

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	\$20.54	1.2%	\$814	1.2%	\$42,124	1.2%
Management occupations	42.20	2.2	1,735	2.4	90,188	2.4
Chief executives	72.75	21.9	3,549	16.9	184,547	16.9
General and operations managers	45.72	9.3	1,934	10.3	100,559	10.3
Advertising and promotions managers	33.18	14.9	1,322	13.9	68,763	13.9
Marketing and sales managers	43.99	4.8	1,795	5.0	93,333	5.0
Marketing managers	43.16	5.1	1,728	5.4	89,870	5.4
Sales managers	44.62	8.4	1,847	8.4	96,056	8.4
Public relations managers	30.27	11.9	1,207	12.1	62,761	12.1
Administrative services managers	28.84	3.7	1,187	3.8	61,719	3.8
Computer and information systems managers	53.28	4.2	2,176	4.9	113,131	4.9
Financial managers	42.93	5.1	1,728	5.1	89,861	5.1
Human resources managers	47.78	9.5	1,956	10.2	101,731	10.2
Compensation and benefits managers	38.48	15.4	1,619	16.0	84,183	16.0
Training and development managers	60.25	17.2	2,385	17.3	123,997	17.3
Industrial production managers	40.25	7.7	1,642	8.2	85,392	8.2
Purchasing managers	42.11	15.2	1,724	14.5	89,622	14.5
Transportation, storage, and distribution managers	42.57	10.7	1,696	10.7	88,207	10.7
Construction managers	37.91	6.3	1,560	5.4	81,102	5.4
Education administrators	37.87	14.9	1,493	15.5	76,657	15.5
Education administrators, elementary and secondary school	39.75	8.4	1,501	14.3	77,370	14.3
Education administrators, postsecondary ..	45.20	19.3	1,793	18.9	92,206	18.9
Engineering managers	57.46	7.8	2,390	8.0	124,280	8.0
Food service managers	23.74	6.6	1,124	8.4	58,108	8.4
Medical and health services managers	32.35	18.3	1,402	14.2	72,923	14.2
Property, real estate, and community association managers	27.21	9.0	1,108	8.8	57,604	8.8
Social and community service managers	26.83	7.7	1,073	6.7	55,773	6.7
Business and financial operations occupations	32.87	2.3	1,327	2.3	68,995	2.3
Buyers and purchasing agents	28.55	6.0	1,139	6.0	59,243	6.0
Wholesale and retail buyers, except farm products	26.68	5.5	1,064	5.3	55,340	5.3
Purchasing agents, except wholesale, retail, and farm products	29.66	7.3	1,184	7.3	61,552	7.3
Claims adjusters, appraisers, examiners, and investigators	27.97	7.1	1,107	7.0	57,575	7.0
Claims adjusters, examiners, and investigators	27.97	7.1	1,107	7.0	57,575	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						
Compliance officers, except agriculture, construction, health and safety, and transportation	\$40.66	19.1%	\$1,634	20.3%	\$84,966	20.3%
Cost estimators	32.36	7.2	1,338	8.7	69,577	8.7
Human resources, training, and labor relations specialists	30.24	5.8	1,221	5.3	63,491	5.3
Employment, recruitment, and placement specialists	28.63	8.3	1,152	8.3	59,903	8.3
Compensation, benefits, and job analysis specialists	28.94	3.3	1,154	3.4	60,008	3.4
Training and development specialists	28.89	11.5	1,180	9.7	61,360	9.7
Logisticians	34.35	7.3	1,380	7.6	71,710	7.6
Management analysts	41.59	5.5	1,673	5.0	87,015	5.0
Meeting and convention planners	23.12	8.3	906	8.3	47,091	8.3
Accountants and auditors	30.20	5.8	1,233	5.7	64,136	5.7
Budget analysts	31.04	9.6	1,215	10.0	63,204	10.0
Credit analysts	41.65	22.4	1,666	22.4	86,630	22.4
Financial analysts and advisors	36.35	6.7	1,486	6.9	77,281	6.9
Financial analysts	39.69	7.8	1,651	8.2	85,865	8.2
Personal financial advisors	33.64	12.6	1,345	12.6	69,965	12.6
Insurance underwriters	28.77	11.5	1,141	11.5	59,352	11.5
Loan counselors and officers	29.35	5.5	1,194	5.8	62,092	5.8
Loan officers	29.35	6.0	1,190	6.1	61,881	6.1
Computer and mathematical science occupations						
Computer and information scientists, research	57.77	2.6	2,311	2.6	120,166	2.6
Computer programmers	34.87	7.0	1,429	6.5	74,291	6.5
Computer software engineers	42.63	1.6	1,707	1.6	88,762	1.6
Computer software engineers, applications	42.55	2.1	1,702	2.1	88,491	2.1
Computer software engineers, systems software	42.76	2.8	1,717	3.0	89,277	3.0
Computer support specialists	27.78	6.4	1,096	6.4	56,828	6.4
Computer systems analysts	41.38	3.6	1,652	3.5	85,915	3.5
Database administrators	36.01	8.5	1,429	8.4	74,296	8.4
Network and computer systems administrators	34.24	4.8	1,372	4.8	71,078	4.8
Network systems and data communications analysts	32.48	7.5	1,295	7.3	67,321	7.3
Operations research analysts	37.08	6.9	1,471	7.1	76,476	7.1
Statisticians	34.83	8.3	1,388	8.2	72,200	8.2

