

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	\$18.28	1.3%	\$729	1.6%	\$37,812	1.6%
Management occupations	42.14	3.5	1,740	2.9	90,343	2.9
General and operations managers	44.91	8.9	1,947	10.9	101,252	10.9
Advertising and promotions managers	32.87	18.1	1,384	21.7	71,956	21.7
Marketing and sales managers	51.47	14.1	2,140	13.2	111,293	13.2
Marketing managers	57.12	14.1	2,285	14.1	118,817	14.1
Sales managers	45.15	17.5	1,964	15.2	102,144	15.2
Administrative services managers	35.52	10.9	1,469	11.8	76,385	11.8
Computer and information systems managers	58.75	11.1	2,361	10.6	122,798	10.6
Financial managers	54.07	4.8	2,190	4.5	113,883	4.5
Human resources managers	35.21	6.4	1,417	6.4	73,658	6.4
Compensation and benefits managers	34.80	8.0	1,392	8.0	72,384	8.0
Industrial production managers	38.76	6.8	1,630	6.1	84,770	6.1
Purchasing managers	45.90	13.0	1,836	13.0	95,474	13.0
Transportation, storage, and distribution managers	34.18	8.0	1,361	8.2	70,753	8.2
Construction managers	32.65	5.9	1,353	5.7	69,264	5.7
Education administrators	24.72	23.4	968	22.1	49,767	22.1
Education administrators, preschool and child care center/program	15.93	10.3	637	10.3	33,136	10.3
Education administrators, postsecondary ..	34.07	10.4	1,246	10.4	62,705	10.4
Engineering managers	56.49	9.3	2,300	8.8	119,611	8.8
Food service managers	22.99	9.1	981	7.3	51,025	7.3
Medical and health services managers	29.75	10.6	1,247	12.3	64,825	12.3
Property, real estate, and community association managers	25.49	5.4	1,020	5.4	53,053	5.4
Business and financial operations occupations	29.24	2.3	1,175	2.4	61,113	2.4
Buyers and purchasing agents	27.94	3.8	1,141	4.0	59,349	4.0
Wholesale and retail buyers, except farm products	31.35	9.7	1,254	9.7	65,213	9.7
Purchasing agents, except wholesale, retail, and farm products	25.93	3.7	1,042	3.4	54,210	3.4
Claims adjusters, appraisers, examiners, and investigators	24.60	3.8	969	4.5	50,370	4.5
Claims adjusters, examiners, and investigators	23.74	1.1	933	1.5	48,530	1.5
Cost estimators	31.18	12.2	1,254	12.2	65,222	12.2
Human resources, training, and labor relations specialists	26.71	6.2	1,059	3.8	55,044	3.8
Employment, recruitment, and placement specialists	24.96	6.2	947	9.2	49,230	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
Business and financial operations occupations –Continued						
Training and development specialists	\$33.87	26.4%	\$1,354	26.4%	\$70,409	26.4%
Logisticians	32.77	10.4	1,311	10.4	68,152	10.4
Management analysts	31.34	9.0	1,257	9.3	65,383	9.3
Accountants and auditors	30.32	11.3	1,217	11.3	63,304	11.3
Financial analysts and advisors	30.76	14.5	1,229	14.5	63,928	14.5
Financial analysts	33.08	20.8	1,323	20.8	68,816	20.8
Personal financial advisors	25.51	11.1	1,020	11.1	53,065	11.1
Loan counselors and officers	30.87	8.8	1,237	9.2	64,333	9.2
Loan officers	30.87	8.8	1,237	9.2	64,333	9.2
Computer and mathematical science occupations						
.....	35.60	4.9	1,427	4.9	73,992	4.9
Computer programmers	31.72	10.7	1,278	10.9	66,257	10.9
Computer software engineers	41.73	5.0	1,671	5.0	86,913	5.0
Computer software engineers, applications	40.74	8.0	1,634	8.0	84,950	8.0
Computer software engineers, systems						
software	42.77	4.5	1,711	4.5	88,953	4.5
Computer support specialists	25.41	12.2	1,018	12.3	52,929	12.3
Computer systems analysts	40.57	6.1	1,624	6.1	84,442	6.1
