

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	\$23.91	1.6%	\$949	1.6%	\$48,992	1.6%
Management occupations	46.37	4.1	1,884	3.9	97,645	3.9
Chief executives	107.19	34.5	4,794	35.2	249,272	35.2
General and operations managers	50.17	6.3	2,046	5.5	106,366	5.5
Marketing and sales managers	49.17	6.8	2,028	6.1	105,444	6.1
Marketing managers	49.74	3.8	2,020	4.0	105,055	4.0
Sales managers	48.65	15.3	2,035	14.5	105,813	14.5
Public relations managers	57.76	19.7	2,267	21.0	117,910	21.0
Administrative services managers	35.66	8.5	1,440	8.5	74,790	8.5
Computer and information systems managers	57.66	7.0	2,410	7.5	125,334	7.5
Financial managers	49.68	5.1	2,024	5.0	105,250	5.0
Human resources managers	47.75	12.8	1,900	11.7	98,826	11.7
Industrial production managers	46.99	4.0	1,884	3.9	97,992	3.9
Purchasing managers	51.85	2.9	2,126	3.9	110,577	3.9
Transportation, storage, and distribution managers	38.66	4.9	1,551	5.8	80,647	5.8
Construction managers	45.18	6.3	1,822	5.8	94,719	5.8
Education administrators	29.42	6.6	1,171	6.7	56,645	6.7
Education administrators, preschool and child care center/program	21.73	15.6	870	15.6	41,502	15.6
Education administrators, elementary and secondary school	41.92	16.4	1,678	16.4	86,963	16.4
Education administrators, postsecondary ..	35.33	9.0	1,410	9.0	72,439	9.0
Engineering managers	61.51	3.3	2,469	3.3	128,398	3.3
Food service managers	26.08	16.6	1,129	15.0	58,713	15.0
Lodging managers	36.57	27.0	1,534	23.7	79,787	23.7
Medical and health services managers	46.33	3.9	1,848	3.9	96,073	3.9
Property, real estate, and community association managers	23.91	16.0	958	15.4	49,801	15.4
Social and community service managers	25.91	5.5	1,043	6.1	54,116	6.1
Business and financial operations occupations	33.45	1.9	1,348	2.1	70,078	2.1
Buyers and purchasing agents	34.50	6.6	1,423	8.2	74,017	8.2
Wholesale and retail buyers, except farm products	31.31	11.1	1,257	11.1	65,376	11.1
Purchasing agents, except wholesale, retail, and farm products	36.20	9.6	1,518	11.9	78,938	11.9
Claims adjusters, appraisers, examiners, and investigators	26.37	7.3	1,038	7.3	53,991	7.3
Claims adjusters, examiners, and investigators	26.57	7.1	1,045	7.2	54,364	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
Business and financial operations occupations –Continued						
Compliance officers, except agriculture, construction, health and safety, and transportation	\$39.07	14.8%	\$1,587	15.8%	\$82,549	15.8%
Cost estimators	33.94	11.7	1,357	11.7	70,567	11.7
Human resources, training, and labor relations specialists	30.51	4.3	1,225	4.3	63,695	4.3
Employment, recruitment, and placement specialists	29.30	14.5	1,168	14.8	60,731	14.8
Compensation, benefits, and job analysis specialists	27.59	5.5	1,113	5.4	57,877	5.4
Training and development specialists	29.12	8.6	1,178	8.9	61,267	8.9
Logisticians	34.54	15.5	1,382	15.5	71,842	15.5
Management analysts	38.59	5.9	1,552	6.0	80,696	6.0
Meeting and convention planners	27.35	7.7	1,085	7.1	56,402	7.1
Accountants and auditors	31.16	3.9	1,246	3.9	64,791	3.9
Credit analysts	33.76	13.2	1,350	13.2	70,217	13.2
Financial analysts and advisors	36.54	4.9	1,463	4.8	76,076	4.8
Financial analysts	38.12	6.0	1,530	5.8	79,570	5.8
Personal financial advisors	31.52	21.4	1,261	21.4	65,569	21.4
Insurance underwriters	35.42	10.2	1,411	10.3	73,369	10.3
Loan counselors and officers	32.51	32.5	1,302	32.6	67,709	32.6
Loan officers	32.71	32.9	1,310	33.1	68,128	33.1
Computer and mathematical science occupations						
Computer programmers	44.22	8.0	1,753	8.3	91,133	8.3
Computer software engineers	47.53	2.7	1,971	2.7	102,506	2.7
Computer software engineers, applications	45.32	4.9	1,903	3.9	98,962	3.9
Computer software engineers, systems software	49.76	4.8	2,039	5.3	106,003	5.3
Computer support specialists	28.20	6.8	1,138	7.3	59,143	7.3
Computer systems analysts	38.89	3.3	1,582	3.7	82,272	3.7
Database administrators	41.18	9.9	1,629	9.7	84,727	9.7
