

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	\$19.63	2.9%	\$780	2.9%	\$40,421	2.9%
Management occupations	38.23	2.1	1,566	2.7	81,375	2.7
Chief executives	68.06	30.9	3,253	24.8	169,135	24.8
General and operations managers	42.76	7.7	1,824	9.1	94,857	9.1
Advertising and promotions managers	32.43	16.1	1,293	14.0	67,258	14.0
Marketing and sales managers	41.65	5.7	1,716	6.3	89,243	6.3
Marketing managers	45.70	9.4	1,815	9.3	94,386	9.3
Sales managers	39.37	7.9	1,657	8.3	86,178	8.3
Public relations managers	49.80	27.6	1,982	27.1	103,087	27.1
Administrative services managers	28.35	8.1	1,180	7.4	61,341	7.4
Computer and information systems managers	48.03	5.7	1,966	6.3	102,231	6.3
Financial managers	36.99	4.2	1,491	4.0	77,547	4.0
Industrial production managers	32.35	10.1	1,347	8.6	70,024	8.6
Purchasing managers	47.78	23.2	1,968	22.4	102,317	22.4
Transportation, storage, and distribution managers	24.39	16.4	969	15.3	50,390	15.3
Construction managers	38.27	6.0	1,604	5.0	83,328	5.0
Education administrators	29.96	13.8	1,186	13.9	60,444	13.9
Education administrators, elementary and secondary school	35.48	4.0	1,347	9.1	68,645	9.1
Education administrators, postsecondary ..	38.32	13.8	1,528	13.3	77,730	13.3
Engineering managers	52.65	7.2	2,172	7.4	112,942	7.4
Food service managers	18.22	6.5	842	7.9	43,404	7.9
Lodging managers	17.55	12.6	805	9.4	41,883	9.4
Medical and health services managers	35.08	3.0	1,432	2.8	74,445	2.8
Property, real estate, and community association managers	27.85	9.4	1,132	9.8	58,854	9.8
Social and community service managers	32.58	5.8	1,295	6.2	67,365	6.2
Business and financial operations occupations	31.68	2.6	1,282	2.5	66,646	2.5
Buyers and purchasing agents	25.97	7.7	1,043	7.9	54,238	7.9
Wholesale and retail buyers, except farm products	23.38	7.5	944	8.0	49,075	8.0
Purchasing agents, except wholesale, retail, and farm products	27.74	8.6	1,111	9.0	57,749	9.0
Claims adjusters, appraisers, examiners, and investigators	26.71	7.8	1,055	7.7	54,883	7.7
Claims adjusters, examiners, and investigators	26.43	8.5	1,045	8.5	54,314	8.5
Cost estimators	33.38	5.9	1,409	6.8	73,249	6.8
Human resources, training, and labor relations specialists	31.96	6.9	1,286	7.0	66,898	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
Business and financial operations occupations –Continued						
Employment, recruitment, and placement specialists	\$39.81	11.0%	\$1,592	11.0%	\$82,797	11.0%
Compensation, benefits, and job analysis specialists	36.80	10.0	1,464	11.8	76,106	11.8
Training and development specialists	29.53	8.6	1,203	6.2	62,561	6.2
Logisticians	32.95	12.0	1,318	12.0	68,536	12.0
Management analysts	37.67	8.2	1,507	8.2	78,386	8.2
Accountants and auditors	27.13	6.4	1,103	6.6	57,366	6.6
Budget analysts	38.11	7.4	1,599	8.7	83,125	8.7
Credit analysts	32.59	12.1	1,304	12.1	67,797	12.1
Financial analysts and advisors	36.06	14.1	1,476	14.7	76,734	14.7
Financial analysts	39.17	17.3	1,642	17.4	85,386	17.4
Personal financial advisors	34.37	17.3	1,375	17.3	71,486	17.3
Insurance underwriters	26.97	17.5	1,042	17.7	54,159	17.7
Financial examiners	32.35	9.3	1,296	9.4	67,385	9.4
Loan counselors and officers	26.15	6.9	1,049	7.6	54,565	7.6
Loan officers	26.51	7.3	1,067	7.9	55,483	7.9
Computer and mathematical science occupations						
Computer and information scientists, research	48.40	1.2	1,936	1.2	100,667	1.2
Computer programmers	34.66	6.4	1,427	5.8	74,197	5.8
Computer software engineers	41.67	2.8	1,668	2.9	86,731	2.9
Computer software engineers, applications	40.99	2.9	1,641	3.0	85,357	3.0
Computer software engineers, systems software	43.17	6.4	1,727	6.4	89,794	6.4
Computer support specialists	26.58	5.7	1,051	5.4	54,644	5.4
Computer systems analysts	40.46	4.4	1,618	4.4	84,124	4.4
Database administrators	35.02	20.8	1,401	20.8	72,849	20.8
Network and computer systems administrators	31.71	4.2	1,276	4.1	66,373	4.1
Network systems and data communications analysts	31.96	9.9	1,272	9.5	66,123	9.5
Operations research analysts	36.24	6.6	1,438	6.6	74,757	6.6
Architecture and engineering occupations						
Architects, except naval	37.35	9.3	1,512	8.8	78,629	8.8
Architects, except landscape and naval	37.35	9.3	1,512	8.8	78,629	8.8
Engineers	38.52	2.1	1,557	2.1	80,944	2.1
Aerospace engineers	35.01	9.3	1,400	9.3	72,813	9.3
Chemical engineers	43.48	5.2	1,739	5.2	90,430	5.2

