

RSE Table 12

**Full-time¹ private industry 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	\$20.05	1.3%	\$797	1.4%	\$41,227	1.4%
Management occupations	41.44	2.2	1,705	2.7	88,620	2.7
Chief executives	69.62	22.3	3,244	16.5	168,687	16.5
General and operations managers	46.44	7.0	1,978	8.0	102,871	8.0
Advertising and promotions managers	35.00	14.4	1,397	12.7	72,649	12.7
Marketing and sales managers	42.33	4.6	1,727	5.1	89,795	5.1
Marketing managers	46.64	7.2	1,860	7.5	96,709	7.5
Sales managers	38.82	7.1	1,614	7.0	83,928	7.0
Public relations managers	45.32	35.2	1,806	34.5	93,889	34.5
Administrative services managers	31.30	7.7	1,300	6.9	67,614	6.9
Computer and information systems managers	53.47	5.3	2,188	5.8	113,766	5.8
Financial managers	43.02	4.4	1,735	4.4	90,191	4.4
Human resources managers	48.96	9.6	2,027	10.3	105,409	10.3
Industrial production managers	37.54	8.7	1,529	9.3	79,532	9.3
Purchasing managers	38.78	9.6	1,584	9.3	82,386	9.3
Transportation, storage, and distribution managers	40.09	12.5	1,595	12.5	82,965	12.5
Construction managers	39.40	6.6	1,643	5.6	85,368	5.6
Education administrators	34.51	19.5	1,364	20.0	69,985	20.0
Education administrators, elementary and secondary school	37.92	5.6	1,434	11.1	73,944	11.1
Education administrators, postsecondary ..	51.81	21.7	2,061	20.8	104,834	20.8
Engineering managers	54.10	5.7	2,230	5.9	115,957	5.9
Food service managers	24.00	8.5	1,154	11.3	59,660	11.3
Medical and health services managers	31.03	17.6	1,341	13.5	69,722	13.5
Property, real estate, and community association managers	24.30	10.3	984	10.1	51,172	10.1
Social and community service managers	26.35	6.6	1,049	6.2	54,570	6.2
Business and financial operations occupations	32.86	3.0	1,327	3.0	69,027	3.0
Buyers and purchasing agents	27.08	5.8	1,084	5.9	56,355	5.9
Wholesale and retail buyers, except farm products	24.31	5.5	972	5.5	50,563	5.5
Purchasing agents, except wholesale, retail, and farm products	29.21	7.5	1,170	7.6	60,831	7.6
Claims adjusters, appraisers, examiners, and investigators	26.45	10.9	1,051	10.9	54,632	10.9
Claims adjusters, examiners, and investigators	26.76	11.1	1,062	11.1	55,243	11.1
Cost estimators	35.71	6.3	1,486	7.0	77,293	7.0
Human resources, training, and labor relations specialists	28.77	6.6	1,161	5.9	60,380	5.9

See footnotes at end of table.

RSE Table 12

**Full-time¹ private industry 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						
Employment, recruitment, and placement specialists	\$30.45	9.2%	\$1,218	9.2%	\$63,341	9.2%
Compensation, benefits, and job analysis specialists	30.34	5.1	1,208	5.4	62,836	5.4
Training and development specialists	28.15	12.2	1,147	10.0	59,654	10.0
Logisticians	33.94	7.8	1,363	8.0	70,836	8.0
Management analysts	40.70	8.0	1,630	7.9	84,781	7.9
Meeting and convention planners	23.12	9.6	931	8.7	48,422	8.7
Accountants and auditors	29.83	7.2	1,212	7.3	63,032	7.3
Budget analysts	28.83	11.8	1,125	12.5	58,494	12.5
Credit analysts	39.54	19.3	1,582	19.3	82,241	19.3
Financial analysts and advisors	36.91	10.7	1,504	11.0	78,217	11.0
Financial analysts	40.96	14.6	1,707	14.7	88,747	14.7
Personal financial advisors	34.81	12.9	1,392	12.9	72,402	12.9
Insurance underwriters	28.47	11.1	1,118	11.3	58,162	11.3
Financial examiners	27.70	11.7	1,095	12.3	56,918	12.3
Loan counselors and officers	27.41	9.5	1,117	10.3	58,074	10.3
Loan officers	27.45	11.2	1,114	11.9	57,930	11.9
Computer and mathematical science occupations						
Computer and information scientists, research	54.92	7.2	2,197	7.2	114,239	7.2
Computer programmers	35.83	4.7	1,475	3.1	76,711	3.1
Computer software engineers	41.92	1.2	1,676	1.2	87,176	1.2
Computer software engineers, applications	42.57	2.3	1,702	2.3	88,511	2.3
Computer software engineers, systems software	40.63	5.1	1,625	5.1	84,521	5.1
Computer support specialists	28.33	5.7	1,119	5.4	58,050	5.4
Computer systems analysts	40.64	3.6	1,624	3.6	84,431	3.6
Database administrators	38.57	13.4	1,525	13.5	79,304	13.5
Network and computer systems administrators	32.64	3.7	1,313	3.7	67,990	3.7
Network systems and data communications analysts	31.94	9.5	1,273	9.2	66,173	9.2
Operations research analysts	35.36	6.9	1,403	7.1	72,955	7.1
Statisticians	32.87	10.5	1,313	10.5	68,268	10.5
Architecture and engineering occupations						
Architects, except naval	37.63	8.7	1,518	8.2	78,936	8.2
Architects, except landscape and naval	37.63	8.7	1,518	8.2	78,936	8.2
Engineers	39.62	1.7	1,599	1.7	83,135	1.7

See footnotes at end of table.