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	\$34.00	3.3%	\$1,366	3.3%	\$71,047	3.3%
Architects, except naval	38.46	7.8	1,539	7.8	80,024	7.8
Architects, except landscape and naval	39.47	7.2	1,579	7.2	82,121	7.2
Engineers	39.87	1.9	1,605	1.9	83,432	1.9
Aerospace engineers	40.65	7.8	1,626	7.8	84,554	7.8
Civil engineers	35.94	3.8	1,439	3.8	74,810	3.8
Computer hardware engineers	49.29	3.9	1,975	3.8	102,707	3.8
Electrical and electronics engineers	37.98	2.3	1,530	2.2	79,569	2.2
Electrical engineers	39.00	4.3	1,560	4.3	81,118	4.3
Electronics engineers, except computer	37.32	2.6	1,510	2.5	78,536	2.5
Environmental engineers	37.45	14.0	1,498	14.0	77,891	14.0
Industrial engineers, including health and safety	39.30	9.4	1,606	9.1	83,498	9.1
Health and safety engineers, except mining safety engineers and inspectors	46.22	14.2	1,902	12.2	98,900	12.2
Industrial engineers	35.63	7.6	1,450	7.7	75,408	7.7
Mechanical engineers	34.00	5.7	1,381	5.6	71,727	5.6
Drafters	23.78	6.6	951	6.6	49,465	6.6
Architectural and civil drafters	27.15	4.9	1,086	4.9	56,481	4.9
Mechanical drafters	24.57	4.0	983	4.0	51,109	4.0
Engineering technicians, except drafters	25.57	4.7	1,028	5.0	53,459	5.0
Electrical and electronic engineering technicians	26.02	2.8	1,039	2.8	54,053	2.8
Mechanical engineering technicians	28.37	16.8	1,204	20.4	62,622	20.4
Surveying and mapping technicians	16.32	6.1	653	6.1	33,950	6.1
Life, physical, and social science occupations	34.41	6.1	1,366	5.9	71,048	5.9
Life scientists	36.91	6.5	1,392	7.7	72,391	7.7
Biological scientists	35.08	11.7	1,248	8.6	64,899	8.6
Medical scientists	38.36	12.8	1,513	12.5	78,656	12.5
Physical scientists	37.21	11.0	1,496	11.7	77,809	11.7
Chemists and materials scientists	40.85	20.2	1,657	21.3	86,147	21.3
Chemists	38.39	24.9	1,562	26.4	81,212	26.4
Environmental scientists and geoscientists	29.79	12.8	1,191	12.8	61,954	12.8
Environmental scientists and specialists, including health	27.28	13.3	1,091	13.3	56,746	13.3
Market and survey researchers	40.08	27.2	1,606	27.2	83,517	27.2
Market research analysts	28.92	5.0	1,159	5.0	60,292	5.0
Miscellaneous social scientists and related workers	43.46	11.2	1,733	10.7	90,125	10.7
Biological technicians	22.77	10.8	906	10.7	47,108	10.7
Chemical technicians	22.24	7.2	889	7.2	46,251	7.2