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
Architecture and engineering occupations						
–Continued						
Civil engineers	\$36.22	4.6%	\$1,459	4.5%	\$75,889	4.5%
Computer hardware engineers	42.53	7.9	1,701	7.9	88,470	7.9
Electrical and electronics engineers	38.65	3.3	1,558	3.2	81,005	3.2
Electrical engineers	38.54	5.7	1,565	5.5	81,403	5.5
Electronics engineers, except computer	38.75	1.8	1,550	1.8	80,609	1.8
Industrial engineers, including health and safety	40.47	8.7	1,654	7.5	86,032	7.5
Industrial engineers	36.85	6.4	1,498	6.2	77,901	6.2
Mechanical engineers	34.82	4.9	1,436	5.5	74,527	5.5
Drafters	24.81	5.2	992	5.2	51,605	5.2
Architectural and civil drafters	27.03	9.3	1,081	9.3	56,216	9.3
Mechanical drafters	20.83	4.2	833	4.2	43,316	4.2
Engineering technicians, except drafters	24.39	3.5	976	3.5	50,774	3.5
Electrical and electronic engineering technicians	24.74	4.0	989	4.0	51,430	4.0
Mechanical engineering technicians	19.39	3.3	789	3.6	41,024	3.6
Life, physical, and social science occupations	29.61	3.4	1,182	4.0	61,437	4.0
Life scientists	33.08	7.2	1,239	9.7	64,424	9.7
Biological scientists	32.39	13.6	1,142	9.3	59,367	9.3
Medical scientists	33.21	10.7	1,322	10.2	68,763	10.2
Physical scientists	36.94	16.3	1,593	14.3	82,851	14.3
Chemists and materials scientists	42.44	27.3	1,736	29.0	90,265	29.0
Chemists	42.44	27.3	1,736	29.0	90,265	29.0
Economists	26.74	19.5	1,198	15.6	62,294	15.6
Market and survey researchers	29.83	12.3	1,180	13.4	61,344	13.4
Market research analysts	29.83	12.3	1,180	13.4	61,344	13.4
Biological technicians	21.05	5.9	837	5.8	43,520	5.8
Chemical technicians	20.39	6.6	815	6.6	42,254	6.6
Miscellaneous life, physical, and social science technicians	22.62	10.5	913	9.4	47,476	9.4
Community and social services occupations	15.89	3.7	614	3.9	31,881	3.9
Counselors	16.57	6.4	650	6.9	33,693	6.9
Substance abuse and behavioral disorder counselors	16.76	7.4	672	8.0	34,964	8.0
Educational, vocational, and school counselors	17.41	11.4	676	9.7	34,869	9.7
Social workers	17.95	6.4	705	6.2	36,666	6.2
Child, family, and school social workers ..	15.72	5.0	606	4.4	31,458	4.4
Medical and public health social workers	20.69	7.6	822	7.1	42,747	7.1

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
Community and social services occupations						
–Continued						
Mental health and substance abuse social workers	\$18.48	6.3%	\$739	6.3%	\$38,441	6.3%
Miscellaneous community and social service specialists	12.33	9.1	463	7.3	24,065	7.3
Social and human service assistants	11.10	9.5	437	10.0	22,700	10.0
Legal occupations	36.02	10.1	1,446	10.1	75,208	10.1
Lawyers	54.05	5.3	2,208	5.2	114,792	5.2
Paralegals and legal assistants	22.83	6.3	905	6.8	47,072	6.8
Miscellaneous legal support workers	21.01	6.8	833	6.9	43,296	6.9
Education, training, and library occupations	23.91	6.5	941	6.6	42,595	6.6
Postsecondary teachers	34.45	12.1	1,374	12.0	63,083	12.0
Business teachers, postsecondary	46.99	13.9	1,858	11.6	71,510	11.6
Math and computer teachers, postsecondary	36.79	21.5	1,447	20.3	68,756	20.3
Computer science teachers, postsecondary	37.81	24.8	1,484	23.3	73,490	23.3
Life sciences teachers, postsecondary	43.21	11.6	1,781	9.4	80,893	9.4
Biological science teachers, postsecondary	43.21	11.6	1,781	9.4	80,893	9.4
Social sciences teachers, postsecondary	44.14	8.9	1,700	9.2	74,321	9.2
Psychology teachers, postsecondary	48.19	6.3	1,841	10.4	73,031	10.4
Health teachers, postsecondary	40.91	25.4	1,603	24.0	71,112	24.0
Arts, communications, and humanities teachers, postsecondary	37.30	10.5	1,503	9.5	59,892	9.5
Art, drama, and music teachers, postsecondary	29.13	12.3	1,176	12.4	51,221	12.4
English language and literature teachers, postsecondary	35.57	9.2	1,481	14.5	57,652	14.5
History teachers, postsecondary	30.57	2.5	1,305	6.4	51,436	6.4
Philosophy and religion teachers, postsecondary	42.19	20.7	1,723	14.8	67,195	14.8
Primary, secondary, and special education school teachers	22.82	9.9	887	10.1	36,710	10.1
Preschool and kindergarten teachers	11.51	5.3	447	7.2	22,673	7.2
Preschool teachers, except special education	11.50	5.4	448	7.2	22,749	7.2
Elementary and middle school teachers	25.62	6.7	990	6.9	38,017	6.9
Elementary school teachers, except special education	24.17	6.6	939	6.9	36,018	6.9

