	1,630	6.1	84,770	6.1
Purchasing managers	45.90	13.0	1,836	13.0	95,474	13.0
Transportation, storage, and distribution managers	34.23	7.9	1,363	8.1	70,712	8.1
Construction managers	32.86	5.4	1,358	5.2	69,605	5.2
Education administrators	36.80	9.2	1,447	9.3	67,480	9.3
Education administrators, preschool and child care center/program	18.77	11.6	751	11.6	39,043	11.6
Education administrators, elementary and secondary school	39.24	3.3	1,537	4.0	67,533	4.0
Education administrators, postsecondary ..	52.06	23.3	2,012	23.4	97,952	23.4
Engineering managers	56.49	9.3	2,300	8.8	119,610	8.8
Food service managers	22.99	9.1	981	7.3	51,025	7.3
Medical and health services managers	29.66	9.7	1,238	11.3	64,362	11.3
Property, real estate, and community association managers	25.42	5.1	1,018	5.1	52,910	5.1
Social and community service managers	19.15	19.6	757	20.2	39,367	20.2
Business and financial operations occupations	27.80	2.4	1,116	2.4	57,978	2.4
Buyers and purchasing agents	27.70	3.7	1,129	3.9	58,731	3.9
Wholesale and retail buyers, except farm products	31.35	9.7	1,254	9.7	65,213	9.7
Purchasing agents, except wholesale, retail, and farm products	25.82	3.7	1,037	3.5	53,937	3.5
Claims adjusters, appraisers, examiners, and investigators	24.59	3.5	965	4.0	50,155	4.0
Claims adjusters, examiners, and investigators	23.83	1.0	933	1.4	48,516	1.4

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
Business and financial operations occupations –Continued						
Compliance officers, except agriculture, construction, health and safety, and transportation	\$21.66	13.3%	\$866	13.3%	\$45,043	13.3%
Cost estimators	31.18	12.2	1,254	12.2	65,222	12.2
Human resources, training, and labor relations specialists	25.02	4.6	994	3.2	51,692	3.2
Employment, recruitment, and placement specialists	22.00	6.2	848	7.8	44,076	7.8
Compensation, benefits, and job analysis specialists	23.21	10.7	996	9.3	51,795	9.3
Training and development specialists	30.19	18.3	1,207	18.3	62,761	18.3
Logisticians	32.77	10.4	1,311	10.4	68,152	10.4
Management analysts	28.75	7.7	1,153	7.9	59,930	7.9
Accountants and auditors	28.95	10.2	1,161	10.2	60,266	10.2
Appraisers and assessors of real estate	12.58	9.2	494	7.6	25,683	7.6
Financial analysts and advisors	30.31	14.2	1,211	14.2	62,990	14.2
Financial analysts	33.08	20.8	1,323	20.8	68,816	20.8
Personal financial advisors	25.51	11.1	1,020	11.1	53,065	11.1
Loan counselors and officers	30.65	8.7	1,228	9.1	63,870	9.1
Loan officers	30.87	8.8	1,237	9.2	64,333	9.2
Computer and mathematical science occupations						
Computer programmers	34.61	4.3	1,387	4.3	71,637	4.3
Computer software engineers	31.03	10.2	1,250	10.4	64,783	10.4
Computer software engineers, applications	41.56	4.9	1,665	4.9	86,559	4.9
Computer software engineers, systems software	40.47	7.6	1,623	7.6	84,376	7.6
software	42.77	4.5	1,711	4.5	88,953	4.5
Computer support specialists	24.38	10.6	976	10.7	50,470	10.7
Computer systems analysts	39.61	5.4	1,585	5.4	82,432	5.4
Database administrators	24.91	9.9	997	9.9	51,819	9.9
Network and computer systems administrators	26.95	6.1	1,082	6.4	53,416	6.4
Network systems and data communications analysts	30.69	3.7	1,228	3.7	63,653	3.7
Architecture and engineering occupations						
Architects, except naval	30.76	7.9	1,239	7.8	64,436	7.8
Architects, except landscape and naval	31.41	6.2	1,256	6.2	65,331	6.2
Architects, except landscape and naval	31.41	6.2	1,256	6.2	65,331	6.2
Engineers	39.62	1.6	1,609	1.3	83,688	1.3
Aerospace engineers	35.29	12.8	1,412	12.8	73,414	12.8
Chemical engineers	48.58	10.7	1,979	8.9	102,883	8.9