Network and computer systems administrators	33.98	5.6	1,343	5.9	69,820	5.9
Network systems and data communications analysts	37.44	6.2	1,498	7.1	77,875	7.1
Architecture and engineering occupations						
Architects, except naval	34.01	3.6	1,394	3.7	72,473	3.7
Architects, except landscape and naval	34.42	4.4	1,413	4.8	73,466	4.8
Engineers	46.69	3.4	1,895	3.6	98,530	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
Architecture and engineering occupations						
–Continued						
Aerospace engineers	\$56.41	3.1%	\$2,257	3.1%	\$117,342	3.1%
Civil engineers	39.37	5.8	1,576	5.8	81,936	5.8
Computer hardware engineers	49.23	9.1	2,057	11.1	106,944	11.1
Electrical and electronics engineers	45.61	7.0	1,872	6.4	97,341	6.4
Electrical engineers	50.51	7.4	2,020	7.4	105,057	7.4
Electronics engineers, except computer	43.68	9.2	1,811	9.5	94,193	9.5
Environmental engineers	37.91	14.7	1,580	13.7	82,160	13.7
Industrial engineers, including health and safety	39.81	4.5	1,622	5.0	84,326	5.0
Industrial engineers	40.97	3.6	1,668	4.3	86,762	4.3
Mechanical engineers	45.21	5.5	1,872	6.8	97,359	6.8
Nuclear engineers	45.76	.4	1,830	.4	95,174	.4
Petroleum engineers	53.77	4.8	2,151	4.8	106,069	4.8
Drafters	27.87	7.1	1,115	7.1	57,974	7.1
Architectural and civil drafters	23.72	4.1	949	4.1	49,334	4.1
Engineering technicians, except drafters	28.00	4.2	1,120	4.2	57,209	4.2
Aerospace engineering and operations technicians	30.38	4.5	1,215	4.5	63,189	4.5
Electrical and electronic engineering technicians	26.10	2.5	1,044	2.5	54,303	2.5
Industrial engineering technicians	30.25	7.5	1,210	7.5	62,922	7.5
Surveying and mapping technicians	27.37	10.7	1,095	10.7	56,931	10.7
Life, physical, and social science occupations						
Life scientists	34.21	7.4	1,396	8.1	72,593	8.1
Biological scientists	37.38	12.0	1,498	12.2	77,918	12.2
Biological scientists	35.61	11.1	1,429	11.3	74,309	11.3
Biochemists and biophysicists	35.12	18.8	1,406	18.9	73,123	18.9
Medical scientists	39.56	30.3	1,582	30.3	82,277	30.3
Physical scientists	33.24	5.1	1,384	4.1	71,976	4.1
Chemists and materials scientists	29.63	6.3	1,193	5.7	62,017	5.7
Chemists	29.63	6.3	1,193	5.7	62,017	5.7
Environmental scientists and geoscientists	31.80	5.4	1,359	4.1	70,649	4.1
Environmental scientists and specialists, including health	34.11	8.7	1,376	9.0	71,557	9.0
Geoscientists, except hydrologists and geographers	28.78	4.0	1,332	5.7	69,290	5.7
Market and survey researchers	48.20	6.7	2,081	6.9	108,201	6.9
Market research analysts	48.20	6.7	2,081	6.9	108,201	6.9
Biological technicians	23.27	8.0	926	8.1	48,128	8.1
Miscellaneous life, physical, and social science technicians	25.21	18.4	1,007	18.5	52,339	18.5

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
Community and social services occupations	\$21.79	6.4%	\$857	6.4%	\$43,890	6.4%
Counselors	18.17	12.6	701	12.6	36,238	12.6
Rehabilitation counselors	12.51	10.3	475	11.6	24,705	11.6
Social workers	25.89	8.0	1,039	8.2	53,709	8.2
Child, family, and school social workers ..	19.37	7.5	775	7.5	39,389	7.5
Medical and public health social workers	28.93	7.4	1,154	7.5	60,008	7.5
Mental health and substance abuse social workers	30.56	25.9	1,249	24.5	64,963	24.5
Miscellaneous community and social service specialists	20.22	9.3	801	9.3	40,578	9.3
Social and human service assistants	16.73	6.9	665	7.0	33,233	7.0
Legal occupations	53.44	15.2	2,115	16.0	109,967	16.0
Lawyers	72.65	12.4	2,902	13.1	150,926	13.1
Paralegals and legal assistants	29.71	2.8	1,155	2.8	60,048	2.8
Miscellaneous legal support workers	28.52	14.2	1,141	14.2	59,328	14.2
Title examiners, abstractors, and searchers	29.05	16.2	1,162	16.2	60,431	16.2
Education, training, and library occupations	27.74	10.3	1,085	10.2	49,965	10.2
Postsecondary teachers	50.34	9.8	1,970	9.5	91,030	9.5
Social sciences teachers, postsecondary	52.69	4.3	2,055	4.4	78,276	4.4