Database administrators	24.32	11.2	973	11.2	50,575	11.2
Network and computer systems						
administrators	26.20	8.6	1,060	8.9	52,555	8.9
Network systems and data communications						
analysts	30.76	4.1	1,230	4.1	63,985	4.1
Architecture and engineering occupations						
.....	31.44	8.7	1,269	8.6	65,957	8.6
Architects, except naval	31.41	6.2	1,256	6.2	65,331	6.2
Architects, except landscape and naval	31.41	6.2	1,256	6.2	65,331	6.2
Engineers	39.84	1.6	1,619	1.3	84,195	1.3
Aerospace engineers	35.29	12.8	1,412	12.8	73,414	12.8
Chemical engineers	48.58	10.7	1,979	8.9	102,883	8.9
Civil engineers	32.94	10.3	1,404	10.4	73,033	10.4
Computer hardware engineers	45.64	9.2	1,863	9.7	96,890	9.7
Electrical and electronics engineers	39.08	6.2	1,588	5.2	82,554	5.2
Electrical engineers	41.40	12.2	1,710	10.8	88,927	10.8
Electronics engineers, except computer	36.90	6.8	1,476	6.8	76,746	6.8
Industrial engineers, including health and						
safety	35.44	5.9	1,422	6.0	73,955	6.0
Industrial engineers	34.60	7.2	1,389	7.4	72,221	7.4
Mechanical engineers	30.15	7.5	1,206	7.5	62,704	7.5
Petroleum engineers	48.26	19.6	1,931	19.6	100,390	19.6
Drafters	23.63	6.2	946	6.1	49,088	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
Architecture and engineering occupations						
–Continued						
Architectural and civil drafters	\$25.17	16.5%	\$1,007	16.5%	\$52,361	16.5%
Electrical and electronics drafters	16.94	12.9	678	12.9	35,237	12.9
Mechanical drafters	20.57	8.1	823	8.1	42,792	8.1
Engineering technicians, except drafters	20.22	16.3	810	16.3	42,111	16.3
Electrical and electronic engineering technicians	23.99	3.6	960	3.6	49,904	3.6
Surveying and mapping technicians	21.54	37.5	862	37.5	44,799	37.5
Life, physical, and social science occupations	36.00	5.2	1,452	4.6	75,495	4.6
Physical scientists	47.00	5.0	1,920	6.9	99,861	6.9
Environmental scientists and geoscientists	52.87	6.7	2,172	3.8	112,964	3.8
Geoscientists, except hydrologists and geographers	56.82	2.5	2,345	6.3	121,926	6.3
Market and survey researchers	32.26	7.4	1,290	7.4	67,093	7.4
Market research analysts	32.26	7.4	1,290	7.4	67,093	7.4
Community and social services occupations	16.28	6.1	652	5.9	33,821	5.9
Counselors	19.99	8.0	796	7.9	41,041	7.9
Educational, vocational, and school counselors	18.56	9.4	736	9.0	37,775	9.0
Social workers	18.35	7.4	739	7.1	38,404	7.1
Medical and public health social workers	20.02	4.3	801	4.3	41,636	4.3
Miscellaneous community and social service specialists	11.32	5.2	452	5.3	23,483	5.3
Social and human service assistants	10.99	7.1	440	7.1	22,815	7.1
Legal occupations	29.55	24.5	1,218	26.2	63,334	26.2
Lawyers	57.16	11.7	2,526	13.1	131,375	13.1
Miscellaneous legal support workers	21.61	4.8	895	5.7	46,526	5.7
Title examiners, abstractors, and searchers	21.62	5.3	899	6.4	46,736	6.4
Education, training, and library occupations	26.70	21.7	1,058	21.9	47,596	21.9
Postsecondary teachers	52.27	24.6	2,048	25.1	88,624	25.1
Health teachers, postsecondary	90.45	32.8	3,549	33.5	170,366	33.5
Arts, communications, and humanities teachers, postsecondary	39.53	7.7	1,494	7.9	58,875	7.9
Art, drama, and music teachers, postsecondary	36.72	6.3	1,472	8.0	54,857	8.0
Miscellaneous postsecondary teachers	34.76	15.2	1,372	14.7	60,939	14.7
Vocational education teachers, postsecondary	17.42	13.1	694	12.9	36,093	12.9

