

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	\$19.51	1.4%	\$779	1.6%	\$40,362	1.6%
Management occupations	45.51	3.6	1,875	3.2	97,371	3.2
Chief executives	106.07	37.9	4,409	38.3	229,255	38.3
General and operations managers	54.71	9.9	2,343	9.9	121,829	9.9
Advertising and promotions managers	46.86	16.3	1,938	15.6	100,764	15.6
Marketing and sales managers	50.56	8.6	2,083	8.3	108,334	8.3
Marketing managers	51.82	6.7	2,071	6.7	107,703	6.7
Sales managers	49.03	15.8	2,099	15.5	109,159	15.5
Administrative services managers	31.76	13.2	1,326	13.2	68,964	13.2
Computer and information systems managers	58.80	10.5	2,352	10.5	122,295	10.5
Financial managers	56.09	4.8	2,267	4.6	117,894	4.6
Human resources managers	41.49	8.6	1,666	8.5	86,656	8.5
Compensation and benefits managers	34.34	6.2	1,375	6.2	71,478	6.2
Industrial production managers	39.89	5.8	1,661	4.9	86,350	4.9
Purchasing managers	42.66	15.2	1,706	15.2	88,737	15.2
Transportation, storage, and distribution managers	33.78	10.1	1,365	9.7	70,958	9.7
Construction managers	33.95	4.7	1,416	4.6	72,635	4.6
Education administrators	26.80	19.2	1,047	18.0	53,713	18.0
Education administrators, preschool and child care center/program	16.25	10.9	650	10.9	33,794	10.9
Education administrators, postsecondary ..	35.46	7.4	1,294	9.0	64,842	9.0
Engineering managers	58.18	8.1	2,355	7.9	122,474	7.9
Food service managers	23.50	5.9	1,048	5.4	54,473	5.4
Medical and health services managers	31.31	8.8	1,314	10.2	68,340	10.2
Property, real estate, and community association managers	21.89	11.1	876	11.1	45,565	11.1
Business and financial operations occupations	30.17	1.8	1,214	1.8	63,131	1.8
Buyers and purchasing agents	27.69	5.5	1,133	5.2	58,908	5.2
Wholesale and retail buyers, except farm products	30.47	11.2	1,219	11.2	63,385	11.2
Purchasing agents, except wholesale, retail, and farm products	26.50	5.3	1,065	5.0	55,398	5.0
Claims adjusters, appraisers, examiners, and investigators	26.81	4.2	1,058	4.8	54,995	4.8
Claims adjusters, examiners, and investigators	25.10	2.8	989	3.0	51,425	3.0
Compliance officers, except agriculture, construction, health and safety, and transportation	32.97	20.9	1,319	20.9	68,585	20.9
Cost estimators	31.39	4.5	1,274	4.8	66,249	4.8

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
Business and financial operations occupations –Continued						
Human resources, training, and labor relations specialists	\$26.66	7.0%	\$1,066	5.6%	\$55,434	5.6%
Employment, recruitment, and placement specialists	24.89	7.2	950	8.8	49,401	8.8
Compensation, benefits, and job analysis specialists	20.78	5.3	875	6.6	45,497	6.6
Training and development specialists	32.74	23.2	1,304	23.2	67,786	23.2
Logisticians	35.39	7.9	1,416	7.9	73,616	7.9
Management analysts	35.30	10.8	1,426	11.2	74,133	11.2
Accountants and auditors	29.88	3.2	1,203	3.1	62,563	3.1
Credit analysts	24.37	8.0	975	8.0	50,685	8.0
Financial analysts and advisors	30.97	10.9	1,239	10.9	64,424	10.9
Financial analysts	34.11	18.8	1,364	18.8	70,949	18.8
Personal financial advisors	24.02	9.4	961	9.4	49,965	9.4
Loan counselors and officers	30.04	9.6	1,199	9.4	62,372	9.4
Loan officers	30.04	9.6	1,199	9.4	62,372	9.4
Computer and mathematical science occupations						
Computer programmers	35.43	10.7	1,425	10.8	74,087	10.8
Computer software engineers	41.38	5.7	1,658	5.6	86,226	5.6
Computer software engineers, applications	39.26	8.6	1,576	8.6	81,975	8.6
Computer software engineers, systems software	43.35	4.7	1,734	4.7	90,160	4.7
Computer support specialists	26.04	11.1	1,043	11.1	54,246	11.1
Computer systems analysts	43.51	7.8	1,744	7.8	90,701	7.8
Database administrators	32.46	20.5	1,298	20.5	67,514	20.5
Network and computer systems administrators	26.25	8.3	1,064	8.9	55,304	8.9
Network systems and data communications analysts	33.51	4.1	1,340	4.1	69,705	4.1
Architecture and engineering occupations						
Architects, except naval	27.08	10.4	1,126	10.3	58,526	10.3
Architects, except landscape and naval	28.00	15.0	1,120	15.0	58,234	15.0
Engineers	41.72	2.1	1,686	2.1	87,650	2.1
Aerospace engineers	37.08	11.6	1,483	11.6	77,117	11.6
Chemical engineers	53.13	6.5	2,125	6.5	110,508	6.5
Civil engineers	34.71	10.0	1,464	9.8	76,106	9.8
Computer hardware engineers	45.45	7.2	1,852	6.2	96,296	6.2
Electrical and electronics engineers	41.06	6.5	1,665	5.6	86,566	5.6
Electrical engineers	45.31	14.2	1,865	13.3	96,980	13.3