RSE Table 12

**Full-time¹ private industry 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						
Chemical engineers	\$48.87	9.9%	\$1,955	9.9%	\$101,650	9.9%
Civil engineers	35.49	4.8	1,430	4.5	74,364	4.5
Computer hardware engineers	49.09	7.2	1,966	7.2	102,207	7.2
Electrical and electronics engineers	39.88	3.0	1,606	2.8	83,508	2.8
Electrical engineers	40.93	5.2	1,662	4.9	86,433	4.9
Electronics engineers, except computer	39.02	2.1	1,561	2.1	81,156	2.1
Industrial engineers, including health and						
safety	39.64	9.4	1,618	8.8	84,160	8.8
Industrial engineers	35.44	7.1	1,439	7.0	74,844	7.0
Mechanical engineers	34.85	5.6	1,424	6.2	73,967	6.2
Drafters	22.65	7.4	906	7.4	47,115	7.4
Architectural and civil drafters	25.85	9.4	1,034	9.4	53,764	9.4
Mechanical drafters	22.26	3.9	891	3.9	46,310	3.9
Engineering technicians, except drafters	25.75	3.4	1,031	3.4	53,592	3.4
Electrical and electronic engineering						
technicians	25.74	2.9	1,029	2.9	53,515	2.9
Mechanical engineering technicians	20.57	8.6	838	9.3	43,584	9.3
Surveying and mapping technicians	16.24	4.1	650	4.1	33,786	4.1
Life, physical, and social science occupations	31.62	5.2	1,270	4.4	66,044	4.4
Life scientists	39.28	13.3	1,482	9.7	77,069	9.7
Biological scientists	48.32	34.5	1,709	27.1	88,880	27.1
Medical scientists	32.93	8.9	1,304	8.7	67,792	8.7
Physical scientists	36.46	11.8	1,529	10.2	79,491	10.2
Chemists and materials scientists	40.52	19.7	1,642	20.7	85,362	20.7
Chemists	38.27	23.3	1,555	24.7	80,838	24.7
Environmental scientists and geoscientists	29.38	16.5	1,318	23.5	68,554	23.5
Environmental scientists and						
specialists, including health	29.38	16.5	1,318	23.5	68,554	23.5
Economists	26.39	18.2	1,188	14.4	61,770	14.4
Market and survey researchers	30.21	5.6	1,201	6.3	62,467	6.3
Market research analysts	30.05	5.9	1,195	6.6	62,115	6.6
Miscellaneous social scientists and related						
workers	44.59	10.2	1,778	9.7	92,433	9.7
Biological technicians	21.33	6.6	849	6.5	44,173	6.5
Chemical technicians	19.87	7.9	795	7.9	41,229	7.9
Miscellaneous life, physical, and social						
science technicians	22.99	9.3	926	8.4	48,147	8.4
Community and social services occupations	16.77	3.5	654	3.8	33,939	3.8
Counselors	17.40	7.0	684	7.0	35,504	7.0

See footnotes at end of table.

RSE Table 12

**Full-time¹ private industry 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						
Substance abuse and behavioral disorder counselors	\$16.85	8.0%	\$674	8.0%	\$35,042	8.0%
Educational, vocational, and school counselors	18.17	12.4	706	10.9	36,512	10.9
Rehabilitation counselors	15.05	8.7	612	7.5	31,843	7.5
Social workers	18.34	4.0	725	3.9	37,575	3.9
Child, family, and school social workers ..	15.89	6.0	618	4.7	31,811	4.7
Medical and public health social workers	21.10	6.3	837	6.2	43,541	6.2
Mental health and substance abuse social workers	19.07	5.8	763	5.8	39,670	5.8
Miscellaneous community and social service specialists	12.50	9.2	474	8.0	24,655	8.0
Social and human service assistants	11.19	9.6	439	10.6	22,818	10.6
Legal occupations	37.47	8.8	1,495	8.7	77,733	8.7
Lawyers	55.50	6.6	2,244	6.8	116,696	6.8
Paralegals and legal assistants	24.52	4.5	969	5.0	50,369	5.0
Miscellaneous legal support workers	18.64	4.2	739	3.6	38,404	3.6
Education, training, and library occupations	25.64	6.7	1,003	6.8	45,491	6.8
Postsecondary teachers	36.69	13.3	1,456	13.2	66,499	13.2
Business teachers, postsecondary	41.84	10.2	1,667	8.1	64,289	8.1
Math and computer teachers, postsecondary	39.70	19.4	1,552	18.1	73,217	18.1
Life sciences teachers, postsecondary	45.93	9.6	1,887	7.8	85,512	7.8
Biological science teachers, postsecondary	45.93	9.6	1,887	7.8	85,512	7.8
Social sciences teachers, postsecondary	45.28	8.0	1,712	9.0	76,263	9.0
Health teachers, postsecondary	50.00	23.6	1,909	21.6	90,382	21.6
Arts, communications, and humanities teachers, postsecondary	42.17	11.0	1,677	10.5	66,456	10.5
English language and literature teachers, postsecondary	38.36	9.8	1,607	15.9	62,120	15.9
Philosophy and religion teachers, postsecondary	43.67	16.5	1,773	11.8	69,164	11.8
Primary, secondary, and special education school teachers	24.95	6.7	965	6.8	39,504	6.8
Preschool and kindergarten teachers	12.88	5.7	500	6.8	24,570	6.8
Preschool teachers, except special education	12.87	5.7	501	6.8	24,664	6.8
Elementary and middle school teachers	30.01	4.5	1,144	4.6	43,748	4.6

See footnotes at end of table.