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
Life, physical, and social science occupations –Continued						
Miscellaneous life, physical, and social science technicians	\$23.03	9.0%	\$918	8.8%	\$47,748	8.8%
Community and social services occupations	16.97	3.5	658	4.2	34,165	4.2
Counselors	17.80	5.6	698	5.9	36,271	5.9
Substance abuse and behavioral disorder counselors	16.29	6.9	652	6.9	33,882	6.9
Educational, vocational, and school counselors	21.11	7.1	813	4.9	42,281	4.9
Rehabilitation counselors	15.73	5.2	615	4.1	31,992	4.1
Social workers	18.68	3.7	737	3.6	38,232	3.6
Child, family, and school social workers ..	16.02	6.2	624	4.9	32,179	4.9
Medical and public health social workers	21.96	6.8	867	6.6	45,061	6.6
Mental health and substance abuse social workers	19.16	6.2	767	6.2	39,860	6.2
Miscellaneous community and social service specialists	12.96	9.2	483	10.1	25,102	10.1
Social and human service assistants	12.14	12.8	465	14.8	24,184	14.8
Legal occupations	37.83	7.4	1,497	7.0	77,830	7.0
Lawyers	58.76	6.7	2,346	6.5	122,012	6.5
Paralegals and legal assistants	24.00	5.4	943	5.8	49,030	5.8
Miscellaneous legal support workers	19.15	7.3	761	7.8	39,549	7.8
Education, training, and library occupations	27.97	5.3	1,090	5.5	48,985	5.5
Postsecondary teachers	39.66	12.7	1,530	13.1	70,063	13.1
Business teachers, postsecondary	44.38	13.0	1,793	9.7	69,146	9.7
Math and computer teachers, postsecondary	48.67	9.3	1,808	9.7	78,541	9.7
Life sciences teachers, postsecondary	44.88	9.0	1,838	7.6	81,574	7.6
Biological science teachers, postsecondary	44.88	9.0	1,838	7.6	81,574	7.6
Social sciences teachers, postsecondary	45.24	7.4	1,712	7.7	75,024	7.7
Arts, communications, and humanities teachers, postsecondary	41.12	8.7	1,657	7.9	67,508	7.9
English language and literature teachers, postsecondary	38.84	9.4	1,626	16.6	64,449	16.6
Philosophy and religion teachers, postsecondary	43.44	14.1	1,794	10.2	70,081	10.2
Miscellaneous postsecondary teachers	22.89	6.1	855	12.3	43,722	12.3
Primary, secondary, and special education school teachers	26.85	5.4	1,043	5.5	41,340	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
Education, training, and library occupations						
–Continued						
Preschool and kindergarten teachers	\$13.21	7.3%	\$528	7.3%	\$25,373	7.3%
Preschool teachers, except special education	13.21	7.3	528	7.3	25,373	7.3
Elementary and middle school teachers	29.18	5.4	1,106	5.4	42,010	5.4
Elementary school teachers, except special education	28.23	7.3	1,068	7.0	40,466	7.0
Middle school teachers, except special and vocational education	30.45	5.0	1,155	5.2	44,079	5.2
Secondary school teachers	30.71	3.9	1,218	4.4	46,555	4.4
Secondary school teachers, except special and vocational education	30.71	3.9	1,218	4.4	46,555	4.4
Other teachers and instructors	19.93	29.0	829	20.3	39,387	20.3
Librarians	30.11	9.4	1,145	9.2	50,070	9.2
Teacher assistants	11.39	4.7	437	4.6	21,455	4.6
Arts, design, entertainment, sports, and media occupations						
Artists and related workers	28.43	21.6	1,132	21.3	58,422	21.3
Designers	20.31	8.7	818	8.7	42,561	8.7
Graphic designers	20.61	8.5	831	8.6	43,209	8.6
Actors, producers, and directors	28.36	15.7	1,144	15.9	59,491	15.9
Producers and directors	29.10	15.9	1,174	16.1	61,072	16.1
Athletes, coaches, umpires, and related workers	25.50	17.6	948	17.6	49,084	17.6
Coaches and scouts	25.89	21.4	938	22.2	48,531	22.2
News analysts, reporters and correspondents	30.24	20.7	1,200	20.7	62,408	20.7
Reporters and correspondents	30.24	20.7	1,200	20.7	62,408	20.7
Public relations specialists	32.47	8.8	1,299	8.4	67,549	8.4
Writers and editors	32.81	14.4	1,306	14.3	67,926	14.3
Editors	29.10	21.5	1,153	21.3	59,976	21.3
Technical writers	36.82	20.9	1,482	20.8	77,060	20.8
Writers and authors	32.07	18.6	1,259	17.1	65,473	17.1
Photographers	16.56	8.9	660	8.7	34,294	8.7
Healthcare practitioner and technical occupations						
Pharmacists	50.75	4.5	1,998	4.5	103,874	4.5
Physicians and surgeons	88.57	15.4	3,629	15.6	188,733	15.6
Registered nurses	29.47	1.4	1,143	1.4	59,434	1.4
Therapists	29.65	3.9	1,163	3.9	60,458	3.9
Occupational therapists	32.89	4.3	1,305	4.4	67,861	4.4
Physical therapists	32.91	5.0	1,286	5.2	66,881	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
Healthcare practitioner and technical occupations –Continued						
Respiratory therapists	\$25.75	3.8%	\$1,006	3.8%	\$52,333	3.8%
Speech-language pathologists	31.95	5.3	1,221	3.7	63,470	3.7
Clinical laboratory technologists and technicians	20.26	3.2	806	3.9	41,930	3.9
Medical and clinical laboratory technologists	22.59	5.2	911	4.5	47,355	4.5
Medical and clinical laboratory technicians	17.63	4.1	691	4.4	35,953	4.4
Dental hygienists	28.27	7.0	991	6.3	51,541	6.3
Diagnostic related technologists and technicians	26.23	3.3	1,039	3.3	54,019	3.3
Cardiovascular technologists and technicians	23.48	8.2	939	8.2	48,838	8.2
Diagnostic medical sonographers	31.54	6.2	1,258	6.2	65,396	6.2
Nuclear medicine technologists	33.32	2.4	1,333	2.4	69,309	2.4
Radiologic technologists and technicians ..	24.61	4.2	966	4.2	50,239	4.2
Emergency medical technicians and paramedics	14.30	11.8	610	10.9	31,708	10.9
Health diagnosing and treating practitioner support technicians	15.84	5.2	623	5.2	32,403	5.2
Pharmacy technicians	13.98	5.0	557	5.0	28,952	5.0
Respiratory therapy technicians	24.67	7.4	904	6.9	46,990	6.9
Surgical technologists	18.72	6.2	745	6.5	38,715	6.5
Licensed practical and licensed vocational nurses	17.72	5.5	691	5.0	35,915	5.0
Medical records and health information technicians	18.52	6.8	728	7.3	37,870	7.3
Miscellaneous health technologists and technicians	17.65	3.9	706	3.9	36,718	3.9
Healthcare support occupations	12.77	2.3	494	2.4	25,696	2.4
Nursing, psychiatric, and home health aides	11.04	1.4	425	1.6	22,097	1.6
Home health aides	10.02	3.1	380	3.5	19,783	3.5
Nursing aides, orderlies, and attendants	11.32	1.5	436	1.5	22,691	1.5
Psychiatric aides	9.45	7.0	378	7.0	19,658	7.0
Physical therapist assistants and aides	19.50	9.9	780	9.9	40,549	9.9
Physical therapist assistants	21.12	14.2	844	14.2	43,911	14.2
Physical therapist aides	16.29	17.2	652	17.2	33,892	17.2
Miscellaneous healthcare support occupations	13.79	2.6	536	2.6	27,870	2.6
Dental assistants	16.93	3.8	643	5.2	33,445	5.2
Medical assistants	13.42	3.3	525	3.6	27,306	3.6