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
Education, training, and library occupations						
–Continued						
Middle school teachers, except special and vocational education	\$29.15	4.9%	\$1,112	5.4%	\$42,777	5.4%
Secondary school teachers	29.75	4.1	1,165	2.9	44,552	2.9
Secondary school teachers, except special and vocational education	29.75	4.1	1,165	2.9	44,552	2.9
Other teachers and instructors	18.75	21.7	782	16.5	37,433	16.5
Librarians	25.85	4.0	991	4.8	44,508	4.8
Teacher assistants	9.97	3.7	380	4.5	19,513	4.5
Arts, design, entertainment, sports, and media occupations						
Designers	26.32	5.4	1,042	5.2	54,084	5.2
Graphic designers	19.90	4.7	800	4.9	41,604	4.9
Interior designers	19.87	5.6	799	5.6	41,565	5.6
Actors, producers, and directors	21.02	13.0	849	13.1	44,170	13.1
Producers and directors	30.65	19.1	1,214	19.7	63,150	19.7
Athletes, coaches, umpires, and related workers	30.65	19.1	1,214	19.7	63,150	19.7
Coaches and scouts	28.28	11.3	1,059	14.3	54,467	14.3
News analysts, reporters and correspondents	25.58	17.0	926	20.8	47,418	20.8
Reporters and correspondents	32.43	10.1	1,264	9.7	65,716	9.7
Public relations specialists	32.43	10.1	1,264	9.7	65,716	9.7
Writers and editors	27.27	8.7	1,086	8.5	56,491	8.5
Editors	33.83	15.6	1,329	14.5	69,114	14.5
Technical writers	26.35	8.0	1,031	7.5	53,613	7.5
	38.32	24.4	1,551	24.0	80,633	24.0
Healthcare practitioner and technical occupations						
Pharmacists	33.99	17.9	1,333	18.2	69,318	18.2
Physicians and surgeons	48.84	4.2	1,920	4.4	99,865	4.4
Registered nurses	150.55	24.3	6,085	23.8	316,408	23.8
Therapists	27.84	2.1	1,085	2.2	56,375	2.2
Occupational therapists	25.71	5.4	1,021	5.5	53,071	5.5
Physical therapists	28.79	4.4	1,145	4.7	59,532	4.7
Respiratory therapists	31.78	1.6	1,271	1.6	66,103	1.6
Speech-language pathologists	23.59	2.4	928	2.7	48,250	2.7
Clinical laboratory technologists and technicians	26.59	2.5	1,056	2.9	54,927	2.9
Medical and clinical laboratory technologists	18.76	2.5	755	4.0	39,280	4.0
Medical and clinical laboratory technicians	21.33	7.0	879	4.6	45,725	4.6
	15.56	1.7	609	2.0	31,656	2.0

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
Healthcare practitioner and technical occupations –Continued						
Dental hygienists	\$31.04	8.9%	\$1,064	5.6%	\$55,307	5.6%
Diagnostic related technologists and technicians	24.73	4.5	989	4.5	51,417	4.5
Cardiovascular technologists and technicians	21.76	12.2	870	12.2	45,256	12.2
Radiologic technologists and technicians ..	24.16	5.6	966	5.6	50,254	5.6
Health diagnosing and treating practitioner support technicians	15.88	9.9	631	9.6	32,829	9.6
Pharmacy technicians	12.81	5.8	512	5.7	26,609	5.7
Surgical technologists	19.51	8.3	773	8.3	40,213	8.3
Licensed practical and licensed vocational nurses	17.93	1.9	691	2.0	35,952	2.0
Medical records and health information technicians	17.15	6.8	664	7.9	34,545	7.9
Miscellaneous health technologists and technicians	19.19	8.9	768	8.9	39,916	8.9
Healthcare support occupations	12.08	2.4	467	2.7	24,274	2.7
Nursing, psychiatric, and home health aides	10.28	1.3	395	1.5	20,516	1.5
Home health aides	9.40	4.1	346	2.9	18,010	2.9
Nursing aides, orderlies, and attendants	10.49	1.5	405	1.4	21,082	1.4
Physical therapist assistants and aides	21.38	11.8	841	10.0	43,753	10.0
Physical therapist assistants	22.06	13.6	863	11.7	44,892	11.7
Miscellaneous healthcare support occupations	13.24	3.0	514	3.4	26,720	3.4
Dental assistants	17.43	5.0	637	5.8	33,105	5.8
Medical assistants	12.84	2.4	505	3.0	26,266	3.0
Medical equipment preparers	11.99	7.8	480	7.8	24,936	7.8
Medical transcriptionists	14.00	2.1	546	4.8	28,416	4.8
Pharmacy aides	10.92	6.4	393	4.5	20,432	4.5
Protective service occupations	11.50	3.5	451	4.3	22,224	4.3
Security guards and gaming surveillance officers	10.63	3.7	413	3.8	21,434	3.8
Security guards	10.60	3.8	412	3.8	21,389	3.8
Miscellaneous protective service workers	13.41	24.2	521	22.0	11,763	22.0
Food preparation and serving related occupations	8.65	3.6	330	4.1	17,129	4.1
First-line supervisors/managers, food preparation and serving workers	13.86	5.5	581	5.8	30,169	5.8
Chefs and head cooks	15.61	13.2	651	13.5	33,528	13.5