See footnotes at end of table.

RSE Table 12

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

Occupation ²	Hourly earnings ³		Weekly earnings ⁵		Annual earnings ⁶	
	Mean	Relative error ⁴	Mean	Relative error ⁴	Mean	Relative error ⁴
Education, training, and library occupations						
–Continued						
Primary, secondary, and special education						
school teachers	\$19.85	13.0%	\$790	13.4%	\$33,776	13.4%
Preschool and kindergarten teachers	10.55	8.4	422	8.4	21,617	8.4
Elementary and middle school teachers	25.29	12.2	999	13.8	36,955	13.8
Elementary school teachers, except special education	23.58	21.9	879	27.8	33,049	27.8
Middle school teachers, except special and vocational education	25.87	9.8	1,043	9.1	38,350	9.1
Secondary school teachers	23.02	9.7	913	9.5	37,933	9.5
Secondary school teachers, except special and vocational education	25.91	7.7	1,025	7.2	39,567	7.2
Other teachers and instructors	16.44	13.3	626	11.1	28,842	11.1
Teacher assistants	9.24	11.9	366	12.2	17,951	12.2
Arts, design, entertainment, sports, and media occupations						
Designers	22.20	9.6	881	10.3	45,219	10.3
Graphic designers	20.84	10.8	836	11.0	43,481	11.0
Graphic designers	18.52	8.5	741	8.6	38,558	8.6
News analysts, reporters and correspondents	19.00	13.2	760	13.2	39,530	13.2
Reporters and correspondents	21.11	10.5	844	10.5	43,903	10.5
Public relations specialists	30.15	11.6	1,202	11.6	62,500	11.6
Writers and editors	20.59	7.5	824	7.5	42,829	7.5
Editors	20.63	8.8	825	8.8	42,914	8.8
Technical writers	20.08	9.7	803	9.7	41,763	9.7
Healthcare practitioner and technical occupations						
Pharmacists	26.24	9.5	1,041	9.9	54,146	9.9
Physicians and surgeons	50.73	1.0	2,036	.7	105,868	.7
Registered nurses	97.58	4.8	4,428	12.3	230,233	12.3
Therapists	28.03	4.2	1,103	4.5	57,348	4.5
Occupational therapists	31.14	11.8	1,236	11.9	64,268	11.9
Occupational therapists	26.82	16.1	1,073	16.1	55,782	16.1
Physical therapists	35.52	17.6	1,400	18.0	72,824	18.0
Respiratory therapists	22.39	2.8	894	3.1	46,470	3.1
Clinical laboratory technologists and technicians	17.06	16.3	678	16.0	35,233	16.0
Medical and clinical laboratory technologists	23.25	6.6	922	6.1	47,927	6.1
Medical and clinical laboratory technicians	13.47	10.8	535	10.3	27,835	10.3
Diagnostic related technologists and technicians	21.56	7.6	863	7.6	44,853	7.6

See footnotes at end of table.

RSE Table 12

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

Occupation ²	Hourly earnings ³		Weekly earnings ⁵		Annual earnings ⁶	
	Mean	Relative error ⁴	Mean	Relative error ⁴	Mean	Relative error ⁴
Healthcare practitioner and technical occupations –Continued						
Cardiovascular technologists and technicians	\$18.68	13.0%	\$747	13.0%	\$38,859	13.0%
Radiologic technologists and technicians ..	22.02	7.0	881	7.0	45,799	7.0
Health diagnosing and treating practitioner support technicians	15.87	5.7	627	5.6	32,623	5.6
Pharmacy technicians	13.85	8.7	547	8.5	28,443	8.5
Respiratory therapy technicians	20.29	3.2	812	3.2	42,198	3.2
Surgical technologists	17.52	5.9	689	6.3	35,843	6.3
Licensed practical and licensed vocational nurses	18.12	3.3	712	3.6	37,027	3.6
Medical records and health information technicians	16.76	19.9	663	20.5	34,477	20.5
Miscellaneous health technologists and technicians	16.36	14.8	653	14.7	33,951	14.7
Occupational health and safety specialists and technicians	23.99	21.7	960	21.7	49,898	21.7
Occupational health and safety specialists	23.99	21.7	960	21.7	49,898	21.7
Healthcare support occupations	11.82	7.6	450	8.2	23,387	8.2
Nursing, psychiatric, and home health aides	9.18	3.3	345	6.0	17,965	6.0
Home health aides	7.59	11.1	255	21.9	13,257	21.9
Nursing aides, orderlies, and attendants	9.60	1.6	376	2.0	19,557	2.0
Psychiatric aides	9.77	3.7	361	2.0	18,766	2.0
Physical therapist assistants and aides	25.04	15.6	1,002	15.6	52,079	15.6
Miscellaneous healthcare support occupations	12.85	6.0	492	4.9	25,573	4.9
Dental assistants	16.61	6.2	572	7.3	29,747	7.3
Medical assistants	11.37	3.2	454	3.3	23,607	3.3
Protective service occupations	10.48	7.5	418	7.5	21,515	7.5
Security guards and gaming surveillance officers	10.02	8.6	399	8.6	20,754	8.6
Security guards	10.02	8.6	399	8.6	20,754	8.6
Food preparation and serving related occupations	7.39	4.5	282	4.8	14,605	4.8
First-line supervisors/managers, food preparation and serving workers	13.55	4.9	567	4.4	29,502	4.4
First-line supervisors/managers of food preparation and serving workers	13.55	4.9	567	4.4	29,502	4.4
Cooks	8.79	1.8	339	2.8	17,547	2.8
Cooks, fast food	7.55	3.7	278	8.0	14,467	8.0