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 support occupations —Continued						
Medical equipment preparers	\$12.66	7.6%	\$496	8.2%	\$25,783	8.2%
Medical transcriptionists	15.45	3.2	615	2.9	31,965	2.9
Pharmacy aides	11.83	8.8	420	7.2	21,833	7.2
Protective service occupations	12.22	5.4	486	5.4	22,437	5.4
Security guards and gaming surveillance officers	11.34	3.6	449	3.6	23,326	3.6
Security guards	11.34	3.6	449	3.6	23,326	3.6
Food preparation and serving related occupations						
First-line supervisors/managers, food preparation and serving workers	8.96	2.4	339	2.9	17,589	2.9
Chefs and head cooks	14.01	3.5	576	4.1	29,768	4.1
First-line supervisors/managers of food preparation and serving workers	15.16	14.6	606	14.6	31,266	14.6
Cooks	13.83	2.7	571	3.4	29,519	3.4
Cooks, fast food	10.38	2.4	401	2.5	20,810	2.5
Cooks, institution and cafeteria	8.65	7.3	335	11.2	17,412	11.2
Cooks, restaurant	11.22	2.5	435	3.8	22,255	3.8
Cooks, short order	10.87	4.0	421	3.9	21,886	3.9
Food preparation workers	9.83	4.3	380	4.7	19,752	4.7
Food service, tipped	10.33	2.7	403	3.7	20,651	3.7
Bartenders	4.90	8.0	174	9.0	9,028	9.0
Waiters and waitresses	6.15	16.4	213	17.9	11,068	17.9
Dining room and cafeteria attendants and bartender helpers	3.90	5.0	138	5.8	7,154	5.8
Fast food and counter workers	7.81	8.1	292	7.7	15,115	7.7
Combined food preparation and serving workers, including fast food	8.61	3.0	325	3.4	16,876	3.4
Counter attendants, cafeteria, food concession, and coffee shop	8.58	3.2	324	3.7	16,835	3.7
Food servers, nonrestaurant	8.85	4.7	331	5.9	17,143	5.9
Dishwashers	8.01	5.9	313	6.7	16,276	6.7
Hosts and hostesses, restaurant, lounge, and coffee shop	8.69	4.4	329	3.3	17,014	3.3
Building and grounds cleaning and maintenance occupations	9.34	13.9	313	17.8	16,280	17.8
First-line supervisors/managers, building and grounds cleaning and maintenance workers	10.89	2.0	428	2.1	22,149	2.1
	18.98	5.1	760	5.4	39,534	5.4

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
Building and grounds cleaning and maintenance occupations –Continued						
First-line supervisors/managers of housekeeping and janitorial workers ...	\$17.29	5.3%	\$686	5.3%	\$35,678	5.3%
First-line supervisors/managers of landscaping, lawn service, and groundskeeping workers	21.09	7.5	854	8.4	44,431	8.4
Building cleaning workers	10.07	2.4	393	2.3	20,421	2.3
Janitors and cleaners, except maids and housekeeping cleaners	10.33	3.7	406	3.4	21,052	3.4
Maids and housekeeping cleaners	9.41	2.4	362	3.1	18,843	3.1
Grounds maintenance workers	10.54	2.7	419	2.7	21,448	2.7
Landscaping and groundskeeping workers	10.44	2.7	415	2.7	21,222	2.7
Personal care and service occupations						
First-line supervisors/managers of personal service workers	13.98	6.3	506	6.6	26,154	6.6
Miscellaneous entertainment attendants and related workers	16.35	6.7	709	8.4	36,845	8.4
Amusement and recreation attendants	11.61	4.0	464	4.7	23,920	4.7
Locker room, coatroom, and dressing room attendants	12.06	5.0	479	5.4	24,544	5.4
Barbers and cosmetologists	10.74	8.5	434	11.7	22,579	11.7
Hairdressers, hairstylists, and cosmetologists	19.87	16.6	725	18.2	36,789	18.2
Baggage porters, bellhops, and concierges	19.87	16.6	725	18.2	36,789	18.2
Transportation attendants	10.66	12.1	394	15.2	20,494	15.2
Flight attendants	–	–	660	21.9	34,305	21.9
Child care workers	44.28	1.1	858	1.2	44,624	1.2
Personal and home care aides	9.26	3.2	358	2.9	18,538	2.9
Recreation and fitness workers	10.53	2.0	420	2.1	21,856	2.1
Recreation workers	13.57	14.4	540	14.6	28,056	14.6
	11.77	15.5	467	15.5	24,286	15.5
Sales and related occupations						
First-line supervisors/managers, sales workers	17.87	2.8	713	2.9	36,759	2.9
First-line supervisors/managers of retail sales workers	19.79	5.5	815	5.7	42,377	5.7
First-line supervisors/managers of non-retail sales workers	18.13	6.5	746	6.7	38,807	6.7
Retail sales workers	27.44	9.0	1,133	8.8	58,916	8.8
Cashiers, all workers	12.13	2.3	481	2.4	24,700	2.4
Cashiers	9.88	2.3	385	2.1	19,758	2.1
	9.88	2.4	385	2.1	19,762	2.1