Health teachers, postsecondary	59.59	23.5	2,384	23.5	123,050	23.5
Miscellaneous postsecondary teachers	40.85	18.8	1,616	18.6	81,724	18.6
Primary, secondary, and special education school teachers	19.98	14.6	781	14.4	34,652	14.4
Preschool and kindergarten teachers	12.78	6.1	505	6.4	24,682	6.4
Preschool teachers, except special education	12.66	6.0	500	6.3	24,519	6.3
Elementary and middle school teachers	30.27	6.3	1,158	6.1	44,050	6.1
Elementary school teachers, except special education	28.36	8.7	1,078	8.2	41,503	8.2
Middle school teachers, except special and vocational education	33.81	3.4	1,306	1.6	48,673	1.6
Secondary school teachers	33.57	7.0	1,335	7.1	54,013	7.1
Secondary school teachers, except special and vocational education	33.57	7.0	1,335	7.1	54,013	7.1
Special education teachers	23.51	18.7	879	21.2	37,060	21.2
Librarians	37.65	4.7	1,457	3.5	75,750	3.5
Teacher assistants	11.90	4.3	465	3.7	22,942	3.7
Arts, design, entertainment, sports, and media occupations	29.95	12.3	1,192	11.6	61,829	11.6
Designers	26.77	10.2	1,059	9.5	55,094	9.5
Graphic designers	23.82	9.1	949	9.2	49,347	9.2

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
Arts, design, entertainment, sports, and media occupations –Continued						
Interior designers	\$30.04	4.3%	\$1,151	2.1%	\$59,866	2.1%
Actors, producers, and directors	42.32	8.7	1,693	8.7	88,023	8.7
Producers and directors	42.32	8.7	1,693	8.7	88,023	8.7
News analysts, reporters and correspondents	23.40	8.4	930	8.5	48,364	8.5
Reporters and correspondents	23.40	8.4	930	8.5	48,364	8.5
Public relations specialists	26.55	9.9	1,044	11.2	54,303	11.2
Writers and editors	32.54	7.5	1,260	7.5	63,564	7.5
Technical writers	38.69	4.1	1,518	4.5	78,919	4.5
Broadcast and sound engineering technicians and radio operators	31.33	11.7	1,317	14.1	68,462	14.1
Broadcast technicians	22.32	7.3	893	7.3	46,425	7.3
Healthcare practitioner and technical occupations						
Dietitians and nutritionists	35.72	4.7	1,400	4.7	72,771	4.7
Pharmacists	28.98	9.8	1,133	10.6	58,927	10.6
Physicians and surgeons	53.66	1.5	2,139	1.4	111,211	1.4
Physician assistants	100.96	24.0	4,081	23.7	212,192	23.7
Registered nurses	48.10	14.7	1,891	14.7	98,341	14.7
Therapists	37.76	2.7	1,465	2.7	76,181	2.7
Occupational therapists	39.75	6.4	1,577	6.5	81,808	6.5
Physical therapists	42.25	10.0	1,690	10.0	87,873	10.0
Respiratory therapists	41.11	11.3	1,634	11.4	84,946	11.4
Clinical laboratory technologists and technicians	28.68	1.9	1,118	2.8	58,147	2.8
Medical and clinical laboratory technologists	24.00	8.3	956	8.2	49,715	8.2
Medical and clinical laboratory technicians	33.10	5.5	1,316	5.7	68,432	5.7
Dental hygienists	19.07	5.4	760	5.3	39,545	5.3
Diagnostic related technologists and technicians	37.61	9.5	1,292	8.0	67,181	8.0
Cardiovascular technologists and technicians	29.92	5.9	1,191	5.9	61,913	5.9
Radiologic technologists and technicians ..	35.45	8.4	1,418	8.4	73,734	8.4
Health diagnosing and treating practitioner support technicians	28.33	7.0	1,127	7.0	58,600	7.0
Pharmacy technicians	19.70	3.2	772	3.4	40,138	3.4
Surgical technologists	17.91	4.1	698	4.8	36,292	4.8
Licensed practical and licensed vocational nurses	21.74	6.0	855	5.6	44,463	5.6
	22.44	2.4	875	3.0	45,510	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
Healthcare practitioner and technical occupations –Continued						
Medical records and health information technicians	\$14.95	3.9%	\$598	3.9%	\$31,106	3.9%
Miscellaneous health technologists and technicians	20.53	12.4	808	12.7	42,011	12.7
Occupational health and safety specialists and technicians	25.51	9.1	1,020	9.1	53,051	9.1
Occupational health and safety specialists	26.81	10.7	1,072	10.7	55,755	10.7
Healthcare support occupations	14.60	3.1	566	3.1	29,416	3.1
Nursing, psychiatric, and home health aides	12.05	3.4	470	3.6	24,438	3.6
Home health aides	10.86	9.4	409	9.0	21,291	9.0
Nursing aides, orderlies, and attendants	12.11	3.0	473	3.3	24,581	3.3