RSE Table 12

Full-time¹ private industry 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						
Elementary school teachers, except special education	\$29.22	6.5%	\$1,113	6.9%	\$42,611	6.9%
Middle school teachers, except special and vocational education	31.37	4.2	1,197	4.3	45,700	4.3
Secondary school teachers	29.34	5.1	1,147	4.0	44,081	4.0
Secondary school teachers, except special and vocational education	30.51	4.2	1,191	3.3	45,624	3.3
Other teachers and instructors	19.76	21.5	808	15.7	37,723	15.7
Librarians	28.89	8.2	1,099	7.9	48,023	7.9
Teacher assistants	11.06	3.5	422	3.6	21,160	3.6
Arts, design, entertainment, sports, and media occupations						
Artists and related workers	25.58	7.2	1,017	7.2	52,736	7.2
Designers	28.69	24.5	1,142	24.1	58,938	24.1
Graphic designers	19.83	6.5	797	6.4	41,469	6.4
Actors, producers, and directors	19.98	7.1	803	6.5	41,781	6.5
Producers and directors	26.01	26.8	1,036	26.9	53,851	26.9
Athletes, coaches, umpires, and related workers	26.59	27.4	1,059	27.5	55,042	27.5
Coaches and scouts	24.24	16.4	916	17.0	47,080	17.0
News analysts, reporters and correspondents	24.32	20.1	901	21.4	46,200	21.4
Reporters and correspondents	29.89	18.9	1,187	19.0	61,739	19.0
Public relations specialists	29.89	18.9	1,187	19.0	61,739	19.0
Writers and editors	29.41	10.0	1,168	10.1	60,720	10.1
Editors	32.48	11.0	1,291	11.0	67,142	11.0
Technical writers	27.59	7.0	1,091	7.4	56,750	7.4
	37.29	23.7	1,505	23.5	78,234	23.5
Healthcare practitioner and technical occupations						
Pharmacists	27.61	2.8	1,085	2.7	56,391	2.7
Physicians and surgeons	50.94	3.7	2,010	3.8	104,514	3.8
Registered nurses	83.12	12.9	3,413	12.9	177,467	12.9
Therapists	28.75	2.0	1,117	2.1	58,066	2.1
Occupational therapists	27.97	4.7	1,112	4.7	57,828	4.7
Physical therapists	32.32	5.5	1,287	5.6	66,924	5.6
Respiratory therapists	32.04	4.4	1,281	4.4	66,636	4.4
Clinical laboratory technologists and technicians	25.39	3.2	998	3.0	51,913	3.0
Medical and clinical laboratory technologists	19.15	2.7	771	4.4	40,078	4.4
	21.84	6.6	901	4.6	46,865	4.6

See footnotes at end of table.

RSE Table 12

Full-time¹ private industry 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 practitioner and technical occupations –Continued						
Medical and clinical laboratory technicians	\$16.38	2.5%	\$643	2.6%	\$33,437	2.6%
Dental hygienists	31.89	9.0	1,089	5.8	56,626	5.8
Diagnostic related technologists and technicians	24.89	3.2	986	3.2	51,252	3.2
Cardiovascular technologists and technicians	22.61	10.5	904	10.5	47,018	10.5
Nuclear medicine technologists	31.15	3.8	1,223	4.7	63,594	4.7
Radiologic technologists and technicians ..	23.63	3.4	933	3.5	48,503	3.5
Emergency medical technicians and paramedics	15.57	11.1	685	4.8	35,631	4.8
Health diagnosing and treating practitioner support technicians	16.64	7.0	658	7.0	34,205	7.0
Pharmacy technicians	13.86	6.7	553	6.7	28,772	6.7
Surgical technologists	19.94	6.5	796	6.6	41,373	6.6
Licensed practical and licensed vocational nurses	17.54	4.2	681	3.8	35,422	3.8
Medical records and health information technicians	18.70	6.3	731	7.3	38,010	7.3
Miscellaneous health technologists and technicians	19.03	6.5	761	6.5	39,591	6.5
Healthcare support occupations	12.47	2.2	482	2.3	25,045	2.3
Nursing, psychiatric, and home health aides	10.64	1.4	409	1.6	21,275	1.6
Home health aides	9.84	3.0	366	3.0	19,029	3.0
Nursing aides, orderlies, and attendants	10.86	1.5	420	1.6	21,852	1.6
Physical therapist assistants and aides	21.29	14.6	838	12.3	43,586	12.3
Physical therapist assistants	22.05	17.3	863	14.7	44,852	14.7
Miscellaneous healthcare support occupations	13.60	3.1	527	3.4	27,395	3.4
Dental assistants	17.63	5.3	647	5.0	33,641	5.0
Medical assistants	13.37	3.8	526	4.3	27,353	4.3
Medical equipment preparers	12.19	6.9	484	7.0	25,142	7.0
Medical transcriptionists	14.33	2.3	559	4.5	29,077	4.5
Pharmacy aides	11.34	8.1	402	6.4	20,899	6.4
Protective service occupations	11.43	3.9	453	4.1	20,078	4.1
Security guards and gaming surveillance officers	11.01	3.2	435	3.3	22,567	3.3
Security guards	10.98	3.3	434	3.4	22,509	3.4
Miscellaneous protective service workers	10.52	31.6	410	29.1	5,780	29.1

See footnotes at end of table.

