

RSE Table 16

Private industry establishments with 100 workers or more: Relative standard errors of mean hourly, weekly, and annual earnings by occupation for full-time workers

Occupation ¹	Hourly earnings ²		Weekly earnings ⁴		Annual earnings ⁵	
	Mean	Relative error ³	Mean	Relative error ³	Mean	Relative error ³
All workers	\$22.96	1.5%	\$912	1.5%	\$47,103	1.5%
Management occupations	48.01	3.7	1,969	3.8	102,336	3.8
General and operations managers	59.42	11.8	2,481	13.3	129,015	13.3
Advertising and promotions managers	28.15	22.8	1,152	22.7	59,903	22.7
Marketing and sales managers	46.65	4.0	1,884	4.0	97,978	4.0
Marketing managers	49.76	4.7	1,962	5.0	102,014	5.0
Sales managers	44.07	6.7	1,817	6.6	94,484	6.6
Public relations managers	30.05	16.0	1,185	16.4	61,631	16.4
Administrative services managers	26.76	17.8	1,089	19.9	56,610	19.9
Computer and information systems managers	56.45	2.1	2,337	2.3	121,508	2.3
Financial managers	49.16	5.7	2,002	5.7	104,123	5.7
Human resources managers	46.11	10.1	1,857	10.0	96,541	10.0
Compensation and benefits managers	42.18	22.1	1,713	22.5	89,053	22.5
Industrial production managers	42.11	10.9	1,692	11.5	87,970	11.5
Transportation, storage, and distribution managers	49.09	5.1	1,943	5.8	101,023	5.8
Construction managers	45.40	7.0	1,841	6.7	95,732	6.7
Education administrators	45.04	15.7	1,787	15.4	91,608	15.4
Education administrators, postsecondary ..	46.30	20.0	1,835	19.6	94,293	19.6
Engineering managers	52.25	4.2	2,159	3.1	112,245	3.1
Food service managers	22.87	7.4	1,085	11.3	56,405	11.3
Medical and health services managers	42.79	3.0	1,775	3.9	92,280	3.9
Business and financial operations occupations	34.56	2.9	1,385	2.9	72,019	2.9
Buyers and purchasing agents	28.95	6.4	1,156	6.4	60,135	6.4
Wholesale and retail buyers, except farm products	26.34	6.9	1,054	6.9	54,785	6.9
Purchasing agents, except wholesale, retail, and farm products	30.33	7.5	1,210	7.5	62,925	7.5
Claims adjusters, appraisers, examiners, and investigators	26.68	7.3	1,058	7.0	54,997	7.0
Claims adjusters, examiners, and investigators	26.68	7.3	1,058	7.0	54,997	7.0
Cost estimators	33.39	16.3	1,335	16.3	69,443	16.3
Human resources, training, and labor relations specialists	31.36	6.0	1,252	5.7	65,080	5.7
Employment, recruitment, and placement specialists	30.84	9.5	1,234	9.5	64,153	9.5
Compensation, benefits, and job analysis specialists	30.49	6.2	1,212	6.4	63,041	6.4
Training and development specialists	32.41	8.2	1,277	7.9	66,406	7.9

See footnotes at end of table.

RSE Table 16

Private industry establishments with 100 workers or more: Relative standard errors of mean hourly, weekly, and annual earnings by occupation for full-time workers — Continued