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
Architecture and engineering occupations						
–Continued						
Civil engineers	\$32.70	9.8%	\$1,391	10.0%	\$72,320	10.0%
Computer hardware engineers	45.64	9.2	1,863	9.7	96,890	9.7
Electrical and electronics engineers	39.12	5.8	1,588	4.8	82,557	4.8
Electrical engineers	41.26	11.9	1,703	10.6	88,542	10.6
Electronics engineers, except computer	37.27	6.2	1,491	6.2	77,531	6.2
Industrial engineers, including health and						
safety	35.55	5.6	1,426	5.7	74,163	5.7
Industrial engineers	34.76	6.8	1,395	7.0	72,535	7.0
Mechanical engineers	30.15	7.5	1,206	7.5	62,704	7.5
Petroleum engineers	48.19	19.2	1,927	19.2	100,230	19.2
Drafters	23.41	6.2	937	6.1	48,628	6.1
Architectural and civil drafters	24.67	15.7	987	15.7	51,324	15.7
Electrical and electronics drafters	17.05	11.5	682	11.5	35,460	11.5
Mechanical drafters	20.57	8.1	823	8.1	42,792	8.1
Engineering technicians, except drafters	19.59	12.2	781	12.1	40,628	12.1
Electrical and electronic engineering						
technicians	23.99	3.6	960	3.6	49,904	3.6
Surveying and mapping technicians	21.30	35.8	852	35.8	44,294	35.8
Life, physical, and social science occupations	30.71	5.6	1,232	5.4	62,543	5.4
Life scientists	24.38	6.6	981	6.7	51,018	6.7
Biological scientists	24.40	9.9	981	9.6	51,036	9.6
Medical scientists	23.90	8.9	956	8.9	49,714	8.9
Physical scientists	40.01	5.6	1,622	5.7	81,949	5.7
Environmental scientists and geoscientists	44.02	8.9	1,792	7.7	93,186	7.7
Environmental scientists and						
specialists, including health	26.44	5.2	1,058	5.2	54,991	5.2
Geoscientists, except hydrologists and						
geographers	56.82	2.5	2,345	6.3	121,926	6.3
Hydrologists	28.28	11.9	1,131	11.9	58,821	11.9
Market and survey researchers	32.26	7.4	1,290	7.4	67,093	7.4
Market research analysts	32.26	7.4	1,290	7.4	67,093	7.4
Psychologists	32.50	6.3	1,268	7.2	55,888	7.2
Clinical, counseling, and school						
psychologists	35.94	3.0	1,424	2.4	59,450	2.4
Miscellaneous life, physical, and social						
science technicians	18.54	20.2	730	21.0	37,972	21.0
Environmental science and protection						
technicians, including health	19.53	24.9	781	24.9	40,628	24.9
Community and social services occupations	19.60	3.0	781	2.9	38,700	2.9
Counselors	26.34	4.3	1,042	4.1	47,244	4.1

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
Community and social services occupations						
–Continued						
Educational, vocational, and school						
counselors	\$27.85	4.8%	\$1,100	4.5%	\$48,466	4.5%
Social workers	17.40	3.4	697	3.4	36,116	3.4
Child, family, and school social workers ..	16.79	4.0	671	3.8	34,561	3.8
Medical and public health social workers	18.03	3.7	721	3.7	37,511	3.7
Mental health and substance abuse social						
workers	16.39	7.2	666	6.6	34,647	6.6
Miscellaneous community and social service						
specialists	14.21	6.7	567	6.7	29,476	6.7
Probation officers and correctional						
treatment specialists	19.28	4.7	771	4.7	40,110	4.7
Social and human service assistants	11.98	7.3	478	7.2	24,838	7.2
Legal occupations	29.75	22.5	1,224	24.1	63,630	24.1
Lawyers	50.94	13.4	2,207	15.4	114,782	15.4
Miscellaneous legal support workers	22.25	5.9	916	6.1	47,616	6.1
Title examiners, abstractors, and searchers	21.57	5.2	896	6.3	46,584	6.3
Education, training, and library occupations	28.15	3.0	1,095	3.0	42,187	3.0
Postsecondary teachers	44.67	7.8	1,759	8.0	72,898	8.0
Business teachers, postsecondary	35.36	28.4	1,354	30.1	54,266	30.1
Life sciences teachers, postsecondary	38.94	14.2	1,558	14.2	68,743	14.2
Biological science teachers,						
postsecondary	38.94	14.2	1,558	14.2	68,743	14.2
Physical sciences teachers, postsecondary	50.16	13.9	1,975	15.5	70,517	15.5
Social sciences teachers, postsecondary	43.73	9.6	1,736	9.9	67,904	9.9
Health teachers, postsecondary	54.91	21.9	2,160	22.3	102,929	22.3
Health specialties teachers,						
postsecondary	68.53	22.5	2,731	22.6	130,876	22.6
Nursing instructors and teachers,						
postsecondary	28.95	6.0	1,112	7.5	52,411	7.5
Arts, communications, and humanities						
teachers, postsecondary	37.63	6.4	1,448	5.8	55,773	5.8
Art, drama, and music teachers,						
postsecondary	38.68	5.7	1,531	6.1	61,554	6.1
Philosophy and religion teachers,						
postsecondary	33.82	11.5	1,282	11.2	50,994	11.2
Miscellaneous postsecondary teachers	43.30	6.2	1,722	6.2	69,486	6.2
Vocational education teachers,						
postsecondary	23.97	8.0	950	7.9	47,437	7.9
Primary, secondary, and special education						
school teachers	29.79	1.1	1,154	1.0	42,966	1.0