RSE Table 12

Full-time¹ private industry 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	\$8.78	3.0%	\$334	3.5%	\$17,334	3.5%
First-line supervisors/managers, food preparation and serving workers	14.24	4.4	590	4.7	30,507	4.7
Chefs and head cooks	15.53	18.1	639	18.1	32,880	18.1
First-line supervisors/managers of food preparation and serving workers	14.08	3.8	584	4.0	30,201	4.0
Cooks	10.31	2.7	397	3.3	20,609	3.3
Cooks, fast food	8.48	7.4	331	10.8	17,188	10.8
Cooks, institution and cafeteria	10.89	2.6	420	3.6	21,613	3.6
Cooks, restaurant	11.08	4.1	429	3.8	22,279	3.8
Cooks, short order	9.46	4.7	358	7.4	18,595	7.4
Food preparation workers	9.57	2.7	373	3.3	19,130	3.3
Food service, tipped	4.84	11.4	175	13.3	9,085	13.3
Bartenders	6.64	17.5	243	22.6	12,611	22.6
Waiters and waitresses	3.61	4.6	129	5.7	6,686	5.7
Dining room and cafeteria attendants and bartender helpers	7.72	7.5	291	7.1	15,129	7.1
Fast food and counter workers	8.22	3.0	313	3.1	16,238	3.1
Combined food preparation and serving workers, including fast food	8.17	3.2	311	3.4	16,174	3.4
Counter attendants, cafeteria, food concession, and coffee shop	8.54	4.7	322	6.4	16,633	6.4
Food servers, nonrestaurant	8.06	4.6	316	5.0	16,412	5.0
Dishwashers	8.47	5.2	322	4.2	16,635	4.2
Hosts and hostesses, restaurant, lounge, and coffee shop	9.60	16.2	320	20.5	16,618	20.5
Building and grounds cleaning and maintenance occupations	10.72	2.6	423	2.5	21,941	2.5
First-line supervisors/managers, building and grounds cleaning and maintenance workers	20.74	6.6	839	7.5	43,606	7.5
First-line supervisors/managers of housekeeping and janitorial workers	17.30	8.8	680	8.1	35,382	8.1
First-line supervisors/managers of landscaping, lawn service, and groundskeeping workers	22.51	6.8	924	8.3	48,043	8.3
Building cleaning workers	9.86	2.4	388	2.2	20,156	2.2
Janitors and cleaners, except maids and housekeeping cleaners	10.07	3.8	397	3.6	20,636	3.6
Maids and housekeeping cleaners	9.38	2.5	367	2.7	19,083	2.7
Grounds maintenance workers	10.39	2.1	414	2.2	21,215	2.2
Landscaping and groundskeeping workers	10.31	2.1	411	2.2	21,047	2.2

See footnotes at end of table.

RSE Table 12

**Full-time¹ private industry 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	\$13.67	4.9%	\$504	4.6%	\$26,045	4.6%
First-line supervisors/managers of personal service workers	17.65	6.8	774	7.5	40,239	7.5
Miscellaneous entertainment attendants and related workers	11.75	5.3	470	6.6	24,088	6.6
Amusement and recreation attendants	11.84	5.7	470	6.3	23,866	6.3
Locker room, coatroom, and dressing room attendants	11.54	13.5	468	17.2	24,313	17.2
Barbers and cosmetologists	18.68	8.4	683	11.7	34,563	11.7
Hairdressers, hairstylists, and cosmetologists	18.68	8.4	683	11.7	34,563	11.7
Baggage porters, bellhops, and concierges	11.27	6.3	430	8.4	22,348	8.4
Transportation attendants	42.97	1.4	844	1.2	43,906	1.2
Flight attendants	42.97	1.4	844	1.2	43,906	1.2
Child care workers	8.83	2.6	346	2.6	17,949	2.6
Personal and home care aides	10.40	1.6	416	1.6	21,638	1.6
Recreation and fitness workers	12.25	13.3	489	13.3	25,409	13.3
Recreation workers	10.72	11.7	427	11.7	22,227	11.7
Sales and related occupations	17.91	3.4	715	3.4	36,905	3.4
First-line supervisors/managers, sales workers	20.04	5.9	835	6.2	43,399	6.2
First-line supervisors/managers of retail sales workers	18.42	6.7	768	6.9	39,934	6.9
First-line supervisors/managers of non-retail sales workers	27.34	9.9	1,134	9.7	58,988	9.7
Retail sales workers	11.93	2.4	472	2.6	24,292	2.6
Cashiers, all workers	9.64	2.0	376	1.9	19,317	1.9
Cashiers	9.63	2.0	375	1.9	19,283	1.9
Counter and rental clerks and parts salespersons	13.56	5.5	546	5.7	28,395	5.7
Counter and rental clerks	10.80	4.6	428	4.5	22,252	4.5
Parts salespersons	16.79	4.1	689	4.7	35,828	4.7
Retail salespersons	13.51	2.8	540	3.0	27,722	3.0
Advertising sales agents	28.06	26.8	1,123	26.8	58,373	26.8
Insurance sales agents	27.77	12.9	1,065	12.7	55,365	12.7
Securities, commodities, and financial services sales agents	55.69	34.3	2,230	33.1	115,969	33.1
Travel agents	12.55	9.5	502	9.5	26,096	9.5
Sales representatives, wholesale and manufacturing	29.74	5.8	1,197	5.7	62,077	5.7
Sales representatives, wholesale and manufacturing, technical and scientific products	37.65	14.1	1,508	14.1	78,412	14.1

See footnotes at end of table.