Psychiatric aides	12.92	8.5	517	8.5	26,878	8.5
Miscellaneous healthcare support occupations	16.29	2.8	629	2.3	32,641	2.3
Dental assistants	18.64	4.5	683	4.6	35,522	4.6
Medical assistants	15.35	3.7	604	3.2	31,363	3.2
Protective service occupations	13.33	5.9	525	6.2	27,290	6.2
Security guards and gaming surveillance officers	12.70	6.6	499	6.8	25,973	6.8
Security guards	12.70	6.6	499	6.8	25,973	6.8
Miscellaneous protective service workers	12.42	6.7	472	8.4	24,538	8.4
Food preparation and serving related occupations	11.30	1.5	435	1.7	22,495	1.7
First-line supervisors/managers, food preparation and serving workers	17.95	4.5	726	4.7	37,517	4.7
Chefs and head cooks	21.46	7.5	876	7.8	44,688	7.8
First-line supervisors/managers of food preparation and serving workers	17.21	4.8	695	5.1	35,991	5.1
Cooks	12.15	1.7	473	1.9	24,583	1.9
Cooks, fast food	9.95	5.5	386	6.0	20,064	6.0
Cooks, institution and cafeteria	14.69	5.8	587	5.8	30,325	5.8
Cooks, restaurant	12.21	2.4	474	2.9	24,635	2.9
Cooks, short order	11.46	8.7	447	8.5	23,233	8.5
Food preparation workers	10.52	7.7	415	7.7	21,562	7.7
Food service, tipped	8.50	2.1	315	2.5	16,061	2.5
Bartenders	9.06	4.4	332	5.8	17,267	5.8
Waiters and waitresses	8.34	2.9	308	3.6	15,702	3.6
Dining room and cafeteria attendants and bartender helpers	8.48	1.4	321	3.2	16,073	3.2

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
Food preparation and serving related occupations –Continued						
Fast food and counter workers	\$9.49	1.5%	\$368	1.8%	\$19,145	1.8%
Combined food preparation and serving workers, including fast food	9.40	1.9	368	2.1	19,122	2.1
Counter attendants, cafeteria, food concession, and coffee shop	9.98	6.2	371	8.5	19,269	8.5
Food servers, nonrestaurant	10.68	6.2	422	6.1	21,964	6.1
Dishwashers	10.16	4.5	390	5.2	20,287	5.2
Hosts and hostesses, restaurant, lounge, and coffee shop	11.04	9.0	353	12.9	18,371	12.9
Building and grounds cleaning and maintenance occupations						
First-line supervisors/managers, building and grounds cleaning and maintenance workers	12.76	2.2	501	2.6	26,019	2.6
First-line supervisors/managers of housekeeping and janitorial workers ...	17.32	9.0	702	7.6	36,515	7.6
Building cleaning workers	17.10	9.6	694	8.2	36,108	8.2
Janitors and cleaners, except maids and housekeeping cleaners	12.07	4.6	474	5.0	24,584	5.0
Maids and housekeeping cleaners	12.93	5.7	512	5.9	26,612	5.9
Grounds maintenance workers	10.34	2.8	399	2.6	20,605	2.6
Landscaping and groundskeeping workers	13.05	5.4	508	5.2	26,381	5.2
Landscaping and groundskeeping workers	12.80	6.1	503	5.6	26,122	5.6
Personal care and service occupations						
First-line supervisors/managers of personal service workers	13.14	5.7	483	5.1	23,989	5.1
Gaming services workers	16.21	9.6	652	8.6	33,184	8.6
Miscellaneous entertainment attendants and related workers	8.87	3.9	322	3.3	16,755	3.3
Amusement and recreation attendants	10.70	5.6	425	6.6	17,353	6.6
Barbers and cosmetologists	10.71	7.2	433	7.9	16,336	7.9
Hairdressers, hairstylists, and cosmetologists	12.46	7.3	431	9.6	22,393	9.6
Baggage porters, bellhops, and concierges	12.46	7.3	431	9.6	22,393	9.6
Baggage porters and bellhops	11.47	8.9	455	8.9	23,646	8.9
Concierges	9.95	11.2	398	11.2	20,698	11.2
Tour and travel guides	12.45	12.6	491	12.6	25,509	12.6
Tour guides and escorts	13.74	14.6	405	23.8	9,568	23.8
Child care workers	13.74	14.6	405	23.8	9,568	23.8
Personal and home care aides	10.38	3.1	407	2.7	20,035	2.7
Recreation and fitness workers	10.80	2.6	421	2.1	21,874	2.1
Recreation and fitness workers	19.37	7.6	756	7.7	39,293	7.7

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
Personal care and service occupations						
–Continued						
Fitness trainers and aerobics instructors	\$21.56	4.7%	\$841	3.6%	\$43,734	3.6%
Sales and related occupations	22.21	2.4	883	2.3	45,787	2.3
First-line supervisors/managers, sales workers	23.54	7.6	972	8.4	50,556	8.4