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						
Counter and rental clerks and parts salespersons	\$14.36	5.9%	\$574	6.0%	\$29,866	6.0%
Counter and rental clerks	11.42	7.9	448	8.4	23,300	8.4
Parts salespersons	17.15	6.5	698	6.2	36,312	6.2
Retail salespersons	13.57	2.6	545	2.7	27,933	2.7
Advertising sales agents	24.10	13.9	964	13.9	50,119	13.9
Insurance sales agents	27.97	11.2	1,065	11.0	55,380	11.0
Securities, commodities, and financial services sales agents	46.32	20.5	1,855	19.8	96,434	19.8
Travel agents	12.76	6.1	510	6.1	26,541	6.1
Sales representatives, wholesale and manufacturing	28.66	7.8	1,161	7.3	60,377	7.3
Sales representatives, wholesale and manufacturing, technical and scientific products	38.83	17.3	1,560	17.0	81,144	17.0
Sales representatives, wholesale and manufacturing, except technical and scientific products	23.87	4.6	971	4.7	50,481	4.7
Models, demonstrators, and product promoters	15.64	15.1	626	15.1	31,000	15.1
Demonstrators and product promoters	15.64	15.1	626	15.1	31,000	15.1
Real estate brokers and sales agents	19.39	19.4	769	17.6	39,982	17.6
Real estate sales agents	19.22	20.2	762	18.3	39,637	18.3
Telemarketers	15.56	10.8	598	12.8	31,073	12.8
Miscellaneous sales and related workers	21.79	10.1	872	10.2	43,881	10.2
Office and administrative support occupations						
First-line supervisors/managers of office and administrative support workers	15.75	1.1	623	1.1	32,373	1.1
Switchboard operators, including answering service	22.69	5.2	913	5.4	47,465	5.4
Telephone operators	11.00	5.9	440	5.9	22,883	5.9
Telephone operators	10.50	9.4	420	9.4	21,827	9.4
Financial clerks	15.52	1.5	611	1.8	31,745	1.8
Bill and account collectors	15.37	3.6	614	3.6	31,938	3.6
Billing and posting clerks and machine operators	15.75	2.4	622	2.5	32,363	2.5
Bookkeeping, accounting, and auditing clerks	16.23	2.4	631	3.2	32,745	3.2
Payroll and timekeeping clerks	17.64	4.1	709	4.2	36,851	4.2
Procurement clerks	17.93	7.2	714	7.3	37,130	7.3
Tellers	13.02	2.1	519	2.2	27,008	2.2
Brokerage clerks	16.18	5.5	641	5.4	33,312	5.4

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
Office and administrative support occupations –Continued						
Credit authorizers, checkers, and clerks	\$18.81	6.1%	\$753	6.1%	\$39,134	6.1%
Customer service representatives	15.41	2.0	614	1.9	31,657	1.9
File clerks	11.54	4.8	461	4.8	23,974	4.8
Hotel, motel, and resort desk clerks	10.05	3.1	403	3.0	20,972	3.0
Interviewers, except eligibility and loan	13.29	13.7	514	16.8	26,323	16.8
Loan interviewers and clerks	15.74	5.2	626	5.4	32,542	5.4
New accounts clerks	16.27	7.1	651	7.1	33,837	7.1
Order clerks	15.88	6.4	635	6.4	33,039	6.4
Human resources assistants, except payroll and timekeeping	18.18	10.4	717	9.5	37,288	9.5
Receptionists and information clerks	12.68	2.3	496	2.3	25,805	2.3
Reservation and transportation ticket agents and travel clerks	14.69	6.0	587	6.0	30,545	6.0
Dispatchers	17.35	5.6	697	5.6	36,242	5.6
Dispatchers, except police, fire, and ambulance	17.93	5.4	721	5.7	37,479	5.7
Meter readers, utilities	15.71	7.4	628	7.4	32,673	7.4
Production, planning, and expediting clerks	19.20	3.2	770	3.2	40,033	3.2
Shipping, receiving, and traffic clerks	13.55	2.7	540	2.7	28,096	2.7
Stock clerks and order fillers	12.30	3.0	492	3.1	25,585	3.1
Weighers, measurers, checkers, and samplers, recordkeeping	12.43	12.6	497	12.6	25,848	12.6
Secretaries and administrative assistants	18.60	2.5	733	2.5	38,093	2.5
Executive secretaries and administrative assistants	22.06	3.9	876	3.9	45,528	3.9
Legal secretaries	23.27	6.1	883	5.9	45,920	5.9
Medical secretaries	14.00	5.1	555	5.0	28,847	5.0
Secretaries, except legal, medical, and executive	15.93	3.1	628	3.0	32,563	3.0
Computer operators	17.33	6.3	688	6.5	35,770	6.5
Data entry and information processing workers	14.25	3.8	566	3.8	29,437	3.8
Data entry keyers	13.82	3.9	549	4.0	28,565	4.0
Word processors and typists	17.90	8.1	704	7.2	36,613	7.2
Desktop publishers	17.76	9.2	697	9.8	36,106	9.8
Insurance claims and policy processing clerks	16.32	4.4	644	4.4	33,474	4.4
Mail clerks and mail machine operators, except postal service	11.19	7.0	445	6.9	23,161	6.9
Office clerks, general	14.93	1.6	585	1.6	30,414	1.6
Office machine operators, except computer ..	12.06	6.4	482	6.4	25,075	6.4