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
Architecture and engineering occupations						
–Continued						
Electronics engineers, except computer	\$37.19	5.8%	\$1,487	5.8%	\$77,348	5.8%
Industrial engineers, including health and safety	39.42	7.4	1,577	7.4	81,989	7.4
Industrial engineers	39.04	8.4	1,562	8.4	81,209	8.4
Mechanical engineers	33.45	5.3	1,338	5.3	69,574	5.3
Petroleum engineers	56.44	18.2	2,258	18.2	117,392	18.2
Drafters	27.80	7.6	1,113	7.6	57,707	7.6
Architectural and civil drafters	24.90	13.9	996	13.9	51,783	13.9
Mechanical drafters	23.03	7.0	921	7.0	47,908	7.0
Engineering technicians, except drafters	22.44	16.9	897	16.9	46,668	16.9
Electrical and electronic engineering technicians	24.39	5.2	976	5.2	50,741	5.2
Mechanical engineering technicians	24.31	4.9	972	4.9	50,570	4.9
Surveying and mapping technicians	24.25	42.8	970	42.8	50,445	42.8
Life, physical, and social science occupations	38.96	8.2	1,569	7.9	81,596	7.9
Physical scientists	55.29	8.6	2,258	6.8	117,392	6.8
Environmental scientists and geoscientists	58.07	11.9	2,379	9.4	123,699	9.4
Geoscientists, except hydrologists and geographers	59.48	6.3	2,451	4.4	127,448	4.4
Market and survey researchers	37.29	7.3	1,492	7.3	77,561	7.3
Market research analysts	37.29	7.3	1,492	7.3	77,561	7.3
Chemical technicians	25.20	12.0	1,028	13.3	53,432	13.3
Community and social services occupations	15.44	8.7	617	8.7	32,056	8.7
Educational, vocational, and school counselors	20.61	11.0	818	10.6	41,636	10.6
Social workers	19.97	8.1	804	8.1	41,805	8.1
Child, family, and school social workers ..	15.65	8.9	626	8.9	32,543	8.9
Medical and public health social workers	22.34	5.0	894	5.0	46,467	5.0
Miscellaneous community and social service specialists	11.60	5.9	461	6.1	23,979	6.1
Social and human service assistants	11.25	8.0	447	8.1	23,236	8.1
Legal occupations	29.22	24.6	1,196	26.1	62,207	26.1
Lawyers	58.66	13.7	2,517	15.1	130,887	15.1
Miscellaneous legal support workers	20.36	6.5	840	6.7	43,685	6.7
Title examiners, abstractors, and searchers	21.18	6.5	885	5.7	45,998	5.7
Education, training, and library occupations	28.82	18.9	1,139	19.0	51,129	19.0
Postsecondary teachers	51.19	22.4	2,013	22.5	90,008	22.5
Health teachers, postsecondary	75.66	34.0	2,967	34.1	142,137	34.1