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
Education, training, and library occupations						
–Continued						
Preschool and kindergarten teachers	\$23.37	9.3%	\$908	8.7%	\$37,647	8.7%
Preschool teachers, except special education	18.35	13.1	720	12.2	32,179	12.2
Kindergarten teachers, except special education	30.39	3.4	1,165	3.2	43,965	3.2
Elementary and middle school teachers	30.05	.4	1,164	.5	42,767	.5
Elementary school teachers, except special education	30.28	.8	1,174	.7	42,991	.7
Middle school teachers, except special and vocational education	29.37	2.1	1,132	2.8	42,054	2.8
Secondary school teachers	30.71	1.5	1,189	1.5	43,961	1.5
Secondary school teachers, except special and vocational education	30.84	1.4	1,193	1.5	43,847	1.5
Vocational education teachers, secondary school	29.09	10.5	1,130	9.7	45,561	9.7
Special education teachers	31.50	2.0	1,217	1.5	45,295	1.5
Special education teachers, preschool, kindergarten, and elementary school	30.89	1.9	1,201	1.7	44,632	1.7
Special education teachers, middle school	32.54	5.5	1,246	3.3	46,472	3.3
Special education teachers, secondary school	31.90	4.8	1,221	5.3	45,638	5.3
Other teachers and instructors	25.89	9.1	881	11.5	33,997	11.5
Adult literacy, remedial education, and GED teachers and instructors	28.84	9.5	1,056	8.2	41,497	8.2
Librarians	28.06	5.5	1,093	4.7	47,728	4.7
Library technicians	12.39	6.2	491	6.4	23,163	6.4
Instructional coordinators	29.34	14.2	1,192	11.3	51,822	11.3
Teacher assistants	11.33	2.1	439	2.0	17,005	2.0
Arts, design, entertainment, sports, and media occupations	22.10	8.4	879	8.9	45,029	8.9
Designers	20.91	10.5	839	10.7	43,634	10.7
Graphic designers	18.75	8.2	751	8.3	39,040	8.3
Athletes, coaches, umpires, and related workers	27.98	31.1	1,119	32.7	55,040	32.7
Coaches and scouts	27.98	31.1	1,119	32.7	55,040	32.7
News analysts, reporters and correspondents	19.00	13.2	760	13.2	39,530	13.2
Reporters and correspondents	21.11	10.5	844	10.5	43,903	10.5
Public relations specialists	24.06	12.9	961	12.9	49,972	12.9
Writers and editors	20.71	6.6	829	6.6	43,083	6.6
Editors	20.86	7.0	834	7.0	43,383	7.0

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
Arts, design, entertainment, sports, and media occupations –Continued						
Technical writers	\$20.08	9.7%	\$803	9.7%	\$41,763	9.7%
Healthcare practitioner and technical occupations						
Pharmacists	25.79	7.8	1,023	8.2	52,811	8.2
Physicians and surgeons	50.55	1.1	2,028	.8	105,466	.8
Registered nurses	84.48	13.2	3,706	18.1	192,735	18.1
Therapists	28.32	3.6	1,113	3.8	57,488	3.8
Occupational therapists	30.76	9.2	1,216	9.3	59,840	9.3
Physical therapists	28.16	11.6	1,126	11.6	56,940	11.6
Respiratory therapists	35.51	17.4	1,400	17.8	72,527	17.8
Speech-language pathologists	22.39	2.8	894	3.1	46,470	3.1
Clinical laboratory technologists and technicians	31.87	1.9	1,231	2.7	48,783	2.7
Medical and clinical laboratory technologists	17.31	12.9	688	12.7	35,777	12.7
Medical and clinical laboratory technicians	21.28	9.6	843	9.3	43,839	9.3
Diagnostic related technologists and technicians	14.87	12.8	592	12.6	30,789	12.6
Cardiovascular technologists and technicians	22.25	5.6	890	5.6	46,275	5.6
Radiologic technologists and technicians ..	20.17	13.4	807	13.4	41,953	13.4
Emergency medical technicians and paramedics	22.45	4.6	898	4.6	46,697	4.6
Health diagnosing and treating practitioner support technicians	11.68	14.4	462	12.0	24,012	12.0
Pharmacy technicians	15.41	4.5	610	4.5	31,736	4.5
Respiratory therapy technicians	13.53	4.7	537	4.7	27,914	4.7
Surgical technologists	20.29	3.2	812	3.2	42,198	3.2
Licensed practical and licensed vocational nurses	17.53	5.9	690	6.2	35,864	6.2
Medical records and health information technicians	17.63	3.0	692	3.3	35,771	3.3
Miscellaneous health technologists and technicians	16.33	19.2	646	19.7	33,594	19.7
Occupational health and safety specialists and technicians	15.93	13.5	636	13.4	33,066	13.4
Occupational health and safety specialists	22.43	13.7	897	13.7	46,646	13.7
Occupational health and safety specialists	22.72	14.4	909	14.4	47,267	14.4
Healthcare support occupations						
Nursing, psychiatric, and home health aides	11.69	6.9	447	7.3	23,176	7.3
	9.31	2.8	353	5.1	18,297	5.1