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
Food preparation and serving related occupations –Continued						
First-line supervisors/managers of food preparation and serving workers	\$13.60	5.7%	\$570	5.8%	\$29,659	5.8%
Cooks	9.89	2.7	378	3.2	19,634	3.2
Cooks, fast food	8.46	6.7	329	10.2	17,102	10.2
Cooks, institution and cafeteria	11.12	2.6	427	4.0	22,190	4.0
Cooks, restaurant	10.15	3.4	389	2.8	20,196	2.8
Cooks, short order	9.00	6.4	334	9.8	17,371	9.8
Food preparation workers	9.29	3.7	365	3.9	18,965	3.9
Food service, tipped	4.82	12.1	173	14.5	9,009	14.5
Bartenders	6.49	19.7	237	26.1	12,293	26.1
Waiters and waitresses	3.72	4.6	131	5.8	6,824	5.8
Dining room and cafeteria attendants and bartender helpers	7.49	8.2	287	8.1	14,929	8.1
Fast food and counter workers	8.42	4.4	324	4.5	16,800	4.5
Combined food preparation and serving workers, including fast food	8.46	4.5	326	4.6	16,916	4.6
Counter attendants, cafeteria, food concession, and coffee shop	8.23	6.6	314	6.8	16,235	6.8
Food servers, nonrestaurant	8.12	2.1	319	3.2	16,591	3.2
Dishwashers	8.50	6.0	322	4.4	16,759	4.4
Hosts and hostesses, restaurant, lounge, and coffee shop	9.45	15.2	325	19.5	16,896	19.5
Building and grounds cleaning and maintenance occupations						
First-line supervisors/managers, building and grounds cleaning and maintenance workers	10.37	3.7	408	3.5	21,181	3.5
First-line supervisors/managers of housekeeping and janitorial workers ...	19.26	16.6	777	17.3	40,398	17.3
First-line supervisors/managers of landscaping, lawn service, and groundskeeping workers	14.61	9.1	578	7.8	30,030	7.8
Building cleaning workers	25.85	15.1	1,074	15.6	55,845	15.6
Janitors and cleaners, except maids and housekeeping cleaners	9.60	3.1	376	2.6	19,545	2.6
Maids and housekeeping cleaners	9.84	4.4	389	3.9	20,222	3.9
Grounds maintenance workers	9.09	2.5	349	2.2	18,133	2.2
Landscaping and groundskeeping workers	10.47	3.8	416	3.7	21,482	3.7
Personal care and service occupations	10.21	4.0	406	3.9	20,929	3.9
Personal care and service occupations	13.17	5.3	485	4.9	25,126	4.9

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
Personal care and service occupations						
–Continued						
First-line supervisors/managers of personal service workers	\$15.76	7.0%	\$685	8.7%	\$35,603	8.7%
Miscellaneous entertainment attendants and related workers	11.67	5.0	467	7.0	23,886	7.0
Amusement and recreation attendants	11.54	6.7	457	8.0	23,073	8.0
Barbers and cosmetologists	17.56	6.0	633	7.8	32,907	7.8
Hairdressers, hairstylists, and cosmetologists	17.56	6.0	633	7.8	32,907	7.8
Baggage porters, bellhops, and concierges	10.24	10.0	396	11.1	20,582	11.1
Baggage porters and bellhops	7.87	19.3	296	22.4	15,414	22.4
Transportation attendants	41.15	2.4	806	2.6	41,920	2.6
Flight attendants	42.04	1.2	814	2.5	42,305	2.5
Child care workers	8.43	3.0	334	3.1	17,308	3.1
Personal and home care aides	10.17	2.0	406	1.9	21,138	1.9
Recreation and fitness workers	11.94	9.1	474	8.7	24,657	8.7
Recreation workers	11.51	11.6	456	11.0	23,725	11.0
Sales and related occupations	17.75	3.9	708	4.0	36,615	4.0
First-line supervisors/managers, sales workers	19.45	5.9	812	6.1	42,227	6.1
First-line supervisors/managers of retail sales workers	17.24	6.6	720	6.7	37,459	6.7
First-line supervisors/managers of non-retail sales workers	28.47	9.2	1,184	9.2	61,557	9.2
Retail sales workers	11.65	3.6	460	3.7	23,726	3.7
Cashiers, all workers	9.36	2.4	364	2.2	18,943	2.2
Cashiers	9.34	2.4	364	2.2	18,909	2.2
Counter and rental clerks and parts salespersons	12.60	4.5	503	4.6	26,137	4.6
Counter and rental clerks	10.21	4.7	401	5.2	20,832	5.2
Parts salespersons	15.82	3.4	646	4.0	33,602	4.0
Retail salespersons	13.22	4.1	527	4.5	26,960	4.5
Advertising sales agents	17.91	22.3	710	21.6	36,902	21.6
Insurance sales agents	26.74	16.9	1,020	16.1	53,063	16.1
Securities, commodities, and financial services sales agents	58.24	31.0	2,365	29.5	122,961	29.5
Sales representatives, wholesale and manufacturing	29.71	3.9	1,194	3.6	61,906	3.6
Sales representatives, wholesale and manufacturing, technical and scientific products	32.90	11.0	1,321	11.0	68,700	11.0