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
Education, training, and library occupations						
–Continued						
Arts, communications, and humanities teachers, postsecondary	\$35.96	2.6%	\$1,358	3.4%	\$51,935	3.4%
Art, drama, and music teachers, postsecondary	38.78	6.3	1,555	8.0	57,977	8.0
Miscellaneous postsecondary teachers	34.44	14.2	1,366	13.7	64,381	13.7
Primary, secondary, and special education school teachers	21.11	13.1	842	13.4	35,202	13.4
Elementary and middle school teachers	25.76	10.0	1,028	10.4	37,926	10.4
Middle school teachers, except special and vocational education	26.37	9.5	1,070	7.7	39,320	7.7
Secondary school teachers	23.96	8.8	952	8.6	38,593	8.6
Secondary school teachers, except special and vocational education	26.57	7.8	1,054	7.3	39,769	7.3
Other teachers and instructors	16.92	10.7	651	9.1	29,933	9.1
Teacher assistants	9.74	12.0	385	12.4	18,878	12.4
Arts, design, entertainment, sports, and media occupations	23.27	9.2	923	9.9	47,444	9.9
Artists and related workers	35.95	14.7	1,479	14.5	76,894	14.5
Designers	20.40	10.0	818	10.1	42,544	10.1
Graphic designers	21.48	12.9	859	12.9	44,664	12.9
Writers and editors	19.35	7.5	770	7.5	40,045	7.5
Editors	19.57	7.2	778	6.9	40,448	6.9
Healthcare practitioner and technical occupations	28.21	7.7	1,117	8.1	58,068	8.1
Pharmacists	53.14	1.2	2,129	1.0	110,699	1.0
Physicians and surgeons	96.44	6.7	4,426	13.8	230,177	13.8
Registered nurses	28.73	3.6	1,128	3.8	58,645	3.8
Therapists	35.62	6.7	1,406	7.0	73,097	7.0
Occupational therapists	35.60	3.0	1,369	4.5	71,194	4.5
Physical therapists	39.68	10.0	1,574	10.4	81,847	10.4
Respiratory therapists	24.10	2.2	950	3.4	49,385	3.4
Clinical laboratory technologists and technicians	17.63	11.6	697	11.3	36,262	11.3
Medical and clinical laboratory technologists	24.78	4.5	981	4.2	51,005	4.2
Medical and clinical laboratory technicians	13.55	5.9	536	5.4	27,867	5.4
Diagnostic related technologists and technicians	25.37	9.8	1,012	9.8	52,644	9.8

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
Healthcare practitioner and technical occupations –Continued						
Cardiovascular technologists and technicians	\$20.08	11.9%	\$803	11.9%	\$41,773	11.9%
Radiologic technologists and technicians ..	23.52	5.9	938	5.9	48,754	5.9
Emergency medical technicians and paramedics	11.45	17.3	446	12.9	23,213	12.9
Health diagnosing and treating practitioner support technicians	16.95	4.0	670	4.1	34,814	4.1
Pharmacy technicians	14.76	8.3	577	8.6	30,015	8.6
Surgical technologists	18.27	4.2	722	4.4	37,523	4.4
Licensed practical and licensed vocational nurses	18.82	2.3	740	2.7	38,489	2.7
Medical records and health information technicians	17.37	18.1	687	18.7	35,727	18.7
Miscellaneous health technologists and technicians	15.49	12.5	618	12.4	32,152	12.4
Occupational health and safety specialists and technicians	27.98	20.2	1,119	20.2	58,204	20.2
Occupational health and safety specialists	27.98	20.2	1,119	20.2	58,204	20.2
Healthcare support occupations	11.73	6.5	445	6.5	23,157	6.5
Nursing, psychiatric, and home health aides	9.53	3.4	361	5.3	18,770	5.3
Home health aides	7.90	10.0	272	18.0	14,138	18.0
Nursing aides, orderlies, and attendants	9.95	2.0	387	2.2	20,122	2.2
Psychiatric aides	9.71	4.2	372	5.1	19,362	5.1
Physical therapist assistants and aides	24.22	18.2	896	14.0	46,579	14.0
Miscellaneous healthcare support occupations	13.11	4.6	503	3.7	26,137	3.7
Dental assistants	17.04	4.9	585	6.2	30,414	6.2
Medical assistants	11.64	2.1	465	2.2	24,182	2.2
Protective service occupations	11.18	6.4	446	6.4	22,479	6.4
Security guards and gaming surveillance officers	10.85	7.5	433	7.5	22,507	7.5
Security guards	10.85	7.5	433	7.5	22,507	7.5
Food preparation and serving related occupations	7.61	3.5	290	4.0	15,000	4.0
First-line supervisors/managers, food preparation and serving workers	14.56	5.0	621	5.2	32,287	5.2
First-line supervisors/managers of food preparation and serving workers	14.56	5.0	621	5.2	32,287	5.2
Cooks	9.29	1.9	358	2.7	18,493	2.7