Occupation ¹	Hourly earnings ²		Weekly earnings ⁴		Annual earnings ⁵	
	Mean	Relative error ³	Mean	Relative error ³	Mean	Relative error ³
Business and financial operations occupations –Continued						
Logisticians	\$36.77	6.5%	\$1,463	6.5%	\$76,075	6.5%
Management analysts	43.23	7.5	1,741	7.0	90,526	7.0
Meeting and convention planners	25.82	6.0	1,009	7.5	52,458	7.5
Accountants and auditors	30.35	5.3	1,222	5.1	63,562	5.1
Budget analysts	33.23	9.7	1,293	10.8	67,242	10.8
Credit analysts	43.24	24.6	1,730	24.6	89,948	24.6
Financial analysts and advisors	35.39	7.6	1,416	7.6	73,618	7.6
Financial analysts	37.56	9.0	1,505	9.1	78,259	9.1
Personal financial advisors	35.28	20.0	1,411	20.0	73,386	20.0
Loan counselors and officers	35.72	10.9	1,453	11.3	75,568	11.3
Loan officers	36.33	11.2	1,479	11.7	76,885	11.7
Computer and mathematical science occupations						
.....	39.29	1.8	1,568	1.8	81,440	1.8
Computer programmers	36.28	5.6	1,448	5.6	75,300	5.6
Computer software engineers	42.33	2.3	1,695	2.3	88,129	2.3
Computer software engineers, applications	41.71	4.4	1,668	4.3	86,719	4.3
Computer software engineers, systems						
software	43.02	2.7	1,725	2.6	89,712	2.6
Computer support specialists	29.92	8.9	1,186	8.7	61,467	8.7
Computer systems analysts	41.01	3.3	1,636	3.1	85,079	3.1
Database administrators	39.21	5.5	1,553	5.5	80,743	5.5
Network and computer systems						
administrators	42.36	6.8	1,701	7.0	87,820	7.0
Network systems and data communications						
analysts	36.24	6.0	1,448	6.0	75,307	6.0
Operations research analysts	40.70	8.8	1,610	9.2	83,718	9.2
Architecture and engineering occupations						
.....	35.81	2.1	1,439	2.1	74,830	2.1
Architects, except naval	43.95	7.1	1,759	7.1	91,463	7.1
Architects, except landscape and naval	43.95	7.1	1,759	7.1	91,463	7.1
Engineers	40.60	1.7	1,636	1.9	85,041	1.9
Aerospace engineers	44.02	6.9	1,761	6.9	91,552	6.9
Civil engineers	35.46	7.4	1,419	7.4	73,765	7.4
Computer hardware engineers	45.37	5.5	1,820	5.5	94,648	5.5
Electrical and electronics engineers	38.75	2.4	1,564	2.2	81,318	2.2
Electrical engineers	40.78	3.7	1,631	3.7	84,831	3.7
Electronics engineers, except computer	37.79	2.7	1,531	2.5	79,618	2.5
Industrial engineers, including health and						
safety	39.88	9.6	1,632	9.2	84,840	9.2
Industrial engineers	35.63	7.6	1,450	7.7	75,408	7.7

See footnotes at end of table.

RSE Table 16

Private industry establishments with 100 workers or more: Relative standard errors of mean hourly, weekly, and annual earnings by occupation for full-time workers — Continued

Occupation ¹	Hourly earnings ²		Weekly earnings ⁴		Annual earnings ⁵	
	Mean	Relative error ³	Mean	Relative error ³	Mean	Relative error ³
Architecture and engineering occupations						
–Continued						
Mechanical engineers	\$35.41	5.5%	\$1,434	5.2%	\$74,465	5.2%
Drafters	24.97	6.6	999	6.6	51,944	6.6
Architectural and civil drafters	25.45	10.2	1,018	10.2	52,938	10.2
Mechanical drafters	24.29	4.5	972	4.5	50,524	4.5
Engineering technicians, except drafters	26.15	4.0	1,046	4.0	54,389	4.0
Electrical and electronic engineering technicians	26.19	3.7	1,046	3.7	54,382	3.7
Mechanical engineering technicians	22.21	7.3	899	7.3	46,761	7.3
Life, physical, and social science occupations	34.29	3.9	1,358	3.8	70,637	3.8
Life scientists	35.76	10.1	1,382	9.6	71,887	9.6
Biological scientists	31.80	15.1	1,231	13.7	64,024	13.7
Medical scientists	37.77	18.8	1,479	18.4	76,918	18.4
Physical scientists	45.32	16.2	1,830	17.6	95,167	17.6
Chemists and materials scientists	53.10	19.6	2,178	21.5	113,240	21.5
Chemists	53.46	27.6	2,218	29.8	115,351	29.8
Market and survey researchers	32.19	5.2	1,292	5.0	67,205	5.0
Market research analysts	32.03	5.8	1,287	5.6	66,899	5.6
Miscellaneous social scientists and related workers	43.91	12.0	1,751	11.5	91,048	11.5
Biological technicians	22.09	14.6	877	14.5	45,620	14.5
Chemical technicians	22.68	7.3	907	7.3	47,166	7.3
Miscellaneous life, physical, and social science technicians	23.90	8.8	953	8.6	49,532	8.6
Community and social services occupations	16.55	6.2	648	7.0	33,685	7.0
Counselors	17.66	8.0	694	8.2	36,104	8.2
Substance abuse and behavioral disorder counselors	17.76	4.7	711	4.7	36,951	4.7
Educational, vocational, and school counselors	22.96	15.9	884	15.0	45,974	15.0
Rehabilitation counselors	16.14	5.5	619	4.9	32,167	4.9
Social workers	19.56	3.5	781	3.5	40,579	3.5
Child, family, and school social workers ..	17.90	8.0	711	7.9	36,867	7.9
Medical and public health social workers	21.26	7.5	850	7.5	44,221	7.5
Mental health and substance abuse social workers	19.06	6.5	762	6.5	39,635	6.5
Miscellaneous community and social service specialists	11.78	11.7	449	14.8	23,337	14.8
Social and human service assistants	11.60	12.3	441	15.6	22,946	15.6

See footnotes at end of table.