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
Sales and related occupations –Continued						
Sales representatives, wholesale and manufacturing, except technical and scientific products	\$28.68	5.2%	\$1,152	4.8%	\$59,714	4.8%
Sales engineers	27.64	10.3	1,130	8.6	58,743	8.6
Telemarketers	14.87	9.0	583	9.4	30,301	9.4
Miscellaneous sales and related workers	17.19	9.1	678	8.8	34,225	8.8
Office and administrative support occupations						
First-line supervisors/managers of office and administrative support workers	14.94	1.3	594	1.2	30,834	1.2
Switchboard operators, including answering service	20.98	3.5	842	3.5	43,783	3.5
Telephone operators	10.80	5.3	428	5.3	22,242	5.3
Financial clerks	11.30	2.3	452	2.3	23,493	2.3
Bill and account collectors	14.40	2.0	573	2.0	29,801	2.0
Billing and posting clerks and machine operators	15.14	4.4	605	4.4	31,482	4.4
Bookkeeping, accounting, and auditing clerks	13.34	6.7	531	6.5	27,637	6.5
Payroll and timekeeping clerks	15.25	1.8	605	1.9	31,457	1.9
Procurement clerks	18.44	4.9	738	4.9	38,356	4.9
Tellers	16.99	7.8	680	7.8	35,344	7.8
Brokerage clerks	11.96	1.8	478	1.9	24,848	1.9
Credit authorizers, checkers, and clerks	15.68	11.0	618	8.3	32,114	8.3
Customer service representatives	15.53	7.3	621	7.3	32,303	7.3
File clerks	14.81	3.8	591	3.7	30,504	3.7
Hotel, motel, and resort desk clerks	11.07	6.3	441	6.2	22,919	6.2
Interviewers, except eligibility and loan	9.59	3.0	382	3.0	19,878	3.0
Library assistants, clerical	12.61	17.4	489	20.4	25,437	20.4
Loan interviewers and clerks	12.13	14.4	417	23.2	21,509	23.2
New accounts clerks	16.54	8.4	661	8.4	34,371	8.4
Order clerks	15.82	9.5	633	9.5	32,912	9.5
Human resources assistants, except payroll and timekeeping	13.96	6.9	558	6.9	28,992	6.9
Receptionists and information clerks	15.30	3.3	604	3.0	31,390	3.0
Reservation and transportation ticket agents and travel clerks	12.20	2.4	479	2.0	24,904	2.0
Dispatchers	14.56	3.7	582	3.7	30,282	3.7
Dispatchers, except police, fire, and ambulance	16.43	8.5	667	8.8	34,703	8.8
Meter readers, utilities	16.43	8.5	667	8.8	34,703	8.8
Production, planning, and expediting clerks	14.89	5.4	596	5.4	30,979	5.4
	18.67	7.9	751	7.8	39,040	7.8

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						
Shipping, receiving, and traffic clerks	\$12.74	3.5%	\$509	3.5%	\$26,467	3.5%
Stock clerks and order fillers	11.62	3.0	467	3.4	24,283	3.4
Weighers, measurers, checkers, and samplers, recordkeeping	13.69	13.8	548	13.8	28,478	13.8
Secretaries and administrative assistants	17.34	2.8	685	2.8	35,600	2.8
Executive secretaries and administrative assistants	21.13	5.1	837	5.0	43,531	5.0
Legal secretaries	17.58	10.7	690	9.6	35,868	9.6
Medical secretaries	13.63	2.8	533	2.6	27,727	2.6
Secretaries, except legal, medical, and executive	15.71	1.7	624	1.9	32,449	1.9
Computer operators	16.26	6.2	650	6.2	33,817	6.2
Data entry and information processing workers	14.01	4.3	555	4.2	28,867	4.2
Data entry keyers	13.74	4.1	544	4.1	28,303	4.1
Word processors and typists	16.52	7.4	656	6.7	34,089	6.7
Desktop publishers	15.28	7.5	611	7.5	31,783	7.5
Insurance claims and policy processing clerks	15.07	5.1	594	5.2	30,883	5.2
Mail clerks and mail machine operators, except postal service	12.61	6.2	494	5.4	25,698	5.4
Office clerks, general	14.40	2.2	567	2.2	29,482	2.2
Office machine operators, except computer ..	11.92	3.6	477	3.6	24,795	3.6
Farming, fishing, and forestry occupations ..	10.31	16.7	408	16.0	21,225	16.0
Construction and extraction occupations	16.26	2.0	650	2.1	33,654	2.1
First-line supervisors/managers of construction trades and extraction workers	23.13	4.1	945	4.8	49,157	4.8
Brickmasons, blockmasons, and stonemasons	18.17	10.2	727	10.2	37,596	10.2
Brickmasons and blockmasons	19.29	7.7	772	7.7	39,884	7.7
Carpenters	18.15	5.3	714	5.6	37,049	5.6
Cement masons, concrete finishers, and terrazzo workers	16.14	5.5	646	5.5	33,531	5.5
Cement masons and concrete finishers	16.14	5.5	646	5.5	33,531	5.5
Construction laborers	11.71	4.7	468	4.7	24,339	4.7
Construction equipment operators	15.10	2.3	604	2.3	31,095	2.3
Paving, surfacing, and tamping equipment operators	13.26	4.4	530	4.4	26,654	4.4