First-line supervisors/managers of retail sales workers	21.55	8.7	895	10.0	46,532	10.0
First-line supervisors/managers of non-retail sales workers	30.73	7.9	1,245	7.6	64,755	7.6
Retail sales workers	14.85	5.4	584	5.6	30,198	5.6
Cashiers, all workers	11.70	3.6	461	3.4	23,853	3.4
Cashiers	11.71	3.6	461	3.4	23,859	3.4
Counter and rental clerks and parts salespersons	15.64	4.9	622	5.0	32,364	5.0
Counter and rental clerks	14.12	8.6	565	8.6	29,376	8.6
Parts salespersons	16.27	5.1	646	5.3	33,603	5.3
Retail salespersons	16.55	6.9	648	7.4	33,488	7.4
Advertising sales agents	25.53	14.2	1,004	13.6	52,198	13.6
Insurance sales agents	42.88	21.6	1,716	21.9	89,208	21.9
Securities, commodities, and financial services sales agents	59.03	24.5	2,361	24.5	122,773	24.5
Sales representatives, wholesale and manufacturing	31.14	7.2	1,262	7.3	65,611	7.3
Sales representatives, wholesale and manufacturing, technical and scientific products	39.38	6.8	1,591	6.7	82,735	6.7
Sales representatives, wholesale and manufacturing, except technical and scientific products	27.82	7.6	1,128	8.0	58,679	8.0
Models, demonstrators, and product promoters	18.23	12.3	724	12.1	37,652	12.1
Demonstrators and product promoters	18.23	12.3	724	12.1	37,652	12.1
Real estate brokers and sales agents	48.00	26.0	1,920	26.0	99,836	26.0
Real estate sales agents	48.00	26.0	1,920	26.0	99,836	26.0
Sales engineers	35.32	26.3	1,413	26.3	73,474	26.3
Miscellaneous sales and related workers	25.09	21.8	967	22.7	50,270	22.7
Office and administrative support occupations	17.88	1.5	711	1.5	36,930	1.5
First-line supervisors/managers of office and administrative support workers	25.06	2.8	1,008	3.1	52,388	3.1

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
Office and administrative support occupations –Continued						
Switchboard operators, including answering service	\$14.18	8.4%	\$567	8.4%	\$29,495	8.4%
Financial clerks	17.37	1.3	692	1.2	35,984	1.2
Bill and account collectors	19.76	6.9	790	6.9	41,100	6.9
Billing and posting clerks and machine operators	17.32	3.0	687	3.0	35,738	3.0
Bookkeeping, accounting, and auditing clerks	17.93	2.0	717	2.0	37,264	2.0
Payroll and timekeeping clerks	17.55	3.5	702	3.5	36,505	3.5
Procurement clerks	15.92	8.4	605	5.8	31,470	5.8
Tellers	13.95	2.0	553	2.3	28,759	2.3
Brokerage clerks	19.61	4.0	785	4.0	40,795	4.0
Credit authorizers, checkers, and clerks	19.67	12.0	787	12.0	40,921	12.0
Customer service representatives	17.86	5.0	713	5.0	37,080	5.0
Eligibility interviewers, government programs	18.12	4.6	718	4.5	37,321	4.5
File clerks	15.79	3.2	621	3.5	32,268	3.5
Hotel, motel, and resort desk clerks	10.53	4.4	412	5.1	21,439	5.1
Interviewers, except eligibility and loan	16.37	7.7	650	7.7	33,777	7.7
Loan interviewers and clerks	17.24	5.9	687	5.9	35,700	5.9
Order clerks	17.46	4.2	697	4.1	35,922	4.1
Human resources assistants, except payroll and timekeeping	19.80	2.7	786	2.6	40,879	2.6
Receptionists and information clerks	14.70	3.0	583	2.8	30,277	2.8
Reservation and transportation ticket agents and travel clerks	16.32	9.7	653	9.7	33,940	9.7
Couriers and messengers	13.11	5.3	524	5.3	27,263	5.3
Dispatchers	19.97	11.1	794	11.1	41,301	11.1
Dispatchers, except police, fire, and ambulance	20.00	11.2	795	11.2	41,356	11.2
Meter readers, utilities	24.57	9.5	983	9.5	51,102	9.5
Production, planning, and expediting clerks	24.16	3.3	966	3.3	50,253	3.3
Shipping, receiving, and traffic clerks	14.59	2.4	583	2.3	30,329	2.3
Stock clerks and order fillers	14.61	1.6	581	1.8	30,206	1.8
Weighers, measurers, checkers, and samplers, recordkeeping	15.87	13.2	635	13.2	33,015	13.2
Secretaries and administrative assistants	21.96	2.6	867	2.6	45,014	2.6
Executive secretaries and administrative assistants	24.37	2.0	970	2.3	50,464	2.3
Legal secretaries	26.31	8.5	1,012	7.7	52,615	7.7
Medical secretaries	17.85	6.8	684	6.7	35,447	6.7

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						