RSE Table 12

Full-time¹ private industry 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	\$26.45	4.2%	\$1,067	4.3%	\$55,280	4.3%
Real estate brokers and sales agents	19.27	25.8	764	23.8	39,726	23.8
Real estate sales agents	19.27	25.8	764	23.8	39,726	23.8
Sales engineers	28.56	10.2	1,167	8.5	60,700	8.5
Telemarketers	14.94	8.7	592	9.0	30,803	9.0
Miscellaneous sales and related workers	18.10	8.0	713	7.7	35,942	7.7
Office and administrative support occupations						
First-line supervisors/managers of office and administrative support workers	15.43	1.1	612	1.1	31,771	1.1
Switchboard operators, including answering service	22.03	3.6	885	3.6	46,005	3.6
Telephone operators	10.98	5.3	435	5.1	22,604	5.1
Financial clerks	11.62	2.2	465	2.2	24,165	2.2
Bill and account collectors	15.28	1.0	607	1.0	31,540	1.0
Billing and posting clerks and machine operators	15.43	4.7	616	4.7	32,008	4.7
Bookkeeping, accounting, and auditing clerks	15.38	2.7	611	2.8	31,766	2.8
Payroll and timekeeping clerks	16.02	1.6	634	1.7	32,906	1.7
Procurement clerks	18.39	4.8	739	4.9	38,453	4.9
Tellers	16.89	8.9	676	8.9	35,138	8.9
Brokerage clerks	12.57	2.3	501	2.4	26,045	2.4
Credit authorizers, checkers, and clerks	15.20	17.1	600	14.4	31,175	14.4
Customer service representatives	14.63	12.0	585	12.0	30,437	12.0
File clerks	15.36	2.3	613	2.3	31,686	2.3
Hotel, motel, and resort desk clerks	11.22	4.6	448	4.6	23,300	4.6
Interviewers, except eligibility and loan	10.12	2.9	404	2.9	20,983	2.9
Loan interviewers and clerks	11.84	15.6	454	19.1	23,606	19.1
New accounts clerks	16.00	3.7	640	3.7	33,279	3.7
Order clerks	15.04	4.0	602	4.0	31,286	4.0
Human resources assistants, except payroll and timekeeping	14.93	8.1	597	8.1	31,027	8.1
Receptionists and information clerks	16.74	7.6	662	6.8	34,409	6.8
Reservation and transportation ticket agents and travel clerks	12.41	2.3	487	2.1	25,303	2.1
Dispatchers	13.75	3.5	550	3.5	28,603	3.5
Dispatchers, except police, fire, and ambulance	17.26	8.2	698	8.5	36,287	8.5
Meter readers, utilities	17.47	8.4	706	8.8	36,734	8.8
	15.38	5.7	615	5.7	32,000	5.7

See footnotes at end of table.

RSE Table 12

**Full-time¹ private industry 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						
Production, planning, and expediting clerks	\$19.22	4.7%	\$772	4.7%	\$40,152	4.7%
Shipping, receiving, and traffic clerks	13.11	2.8	523	2.8	27,190	2.8
Stock clerks and order fillers	12.04	3.6	484	3.8	25,153	3.8
Weighers, measurers, checkers, and samplers, recordkeeping	13.33	12.7	533	12.7	27,726	12.7
Secretaries and administrative assistants	18.19	2.4	717	2.5	37,272	2.5
Executive secretaries and administrative assistants	22.02	3.8	875	3.8	45,496	3.8
Legal secretaries	22.49	7.7	860	7.9	44,702	7.9
Medical secretaries	13.30	4.6	523	4.2	27,194	4.2
Secretaries, except legal, medical, and executive	15.75	2.0	624	1.9	32,412	1.9
Computer operators	16.75	6.8	669	6.8	34,804	6.8
Data entry and information processing workers	14.43	4.1	572	4.1	29,736	4.1
Data entry keyers	14.08	4.2	558	4.2	29,001	4.2
Word processors and typists	17.59	7.0	698	6.4	36,295	6.4
Insurance claims and policy processing clerks	15.92	4.9	629	5.0	32,731	5.0
Mail clerks and mail machine operators, except postal service	10.98	10.0	434	9.3	22,547	9.3
Office clerks, general	14.54	2.3	567	2.4	29,469	2.4
Office machine operators, except computer ..	12.28	3.8	491	3.8	25,545	3.8
Farming, fishing, and forestry occupations ..	11.09	18.5	438	17.5	22,770	17.5
Construction and extraction occupations	16.50	1.9	660	1.9	34,265	1.9
First-line supervisors/managers of construction trades and extraction workers	24.53	4.7	1,012	5.5	52,631	5.5
Brickmasons, blockmasons, and stonemasons	18.74	11.0	750	11.0	38,769	11.0
Brickmasons and blockmasons	19.85	9.5	794	9.5	41,018	9.5
Carpenters	17.82	5.0	707	5.0	36,675	5.0
Cement masons, concrete finishers, and terrazzo workers	15.69	5.2	628	5.2	32,599	5.2
Cement masons and concrete finishers	15.69	5.2	628	5.2	32,599	5.2
Construction laborers	11.64	4.2	466	4.2	24,119	4.2
Construction equipment operators	15.17	1.8	607	1.8	31,221	1.8
Paving, surfacing, and tamping equipment operators	13.16	4.0	526	4.0	26,336	4.0

See footnotes at end of table.