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
Food preparation and serving related occupations –Continued						
Cooks, fast food	\$8.19	3.1%	\$300	6.6%	\$15,598	6.6%
Cooks, institution and cafeteria	10.18	5.3	398	5.1	20,040	5.1
Cooks, restaurant	9.61	1.8	373	2.1	19,388	2.1
Cooks, short order	8.35	4.4	334	4.4	17,377	4.4
Food preparation workers	8.40	8.1	323	9.4	16,786	9.4
Food service, tipped	4.14	5.1	152	5.5	7,866	5.5
Bartenders	6.00	7.2	219	9.2	10,918	9.2
Waiters and waitresses	3.25	6.6	119	6.5	6,174	6.5
Dining room and cafeteria attendants and bartender helpers	6.75	13.1	259	13.7	13,318	13.7
Fast food and counter workers	8.14	3.1	308	3.1	16,005	3.1
Combined food preparation and serving workers, including fast food	8.15	3.0	307	3.1	15,986	3.1
Counter attendants, cafeteria, food concession, and coffee shop	8.08	6.0	310	5.4	16,108	5.4
Food servers, nonrestaurant	7.71	9.5	296	8.0	15,368	8.0
Dishwashers	7.85	2.0	304	2.7	15,807	2.7
Hosts and hostesses, restaurant, lounge, and coffee shop	7.19	14.8	262	14.3	13,628	14.3
Building and grounds cleaning and maintenance occupations						
First-line supervisors/managers, building and grounds cleaning and maintenance workers	8.97	2.5	346	2.7	17,849	2.7
First-line supervisors/managers of housekeeping and janitorial workers ...	11.99	7.1	473	8.6	24,615	8.6
Building cleaning workers	11.26	6.6	436	7.8	22,675	7.8
Janitors and cleaners, except maids and housekeeping cleaners	8.80	2.6	338	2.7	17,373	2.7
Maids and housekeeping cleaners	9.21	5.0	362	4.7	18,806	4.7
Grounds maintenance workers	8.03	3.1	298	5.0	15,148	5.0
Landscaping and groundskeeping workers	8.62	5.7	341	5.6	17,654	5.6
Personal care and service occupations	8.39	4.3	332	4.2	17,181	4.2
First-line supervisors/managers of personal service workers	11.42	5.6	419	4.3	21,556	4.3
Nonfarm animal caretakers	14.15	4.9	558	7.8	29,030	7.8
Miscellaneous entertainment attendants and related workers	11.17	10.6	447	10.6	23,233	10.6
Barbers and cosmetologists	7.68	6.3	301	6.7	15,626	6.7
	10.70	5.9	394	8.1	20,511	8.1