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
Food preparation and serving related occupations –Continued						
Cooks, institution and cafeteria	\$9.93	5.1%	\$387	4.9%	\$19,479	4.9%
Cooks, restaurant	9.08	2.8	354	3.0	18,399	3.0
Cooks, short order	8.21	2.9	329	2.9	17,083	2.9
Food preparation workers	8.04	8.1	311	9.4	16,197	9.4
Food service, tipped	4.04	7.6	149	8.3	7,707	8.3
Bartenders	5.75	8.9	213	11.4	10,905	11.4
Waiters and waitresses	3.08	6.2	112	6.2	5,817	6.2
Dining room and cafeteria attendants and bartender helpers	6.38	13.5	244	14.1	12,708	14.1
Fast food and counter workers	7.58	5.7	288	4.8	14,953	4.8
Combined food preparation and serving workers, including fast food	7.55	6.0	287	4.7	14,930	4.7
Counter attendants, cafeteria, food concession, and coffee shop	7.82	7.2	297	6.6	15,111	6.6
Food servers, nonrestaurant	7.46	9.3	283	7.6	14,722	7.6
Dishwashers	7.70	2.5	297	3.3	15,424	3.3
Hosts and hostesses, restaurant, lounge, and coffee shop	6.80	16.2	247	15.2	12,836	15.2
Building and grounds cleaning and maintenance occupations						
First-line supervisors/managers, building and grounds cleaning and maintenance workers	8.71	2.0	335	2.1	17,382	2.1
First-line supervisors/managers of housekeeping and janitorial workers ...	10.82	7.9	428	9.9	22,279	9.9
Building cleaning workers	10.41	7.3	405	8.6	21,065	8.6
Janitors and cleaners, except maids and housekeeping cleaners	8.60	2.5	330	2.4	17,084	2.4
Maids and housekeeping cleaners	9.03	8.2	355	8.2	18,474	8.2
Grounds maintenance workers	7.78	4.1	288	5.5	14,864	5.5
Landscaping and groundskeeping workers	8.49	8.6	334	8.4	17,283	8.4
Personal care and service occupations	8.04	2.9	316	2.8	16,328	2.8
First-line supervisors/managers of personal service workers	10.59	4.7	389	3.1	19,926	3.1
Barbers and cosmetologists	11.60	3.1	446	2.7	23,195	2.7
Hairdressers, hairstylists, and cosmetologists	10.44	5.9	382	7.8	19,859	7.8
Baggage porters, bellhops, and concierges	10.69	7.1	399	9.1	20,746	9.1
Baggage porters and bellhops	7.10	8.3	284	8.3	14,776	8.3
Transportation attendants	7.10	8.3	284	8.3	14,776	8.3
	34.01	16.0	684	3.5	35,575	3.5