RSE Table 12

**Full-time¹ private industry 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						
Operating engineers and other construction equipment operators	\$15.84	3.9%	\$634	3.9%	\$32,929	3.9%
Drywall installers, ceiling tile installers, and tapers	17.81	8.1	709	8.0	36,863	8.0
Drywall and ceiling tile installers	17.83	8.1	710	8.0	36,902	8.0
Electricians	19.89	4.6	795	4.6	41,321	4.6
Glaziers	18.52	9.9	741	9.9	38,529	9.9
Painters and paperhangers	13.32	6.1	533	6.1	27,712	6.1
Painters, construction and maintenance	13.45	6.9	538	6.9	27,971	6.9
Pipelayers, plumbers, pipefitters, and steamfitters	17.50	5.8	700	5.8	36,381	5.8
Pipelayers	12.79	9.2	512	9.2	26,434	9.2
Plumbers, pipefitters, and steamfitters	18.13	5.2	725	5.2	37,715	5.2
Roofers	13.87	8.4	555	8.4	28,785	8.4
Sheet metal workers	18.30	7.2	732	7.2	38,069	7.2
Helpers, construction trades	11.36	1.6	450	1.5	23,392	1.5
Helpers--carpenters	11.64	5.1	447	5.6	23,227	5.6
Helpers--electricians	12.20	2.2	488	2.2	25,332	2.2
Helpers--pipelayers, plumbers, pipefitters, and steamfitters	11.77	6.5	471	6.5	24,486	6.5
Miscellaneous construction and related workers	17.51	7.9	699	7.8	36,366	7.8
Mining machine operators	25.27	17.9	1,070	24.8	55,641	24.8
Installation, maintenance, and repair occupations	19.68	1.8	789	1.8	41,038	1.8
First-line supervisors/managers of mechanics, installers, and repairers	27.66	5.5	1,132	5.3	58,825	5.3
Computer, automated teller, and office machine repairers	17.77	4.7	709	4.8	36,846	4.8
Radio and telecommunications equipment installers and repairers	27.20	3.9	1,088	3.9	56,582	3.9
Telecommunications equipment installers and repairers, except line installers	27.20	3.9	1,088	3.9	56,582	3.9
Miscellaneous electrical and electronic equipment mechanics, installers, and repairers	19.87	5.0	790	5.4	41,060	5.4
Electrical and electronics repairers, commercial and industrial equipment	20.04	5.7	790	6.2	41,089	6.2
Electrical and electronics repairers, powerhouse, substation, and relay	28.78	3.0	1,138	3.7	59,187	3.7

See footnotes at end of table.

RSE Table 12

**Full-time¹ private industry 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						
Electronic home entertainment equipment installers and repairers	\$16.68	8.2%	\$667	8.2%	\$34,698	8.2%
Security and fire alarm systems installers	21.49	15.1	860	15.1	44,706	15.1
Aircraft mechanics and service technicians ..	25.50	8.3	1,020	8.3	53,035	8.3
Automotive technicians and repairers	19.00	4.4	770	4.1	40,048	4.1
Automotive body and related repairers	18.72	12.4	756	12.4	39,324	12.4
Automotive service technicians and mechanics	19.12	5.0	777	4.6	40,412	4.6
Bus and truck mechanics and diesel engine specialists	18.09	5.1	727	5.1	37,809	5.1
Heavy vehicle and mobile equipment service technicians and mechanics	19.85	4.7	794	4.7	41,275	4.7
Mobile heavy equipment mechanics, except engines	20.18	4.1	807	4.1	41,950	4.1
Small engine mechanics	18.00	23.3	706	23.1	36,717	23.1
Motorboat mechanics	14.84	18.8	579	17.0	30,084	17.0
Miscellaneous vehicle and mobile equipment mechanic, installers, and repairers	9.99	15.4	388	18.2	20,194	18.2
Tire repairers and changers	9.46	15.1	367	18.1	19,093	18.1
Control and valve installers and repairers	17.83	11.1	712	11.1	37,037	11.1
Control and valve installers and repairers, except mechanical door	19.92	5.1	795	5.1	41,354	5.1
Heating, air conditioning, and refrigeration mechanics and installers	19.38	8.1	775	8.1	40,309	8.1
Home appliance repairers	14.48	3.9	636	6.7	33,049	6.7
Industrial machinery installation, repair, and maintenance workers	18.79	2.7	750	2.6	38,959	2.6
Industrial machinery mechanics	21.17	4.4	839	4.4	43,572	4.4
Maintenance and repair workers, general ..	16.87	5.2	672	5.2	34,921	5.2
Maintenance workers, machinery	17.74	5.9	726	6.2	37,726	6.2
Millwrights	23.59	6.8	960	8.0	49,894	8.0
Line installers and repairers	24.62	3.7	985	3.7	51,216	3.7
Electrical power-line installers and repairers	23.60	7.3	944	7.3	49,084	7.3
Telecommunications line installers and repairers	25.22	4.0	1,009	4.0	52,457	4.0
Miscellaneous installation, maintenance, and repair workers	13.67	2.8	546	2.9	28,396	2.9
Helpers--installation, maintenance, and repair workers	12.19	4.6	487	4.7	25,303	4.7
Production occupations	15.11	2.8	601	3.0	31,236	3.0

See footnotes at end of table.