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
Farming, fishing, and forestry occupations ..	\$13.53	8.1%	\$447	7.4%	\$23,226	7.4%
Construction and extraction occupations	16.92	2.7	675	2.7	35,021	2.7
First-line supervisors/managers of construction trades and extraction workers	25.66	5.2	1,049	5.4	54,561	5.4
Brickmasons, blockmasons, and stonemasons	18.44	9.1	737	9.1	38,133	9.1
Brickmasons and blockmasons	19.29	9.0	772	9.0	39,841	9.0
Carpenters	17.80	3.9	696	4.1	36,130	4.1
Cement masons, concrete finishers, and terrazzo workers	15.12	5.0	594	5.5	30,871	5.5
Cement masons and concrete finishers	15.12	5.0	594	5.5	30,871	5.5
Construction laborers	11.95	4.4	476	4.4	24,681	4.4
Construction equipment operators	15.63	2.8	624	2.8	32,327	2.8
Paving, surfacing, and tamping equipment operators	13.03	8.4	521	8.4	26,703	8.4
Operating engineers and other construction equipment operators	16.30	4.3	651	4.3	33,813	4.3
Drywall installers, ceiling tile installers, and tapers	16.65	6.4	664	6.3	34,520	6.3
Drywall and ceiling tile installers	16.67	6.6	665	6.5	34,569	6.5
Electricians	21.16	4.7	845	4.7	43,949	4.7
Insulation workers	16.95	7.2	678	7.2	35,253	7.2
Painters and paperhangers	14.44	7.1	577	7.1	30,027	7.1
Painters, construction and maintenance	14.66	8.3	586	8.3	30,493	8.3
Pipelayers, plumbers, pipefitters, and steamfitters	17.69	5.5	708	5.5	36,772	5.5
Pipelayers	12.96	5.8	519	5.8	26,842	5.8
Plumbers, pipefitters, and steamfitters	18.56	5.1	742	5.1	38,599	5.1
Roofers	14.43	5.1	577	5.1	29,964	5.1
Sheet metal workers	18.42	7.7	732	7.7	37,976	7.7
Helpers, construction trades	11.77	4.1	462	3.7	23,996	3.7
Helpers--carpenters	12.20	5.1	471	4.9	24,492	4.9
Helpers--electricians	12.86	2.2	514	2.2	26,744	2.2
Helpers--pipelayers, plumbers, pipefitters, and steamfitters	10.43	2.7	417	2.7	21,689	2.7
Construction and building inspectors	22.77	5.5	918	5.4	47,753	5.4
Miscellaneous construction and related workers	17.36	10.2	693	10.1	36,031	10.1
Mining machine operators	22.66	22.9	931	26.9	48,414	26.9
Continuous mining machine operators	25.80	10.0	1,070	15.3	55,651	15.3

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
Installation, maintenance, and repair occupations	\$20.28	2.3%	\$815	2.4%	\$42,372	2.4%
First-line supervisors/managers of mechanics, installers, and repairers	26.69	4.4	1,096	4.6	57,007	4.6
Computer, automated teller, and office machine repairers	18.86	3.1	754	3.1	39,227	3.1
Radio and telecommunications equipment installers and repairers	28.14	3.9	1,126	3.9	58,540	3.9
Telecommunications equipment installers and repairers, except line installers	28.14	3.9	1,126	3.9	58,540	3.9
Miscellaneous electrical and electronic equipment mechanics, installers, and repairers	21.56	6.0	857	6.4	44,544	6.4
Electrical and electronics repairers, commercial and industrial equipment	20.36	5.6	804	6.0	41,792	6.0
Electrical and electronics repairers, powerhouse, substation, and relay	29.27	2.2	1,154	2.9	60,021	2.9
Security and fire alarm systems installers	21.29	14.6	851	14.6	44,278	14.6
Aircraft mechanics and service technicians ..	27.58	7.1	1,103	7.1	57,361	7.1
Automotive technicians and repairers	17.81	5.2	727	5.4	37,816	5.4
Automotive body and related repairers	16.69	10.2	679	10.6	35,323	10.6
Automotive service technicians and mechanics	17.98	6.1	736	6.4	38,281	6.4
Bus and truck mechanics and diesel engine specialists	18.41	5.5	743	5.5	38,645	5.5
Heavy vehicle and mobile equipment service technicians and mechanics	20.97	5.2	838	5.2	43,590	5.2
Mobile heavy equipment mechanics, except engines	21.29	4.7	851	4.7	44,244	4.7
Small engine mechanics	14.78	13.0	580	11.8	30,166	11.8
Motorboat mechanics	14.98	17.5	585	15.8	30,394	15.8
Miscellaneous vehicle and mobile equipment mechanic, installers, and repairers	9.96	10.0	392	12.4	20,402	12.4
Tire repairers and changers	9.57	9.9	377	12.4	19,592	12.4
Control and valve installers and repairers	19.98	10.8	798	10.7	41,521	10.7
Control and valve installers and repairers, except mechanical door	22.34	5.6	892	5.6	46,395	5.6
Heating, air conditioning, and refrigeration mechanics and installers	20.26	8.0	809	7.9	42,057	7.9
Industrial machinery installation, repair, and maintenance workers	18.84	2.9	752	2.8	39,026	2.8
Industrial machinery mechanics	22.43	3.7	886	3.8	46,055	3.8
Maintenance and repair workers, general ..	17.09	4.1	680	4.1	35,311	4.1
Maintenance workers, machinery	16.92	6.8	696	6.1	36,156	6.1