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
Personal care and service occupations						
–Continued						
Flight attendants	\$40.01	1.2%	\$726	3.4%	\$37,743	3.4%
Child care workers	8.38	5.3	329	5.0	17,093	5.0
Recreation and fitness workers	15.10	16.6	533	21.4	14,569	21.4
Sales and related occupations	17.72	2.5	716	2.2	37,201	2.2
First-line supervisors/managers, sales workers	23.65	16.4	979	16.5	50,902	16.5
First-line supervisors/managers of retail sales workers	16.53	4.7	680	6.0	35,378	6.0
First-line supervisors/managers of non-retail sales workers	41.16	32.7	1,729	32.4	89,908	32.4
Retail sales workers	11.80	2.9	473	3.8	24,549	3.8
Cashiers, all workers	8.31	3.9	324	3.8	16,788	3.8
Cashiers	8.31	3.9	324	3.8	16,788	3.8
Counter and rental clerks and parts salespersons	15.64	17.5	625	17.8	32,514	17.8
Counter and rental clerks	16.30	22.5	650	22.9	33,785	22.9
Parts salespersons	14.49	10.0	583	10.7	30,302	10.7
Retail salespersons	12.72	5.7	517	6.8	26,891	6.8
Advertising sales agents	51.55	39.3	1,912	40.3	99,448	40.3
Insurance sales agents	18.78	5.0	765	5.9	39,764	5.9
Securities, commodities, and financial services sales agents	23.86	22.0	954	22.0	49,626	22.0
Sales representatives, wholesale and manufacturing	29.20	8.8	1,202	8.2	62,499	8.2
Sales representatives, wholesale and manufacturing, technical and scientific products	36.68	9.1	1,500	9.2	78,005	9.2
Sales representatives, wholesale and manufacturing, except technical and scientific products	26.11	13.5	1,078	13.3	56,043	13.3
Models, demonstrators, and product promoters	11.62	9.1	464	9.2	24,149	9.2
Demonstrators and product promoters	11.62	9.1	464	9.2	24,149	9.2
Telemarketers	10.08	8.0	401	7.6	20,851	7.6
Miscellaneous sales and related workers	18.31	33.6	731	33.4	37,876	33.4
Office and administrative support occupations	14.18	1.1	563	1.1	29,227	1.1
First-line supervisors/managers of office and administrative support workers	22.99	5.1	919	5.2	47,788	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
Office and administrative support occupations –Continued						
Switchboard operators, including answering service	\$10.37	6.6%	\$403	7.5%	\$20,967	7.5%
Financial clerks	13.96	2.3	556	2.3	28,894	2.3
Bill and account collectors	14.56	8.3	581	8.3	30,203	8.3
Billing and posting clerks and machine operators	13.64	3.0	540	3.4	28,089	3.4
Bookkeeping, accounting, and auditing clerks	14.63	2.0	582	2.1	30,258	2.1
Payroll and timekeeping clerks	13.72	4.8	530	7.7	27,577	7.7
Procurement clerks	15.96	15.4	638	15.4	33,189	15.4
Tellers	11.68	3.6	467	3.6	24,284	3.6
Correspondence clerks	17.60	5.4	704	5.4	36,605	5.4
Credit authorizers, checkers, and clerks	13.89	5.7	542	7.0	28,207	7.0
Customer service representatives	14.27	6.0	565	5.9	29,357	5.9
File clerks	11.59	7.2	462	7.3	24,026	7.3
Hotel, motel, and resort desk clerks	8.51	6.6	332	6.5	17,240	6.5
Interviewers, except eligibility and loan	12.88	8.4	517	8.2	26,899	8.2
Loan interviewers and clerks	15.65	6.8	620	6.7	32,225	6.7
New accounts clerks	12.05	7.2	481	7.4	25,002	7.4
Order clerks	12.27	10.9	486	10.8	25,283	10.8
Human resources assistants, except payroll and timekeeping	16.40	8.7	652	8.9	33,912	8.9
Receptionists and information clerks	11.23	2.4	444	2.5	23,072	2.5
Reservation and transportation ticket agents and travel clerks	15.85	10.9	634	10.9	32,968	10.9
Couriers and messengers	11.04	3.9	431	2.2	22,421	2.2
Dispatchers	13.45	8.3	541	9.9	28,148	9.9
Dispatchers, except police, fire, and ambulance	13.56	8.2	546	9.5	28,394	9.5
Production, planning, and expediting clerks	16.16	6.4	646	6.4	33,611	6.4
Shipping, receiving, and traffic clerks	11.61	5.0	463	5.0	24,074	5.0
Stock clerks and order fillers	12.10	3.9	486	3.9	25,063	3.9
Secretaries and administrative assistants	17.23	3.6	679	3.8	35,295	3.8
Executive secretaries and administrative assistants	20.65	4.0	824	3.9	42,818	3.9
Legal secretaries	16.24	5.9	644	6.1	33,498	6.1
Medical secretaries	13.71	17.8	543	17.5	28,241	17.5
Secretaries, except legal, medical, and executive	16.15	3.5	625	4.2	32,504	4.2
Computer operators	17.55	8.9	701	8.9	36,462	8.9
Data entry and information processing workers	11.86	5.0	472	4.9	24,522	4.9

See footnotes at end of table.