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
Personal care and service occupations						
–Continued						
Hairdressers, hairstylists, and cosmetologists	\$10.91	7.2%	\$410	9.5%	\$21,340	9.5%
Baggage porters, bellhops, and concierges	6.73	6.1	254	8.7	13,193	8.7
Baggage porters and bellhops	6.73	6.1	254	8.7	13,193	8.7
Transportation attendants	35.82	15.2	725	2.5	37,690	2.5
Child care workers	8.60	5.2	337	5.1	17,492	5.1
Recreation and fitness workers	13.63	8.3	507	11.4	20,260	11.4
Recreation workers	13.74	9.4	507	12.6	19,768	12.6
Sales and related occupations	18.10	2.8	729	3.2	37,810	3.2
First-line supervisors/managers, sales workers	20.86	6.1	867	6.6	45,062	6.6
First-line supervisors/managers of retail sales workers	17.20	4.1	706	4.8	36,726	4.8
First-line supervisors/managers of non-retail sales workers	30.58	14.2	1,311	14.0	68,147	14.0
Retail sales workers	11.27	4.2	448	4.6	23,166	4.6
Cashiers, all workers	8.83	3.3	345	3.2	17,698	3.2
Cashiers	8.83	3.3	345	3.2	17,698	3.2
Counter and rental clerks and parts salespersons	12.49	7.5	499	8.6	25,945	8.6
Counter and rental clerks	10.26	9.6	406	11.5	21,120	11.5
Parts salespersons	14.75	12.5	595	12.6	30,929	12.6
Retail salespersons	12.44	6.4	498	7.6	25,904	7.6
Advertising sales agents	29.71	11.7	1,126	10.2	58,578	10.2
Insurance sales agents	22.82	15.6	933	15.7	48,512	15.7
Securities, commodities, and financial services sales agents	34.36	24.8	1,405	24.8	73,082	24.8
Sales representatives, wholesale and manufacturing	31.12	7.5	1,270	7.2	66,036	7.2
Sales representatives, wholesale and manufacturing, technical and scientific products	37.78	8.3	1,535	8.5	79,797	8.5
Sales representatives, wholesale and manufacturing, except technical and scientific products	27.99	11.3	1,145	11.5	59,528	11.5
Models, demonstrators, and product promoters	12.22	7.6	489	7.6	25,412	7.6
Demonstrators and product promoters	12.22	7.6	489	7.6	25,412	7.6
Real estate brokers and sales agents	21.64	20.1	882	20.8	45,866	20.8
Real estate sales agents	21.64	20.1	882	20.8	45,866	20.8
Telemarketers	10.46	9.1	417	8.9	21,665	8.9

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
Sales and related occupations –Continued						
Miscellaneous sales and related workers	\$13.67	16.5%	\$547	16.5%	\$28,434	16.5%
Office and administrative support occupations						
First-line supervisors/managers of office and administrative support workers	14.81	1.3	588	1.3	30,564	1.3
Switchboard operators, including answering service	23.18	5.1	927	5.1	48,226	5.1
Financial clerks	10.45	8.1	405	8.9	21,055	8.9
Bill and account collectors	14.53	2.0	577	2.2	30,019	2.2
Billing and posting clerks and machine operators	15.31	8.6	611	8.6	31,778	8.6
Bookkeeping, accounting, and auditing clerks	14.02	4.5	556	4.7	28,901	4.7
Payroll and timekeeping clerks	15.37	1.9	609	1.8	31,665	1.8
Procurement clerks	14.20	7.1	547	8.0	28,436	8.0
Tellers	17.35	9.9	694	9.9	36,090	9.9
Credit authorizers, checkers, and clerks	11.53	2.1	461	2.1	23,990	2.1
Customer service representatives	15.36	7.0	614	7.0	31,945	7.0
File clerks	14.43	4.6	573	4.5	29,756	4.5
Hotel, motel, and resort desk clerks	12.27	7.6	488	7.8	25,385	7.8
Interviewers, except eligibility and loan	8.45	4.7	327	4.3	16,998	4.3
Loan interviewers and clerks	12.89	7.1	516	7.1	26,821	7.1
New accounts clerks	14.98	5.3	598	5.4	31,074	5.4
Order clerks	11.73	6.9	468	7.0	24,343	7.0
Human resources assistants, except payroll and timekeeping	12.46	13.1	493	13.0	25,629	13.0
Receptionists and information clerks	17.43	7.3	693	7.5	36,061	7.5
Reservation and transportation ticket agents and travel clerks	11.79	2.2	467	2.2	24,222	2.2
Cargo and freight agents	15.38	12.8	615	12.8	31,994	12.8
Couriers and messengers	18.85	6.5	779	5.8	40,495	5.8
Dispatchers	11.18	8.0	431	6.5	22,421	6.5
Dispatchers, except police, fire, and ambulance	15.55	7.9	631	8.3	32,813	8.3
Production, planning, and expediting clerks	15.72	8.2	639	8.0	33,202	8.0
Shipping, receiving, and traffic clerks	16.64	5.4	664	5.5	34,536	5.5
Stock clerks and order fillers	12.19	4.8	485	4.6	25,223	4.6
Secretaries and administrative assistants	11.80	3.2	473	4.1	24,404	4.1
Executive secretaries and administrative assistants	17.93	4.5	709	4.4	36,823	4.4
Legal secretaries	20.92	3.5	835	3.4	43,370	3.4
Medical secretaries	15.24	5.4	602	5.8	31,302	5.8
	14.28	17.4	566	17.0	29,456	17.0