RSE Table 12

**Full-time¹ private industry 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						
First-line supervisors/managers of production and operating workers	\$22.80	3.1%	\$926	2.9%	\$48,152	2.9%
Electrical, electronics, and electromechanical assemblers	12.89	5.0	512	5.5	26,617	5.5
Electrical and electronic equipment assemblers	12.64	6.5	505	6.5	26,283	6.5
Electromechanical equipment assemblers	13.77	6.4	551	6.4	28,638	6.4
Engine and other machine assemblers	17.05	20.5	682	20.5	35,462	20.5
Miscellaneous assemblers and fabricators	14.06	4.7	559	4.8	29,082	4.8
Team assemblers	15.08	9.6	603	9.6	31,360	9.6
Bakers	11.84	5.1	468	5.9	23,582	5.9
Butchers and other meat, poultry, and fish processing workers	11.29	4.1	453	4.3	23,544	4.3
Butchers and meat cutters	14.06	5.5	566	6.3	29,451	6.3
Meat, poultry, and fish cutters and trimmers	10.02	1.4	401	1.4	20,849	1.4
Miscellaneous food processing workers	10.64	11.1	431	11.9	22,395	11.9
Food batchmakers	12.31	14.2	507	15.9	26,351	15.9
Computer control programmers and operators	17.24	8.0	690	8.0	35,864	8.0
Computer-controlled machine tool operators, metal and plastic	16.42	6.3	657	6.3	34,151	6.3
Forming machine setters, operators, and tenders, metal and plastic	17.89	10.6	693	10.5	36,020	10.5
Extruding and drawing machine setters, operators, and tenders, metal and plastic	16.38	8.3	633	8.2	32,920	8.2
Machine tool cutting setters, operators, and tenders, metal and plastic	12.49	7.2	497	7.2	25,870	7.2
Cutting, punching, and press machine setters, operators, and tenders, metal and plastic	11.62	8.8	465	8.8	24,169	8.8
Grinding, lapping, polishing, and buffing machine tool setters, operators, and tenders, metal and plastic	13.37	5.2	530	5.5	27,558	5.5
Lathe and turning machine tool setters, operators, and tenders, metal and plastic	14.94	12.4	594	12.5	30,899	12.5
Machinists	20.48	4.9	819	4.9	42,594	4.9
Molders and molding machine setters, operators, and tenders, metal and plastic	12.96	6.5	518	6.5	26,950	6.5

See footnotes at end of table.

RSE Table 12

**Full-time¹ private industry 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						
Molding, coremaking, and casting machine setters, operators, and tenders, metal and plastic	\$12.96	6.5%	\$518	6.5%	\$26,950	6.5%
Multiple machine tool setters, operators, and tenders, metal and plastic	16.10	6.1	644	6.1	33,479	6.1
Tool and die makers	21.74	7.6	870	7.6	45,225	7.6
Welding, soldering, and brazing workers	18.44	4.6	731	4.7	37,954	4.7
Welders, cutters, solderers, and brazers	18.76	5.0	748	5.1	38,892	5.1
Welding, soldering, and brazing machine setters, operators, and tenders	16.50	5.5	632	5.5	32,578	5.5
Miscellaneous metalworkers and plastic workers	16.06	14.9	650	14.7	33,787	14.7
Plating and coating machine setters, operators, and tenders, metal and plastic	15.02	22.2	601	22.2	31,237	22.2
Bookbinders and bindery workers	13.41	6.3	528	5.7	27,446	5.7
Bindery workers	13.41	6.3	528	5.7	27,446	5.7
Printers	15.69	5.8	623	5.8	32,377	5.8
Prepress technicians and workers	17.54	12.8	702	12.8	36,479	12.8
Printing machine operators	15.35	6.9	609	6.7	31,620	6.7
Laundry and dry-cleaning workers	10.07	11.8	394	11.8	20,511	11.8
Pressers, textile, garment, and related materials	8.38	7.1	313	5.7	16,260	5.7
Sewing machine operators	12.85	9.6	510	10.0	26,522	10.0
Textile machine setters, operators, and tenders	12.44	7.3	494	7.5	25,686	7.5
Textile bleaching and dyeing machine operators and tenders	11.01	4.0	436	3.8	22,697	3.8
Textile cutting machine setters, operators, and tenders	10.75	11.0	430	11.0	22,359	11.0
Textile knitting and weaving machine setters, operators, and tenders	13.24	2.5	530	2.5	27,536	2.5
Textile winding, twisting, and drawing out machine setters, operators, and tenders	12.37	12.1	489	12.4	25,415	12.4
Miscellaneous textile, apparel, and furnishings workers	15.24	7.8	607	7.8	31,476	7.8
Extruding and forming machine setters, operators, and tenders, synthetic and glass fibers	17.01	10.8	670	11.4	34,855	11.4
Upholsterers	16.89	15.2	674	15.0	35,033	15.0
Cabinetmakers and bench carpenters	17.15	15.3	648	16.9	33,687	16.9
Woodworking machine setters, operators, and tenders	14.40	6.5	575	6.5	29,907	6.5

See footnotes at end of table.