Secretaries, except legal, medical, and executive	\$17.43	3.6%	\$697	3.6%	\$36,085	3.6%
Data entry and information processing workers	15.02	9.0	596	8.7	31,003	8.7
Data entry keyers	13.78	2.0	546	1.4	28,402	1.4
Word processors and typists	17.93	18.7	714	18.5	37,124	18.5
Insurance claims and policy processing clerks	18.38	4.5	728	4.8	37,837	4.8
Mail clerks and mail machine operators, except postal service	11.51	13.8	454	13.4	23,629	13.4
Office clerks, general	15.99	3.2	634	3.0	32,931	3.0
Office machine operators, except computer ..	15.14	15.1	603	15.0	31,373	15.0
Farming, fishing, and forestry occupations ..	14.18	25.5	559	25.6	22,138	25.6
Construction and extraction occupations	24.09	3.4	956	3.3	48,735	3.3
First-line supervisors/managers of construction trades and extraction workers	34.27	3.5	1,374	3.7	69,886	3.7
Carpenters	24.06	4.9	957	4.9	48,743	4.9
Cement masons, concrete finishers, and terrazzo workers	26.01	6.3	1,041	6.3	50,385	6.3
Cement masons and concrete finishers	26.01	6.3	1,041	6.3	50,385	6.3
Construction laborers	19.38	4.6	752	4.3	37,344	4.3
Construction equipment operators	23.71	7.4	943	7.3	45,689	7.3
Operating engineers and other construction equipment operators	25.66	10.6	1,026	10.6	50,681	10.6
Drywall installers, ceiling tile installers, and tapers	22.40	13.2	885	12.1	45,712	12.1
Drywall and ceiling tile installers	24.07	13.3	946	12.1	48,737	12.1
Tapers	20.69	11.0	821	10.2	42,559	10.2
Electricians	28.94	5.6	1,157	5.6	60,161	5.6
Painters and paperhangers	18.52	4.7	720	6.9	37,425	6.9
Painters, construction and maintenance	18.36	5.1	712	7.4	37,031	7.4
Pipelayers, plumbers, pipefitters, and steamfitters	29.10	2.3	1,164	2.3	60,519	2.3
Plumbers, pipefitters, and steamfitters	28.92	2.4	1,157	2.4	60,152	2.4
Roofers	20.02	16.6	799	16.6	39,505	16.6
Sheet metal workers	36.07	16.8	1,443	16.8	75,035	16.8
Structural iron and steel workers	27.84	7.6	1,113	7.6	57,285	7.6
Helpers, construction trades	16.52	3.7	661	3.7	34,181	3.7
Helpers--carpenters	15.54	2.2	622	2.2	32,083	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
Construction and extraction occupations						
–Continued						
Miscellaneous construction and related workers	\$15.69	11.3%	\$628	11.3%	\$31,998	11.3%
Installation, maintenance, and repair occupations	23.58	3.7	944	3.7	48,943	3.7
First-line supervisors/managers of mechanics, installers, and repairers	29.55	6.5	1,185	6.6	61,646	6.6
Computer, automated teller, and office machine repairers	17.29	26.4	691	26.4	35,935	26.4
Radio and telecommunications equipment installers and repairers	28.01	6.1	1,120	6.1	58,260	6.1
Telecommunications equipment installers and repairers, except line installers	28.01	6.1	1,120	6.1	58,260	6.1
Miscellaneous electrical and electronic equipment mechanics, installers, and repairers	24.80	6.5	992	6.5	51,527	6.5
Electrical and electronics repairers, commercial and industrial equipment	27.77	9.1	1,111	9.1	57,595	9.1
Aircraft mechanics and service technicians ..	29.60	5.3	1,184	5.3	61,573	5.3
Automotive technicians and repairers	20.58	5.8	819	5.8	42,583	5.8
Automotive body and related repairers	17.56	6.1	703	6.1	36,532	6.1
Automotive service technicians and mechanics	20.99	7.4	835	7.3	43,398	7.3
Bus and truck mechanics and diesel engine specialists	24.20	6.0	965	6.2	50,159	6.2
Heavy vehicle and mobile equipment service technicians and mechanics	22.08	6.5	883	6.5	45,931	6.5
Mobile heavy equipment mechanics, except engines	23.10	5.8	924	5.8	48,046	5.8
Small engine mechanics	19.30	14.4	772	14.4	40,137	14.4
Miscellaneous vehicle and mobile equipment mechanic, installers, and repairers	12.46	5.9	498	5.9	25,915	5.9
Tire repairers and changers	12.43	6.0	497	6.0	25,846	6.0
Heating, air conditioning, and refrigeration mechanics and installers	35.78	21.5	1,489	20.2	76,791	20.2
Industrial machinery installation, repair, and maintenance workers	22.82	3.8	911	3.9	46,852	3.9