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
Healthcare support occupations –Continued						
Home health aides	\$7.79	11.4%	\$264	21.6%	\$13,640	21.6%
Nursing aides, orderlies, and attendants	9.68	1.4	380	1.8	19,708	1.8
Psychiatric aides	9.60	3.5	364	2.3	18,909	2.3
Physical therapist assistants and aides	25.04	15.6	1,002	15.6	52,079	15.6
Miscellaneous healthcare support occupations	12.80	5.6	491	4.6	25,545	4.6
Dental assistants	16.54	6.1	572	7.1	29,753	7.1
Medical assistants	11.41	3.0	456	3.2	23,686	3.2
Medical transcriptionists	12.92	4.7	517	4.7	26,864	4.7
Protective service occupations	16.28	4.9	676	5.2	34,830	5.2
First-line supervisors/managers, law enforcement workers	25.86	6.8	1,041	6.8	54,119	6.8
First-line supervisors/managers of correctional officers	18.67	8.2	758	7.8	39,403	7.8
First-line supervisors/managers of police and detectives	28.60	6.8	1,147	6.7	59,650	6.7
First-line supervisors/managers of fire fighting and prevention workers	23.92	6.2	1,121	8.2	58,301	8.2
Fire fighters	18.66	6.3	962	6.4	50,043	6.4
Bailiffs, correctional officers, and jailers	14.08	5.6	568	5.5	29,539	5.5
Correctional officers and jailers	14.02	5.3	566	5.2	29,429	5.2
Detectives and criminal investigators	20.42	6.7	820	6.6	42,653	6.6
Police officers	20.98	4.1	839	4.0	43,410	4.0
Police and sheriff's patrol officers	20.98	4.1	839	4.0	43,410	4.0
Security guards and gaming surveillance officers	10.24	8.3	408	8.3	21,087	8.3
Security guards	10.16	8.2	405	8.2	20,914	8.2
Miscellaneous protective service workers	10.40	10.2	396	10.8	14,659	10.8
Food preparation and serving related occupations	7.60	4.4	288	4.6	14,605	4.6
First-line supervisors/managers, food preparation and serving workers	13.68	4.5	567	3.9	28,420	3.9
First-line supervisors/managers of food preparation and serving workers	13.68	4.5	567	3.9	28,420	3.9
Cooks	8.86	1.7	340	2.5	17,143	2.5
Cooks, fast food	7.55	3.7	278	8.0	14,467	8.0
Cooks, institution and cafeteria	9.70	3.6	369	4.0	17,220	4.0
Cooks, restaurant	9.08	2.8	354	3.0	18,399	3.0
Cooks, short order	8.23	2.8	329	2.8	17,123	2.8
Food preparation workers	8.15	7.4	314	8.5	15,747	8.5
Food service, tipped	4.04	7.6	149	8.3	7,709	8.3

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
Food preparation and serving related occupations –Continued						
Bartenders	\$5.75	8.9%	\$213	11.4%	\$10,905	11.4%
Waiters and waitresses	3.08	6.2	112	6.2	5,817	6.2
Dining room and cafeteria attendants and bartender helpers	6.39	13.4	245	14.1	12,699	14.1
Fast food and counter workers	7.75	5.5	291	4.3	14,466	4.3
Combined food preparation and serving workers, including fast food	7.73	5.8	290	4.3	14,401	4.3
Counter attendants, cafeteria, food concession, and coffee shop	7.88	6.8	298	6.3	14,967	6.3
Food servers, nonrestaurant	8.00	10.3	306	9.6	15,917	9.6
Dishwashers	7.70	2.5	297	3.3	15,424	3.3
Hosts and hostesses, restaurant, lounge, and coffee shop	6.80	16.2	247	15.2	12,836	15.2
Building and grounds cleaning and maintenance occupations						
First-line supervisors/managers, building and grounds cleaning and maintenance workers	9.23	1.1	359	1.4	18,469	1.4
First-line supervisors/managers of housekeeping and janitorial workers ...	13.38	8.6	532	9.4	27,669	9.4
First-line supervisors/managers of landscaping, lawn service, and groundskeeping workers	12.87	9.4	506	9.9	26,298	9.9
Building cleaning workers	15.93	11.7	674	12.8	35,028	12.8
Janitors and cleaners, except maids and housekeeping cleaners	8.83	1.6	342	1.5	17,575	1.5
Maids and housekeeping cleaners	9.23	5.2	365	5.2	18,732	5.2
Grounds maintenance workers	7.81	4.1	290	5.4	14,976	5.4
Landscaping and groundskeeping workers	9.59	8.8	380	8.7	19,663	8.7
	9.37	8.8	371	8.7	19,198	8.7
Personal care and service occupations						
First-line supervisors/managers of personal service workers	10.82	4.8	399	3.5	20,378	3.5
Nonfarm animal caretakers	11.60	3.1	446	2.7	23,195	2.7
Miscellaneous entertainment attendants and related workers	10.85	8.6	434	8.6	22,563	8.6
Amusement and recreation attendants	11.06	26.0	412	28.2	21,444	28.2
Barbers and cosmetologists	11.06	26.0	412	28.2	21,444	28.2
Hairdressers, hairstylists, and cosmetologists	10.44	5.9	382	7.8	19,859	7.8
Baggage porters, bellhops, and concierges	10.69	7.1	399	9.1	20,746	9.1
	7.10	8.3	284	8.3	14,776	8.3