RSE Table 16

Private industry establishments with 100 workers or more: Relative standard errors of mean hourly, weekly, and annual earnings by occupation for full-time workers — Continued

Occupation ¹	Hourly earnings ²		Weekly earnings ⁴		Annual earnings ⁵	
	Mean	Relative error ³	Mean	Relative error ³	Mean	Relative error ³
Legal occupations	\$58.76	9.2%	\$2,308	9.2%	\$120,031	9.2%
Lawyers	77.26	7.9	3,052	8.0	158,680	8.0
Paralegals and legal assistants	29.04	8.1	1,129	7.4	58,695	7.4
Education, training, and library occupations	36.01	7.7	1,411	7.6	60,682	7.6
Postsecondary teachers	43.02	14.6	1,701	14.4	76,978	14.4
Business teachers, postsecondary	45.74	14.2	1,906	10.5	73,954	10.5
Math and computer teachers, postsecondary	48.67	9.3	1,808	9.7	78,541	9.7
Life sciences teachers, postsecondary	44.88	9.0	1,838	7.6	81,574	7.6
Biological science teachers, postsecondary	44.88	9.0	1,838	7.6	81,574	7.6
Social sciences teachers, postsecondary	45.39	7.5	1,754	7.4	77,347	7.4
Arts, communications, and humanities teachers, postsecondary	41.51	9.0	1,664	8.1	67,837	8.1
English language and literature teachers, postsecondary	38.84	9.4	1,626	16.6	64,449	16.6
Philosophy and religion teachers, postsecondary	45.00	15.0	1,830	10.7	71,357	10.7
Primary, secondary, and special education school teachers	30.80	3.4	1,201	4.0	45,474	4.0
Elementary and middle school teachers	31.89	4.3	1,201	4.3	45,228	4.3
Elementary school teachers, except special education	31.51	6.6	1,189	5.6	44,121	5.6
Middle school teachers, except special and vocational education	32.27	4.4	1,213	4.9	46,329	4.9
Secondary school teachers	30.64	4.5	1,233	5.2	45,955	5.2
Secondary school teachers, except special and vocational education	30.64	4.5	1,233	5.2	45,955	5.2
Librarians	30.11	9.4	1,145	9.2	50,070	9.2
Teacher assistants	11.13	4.5	428	7.3	20,627	7.3
Arts, design, entertainment, sports, and media occupations	26.50	8.2	1,054	8.2	54,566	8.2
Artists and related workers	24.14	18.1	960	17.8	49,476	17.8
Designers	23.06	7.5	926	7.0	48,168	7.0
Graphic designers	24.16	7.4	961	7.1	49,961	7.1
Actors, producers, and directors	23.96	13.0	973	14.9	50,594	14.9
Producers and directors	24.82	13.0	1,010	15.1	52,521	15.1
Athletes, coaches, umpires, and related workers	20.15	11.8	779	12.9	40,082	12.9
News analysts, reporters and correspondents	23.82	9.4	943	9.3	49,061	9.3
Reporters and correspondents	23.82	9.4	943	9.3	49,061	9.3

See footnotes at end of table.

RSE Table 16

Private industry establishments with 100 workers or more: Relative standard errors of mean hourly, weekly, and annual earnings by occupation for full-time workers — Continued