Industrial machinery mechanics	24.91	3.6	995	3.6	51,743	3.6
Maintenance and repair workers, general ..	21.71	5.6	864	5.5	43,430	5.5
Maintenance workers, machinery	20.91	13.1	836	13.1	43,487	13.1
Line installers and repairers	29.06	3.6	1,163	3.6	60,453	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
Installation, maintenance, and repair occupations –Continued						
Electrical power-line installers and repairers	\$36.79	7.0%	\$1,472	7.0%	\$76,523	7.0%
Precision instrument and equipment repairers	26.76	6.7	1,070	6.7	55,652	6.7
Miscellaneous installation, maintenance, and repair workers	15.61	6.6	625	6.6	32,359	6.6
Helpers--installation, maintenance, and repair workers	11.97	7.6	479	7.6	24,731	7.6
Production occupations	16.58	1.9	658	2.1	34,054	2.1
First-line supervisors/managers of production and operating workers	26.45	5.4	1,078	6.0	56,077	6.0
Electrical, electronics, and electromechanical assemblers	13.82	6.8	549	7.2	28,570	7.2
Electrical and electronic equipment assemblers	13.77	7.2	546	7.8	28,386	7.8
Electromechanical equipment assemblers	13.60	14.7	544	14.7	28,280	14.7
Miscellaneous assemblers and fabricators	13.99	3.5	554	3.5	28,833	3.5
Team assemblers	10.50	6.7	420	6.7	21,837	6.7
Bakers	11.79	3.7	449	4.3	23,371	4.3
Butchers and other meat, poultry, and fish processing workers	16.75	9.1	667	9.1	34,677	9.1
Butchers and meat cutters	17.28	10.0	687	10.0	35,742	10.0
Miscellaneous food processing workers	12.30	6.9	491	6.9	25,465	6.9
Food batchmakers	12.87	8.8	514	8.8	26,511	8.8
Food cooking machine operators and tenders	9.46	4.3	378	4.3	19,679	4.3
Computer control programmers and operators	20.29	12.9	812	12.9	42,200	12.9
Computer-controlled machine tool operators, metal and plastic	19.94	14.4	798	14.4	41,471	14.4
Forming machine setters, operators, and tenders, metal and plastic	16.12	10.6	645	10.6	33,533	10.6
Machine tool cutting setters, operators, and tenders, metal and plastic	15.16	9.7	606	9.7	31,526	9.7
Cutting, punching, and press machine setters, operators, and tenders, metal and plastic	17.25	9.2	690	9.2	35,876	9.2
Grinding, lapping, polishing, and buffing machine tool setters, operators, and tenders, metal and plastic	12.08	7.7	483	7.7	25,130	7.7

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						
Lathe and turning machine tool setters, operators, and tenders, metal and plastic	\$13.67	11.1%	\$547	11.1%	\$28,436	11.1%
Machinists	24.53	3.4	981	3.4	51,017	3.4
Molders and molding machine setters, operators, and tenders, metal and plastic	14.61	13.5	547	18.5	28,432	18.5
Molding, coremaking, and casting machine setters, operators, and tenders, metal and plastic	14.05	19.0	513	25.1	26,670	25.1
Multiple machine tool setters, operators, and tenders, metal and plastic	13.80	3.9	552	3.9	28,708	3.9
Tool and die makers	24.40	5.9	976	5.9	50,742	5.9
Welding, soldering, and brazing workers	19.76	4.6	790	4.6	41,099	4.6
Welders, cutters, solderers, and brazers	20.17	5.1	807	5.1	41,957	5.1
Welding, soldering, and brazing machine setters, operators, and tenders	17.91	15.0	717	15.0	37,260	15.0
Miscellaneous metalworkers and plastic workers	16.07	6.6	643	6.6	33,416	6.6
Plating and coating machine setters, operators, and tenders, metal and plastic	18.37	15.4	735	15.4	38,207	15.4
Printers	18.99	6.6	757	6.8	39,371	6.8
Job printers	18.25	14.2	721	13.6	37,498	13.6
Prepress technicians and workers	25.09	8.5	1,004	8.5	52,191	8.5
Printing machine operators	16.59	4.3	663	4.3	34,434	4.3
Laundry and dry-cleaning workers	9.61	5.8	379	5.7	19,730	5.7
Sewing machine operators	8.68	6.7	336	7.5	17,491	7.5
Tailors, dressmakers, and sewers	13.74	19.7	545	19.6	28,354	19.6
Tailors, dressmakers, and custom sewers ..	13.74	19.7	545	19.6	28,354	19.6
Textile machine setters, operators, and tenders	10.47	5.9	419	5.9	21,786	5.9
Textile cutting machine setters, operators, and tenders	10.47	5.9	419	5.9	21,786	5.9