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
Installation, maintenance, and repair occupations –Continued						
Line installers and repairers	\$25.79	2.4%	\$1,031	2.4%	\$53,634	2.4%
Electrical power-line installers and repairers	25.86	6.9	1,034	6.9	53,788	6.9
Telecommunications line installers and repairers	25.76	2.1	1,030	2.1	53,576	2.1
Miscellaneous installation, maintenance, and repair workers	14.28	3.5	570	3.6	29,661	3.6
Helpers--installation, maintenance, and repair workers	12.51	5.6	499	5.7	25,966	5.7
Production occupations	15.23	2.4	604	2.5	31,376	2.5
First-line supervisors/managers of production and operating workers	23.77	5.5	957	5.3	49,781	5.3
Aircraft structure, surfaces, rigging, and systems assemblers	23.61	4.1	945	4.1	49,117	4.1
Electrical, electronics, and electromechanical assemblers	13.45	5.3	535	5.7	27,813	5.7
Electrical and electronic equipment assemblers	13.09	6.9	524	6.9	27,235	6.9
Electromechanical equipment assemblers	14.60	5.8	584	5.8	30,360	5.8
Structural metal fabricators and fitters	14.14	10.8	566	10.8	29,414	10.8
Miscellaneous assemblers and fabricators	14.55	5.3	579	5.3	30,087	5.3
Team assemblers	13.10	5.4	522	5.3	27,146	5.3
Bakers	12.79	4.0	505	4.1	25,379	4.1
Butchers and other meat, poultry, and fish processing workers	10.98	3.2	438	3.2	22,786	3.2
Butchers and meat cutters	12.94	6.6	514	7.0	26,722	7.0
Meat, poultry, and fish cutters and trimmers	10.30	1.4	412	1.4	21,420	1.4
Miscellaneous food processing workers	11.18	7.7	447	7.7	23,245	7.7
Food batchmakers	12.22	6.9	489	6.9	25,414	6.9
Computer control programmers and operators	16.45	5.6	651	5.3	33,852	5.3
Computer-controlled machine tool operators, metal and plastic	16.45	5.6	651	5.3	33,852	5.3
Forming machine setters, operators, and tenders, metal and plastic	18.84	10.0	723	10.0	37,614	10.0
Extruding and drawing machine setters, operators, and tenders, metal and plastic	17.16	7.3	658	7.4	34,196	7.4
Rolling machine setters, operators, and tenders, metal and plastic	25.98	27.3	1,001	28.3	52,057	28.3

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						
Machine tool cutting setters, operators, and tenders, metal and plastic	\$13.27	6.7%	\$527	6.5%	\$27,392	6.5%
Cutting, punching, and press machine setters, operators, and tenders, metal and plastic	12.85	8.2	512	8.3	26,621	8.3
Grinding, lapping, polishing, and buffing machine tool setters, operators, and tenders, metal and plastic	13.86	5.7	548	5.8	28,514	5.8
Lathe and turning machine tool setters, operators, and tenders, metal and plastic	14.80	13.9	578	15.0	30,057	15.0
Machinists	20.58	4.5	823	4.5	42,802	4.5
Molders and molding machine setters, operators, and tenders, metal and plastic	12.86	6.7	510	7.2	26,522	7.2
Molding, coremaking, and casting machine setters, operators, and tenders, metal and plastic	12.86	6.7	510	7.2	26,522	7.2
Multiple machine tool setters, operators, and tenders, metal and plastic	17.19	5.6	688	5.6	35,754	5.6
Tool and die makers	21.66	6.8	866	6.8	45,056	6.8
Welding, soldering, and brazing workers	18.39	4.6	730	4.7	37,911	4.7
Welders, cutters, solderers, and brazers	18.61	5.2	742	5.2	38,563	5.2
Welding, soldering, and brazing machine setters, operators, and tenders	17.09	3.7	661	3.2	34,178	3.2
Miscellaneous metalworkers and plastic workers	14.99	14.0	600	13.8	31,166	13.8
Plating and coating machine setters, operators, and tenders, metal and plastic	15.53	23.3	621	23.3	32,294	23.3
Printers	15.50	7.3	612	6.9	31,815	6.9
Prepress technicians and workers	17.48	12.8	699	12.8	36,355	12.8
Printing machine operators	15.11	8.0	595	7.5	30,925	7.5
Laundry and dry-cleaning workers	9.69	6.2	380	6.2	19,743	6.2
Pressers, textile, garment, and related materials	9.41	6.0	346	5.7	17,981	5.7
Sewing machine operators	12.72	10.1	504	10.5	26,200	10.5
Textile machine setters, operators, and tenders	12.79	7.4	507	7.5	26,382	7.5
Textile bleaching and dyeing machine operators and tenders	10.68	4.0	423	3.4	21,978	3.4
Textile cutting machine setters, operators, and tenders	11.22	10.1	444	11.1	23,093	11.1