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
Construction and extraction occupations						
–Continued						
Operating engineers and other construction equipment operators	\$15.88	4.1%	\$635	4.1%	\$33,020	4.1%
Drywall installers, ceiling tile installers, and tapers	17.43	5.5	695	5.5	36,131	5.5
Drywall and ceiling tile installers	17.40	8.1	692	8.0	36,006	8.0
Electricians	19.37	5.8	775	5.8	40,264	5.8
Insulation workers	14.38	7.8	575	7.8	29,913	7.8
Painters and paperhangers	12.53	3.2	501	3.2	25,191	3.2
Painters, construction and maintenance	12.53	3.2	501	3.2	25,191	3.2
Pipelayers, plumbers, pipefitters, and steamfitters	17.74	3.0	710	3.0	36,890	3.0
Plumbers, pipefitters, and steamfitters	18.17	3.4	727	3.4	37,790	3.4
Roofers	13.36	10.0	535	10.0	27,689	10.0
Sheet metal workers	18.04	7.4	721	7.4	37,518	7.4
Helpers, construction trades	11.43	1.4	455	1.5	23,465	1.5
Helpers--carpenters	12.87	5.4	515	5.4	26,759	5.4
Helpers--electricians	11.67	3.2	467	3.2	24,230	3.2
Helpers--pipelayers, plumbers, pipefitters, and steamfitters	12.70	3.8	508	3.8	26,422	3.8
Miscellaneous construction and related workers	13.91	9.2	556	9.2	28,904	9.2
Installation, maintenance, and repair occupations						
First-line supervisors/managers of mechanics, installers, and repairers	19.47	2.1	782	2.1	40,676	2.1
Computer, automated teller, and office machine repairers	28.46	3.6	1,163	3.4	60,475	3.4
Radio and telecommunications equipment installers and repairers	17.81	5.3	709	5.5	36,883	5.5
Telecommunications equipment installers and repairers, except line installers	27.35	2.0	1,094	2.0	56,888	2.0
Miscellaneous electrical and electronic equipment mechanics, installers, and repairers	27.35	2.0	1,094	2.0	56,888	2.0
Electrical and electronics repairers, commercial and industrial equipment	18.39	5.0	735	5.0	38,236	5.0
Electrical and electronics repairers, powerhouse, substation, and relay	19.56	8.2	782	8.2	40,671	8.2
22.48	17.1	896	17.1	46,595	17.1	
Aircraft mechanics and service technicians ..	25.65	8.4	1,026	8.4	53,359	8.4
Automotive technicians and repairers	17.83	4.1	728	4.2	37,831	4.2
Automotive body and related repairers	18.08	13.0	723	13.0	37,615	13.0

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
Installation, maintenance, and repair occupations –Continued						
Automotive service technicians and mechanics	\$17.75	4.0%	\$730	4.3%	\$37,971	4.3%
Bus and truck mechanics and diesel engine specialists	17.35	6.0	697	6.1	36,221	6.1
Heavy vehicle and mobile equipment service technicians and mechanics	19.60	4.4	784	4.5	40,750	4.5
Mobile heavy equipment mechanics, except engines	19.56	4.8	782	4.8	40,670	4.8
Small engine mechanics	13.48	15.9	524	12.8	27,227	12.8
Control and valve installers and repairers	17.00	11.2	679	11.2	35,321	11.2
Heating, air conditioning, and refrigeration mechanics and installers	18.42	8.3	737	8.3	38,312	8.3
Home appliance repairers	14.64	4.1	644	9.1	33,476	9.1
Industrial machinery installation, repair, and maintenance workers	18.88	3.5	753	3.3	39,140	3.3
Industrial machinery mechanics	21.05	5.2	834	5.1	43,294	5.1
Maintenance and repair workers, general ..	16.47	6.9	657	6.9	34,164	6.9
Maintenance workers, machinery	18.31	4.4	748	4.2	38,888	4.2
Millwrights	21.94	6.3	878	6.3	45,631	6.3
Line installers and repairers	23.74	4.1	950	4.1	49,389	4.1
Electrical power-line installers and repairers	22.49	8.0	899	8.0	46,771	8.0
Telecommunications line installers and repairers	24.66	3.3	986	3.3	51,290	3.3
Precision instrument and equipment repairers	17.41	7.6	697	7.6	36,218	7.6
Miscellaneous installation, maintenance, and repair workers	13.58	4.0	543	4.2	28,218	4.2
Helpers--installation, maintenance, and repair workers	11.89	5.1	475	5.3	24,680	5.3
Production occupations	14.56	3.0	579	3.1	30,071	3.1
First-line supervisors/managers of production and operating workers	22.70	2.6	922	2.6	47,951	2.6
Electrical, electronics, and electromechanical assemblers	12.57	5.3	498	5.9	25,914	5.9
Electrical and electronic equipment assemblers	12.28	6.8	491	6.8	25,540	6.8
Electromechanical equipment assemblers	13.46	6.8	539	6.8	28,003	6.8
Engine and other machine assemblers	16.13	19.9	645	19.9	33,545	19.9
Structural metal fabricators and fitters	13.84	11.2	554	11.2	28,798	11.2
Miscellaneous assemblers and fabricators	13.71	4.1	546	4.2	28,389	4.2