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
Personal care and service occupations						
–Continued						
Baggage porters and bellhops	\$7.10	8.3%	\$284	8.3%	\$14,776	8.3%
Transportation attendants	32.34	15.9	673	3.7	34,786	3.7
Flight attendants	40.01	1.2	726	3.4	37,743	3.4
Child care workers	8.62	4.9	339	4.6	17,366	4.6
Recreation and fitness workers	15.35	6.9	588	7.6	23,113	7.6
Recreation workers	15.33	7.3	597	9.2	23,043	9.2
Sales and related occupations	17.67	2.5	714	2.2	37,085	2.2
First-line supervisors/managers, sales workers	23.45	16.1	970	16.2	50,432	16.2
First-line supervisors/managers of retail sales workers	16.53	4.6	679	5.8	35,326	5.8
First-line supervisors/managers of non-retail sales workers	41.16	32.7	1,729	32.4	89,908	32.4
Retail sales workers	11.80	2.9	473	3.8	24,545	3.8
Cashiers, all workers	8.47	3.9	331	3.9	17,137	3.9
Cashiers	8.47	3.9	331	3.9	17,137	3.9
Counter and rental clerks and parts salespersons	15.64	17.5	625	17.8	32,514	17.8
Counter and rental clerks	16.30	22.5	650	22.9	33,785	22.9
Parts salespersons	14.49	10.0	583	10.7	30,302	10.7
Retail salespersons	12.72	5.7	517	6.8	26,887	6.8
Advertising sales agents	51.55	39.3	1,912	40.3	99,448	40.3
Insurance sales agents	18.78	5.0	765	5.9	39,764	5.9
Securities, commodities, and financial services sales agents	23.86	22.0	954	22.0	49,626	22.0
Sales representatives, wholesale and manufacturing	29.20	8.8	1,202	8.2	62,499	8.2
Sales representatives, wholesale and manufacturing, technical and scientific products	36.68	9.1	1,500	9.2	78,005	9.2
Sales representatives, wholesale and manufacturing, except technical and scientific products	26.11	13.5	1,078	13.3	56,043	13.3
Models, demonstrators, and product promoters	11.62	9.1	464	9.2	24,149	9.2
Demonstrators and product promoters	11.62	9.1	464	9.2	24,149	9.2
Telemarketers	10.08	8.0	401	7.6	20,851	7.6
Miscellaneous sales and related workers	18.31	33.6	731	33.4	37,876	33.4
Office and administrative support occupations	14.17	1.0	562	1.0	29,059	1.0

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
Office and administrative support occupations –Continued						
First-line supervisors/managers of office and administrative support workers	\$22.69	4.9%	\$907	5.0%	\$47,172	5.0%
Switchboard operators, including answering service	10.37	6.6	403	7.5	20,967	7.5
Financial clerks	14.00	2.1	557	2.1	28,958	2.1
Bill and account collectors	14.51	8.1	579	8.1	30,105	8.1
Billing and posting clerks and machine operators	13.64	3.0	540	3.4	28,089	3.4
Bookkeeping, accounting, and auditing clerks	14.61	1.8	581	1.9	30,194	1.9
Payroll and timekeeping clerks	14.21	3.8	554	5.9	28,696	5.9
Procurement clerks	15.80	13.5	632	13.5	32,869	13.5
Tellers	11.68	3.6	467	3.6	24,284	3.6
Correspondence clerks	17.60	5.4	704	5.4	36,605	5.4
Court, municipal, and license clerks	13.41	7.8	526	8.2	27,349	8.2
Credit authorizers, checkers, and clerks	13.89	5.7	542	7.0	28,207	7.0
Customer service representatives	14.29	5.8	566	5.6	29,403	5.6
Eligibility interviewers, government programs	12.46	14.8	482	14.7	23,874	14.7
File clerks	11.74	6.6	468	6.7	24,328	6.7
Hotel, motel, and resort desk clerks	8.51	6.6	332	6.5	17,240	6.5
Interviewers, except eligibility and loan	12.41	6.8	498	6.7	25,889	6.7
Library assistants, clerical	12.30	5.9	471	6.5	23,118	6.5
Loan interviewers and clerks	15.72	6.7	622	6.6	32,369	6.6
New accounts clerks	12.05	7.2	481	7.4	25,002	7.4
Order clerks	12.27	10.9	486	10.8	25,283	10.8
Human resources assistants, except payroll and timekeeping	15.96	8.1	635	8.3	32,984	8.3
Receptionists and information clerks	11.26	2.3	445	2.4	23,081	2.4
Reservation and transportation ticket agents and travel clerks	15.85	10.9	634	10.9	32,968	10.9
Couriers and messengers	11.00	3.8	430	2.2	22,355	2.2
Dispatchers	13.79	6.5	558	7.7	28,994	7.7
Police, fire, and ambulance dispatchers	14.33	5.9	588	6.9	30,577	6.9
Dispatchers, except police, fire, and ambulance	13.63	7.9	549	9.2	28,532	9.2
Meter readers, utilities	11.67	9.9	467	9.9	24,264	9.9
Production, planning, and expediting clerks	15.97	6.0	639	6.0	33,221	6.0
Shipping, receiving, and traffic clerks	11.66	4.8	465	4.8	24,176	4.8
Stock clerks and order fillers	12.16	3.9	488	3.9	25,164	3.9
Secretaries and administrative assistants	16.76	2.6	661	2.7	33,787	2.7