RSE Table 12

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

Occupation ²	Hourly earnings ³		Weekly earnings ⁵		Annual earnings ⁶	
	Mean	Relative error ⁴	Mean	Relative error ⁴	Mean	Relative error ⁴
Office and administrative support occupations –Continued						
Data entry keyers	\$11.52	4.6%	\$459	4.6%	\$23,842	4.6%
Word processors and typists	12.97	4.2	513	3.6	26,688	3.6
Desktop publishers	17.36	9.8	672	7.9	34,939	7.9
Insurance claims and policy processing clerks	14.40	5.7	566	5.6	29,425	5.6
Mail clerks and mail machine operators, except postal service	11.07	8.5	439	8.4	22,837	8.4
Office clerks, general	12.31	3.1	486	2.6	25,247	2.6
Farming, fishing, and forestry occupations ..	13.04	18.8	522	18.8	24,702	18.8
Construction and extraction occupations	16.58	4.9	670	5.1	34,732	5.1
First-line supervisors/managers of construction trades and extraction workers	24.70	13.4	1,031	15.4	53,603	15.4
Carpenters	13.69	2.9	548	2.9	28,343	2.9
Cement masons, concrete finishers, and terrazzo workers	12.59	3.9	503	3.9	25,866	3.9
Cement masons and concrete finishers	12.59	3.9	503	3.9	25,866	3.9
Construction laborers	10.93	4.7	438	4.7	22,719	4.7
Construction equipment operators	14.31	4.8	572	4.8	29,769	4.8
Paving, surfacing, and tamping equipment operators	11.81	10.1	473	10.1	24,575	10.1
Operating engineers and other construction equipment operators	15.14	2.8	606	2.8	31,493	2.8
Electricians	16.65	7.6	666	7.6	34,632	7.6
Insulation workers	18.81	2.4	752	2.4	39,125	2.4
Insulation workers, mechanical	19.00	1.2	760	1.2	39,522	1.2
Painters and paperhangers	14.05	8.0	562	8.0	29,219	8.0
Painters, construction and maintenance	14.05	8.0	562	8.0	29,219	8.0
Pipelayers, plumbers, pipefitters, and steamfitters	18.93	4.5	757	4.5	39,368	4.5
Plumbers, pipefitters, and steamfitters	19.49	4.3	780	4.3	40,543	4.3
Sheet metal workers	14.88	4.6	595	4.6	30,960	4.6
Helpers, construction trades	11.31	3.5	453	3.5	23,451	3.5
Helpers--pipelayers, plumbers, pipefitters, and steamfitters	14.05	11.0	562	11.0	29,233	11.0
Miscellaneous construction and related workers	14.62	19.5	585	19.5	30,415	19.5
Derrick, rotary drill, and service unit operators, oil, gas, and mining	22.25	20.8	890	20.8	46,289	20.8
Roustabouts, oil and gas	20.96	5.4	838	5.4	43,597	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
Installation, maintenance, and repair occupations	\$18.48	2.4%	\$745	2.3%	\$38,584	2.3%
First-line supervisors/managers of mechanics, installers, and repairers	26.28	5.6	1,102	5.7	57,312	5.7
Computer, automated teller, and office machine repairers	15.82	13.7	633	13.7	32,908	13.7
Radio and telecommunications equipment installers and repairers	23.03	11.8	921	11.8	47,904	11.8
Telecommunications equipment installers and repairers, except line installers	23.03	11.8	921	11.8	47,904	11.8
Miscellaneous electrical and electronic equipment mechanics, installers, and repairers	18.86	7.9	760	8.1	39,512	8.1
Electrical and electronics repairers, commercial and industrial equipment	18.50	6.9	740	6.9	38,479	6.9
Aircraft mechanics and service technicians ..	27.30	7.2	1,146	11.1	57,035	11.1
Automotive technicians and repairers	17.29	5.0	706	5.0	36,724	5.0
Automotive body and related repairers	14.90	10.7	601	10.8	31,239	10.8
Automotive service technicians and mechanics	17.94	5.6	735	5.5	38,220	5.5
Bus and truck mechanics and diesel engine specialists	16.93	5.8	683	6.5	35,500	6.5
Heavy vehicle and mobile equipment service technicians and mechanics	17.98	6.9	719	6.9	37,398	6.9
Mobile heavy equipment mechanics, except engines	17.55	2.8	702	2.8	36,498	2.8
Rail car repairers	19.76	10.8	790	10.8	41,093	10.8
Heating, air conditioning, and refrigeration mechanics and installers	20.94	11.5	835	11.7	43,394	11.7
Industrial machinery installation, repair, and maintenance workers	17.22	4.0	688	4.0	35,626	4.0
Industrial machinery mechanics	19.43	7.9	777	7.9	39,936	7.9
Maintenance and repair workers, general ..	15.55	5.7	622	5.7	32,326	5.7
Maintenance workers, machinery	15.69	10.0	623	9.7	32,399	9.7
Line installers and repairers	23.79	4.7	951	4.7	49,475	4.7
Electrical power-line installers and repairers	25.86	4.9	1,035	4.9	53,798	4.9
Telecommunications line installers and repairers	22.09	6.9	884	6.9	45,948	6.9
Miscellaneous installation, maintenance, and repair workers	13.43	11.6	537	11.4	27,519	11.4
Helpers--installation, maintenance, and repair workers	10.61	10.0	424	10.0	21,204	10.0