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
Office and administrative support occupations –Continued						
Secretaries, except legal, medical, and executive	\$16.96	5.4%	\$659	5.6%	\$34,261	5.6%
Computer operators	17.39	5.5	695	5.5	36,125	5.5
Data entry and information processing workers	12.01	3.9	480	3.9	24,942	3.9
Data entry keyers	11.75	3.2	469	3.2	24,396	3.2
Desktop publishers	17.78	9.6	690	7.7	35,894	7.7
Insurance claims and policy processing clerks	16.02	8.6	631	8.7	32,831	8.7
Mail clerks and mail machine operators, except postal service	11.87	8.1	471	7.8	24,502	7.8
Office clerks, general	12.61	3.2	499	3.0	25,945	3.0
Farming, fishing, and forestry occupations ..	12.29	13.0	492	13.0	23,193	13.0
Construction and extraction occupations	17.35	4.6	702	4.9	36,402	4.9
First-line supervisors/managers of construction trades and extraction workers	27.28	11.7	1,160	14.4	60,324	14.4
Carpenters	15.26	6.0	610	6.0	31,583	6.0
Carpet, floor, and tile installers and finishers	16.48	4.3	640	6.6	33,291	6.6
Tile and marble setters	16.60	4.3	650	5.8	33,794	5.8
Cement masons, concrete finishers, and terrazzo workers	13.11	7.2	524	7.2	26,920	7.2
Cement masons and concrete finishers	13.11	7.2	524	7.2	26,920	7.2
Construction laborers	11.25	4.3	450	4.3	23,356	4.3
Construction equipment operators	15.05	4.8	602	4.8	31,299	4.8
Operating engineers and other construction equipment operators	15.80	3.7	632	3.7	32,866	3.7
Electricians	17.75	6.6	710	6.6	36,928	6.6
Insulation workers	17.79	11.1	712	11.1	37,010	11.1
Insulation workers, mechanical	19.85	1.9	794	1.9	41,288	1.9
Painters and paperhangers	14.89	8.1	596	8.1	30,967	8.1
Painters, construction and maintenance	14.89	8.1	596	8.1	30,967	8.1
Pipelayers, plumbers, pipefitters, and steamfitters	18.31	4.9	732	4.9	38,086	4.9
Plumbers, pipefitters, and steamfitters	18.89	5.3	755	5.3	39,284	5.3
Reinforcing iron and rebar workers	15.41	9.6	616	9.6	31,108	9.6
Sheet metal workers	15.72	7.6	629	7.6	32,698	7.6
Helpers, construction trades	12.05	4.0	482	4.0	24,972	4.0

See footnotes at end of table.

RSE Table 12

**Full-time¹ private industry workers: Relative standard errors
of mean hourly, weekly, and annual earnings — Continued**

Occupation ²	Hourly earnings ³		Weekly earnings ⁵		Annual earnings ⁶	
	Mean	Relative error ⁴	Mean	Relative error ⁴	Mean	Relative error ⁴
Construction and extraction occupations						
–Continued						
Helpers--brickmasons, blockmasons, stonemasons, and tile and marble setters	\$10.12	3.2%	\$403	2.8%	\$20,627	2.8%
Helpers--pipelayers, plumbers, pipefitters, and steamfitters	14.70	9.9	588	9.9	30,570	9.9
Miscellaneous construction and related workers	14.25	13.3	570	13.3	29,641	13.3
Derrick, rotary drill, and service unit operators, oil, gas, and mining	23.73	20.6	949	20.6	49,352	20.6
Roustabouts, oil and gas	20.50	4.2	820	4.2	42,639	4.2
Installation, maintenance, and repair occupations	19.31	2.0	778	2.0	40,256	2.0
First-line supervisors/managers of mechanics, installers, and repairers	27.03	4.0	1,132	4.6	58,883	4.6
Computer, automated teller, and office machine repairers	14.83	10.4	593	10.4	30,855	10.4
Radio and telecommunications equipment installers and repairers	23.63	11.0	945	11.0	49,154	11.0
Telecommunications equipment installers and repairers, except line installers	23.64	11.0	946	11.0	49,180	11.0
Miscellaneous electrical and electronic equipment mechanics, installers, and repairers	20.14	7.3	811	7.5	42,186	7.5
Electrical and electronics repairers, commercial and industrial equipment	19.84	7.6	794	7.6	41,275	7.6
Electrical and electronics repairers, powerhouse, substation, and relay	26.40	1.5	1,056	1.5	54,918	1.5
Aircraft mechanics and service technicians ..	28.32	5.3	1,183	8.5	59,126	8.5
Automotive technicians and repairers	17.61	6.1	717	6.0	37,309	6.0
Automotive body and related repairers	18.13	19.6	746	21.7	38,809	21.7
Automotive service technicians and mechanics	17.48	5.7	710	5.9	36,940	5.9
Bus and truck mechanics and diesel engine specialists	17.06	4.8	682	4.8	35,476	4.8
Heavy vehicle and mobile equipment service technicians and mechanics	19.92	7.3	797	7.3	41,427	7.3
Mobile heavy equipment mechanics, except engines	20.05	4.9	802	4.9	41,711	4.9
Rail car repairers	22.00	14.9	880	14.9	45,756	14.9
Heating, air conditioning, and refrigeration mechanics and installers	16.72	12.6	670	12.5	34,817	12.5