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						
Executive secretaries and administrative assistants	\$19.92	3.2%	\$793	3.1%	\$40,942	3.1%
Legal secretaries	16.01	5.0	636	5.2	33,064	5.2
Medical secretaries	13.60	15.7	539	15.4	28,050	15.4
Secretaries, except legal, medical, and executive	15.25	2.4	593	2.7	29,716	2.7
Computer operators	17.24	8.0	689	8.0	35,815	8.0
Data entry and information processing workers	11.87	4.8	473	4.7	24,505	4.7
Data entry keyers	11.59	4.5	462	4.5	23,945	4.5
Word processors and typists	12.75	4.9	505	4.3	26,256	4.3
Desktop publishers	17.36	9.8	672	7.9	34,939	7.9
Insurance claims and policy processing clerks	14.41	5.6	566	5.6	29,435	5.6
Mail clerks and mail machine operators, except postal service	11.40	7.6	449	7.3	23,357	7.3
Office clerks, general	12.40	2.5	490	2.2	25,165	2.2
Farming, fishing, and forestry occupations ..	13.04	18.8	522	18.8	24,702	18.8
Construction and extraction occupations	16.42	4.5	663	4.8	34,368	4.8
First-line supervisors/managers of construction trades and extraction workers	24.19	12.7	1,007	14.6	52,344	14.6
Carpenters	13.76	2.9	550	2.9	28,488	2.9
Cement masons, concrete finishers, and terrazzo workers	12.59	3.9	503	3.9	25,866	3.9
Cement masons and concrete finishers	12.59	3.9	503	3.9	25,866	3.9
Construction laborers	10.94	4.6	438	4.6	22,707	4.6
Construction equipment operators	13.92	4.1	557	4.1	28,947	4.1
Paving, surfacing, and tamping equipment operators	11.85	7.7	474	7.7	24,648	7.7
Operating engineers and other construction equipment operators	14.55	3.1	582	3.1	30,266	3.1
Electricians	16.66	7.4	667	7.4	34,663	7.4
Insulation workers	18.81	2.4	752	2.4	39,125	2.4
Insulation workers, mechanical	19.00	1.2	760	1.2	39,522	1.2
Painters and paperhangers	14.20	7.4	568	7.4	29,534	7.4
Painters, construction and maintenance	14.20	7.4	568	7.4	29,534	7.4
Pipelayers, plumbers, pipefitters, and steamfitters	18.15	4.1	726	4.1	37,759	4.1
Pipelayers	11.15	2.5	446	2.5	23,185	2.5