See footnotes at end of table.

RSE Table 12

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

Occupation ²	Hourly earnings ³		Weekly earnings ⁵		Annual earnings ⁶	
	Mean	Relative error ⁴	Mean	Relative error ⁴	Mean	Relative error ⁴
Production occupations	\$13.68	3.1%	\$546	3.1%	\$28,379	3.1%
First-line supervisors/managers of production and operating workers	21.79	6.3	875	5.7	45,522	5.7
Aircraft structure, surfaces, rigging, and systems assemblers	20.90	9.7	836	9.7	43,474	9.7
Electrical, electronics, and electromechanical assemblers	11.49	3.8	459	3.8	23,859	3.8
Electrical and electronic equipment assemblers	11.88	4.4	475	4.4	24,676	4.4
Structural metal fabricators and fitters	18.57	6.1	743	6.1	38,618	6.1
Miscellaneous assemblers and fabricators	11.38	5.4	454	5.4	23,600	5.4
Team assemblers	8.85	4.0	354	4.0	18,407	4.0
Bakers	9.99	15.2	400	15.2	20,779	15.2
Butchers and other meat, poultry, and fish processing workers	11.04	7.9	438	8.0	22,781	8.0
Butchers and meat cutters	15.41	3.5	585	5.3	30,432	5.3
Miscellaneous food processing workers	11.31	10.8	452	10.8	23,528	10.8
Computer control programmers and operators	16.92	17.7	676	17.8	35,138	17.8
Computer-controlled machine tool operators, metal and plastic	16.78	19.3	670	19.4	34,848	19.4
Forming machine setters, operators, and tenders, metal and plastic	10.41	31.6	414	31.6	21,510	31.6
Extruding and drawing machine setters, operators, and tenders, metal and plastic	10.15	35.2	403	35.2	20,967	35.2
Machine tool cutting setters, operators, and tenders, metal and plastic	12.99	9.1	520	9.1	27,017	9.1
Cutting, punching, and press machine setters, operators, and tenders, metal and plastic	11.38	7.6	455	7.6	23,668	7.6
Grinding, lapping, polishing, and buffing machine tool setters, operators, and tenders, metal and plastic	12.28	9.7	491	9.7	25,553	9.7
Machinists	17.30	8.4	693	8.1	36,016	8.1
Molders and molding machine setters, operators, and tenders, metal and plastic Molding, coremaking, and casting machine setters, operators, and tenders, metal and plastic	10.47	10.2	416	10.2	21,639	10.2
Multiple machine tool setters, operators, and tenders, metal and plastic	12.63	7.3	505	7.3	26,269	7.3
Tool and die makers	19.96	7.7	799	7.7	41,526	7.7
Welding, soldering, and brazing workers	14.60	6.5	584	6.5	30,364	6.5

See footnotes at end of table.