Miscellaneous textile, apparel, and furnishings workers	15.20	29.6	608	29.6	31,622	29.6
Cabinetmakers and bench carpenters	13.96	3.5	559	3.5	29,045	3.5
Woodworking machine setters, operators, and tenders	12.07	7.4	483	7.4	25,048	7.4
Sawing machine setters, operators, and tenders, wood	12.77	7.4	511	7.4	26,456	7.4
Woodworking machine setters, operators, and tenders, except sawing	11.04	10.0	442	10.0	22,971	10.0
Stationary engineers and boiler operators	31.63	4.4	1,215	3.3	63,185	3.3

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 plant and system operators	\$30.82	2.7%	\$1,027	16.7%	\$53,399	16.7%
Petroleum pump system operators, refinery operators, and gaugers	31.33	3.6	1,241	4.1	64,517	4.1
Chemical processing machine setters, operators, and tenders	18.43	10.1	715	9.5	37,188	9.5
Separating, filtering, clarifying, precipitating, and still machine setters, operators, and tenders	19.19	12.7	761	12.0	39,559	12.0
Crushing, grinding, polishing, mixing, and blending workers	15.96	10.3	638	10.3	31,533	10.3
Grinding and polishing workers, hand	12.88	7.1	515	7.1	26,782	7.1
Mixing and blending machine setters, operators, and tenders	16.06	12.6	642	12.6	30,698	12.6
Cutting workers	13.23	11.9	502	7.5	24,556	7.5
Cutting and slicing machine setters, operators, and tenders	13.35	12.7	505	7.8	25,433	7.8
Extruding, forming, pressing, and compacting machine setters, operators, and tenders	16.54	17.0	662	17.0	34,412	17.0
Inspectors, testers, sorters, samplers, and weighers	16.59	2.9	652	3.6	33,310	3.6
Packaging and filling machine operators and tenders	13.58	9.8	540	9.4	27,726	9.4
Painting workers	14.28	17.0	570	17.0	29,647	17.0
Coating, painting, and spraying machine setters, operators, and tenders	12.64	11.5	503	11.7	26,176	11.7
Painters, transportation equipment	21.18	8.8	847	8.8	44,057	8.8
Photographic process workers and processing machine operators	22.02	8.5	834	7.2	43,381	7.2
Semiconductor processors	16.12	11.4	645	11.4	33,537	11.4
Miscellaneous production workers	14.29	8.5	567	8.3	29,363	8.3
Helpers--production workers	10.13	4.1	405	4.2	21,061	4.2
Transportation and material moving occupations	16.41	3.0	649	3.1	33,310	3.1
First-line supervisors/managers of helpers, laborers, and material movers, hand	21.32	9.5	853	9.5	44,341	9.5
First-line supervisors/managers of transportation and material-moving machine and vehicle operators	28.39	7.1	1,135	7.0	59,000	7.0
Aircraft pilots and flight engineers	105.84	15.7	2,316	10.8	120,441	10.8
Airline pilots, copilots, and flight engineers	107.36	15.5	2,332	10.7	121,255	10.7

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
Transportation and material moving occupations –Continued						
Bus drivers	\$15.47	3.6%	\$604	3.4%	\$30,363	3.4%
Bus drivers, transit and intercity	15.57	3.6	607	3.5	31,249	3.5
Driver/sales workers and truck drivers	18.97	2.7	763	3.4	39,410	3.4
Driver/sales workers	18.36	15.2	734	15.2	38,188	15.2
Truck drivers, heavy and tractor-trailer	20.48	2.4	827	3.6	42,651	3.6
Truck drivers, light or delivery services	16.09	5.7	643	5.8	33,292	5.8
Taxi drivers and chauffeurs	10.85	14.2	423	14.9	22,011	14.9
Parking lot attendants	9.37	8.8	375	8.8	19,493	8.8
Service station attendants	8.45	3.0	335	2.7	17,421	2.7
Crane and tower operators	34.49	3.1	1,372	3.5	71,355	3.5
Dredge, excavating, and loading machine operators	23.95	8.2	958	8.2	49,824	8.2
Excavating and loading machine and dragline operators	23.02	9.0	921	9.0	47,878	9.0
Industrial truck and tractor operators	15.25	3.2	609	3.2	31,336	3.2
Laborers and material movers, hand	12.29	2.0	485	1.9	24,596	1.9
Cleaners of vehicles and equipment	11.69	2.3	453	3.5	23,427	3.5
Laborers and freight, stock, and material movers, hand	13.28	1.9	527	2.0	26,714	2.0
Machine feeders and offbearers	10.33	10.7	411	10.4	21,366	10.4
Packers and packagers, hand	10.12	4.7	400	4.4	19,856	4.4

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.