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
Construction and extraction occupations						
–Continued						
Plumbers, pipefitters, and steamfitters	\$18.95	3.9%	\$758	3.9%	\$39,407	3.9%
Sheet metal workers	14.88	4.6	595	4.6	30,960	4.6
Helpers, construction trades	11.31	3.5	452	3.5	23,449	3.5
Helpers--pipelayers, plumbers, pipefitters, and steamfitters	13.94	10.9	557	10.9	28,987	10.9
Construction and building inspectors	27.75	20.1	1,110	20.1	57,720	20.1
Highway maintenance workers	13.75	19.1	550	19.1	28,607	19.1
Miscellaneous construction and related workers	14.62	19.5	585	19.5	30,415	19.5
Derrick, rotary drill, and service unit operators, oil, gas, and mining	22.25	20.8	890	20.8	46,289	20.8
Roustabouts, oil and gas	20.96	5.4	838	5.4	43,597	5.4
Installation, maintenance, and repair occupations	18.18	2.1	733	2.1	37,936	2.1
First-line supervisors/managers of mechanics, installers, and repairers	25.70	5.0	1,072	5.2	55,747	5.2
Computer, automated teller, and office machine repairers	15.71	13.3	629	13.3	32,686	13.3
Radio and telecommunications equipment installers and repairers	23.03	11.8	921	11.8	47,904	11.8
Telecommunications equipment installers and repairers, except line installers	23.03	11.8	921	11.8	47,904	11.8
Miscellaneous electrical and electronic equipment mechanics, installers, and repairers	18.89	7.8	761	8.0	39,577	8.0
Electrical and electronics repairers, commercial and industrial equipment	18.58	6.7	743	6.7	38,652	6.7
Aircraft mechanics and service technicians ..	27.30	7.2	1,146	11.1	57,035	11.1
Automotive technicians and repairers	17.19	4.6	701	4.6	36,460	4.6
Automotive body and related repairers	14.90	10.7	601	10.8	31,239	10.8
Automotive service technicians and mechanics	17.76	5.1	727	5.0	37,793	5.0
Bus and truck mechanics and diesel engine specialists	16.82	5.3	678	5.9	35,239	5.9
Heavy vehicle and mobile equipment service technicians and mechanics	17.78	6.5	711	6.5	36,984	6.5
Mobile heavy equipment mechanics, except engines	17.27	3.2	691	3.2	35,913	3.2
Rail car repairers	19.76	10.8	790	10.8	41,093	10.8
Small engine mechanics	17.37	24.2	689	23.1	35,827	23.1
Control and valve installers and repairers	18.16	10.6	726	10.6	37,775	10.6

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 –Continued						
Control and valve installers and repairers, except mechanical door	\$18.16	10.6%	\$726	10.6%	\$37,775	10.6%
Heating, air conditioning, and refrigeration mechanics and installers	20.41	9.3	814	9.5	42,276	9.5
Industrial machinery installation, repair, and maintenance workers	16.65	3.4	665	3.4	34,418	3.4
Industrial machinery mechanics	19.67	6.9	787	6.9	40,499	6.9
Maintenance and repair workers, general ..	14.70	3.8	588	3.8	30,463	3.8
Maintenance workers, machinery	15.69	10.0	623	9.7	32,399	9.7
Line installers and repairers	23.54	4.7	942	4.7	48,966	4.7
Electrical power-line installers and repairers	25.15	4.5	1,006	4.5	52,308	4.5
Telecommunications line installers and repairers	22.09	6.9	884	6.9	45,948	6.9
Miscellaneous installation, maintenance, and repair workers	13.51	10.5	540	10.3	27,702	10.3
Helpers--installation, maintenance, and repair workers	10.70	9.2	428	9.2	21,438	9.2
Production occupations	13.73	3.1	548	3.1	28,464	3.1
First-line supervisors/managers of production and operating workers	21.87	6.2	878	5.7	45,674	5.7
Aircraft structure, surfaces, rigging, and systems assemblers	20.90	9.7	836	9.7	43,474	9.7
Electrical, electronics, and electromechanical assemblers	11.49	3.8	459	3.8	23,859	3.8
Electrical and electronic equipment assemblers	11.88	4.4	475	4.4	24,676	4.4
Structural metal fabricators and fitters	18.57	6.1	743	6.1	38,618	6.1
Miscellaneous assemblers and fabricators	11.38	5.4	454	5.4	23,600	5.4
Team assemblers	8.85	4.0	354	4.0	18,407	4.0
Bakers	10.04	14.8	400	14.8	20,570	14.8
Butchers and other meat, poultry, and fish processing workers	11.04	7.9	438	8.0	22,781	8.0
Butchers and meat cutters	15.41	3.5	585	5.3	30,432	5.3
Miscellaneous food processing workers	11.31	10.8	452	10.8	23,528	10.8
Computer control programmers and operators	16.92	17.7	676	17.8	35,138	17.8
Computer-controlled machine tool operators, metal and plastic	16.78	19.3	670	19.4	34,848	19.4
Forming machine setters, operators, and tenders, metal and plastic	10.41	31.6	414	31.6	21,510	31.6