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
Production occupations –Continued						
Team assemblers	\$15.09	15.5%	\$604	15.5%	\$31,387	15.5%
Bakers	10.70	5.0	422	5.8	21,955	5.8
Butchers and other meat, poultry, and fish processing workers	10.82	5.0	433	5.0	22,504	5.0
Butchers and meat cutters	12.56	12.1	502	12.1	26,126	12.1
Meat, poultry, and fish cutters and trimmers	9.70	2.1	388	2.1	20,177	2.1
Miscellaneous food processing workers	10.47	12.9	425	13.9	22,081	13.9
Food batchmakers	14.00	1.0	588	2.3	30,564	2.3
Computer control programmers and operators	16.67	8.1	667	8.1	34,673	8.1
Computer-controlled machine tool operators, metal and plastic	15.96	6.3	638	6.3	33,190	6.3
Forming machine setters, operators, and tenders, metal and plastic	16.91	11.7	652	11.7	33,853	11.7
Extruding and drawing machine setters, operators, and tenders, metal and plastic	14.98	6.1	574	4.1	29,843	4.1
Machine tool cutting setters, operators, and tenders, metal and plastic	12.39	8.6	494	8.5	25,670	8.5
Cutting, punching, and press machine setters, operators, and tenders, metal and plastic	11.46	10.2	458	10.2	23,831	10.2
Grinding, lapping, polishing, and buffing machine tool setters, operators, and tenders, metal and plastic	12.74	7.4	504	7.5	26,213	7.5
Lathe and turning machine tool setters, operators, and tenders, metal and plastic	15.25	11.0	607	11.0	31,583	11.0
Machinists	19.35	4.5	774	4.5	40,245	4.5
Molders and molding machine setters, operators, and tenders, metal and plastic	12.36	8.7	494	8.7	25,701	8.7
Molding, coremaking, and casting machine setters, operators, and tenders, metal and plastic	12.33	8.7	493	8.7	25,653	8.7
Multiple machine tool setters, operators, and tenders, metal and plastic	16.36	5.3	654	5.3	34,020	5.3
Tool and die makers	21.36	6.4	854	6.4	44,420	6.4
Welding, soldering, and brazing workers	18.11	4.4	718	4.5	37,283	4.5
Welders, cutters, solderers, and brazers	18.63	4.6	744	4.7	38,670	4.7
Welding, soldering, and brazing machine setters, operators, and tenders	15.57	5.4	598	5.3	30,817	5.3

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						
Miscellaneous metalworkers and plastic workers	\$15.90	15.6%	\$648	15.7%	\$33,646	15.7%
Heat treating equipment setters, operators, and tenders, metal and plastic	11.83	29.6	472	29.6	24,547	29.6
Plating and coating machine setters, operators, and tenders, metal and plastic	15.44	29.1	619	29.5	32,143	29.5
Bookbinders and bindery workers	13.54	7.9	533	7.2	27,701	7.2
Bindery workers	13.54	7.9	533	7.2	27,701	7.2
Printers	16.29	2.6	645	3.0	33,519	3.0
Prepress technicians and workers	20.00	10.0	785	9.1	40,809	9.1
Printing machine operators	15.89	2.9	630	3.3	32,715	3.3
Laundry and dry-cleaning workers	10.86	8.6	421	8.4	21,901	8.4
Pressers, textile, garment, and related materials	8.06	7.2	301	5.7	15,634	5.7
Sewing machine operators	12.01	10.9	474	11.7	24,661	11.7
Textile machine setters, operators, and tenders	11.73	6.2	466	6.5	24,199	6.5
Textile bleaching and dyeing machine operators and tenders	11.98	8.5	479	8.5	24,911	8.5
Textile cutting machine setters, operators, and tenders	10.19	18.5	396	20.1	20,593	20.1
Textile knitting and weaving machine setters, operators, and tenders	11.80	5.2	472	5.2	24,539	5.2
Textile winding, twisting, and drawing out machine setters, operators, and tenders	12.08	7.2	479	7.6	24,890	7.6
Miscellaneous textile, apparel, and furnishings workers	14.54	8.4	576	8.8	29,883	8.8
Extruding and forming machine setters, operators, and tenders, synthetic and glass fibers	16.26	12.1	640	12.8	33,271	12.8
Upholsterers	16.76	15.1	667	15.4	34,673	15.4
Woodworking machine setters, operators, and tenders	13.65	2.8	545	2.9	28,322	2.9
Sawing machine setters, operators, and tenders, wood	12.38	3.0	493	2.9	25,615	2.9
Woodworking machine setters, operators, and tenders, except sawing	14.31	3.8	572	3.8	29,728	3.8
Power plant operators, distributors, and dispatchers	26.97	21.6	1,079	21.6	56,088	21.6
Power plant operators	21.34	16.1	854	16.1	44,394	16.1
Water and liquid waste treatment plant and system operators	20.88	19.4	835	19.4	43,428	19.4