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
Installation, maintenance, and repair occupations –Continued						
Industrial machinery installation, repair, and maintenance workers	\$17.81	3.8%	\$711	3.8%	\$36,802	3.8%
Industrial machinery mechanics	21.04	5.7	842	5.7	43,127	5.7
Maintenance and repair workers, general ..	15.17	5.0	607	5.0	31,557	5.0
Maintenance workers, machinery	16.36	8.0	648	7.6	33,677	7.6
Line installers and repairers	24.86	4.3	995	4.3	51,714	4.3
Electrical power-line installers and repairers	27.21	5.0	1,088	5.0	56,601	5.0
Telecommunications line installers and repairers	23.39	6.1	935	6.1	48,645	6.1
Miscellaneous installation, maintenance, and repair workers	16.32	6.0	652	5.9	33,391	5.9
Helpers--installation, maintenance, and repair workers	12.29	3.9	492	3.9	24,507	3.9
Production occupations	14.26	2.9	568	2.9	29,499	2.9
First-line supervisors/managers of production and operating workers	23.41	6.6	940	6.4	48,752	6.4
Aircraft structure, surfaces, rigging, and systems assemblers	20.98	9.4	839	9.4	43,631	9.4
Electrical, electronics, and electromechanical assemblers	11.01	5.0	439	5.0	22,840	5.0
Electrical and electronic equipment assemblers	11.16	5.8	445	5.8	23,137	5.8
Engine and other machine assemblers	12.44	4.6	497	4.6	25,865	4.6
Structural metal fabricators and fitters	19.91	8.0	796	8.0	41,409	8.0
Miscellaneous assemblers and fabricators	11.34	5.1	451	5.1	23,477	5.1
Team assemblers	9.96	9.8	399	9.8	20,725	9.8
Bakers	11.23	16.1	449	16.1	23,363	16.1
Butchers and other meat, poultry, and fish processing workers	11.58	7.3	460	7.4	23,901	7.4
Butchers and meat cutters	15.57	2.4	596	4.5	30,990	4.5
Miscellaneous food processing workers	11.50	12.1	458	12.2	23,796	12.2
Computer control programmers and operators	14.89	18.7	595	18.7	30,964	18.7
Computer-controlled machine tool operators, metal and plastic	14.89	18.7	595	18.7	30,964	18.7
Forming machine setters, operators, and tenders, metal and plastic	12.80	15.4	501	16.0	26,071	16.0
Machine tool cutting setters, operators, and tenders, metal and plastic	12.99	8.8	520	8.8	27,021	8.8