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						
Extruding and drawing machine setters, operators, and tenders, metal and plastic	\$10.15	35.2%	\$403	35.2%	\$20,967	35.2%
Machine tool cutting setters, operators, and tenders, metal and plastic	12.99	9.1	520	9.1	27,017	9.1
Cutting, punching, and press machine setters, operators, and tenders, metal and plastic	11.38	7.6	455	7.6	23,668	7.6
Grinding, lapping, polishing, and buffing machine tool setters, operators, and tenders, metal and plastic	12.28	9.7	491	9.7	25,553	9.7
Machinists	17.30	8.4	693	8.1	36,016	8.1
Molders and molding machine setters, operators, and tenders, metal and plastic	10.47	10.2	416	10.2	21,639	10.2
Molding, coremaking, and casting machine setters, operators, and tenders, metal and plastic	10.47	10.2	416	10.2	21,639	10.2
Multiple machine tool setters, operators, and tenders, metal and plastic	12.63	7.3	505	7.3	26,269	7.3
Tool and die makers	19.96	7.7	799	7.7	41,526	7.7
Welding, soldering, and brazing workers	14.66	6.4	586	6.4	30,484	6.4
Welders, cutters, solderers, and brazers	14.73	6.5	589	6.5	30,637	6.5
Miscellaneous metalworkers and plastic workers	14.03	10.4	558	10.6	29,001	10.6
Plating and coating machine setters, operators, and tenders, metal and plastic	11.03	36.1	439	36.1	22,851	36.1
Bookbinders and bindery workers	15.32	4.8	613	4.8	31,858	4.8
Bindery workers	15.05	5.0	602	5.0	31,294	5.0
Printers	16.34	7.4	650	7.4	33,802	7.4
Prepress technicians and workers	17.41	7.5	690	7.7	35,861	7.7
Printing machine operators	16.18	8.3	644	8.3	33,510	8.3
Laundry and dry-cleaning workers	8.88	2.9	353	3.1	18,354	3.1
Sewing machine operators	9.24	9.6	370	9.6	19,223	9.6
Miscellaneous textile, apparel, and furnishings workers	11.57	21.2	456	19.3	23,717	19.3
Woodworking machine setters, operators, and tenders	12.27	7.7	472	9.1	24,569	9.1
Power plant operators, distributors, and dispatchers	29.72	15.4	1,189	15.4	61,819	15.4
Stationary engineers and boiler operators	17.55	12.0	702	12.0	36,502	12.0
Water and liquid waste treatment plant and system operators	18.47	19.2	739	19.2	38,426	19.2

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
Production occupations —Continued						
Miscellaneous plant and system operators	\$26.98	5.2%	\$1,080	5.2%	\$56,158	5.2%
Petroleum pump system operators, refinery operators, and gaugers	26.43	7.8	1,059	7.8	55,047	7.8
Crushing, grinding, polishing, mixing, and blending workers	14.27	8.1	571	8.1	29,689	8.1
Mixing and blending machine setters, operators, and tenders	14.42	8.7	577	8.7	29,993	8.7
Furnace, kiln, oven, drier, and kettle operators and tenders	13.30	5.4	532	5.4	27,672	5.4
Inspectors, testers, sorters, samplers, and weighers	14.75	7.5	590	7.5	30,689	7.5
Packaging and filling machine operators and tenders	12.25	5.9	490	5.9	25,488	5.9
Painting workers	15.52	10.1	623	10.4	32,419	10.4
Coating, painting, and spraying machine setters, operators, and tenders	10.97	3.3	439	3.3	22,815	3.3
Painters, transportation equipment	18.91	22.2	761	22.9	39,594	22.9
Miscellaneous production workers	10.94	4.7	435	4.7	22,619	4.7
Molders, shapers, and casters, except metal and plastic	9.60	13.5	384	13.5	19,962	13.5
Helpers--production workers	10.90	2.1	433	2.4	22,507	2.4
Transportation and material moving occupations						
First-line supervisors/managers of helpers, laborers, and material movers, hand	14.32	6.1	582	7.7	29,896	7.7
First-line supervisors/managers of transportation and material-moving machine and vehicle operators	15.49	9.0	621	9.1	32,269	9.1
Bus drivers	24.54	9.1	1,009	11.4	52,492	11.4
Bus drivers, transit and intercity	14.97	7.0	506	7.9	20,628	7.9
Bus drivers, school	16.52	7.4	661	7.4	34,367	7.4
Bus drivers, school	14.15	10.9	443	11.8	16,579	11.8
Driver/sales workers and truck drivers	15.27	4.3	655	7.4	34,029	7.4
Driver/sales workers	14.39	11.5	598	10.7	31,096	10.7
Truck drivers, heavy and tractor-trailer	16.19	7.3	715	11.9	37,200	11.9
Truck drivers, light or delivery services	13.52	8.6	550	7.5	28,501	7.5
Taxi drivers and chauffeurs	8.33	7.9	328	7.8	17,079	7.8
Sailors and marine oilers	14.46	.0	619	.0	32,186	.0
Crane and tower operators	18.00	5.8	720	5.8	37,449	5.8
Dredge, excavating, and loading machine operators	12.79	6.4	512	6.4	26,607	6.4
Excavating and loading machine and dragline operators	12.79	6.4	512	6.4	26,607	6.4

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
Transportation and material moving occupations –Continued						
Industrial truck and tractor operators	\$11.77	10.6%	\$471	10.6%	\$24,494	10.6%
Laborers and material movers, hand	10.28	2.0	406	2.2	20,854	2.2
Cleaners of vehicles and equipment	9.98	5.5	399	5.5	20,769	5.5
Laborers and freight, stock, and material movers, hand	10.78	3.0	424	3.3	21,576	3.3
Machine feeders and offbearers	10.83	9.3	433	9.3	22,519	9.3
Packers and packagers, hand	8.34	3.6	326	4.7	16,956	4.7
Refuse and recyclable material collectors	11.79	2.1	472	2.1	24,527	2.1

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.