RSE Table 12

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

Occupation ²	Hourly earnings ³		Weekly earnings ⁵		Annual earnings ⁶	
	Mean	Relative error ⁴	Mean	Relative error ⁴	Mean	Relative error ⁴
Production occupations —Continued						
Welders, cutters, solderers, and brazers	\$14.67	6.6%	\$587	6.6%	\$30,514	6.6%
Miscellaneous metalworkers and plastic workers	14.03	10.4	558	10.6	29,001	10.6
Plating and coating machine setters, operators, and tenders, metal and plastic	11.03	36.1	439	36.1	22,851	36.1
Bookbinders and bindery workers	15.32	4.8	613	4.8	31,858	4.8
Bindery workers	15.05	5.0	602	5.0	31,294	5.0
Printers	16.38	7.5	652	7.6	33,890	7.6
Prepress technicians and workers	17.41	7.5	690	7.7	35,861	7.7
Printing machine operators	16.26	8.6	647	8.6	33,656	8.6
Laundry and dry-cleaning workers	8.88	2.9	353	3.1	18,354	3.1
Sewing machine operators	9.24	9.6	370	9.6	19,223	9.6
Miscellaneous textile, apparel, and furnishings workers	11.57	21.2	456	19.3	23,717	19.3
Woodworking machine setters, operators, and tenders	12.27	7.7	472	9.1	24,569	9.1
Power plant operators, distributors, and dispatchers	34.32	16.4	1,373	16.4	71,393	16.4
Stationary engineers and boiler operators	17.55	12.0	702	12.0	36,502	12.0
Miscellaneous plant and system operators	26.98	5.2	1,080	5.2	56,158	5.2
Petroleum pump system operators, refinery operators, and gaugers	26.43	7.8	1,059	7.8	55,047	7.8
Crushing, grinding, polishing, mixing, and blending workers	14.27	8.1	571	8.1	29,689	8.1
Mixing and blending machine setters, operators, and tenders	14.42	8.7	577	8.7	29,993	8.7
Furnace, kiln, oven, drier, and kettle operators and tenders	13.30	5.4	532	5.4	27,672	5.4
Inspectors, testers, sorters, samplers, and weighers	14.75	7.5	590	7.5	30,689	7.5
Packaging and filling machine operators and tenders	12.25	5.9	490	5.9	25,488	5.9
Painting workers	15.29	10.5	614	10.8	31,931	10.8
Coating, painting, and spraying machine setters, operators, and tenders	10.97	3.3	439	3.3	22,815	3.3
Painters, transportation equipment	18.73	23.8	754	24.6	39,232	24.6
Miscellaneous production workers	10.94	4.7	435	4.7	22,612	4.7
Molders, shapers, and casters, except metal and plastic	9.60	13.5	384	13.5	19,962	13.5
Helpers--production workers	10.89	2.1	432	2.5	22,482	2.5

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
Transportation and material moving occupations	\$14.36	6.3%	\$586	7.9%	\$30,319	7.9%
First-line supervisors/managers of helpers, laborers, and material movers, hand	15.31	9.1	613	9.1	31,901	9.1
First-line supervisors/managers of transportation and material-moving machine and vehicle operators	24.54	9.1	1,009	11.4	52,492	11.4
Bus drivers	15.12	11.9	605	11.9	31,441	11.9
Driver/sales workers and truck drivers	15.29	4.4	657	7.4	34,106	7.4
Driver/sales workers	14.39	11.5	598	10.7	31,096	10.7
Truck drivers, heavy and tractor-trailer	16.23	7.3	718	11.9	37,321	11.9
Truck drivers, light or delivery services	13.52	8.7	551	7.6	28,509	7.6
Taxi drivers and chauffeurs	8.05	5.8	317	6.2	16,502	6.2
Sailors and marine oilers	14.46	.0	619	.0	32,186	.0
Crane and tower operators	18.00	5.8	720	5.8	37,449	5.8
Dredge, excavating, and loading machine operators	12.79	6.7	512	6.7	26,613	6.7
Excavating and loading machine and dragline operators	12.79	6.7	512	6.7	26,613	6.7
Industrial truck and tractor operators	11.77	10.6	471	10.6	24,494	10.6
Laborers and material movers, hand	10.29	2.1	407	2.2	20,872	2.2
Cleaners of vehicles and equipment	9.97	5.5	399	5.5	20,742	5.5
Laborers and freight, stock, and material movers, hand	10.81	3.0	426	3.4	21,633	3.4
Machine feeders and offbearers	10.83	9.3	433	9.3	22,519	9.3
Packers and packagers, hand	8.34	3.6	326	4.7	16,956	4.7

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.