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
Production occupations –Continued						
Textile knitting and weaving machine setters, operators, and tenders	\$13.70	3.8%	\$548	3.8%	\$28,501	3.8%
Textile winding, twisting, and drawing out machine setters, operators, and tenders	12.78	11.4	505	11.8	26,256	11.8
Miscellaneous textile, apparel, and furnishings workers	16.61	5.2	657	5.1	34,177	5.1
Extruding and forming machine setters, operators, and tenders, synthetic and glass fibers	17.32	10.9	681	11.6	35,436	11.6
Upholsterers	17.97	9.6	714	9.3	37,115	9.3
Cabinetmakers and bench carpenters	17.73	11.5	654	9.4	33,983	9.4
Woodworking machine setters, operators, and tenders	13.82	4.9	553	4.9	28,747	4.9
Sawing machine setters, operators, and tenders, wood	12.91	3.6	516	3.6	26,847	3.6
Woodworking machine setters, operators, and tenders, except sawing	14.48	6.1	579	6.1	30,111	6.1
Power plant operators, distributors, and dispatchers	32.18	7.2	1,275	7.6	66,318	7.6
Power plant operators	28.78	1.6	1,128	2.0	58,647	2.0
Miscellaneous plant and system operators	22.95	4.6	924	5.1	48,070	5.1
Chemical plant and system operators	22.74	5.6	920	6.1	47,851	6.1
Chemical processing machine setters, operators, and tenders	20.63	9.6	819	9.6	42,583	9.6
Chemical equipment operators and tenders	20.84	10.7	834	10.7	43,355	10.7
Crushing, grinding, polishing, mixing, and blending workers	15.74	10.5	622	10.3	32,362	10.3
Crushing, grinding, and polishing machine setters, operators, and tenders	18.05	16.8	722	16.8	37,549	16.8
Grinding and polishing workers, hand	11.84	5.7	466	6.7	24,243	6.7
Mixing and blending machine setters, operators, and tenders	16.18	13.6	638	13.2	33,175	13.2
Cutting workers	14.25	5.2	566	5.0	29,455	5.0
Cutters and trimmers, hand	14.60	9.6	575	8.8	29,908	8.8
Cutting and slicing machine setters, operators, and tenders	14.10	6.4	563	6.3	29,267	6.3
Extruding, forming, pressing, and compacting machine setters, operators, and tenders	13.49	23.1	537	22.5	27,901	22.5
Furnace, kiln, oven, drier, and kettle operators and tenders	20.58	21.8	823	21.8	42,815	21.8
Inspectors, testers, sorters, samplers, and weighers	14.20	3.7	567	3.7	29,397	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
Production occupations —Continued						
Medical, dental, and ophthalmic laboratory technicians	\$18.86	8.2%	\$754	8.2%	\$39,222	8.2%
Dental laboratory technicians	19.09	9.2	764	9.2	39,712	9.2
Packaging and filling machine operators and tenders	14.71	9.1	587	9.2	30,509	9.2
Painting workers	16.41	10.9	661	11.3	34,390	11.3
Coating, painting, and spraying machine setters, operators, and tenders	14.76	9.6	585	9.7	30,401	9.7
Painters, transportation equipment	21.33	14.2	887	13.0	46,144	13.0
Painting, coating, and decorating workers	12.89	12.1	516	12.1	26,812	12.1
Miscellaneous production workers	13.89	4.6	549	4.7	28,540	4.7
Cementing and gluing machine operators and tenders	13.58	20.3	530	21.9	27,551	21.9
Molders, shapers, and casters, except metal and plastic	15.10	5.4	604	5.4	31,409	5.4
Paper goods machine setters, operators, and tenders	17.48	13.0	699	13.0	36,354	13.0
Tire builders	19.88	12.8	795	12.8	41,354	12.8
Helpers--production workers	11.84	4.8	468	4.8	24,284	4.8
Transportation and material moving occupations						
First-line supervisors/managers of helpers, laborers, and material movers, hand	17.48	6.5	719	6.4	37,396	6.4
First-line supervisors/managers of transportation and material-moving machine and vehicle operators	26.52	5.3	1,111	5.9	57,747	5.9
Aircraft pilots and flight engineers	105.48	17.0	2,238	11.6	116,400	11.6
Airline pilots, copilots, and flight engineers	136.93	6.8	2,636	2.9	137,065	2.9
Bus drivers	12.01	7.1	477	7.2	24,752	7.2
Driver/sales workers and truck drivers	16.94	2.6	705	3.1	36,595	3.1
Driver/sales workers	15.03	10.0	608	10.8	31,421	10.8
Truck drivers, heavy and tractor-trailer	17.28	2.7	744	3.6	38,603	3.6
Truck drivers, light or delivery services	16.91	6.8	671	6.7	34,896	6.7
Parking lot attendants	8.40	6.9	336	6.9	17,475	6.9
Crane and tower operators	24.25	3.6	968	3.7	50,326	3.7
Dredge, excavating, and loading machine operators	16.72	5.7	669	5.7	34,692	5.7
Excavating and loading machine and dragline operators	16.57	6.5	663	6.5	34,353	6.5
Industrial truck and tractor operators	15.16	2.8	610	3.0	31,572	3.0
Laborers and material movers, hand	11.54	2.0	459	2.1	23,849	2.1

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
Transportation and material moving occupations –Continued						
Cleaners of vehicles and equipment	\$10.42	7.4%	\$415	7.8%	\$21,597	7.8%
Laborers and freight, stock, and material movers, hand	12.04	2.0	479	2.1	24,904	2.1
Machine feeders and offbearers	11.29	5.7	451	5.7	23,436	5.7
Packers and packagers, hand	10.45	3.5	415	3.6	21,521	3.6

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 The NCS uses the 2000 Standard Occupational Classification coding structure, which defines more than 800 unique occupations, to match jobs sampled by the survey. Military occupations are excluded from the survey.

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 chapter 8 of the BLS Handbook of Methods, at http://www.bls.gov/opub/hom/homch8_a.htm.

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

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

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

SOURCE: Bureau of Labor Statistics, National Compensation Survey.