RSE Table 12

**Full-time¹ private industry 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						
Sawing machine setters, operators, and tenders, wood	\$12.79	2.3%	\$510	2.2%	\$26,527	2.2%
Woodworking machine setters, operators, and tenders, except sawing	15.55	9.3	622	9.3	32,353	9.3
Power plant operators, distributors, and dispatchers	27.91	20.4	1,112	20.3	57,829	20.3
Power plant operators	22.33	15.5	888	15.1	46,166	15.1
Miscellaneous plant and system operators	20.67	6.9	827	6.9	42,993	6.9
Chemical plant and system operators	19.40	11.5	776	11.5	40,348	11.5
Chemical processing machine setters, operators, and tenders	20.44	9.7	812	9.8	42,248	9.8
Chemical equipment operators and tenders	20.70	11.2	828	11.2	43,065	11.2
Separating, filtering, clarifying, precipitating, and still machine setters, operators, and tenders	19.16	11.2	740	10.6	38,455	10.6
Crushing, grinding, polishing, mixing, and blending workers	15.19	11.2	602	11.1	31,288	11.1
Crushing, grinding, and polishing machine setters, operators, and tenders	18.63	21.0	745	21.0	38,741	21.0
Grinding and polishing workers, hand	10.95	5.2	438	5.2	22,785	5.2
Mixing and blending machine setters, operators, and tenders	16.10	11.2	634	11.0	32,971	11.0
Cutting workers	13.71	8.4	548	8.4	28,517	8.4
Cutters and trimmers, hand	14.40	11.6	576	11.6	29,959	11.6
Cutting and slicing machine setters, operators, and tenders	13.45	8.8	538	8.8	27,969	8.8
Extruding, forming, pressing, and compacting machine setters, operators, and tenders	13.28	29.3	528	28.5	27,440	28.5
Furnace, kiln, oven, drier, and kettle operators and tenders	18.65	14.2	746	14.2	38,785	14.2
Inspectors, testers, sorters, samplers, and weighers	13.69	4.7	548	4.7	28,506	4.7
Medical, dental, and ophthalmic laboratory technicians	18.77	7.6	731	10.0	38,016	10.0
Dental laboratory technicians	19.08	8.1	741	10.8	38,523	10.8
Packaging and filling machine operators and tenders	15.02	6.5	597	6.8	31,031	6.8
Painting workers	16.86	11.2	679	11.8	35,304	11.8
Coating, painting, and spraying machine setters, operators, and tenders	14.78	8.8	587	9.0	30,522	9.0
Painters, transportation equipment	22.92	10.2	950	10.8	49,396	10.8
Miscellaneous production workers	13.96	5.3	553	5.5	28,708	5.5

See footnotes at end of table.

RSE Table 12

**Full-time¹ private industry 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						
Molders, shapers, and casters, except metal and plastic	\$14.60	4.3%	\$584	4.3%	\$30,378	4.3%
Paper goods machine setters, operators, and tenders	17.70	11.2	708	11.2	36,816	11.2
Tire builders	19.74	9.8	790	9.8	41,066	9.8
Helpers--production workers	11.88	4.5	468	4.6	24,287	4.6
Transportation and material moving occupations						
First-line supervisors/managers of helpers, laborers, and material movers, hand	14.99	2.3	604	2.2	31,371	2.2
First-line supervisors/managers of transportation and material-moving machine and vehicle operators	19.76	8.1	810	8.9	42,136	8.9
Aircraft pilots and flight engineers	23.36	4.3	983	5.9	51,136	5.9
Aircraft pilots and flight engineers	113.23	15.3	2,409	6.3	125,264	6.3
Airline pilots, copilots, and flight engineers	130.42	8.2	2,540	3.6	132,073	3.6
Bus drivers	11.74	10.3	457	12.0	23,789	12.0
Driver/sales workers and truck drivers	16.20	2.2	675	2.9	35,028	2.9
Driver/sales workers	14.04	12.6	577	13.2	30,013	13.2
Truck drivers, heavy and tractor-trailer	16.62	3.0	711	3.8	36,860	3.8
Truck drivers, light or delivery services	16.03	5.5	642	5.5	33,364	5.5
Parking lot attendants	8.13	7.7	325	7.7	16,908	7.7
Service station attendants	9.57	14.9	383	14.9	19,916	14.9
Crane and tower operators	22.61	6.9	903	7.0	46,941	7.0
Dredge, excavating, and loading machine operators	16.06	8.4	642	8.4	33,260	8.4
Excavating and loading machine and dragline operators	16.05	8.5	642	8.5	33,241	8.5
Industrial truck and tractor operators	14.66	3.4	591	3.7	30,593	3.7
Laborers and material movers, hand	11.17	1.9	445	2.0	23,108	2.0
Cleaners of vehicles and equipment	10.13	5.7	404	6.3	21,000	6.3
Laborers and freight, stock, and material movers, hand	11.64	2.3	463	2.4	24,051	2.4

See footnotes at end of table.

RSE Table 12

Full-time¹ private industry 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						
Machine feeders and offbearers	\$11.03	5.3%	\$441	5.3%	\$22,905	5.3%
Packers and packagers, hand	10.20	3.3	406	3.5	21,115	3.5

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.