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
Production occupations –Continued						
Cutting, punching, and press machine setters, operators, and tenders, metal and plastic	\$11.30	4.8%	\$452	4.8%	\$23,498	4.8%
Lathe and turning machine tool setters, operators, and tenders, metal and plastic	17.82	15.4	713	15.4	37,067	15.4
Machinists	18.05	6.1	723	5.9	37,576	5.9
Molders and molding machine setters, operators, and tenders, metal and plastic Molding, coremaking, and casting machine setters, operators, and tenders, metal and plastic	9.84	9.9	379	11.7	19,718	11.7
Multiple machine tool setters, operators, and tenders, metal and plastic	12.39	3.9	495	3.9	25,764	3.9
Welding, soldering, and brazing workers	15.14	6.0	606	6.0	31,492	6.0
Welders, cutters, solderers, and brazers	15.26	6.1	610	6.1	31,739	6.1
Miscellaneous metalworkers and plastic workers	14.02	11.1	558	11.3	29,013	11.3
Bookbinders and bindery workers	15.50	6.5	620	6.5	32,234	6.5
Bindery workers	15.50	6.5	620	6.5	32,234	6.5
Printers	16.58	6.1	660	6.2	34,333	6.2
Prepress technicians and workers	17.79	9.1	706	9.2	36,708	9.2
Printing machine operators	16.30	6.7	650	6.7	33,783	6.7
Laundry and dry-cleaning workers	9.16	2.9	358	3.7	18,594	3.7
Pressers, textile, garment, and related materials	7.97	6.1	313	6.6	16,288	6.6
Sewing machine operators	8.53	12.9	341	12.9	17,740	12.9
Miscellaneous textile, apparel, and furnishings workers	11.64	20.3	460	18.5	23,926	18.5
Woodworking machine setters, operators, and tenders	12.44	8.7	479	9.9	24,886	9.9
Power plant operators, distributors, and dispatchers	34.52	15.5	1,381	15.5	71,807	15.5
Miscellaneous plant and system operators	29.31	4.4	1,174	4.4	59,408	4.4
Chemical plant and system operators	31.10	2.7	1,244	2.7	64,679	2.7
Petroleum pump system operators, refinery operators, and gaugers	28.52	6.3	1,143	6.3	56,902	6.3
Crushing, grinding, polishing, mixing, and blending workers	15.48	10.2	619	10.2	32,188	10.2
Grinding and polishing workers, hand	11.67	14.3	467	14.3	24,274	14.3
Mixing and blending machine setters, operators, and tenders	16.91	15.2	676	15.2	35,171	15.2

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						
Inspectors, testers, sorters, samplers, and weighers	\$15.44	7.4%	\$617	7.4%	\$32,088	7.4%
Packaging and filling machine operators and tenders	12.49	5.8	500	5.8	25,981	5.8
Painting workers	13.84	7.3	553	7.3	28,781	7.3
Painters, transportation equipment	16.23	14.2	649	14.2	33,755	14.2
Miscellaneous production workers	11.58	6.4	457	6.3	23,778	6.3
Molders, shapers, and casters, except metal and plastic	10.06	11.1	378	14.2	19,674	14.2
Helpers--production workers	10.55	5.5	416	6.3	21,644	6.3
Transportation and material moving occupations						
First-line supervisors/managers of helpers, laborers, and material movers, hand	14.77	6.8	609	7.9	31,402	7.9
First-line supervisors/managers of transportation and material-moving machine and vehicle operators	27.17	11.5	1,145	10.6	59,545	10.6
Driver/sales workers and truck drivers	15.87	3.5	692	5.4	35,936	5.4
Driver/sales workers	14.53	12.6	591	12.9	30,718	12.9
Truck drivers, heavy and tractor-trailer	16.76	5.9	761	8.5	39,548	8.5
Truck drivers, light or delivery services	14.30	9.7	585	8.3	30,241	8.3
Taxi drivers and chauffeurs	9.27	8.5	361	7.4	18,794	7.4
Sailors and marine oilers	12.76	4.1	587	10.0	29,573	10.0
Ship and boat captains and operators	25.24	13.7	1,366	21.1	64,202	21.1
Captains, mates, and pilots of water vessels	25.24	13.7	1,366	21.1	64,202	21.1
Crane and tower operators	17.48	9.6	699	9.6	36,354	9.6
Dredge, excavating, and loading machine operators	13.48	5.2	539	5.2	28,048	5.2
Excavating and loading machine and dragline operators	13.48	5.2	539	5.2	28,048	5.2
Industrial truck and tractor operators	12.00	9.1	480	9.0	24,968	9.0
Laborers and material movers, hand	10.75	2.2	425	2.3	21,773	2.3
Cleaners of vehicles and equipment	10.64	3.8	426	3.8	22,133	3.8
Laborers and freight, stock, and material movers, hand	11.12	2.8	439	3.0	22,243	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
Transportation and material moving occupations –Continued						
Machine feeders and offbearers	\$11.10	9.5%	\$444	9.5%	\$23,089	9.5%
Packers and packagers, hand	9.43	5.4	370	5.9	19,233	5.9

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.