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
Production occupations —Continued						
Miscellaneous plant and system operators	\$20.75	7.1%	\$825	6.8%	\$42,916	6.8%
Chemical plant and system operators	20.68	10.4	821	10.0	42,668	10.0
Chemical processing machine setters, operators, and tenders	19.58	11.4	783	11.4	40,719	11.4
Chemical equipment operators and tenders	19.92	12.9	797	12.9	41,428	12.9
Crushing, grinding, polishing, mixing, and blending workers	15.50	11.4	613	11.2	31,850	11.2
Crushing, grinding, and polishing machine setters, operators, and tenders	19.14	23.1	765	23.1	39,804	23.1
Grinding and polishing workers, hand	11.51	4.3	460	4.3	23,931	4.3
Mixing and blending machine setters, operators, and tenders	16.34	10.9	642	10.5	33,359	10.5
Cutting workers	13.78	8.4	551	8.4	28,656	8.4
Cutters and trimmers, hand	15.89	8.5	635	8.5	33,044	8.5
Cutting and slicing machine setters, operators, and tenders	12.94	8.7	518	8.7	26,911	8.7
Extruding, forming, pressing, and compacting machine setters, operators, and tenders	13.09	31.2	520	30.2	27,021	30.2
Furnace, kiln, oven, drier, and kettle operators and tenders	18.07	13.6	723	13.6	37,583	13.6
Inspectors, testers, sorters, samplers, and weighers	13.29	7.0	532	7.3	27,687	7.3
Medical, dental, and ophthalmic laboratory technicians	16.71	11.2	654	12.3	34,016	12.3
Dental laboratory technicians	18.65	8.0	725	10.7	37,680	10.7
Packaging and filling machine operators and tenders	13.94	8.7	554	8.9	28,831	8.9
Painting workers	17.47	12.9	699	12.9	36,329	12.9
Coating, painting, and spraying machine setters, operators, and tenders	15.50	7.1	620	7.1	32,248	7.1
Painters, transportation equipment	23.08	12.5	923	12.5	48,015	12.5
Miscellaneous production workers	13.68	5.5	541	5.7	28,127	5.7
Cementing and gluing machine operators and tenders	10.30	7.1	412	7.1	21,416	7.1
Molders, shapers, and casters, except metal and plastic	14.88	4.9	595	4.9	30,960	4.9
Paper goods machine setters, operators, and tenders	18.79	10.2	752	10.2	39,093	10.2
Helpers--production workers	10.98	4.3	433	4.3	22,468	4.3
Transportation and material moving occupations	14.72	3.7	594	3.6	30,833	3.6

See footnotes at end of table.

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						
First-line supervisors/managers of helpers, laborers, and material movers, hand	\$19.57	6.3%	\$806	6.5%	\$41,919	6.5%
First-line supervisors/managers of transportation and material-moving machine and vehicle operators	23.16	5.6	944	5.6	49,064	5.6
Aircraft pilots and flight engineers	128.18	9.9	2,507	4.7	130,382	4.7
Airline pilots, copilots, and flight engineers	128.18	9.9	2,507	4.7	130,382	4.7
Bus drivers	10.92	11.1	426	12.6	22,159	12.6
Driver/sales workers and truck drivers	16.19	3.8	676	3.8	35,075	3.8
Driver/sales workers	15.14	15.0	616	16.1	32,043	16.1
Truck drivers, heavy and tractor-trailer	16.96	5.4	724	4.8	37,572	4.8
Truck drivers, light or delivery services	14.78	5.2	592	5.2	30,782	5.2
Parking lot attendants	7.52	7.5	301	7.5	15,640	7.5
Crane and tower operators	21.14	8.5	843	8.6	43,381	8.6
Dredge, excavating, and loading machine operators	15.95	7.3	638	7.3	33,028	7.3
Excavating and loading machine and dragline operators	15.94	7.4	638	7.4	33,015	7.4
Industrial truck and tractor operators	14.40	3.1	577	3.1	29,981	3.1
Laborers and material movers, hand	10.86	2.0	433	2.0	22,485	2.0
Cleaners of vehicles and equipment	9.60	7.0	382	7.1	19,887	7.1
Laborers and freight, stock, and material movers, hand	11.34	2.9	452	2.9	23,488	2.9
Machine feeders and offbearers	10.93	4.6	437	4.6	22,738	4.6
Packers and packagers, hand	9.73	3.3	386	3.9	20,027	3.9

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.