Occupation ¹	Hourly earnings ²		Weekly earnings ⁴		Annual earnings ⁵	
	Mean	Relative error ³	Mean	Relative error ³	Mean	Relative error ³
Arts, design, entertainment, sports, and media occupations –Continued						
Public relations specialists	\$38.38	21.3%	\$1,525	21.6%	\$79,282	21.6%
Writers and editors	26.00	4.8	1,037	5.1	53,902	5.1
Editors	23.37	8.3	929	9.3	48,331	9.3
Technical writers	28.92	5.5	1,154	5.5	59,998	5.5
Healthcare practitioner and technical occupations						
Pharmacists	26.89	3.2	1,057	3.1	54,930	3.1
Physicians and surgeons	49.63	5.0	1,962	4.9	102,046	4.9
Registered nurses	74.66	26.9	3,003	26.8	156,140	26.8
Therapists	29.11	1.4	1,126	1.5	58,556	1.5
Occupational therapists	29.01	4.7	1,150	4.7	59,820	4.7
Physical therapists	34.15	3.0	1,346	3.1	69,992	3.1
Respiratory therapists	32.61	7.3	1,304	7.3	67,830	7.3
Respiratory therapists	26.60	3.9	1,043	3.7	54,234	3.7
Clinical laboratory technologists and technicians	20.71	3.2	822	3.3	42,765	3.3
Medical and clinical laboratory technologists	24.17	2.3	962	2.1	50,029	2.1
Medical and clinical laboratory technicians	16.82	3.7	666	3.7	34,641	3.7
Diagnostic related technologists and technicians	26.63	2.9	1,051	2.9	54,636	2.9
Cardiovascular technologists and technicians	25.56	4.8	1,022	4.8	53,167	4.8
Nuclear medicine technologists	33.62	4.4	1,345	4.4	69,929	4.4
Radiologic technologists and technicians ..	24.87	3.8	972	3.8	50,548	3.8
Emergency medical technicians and paramedics	14.19	12.4	607	11.4	31,554	11.4
Health diagnosing and treating practitioner support technicians	16.78	5.9	655	6.4	34,074	6.4
Pharmacy technicians	14.36	4.4	572	4.5	29,761	4.5
Respiratory therapy technicians	24.67	7.4	904	6.9	46,990	6.9
Surgical technologists	19.77	9.1	790	9.1	41,086	9.1
Licensed practical and licensed vocational nurses	19.55	2.4	757	2.7	39,384	2.7
Medical records and health information technicians	20.17	6.0	803	6.1	41,754	6.1
Miscellaneous health technologists and technicians	18.55	6.2	742	6.2	38,591	6.2
Healthcare support occupations	12.14	1.3	471	1.7	24,502	1.7

See footnotes at end of table.

RSE Table 16

Private industry establishments with 100 workers or more: Relative standard errors of mean hourly, weekly, and annual earnings by occupation for full-time workers — Continued

Occupation ¹	Hourly earnings ²		Weekly earnings ⁴		Annual earnings ⁵	
	Mean	Relative error ³	Mean	Relative error ³	Mean	Relative error ³
Healthcare support occupations –Continued						
Nursing, psychiatric, and home health aides	\$11.38	1.4%	\$438	1.7%	\$22,768	1.7%
Home health aides	10.67	2.9	391	6.3	20,327	6.3
Nursing aides, orderlies, and attendants	11.46	1.7	443	1.6	23,035	1.6
Physical therapist assistants and aides	16.38	16.6	655	16.7	34,059	16.7
Physical therapist aides	16.29	17.2	652	17.2	33,892	17.2
Miscellaneous healthcare support occupations	13.86	2.5	550	2.6	28,620	2.6
Medical assistants	14.02	3.5	553	3.7	28,746	3.7
Medical equipment preparers	13.37	9.9	535	9.9	27,803	9.9
Medical transcriptionists	15.45	3.2	615	2.9	31,965	2.9
Protective service occupations	12.45	5.8	494	5.8	22,644	5.8
Security guards and gaming surveillance officers	11.64	3.8	461	3.8	23,932	3.8
Security guards	11.64	3.8	461	3.8	23,932	3.8
Food preparation and serving related occupations	9.64	3.3	373	3.9	19,234	3.9
First-line supervisors/managers, food preparation and serving workers	14.53	2.7	578	3.0	29,293	3.0
First-line supervisors/managers of food preparation and serving workers	14.54	3.2	578	3.6	29,139	3.6
Cooks	11.92	3.1	471	3.2	24,245	3.2
Cooks, institution and cafeteria	12.25	3.9	487	4.1	24,688	4.1
Cooks, restaurant	11.86	4.7	469	4.8	24,367	4.8
Food preparation workers	11.09	3.5	444	3.5	22,403	3.5
Food service, tipped	5.28	9.0	195	10.0	10,132	10.0
Waiters and waitresses	4.24	10.0	154	10.0	7,986	10.0
Dining room and cafeteria attendants and bartender helpers	8.68	9.6	341	10.0	17,722	10.0
Fast food and counter workers	10.57	4.5	418	4.8	21,664	4.8
Combined food preparation and serving workers, including fast food	10.52	4.9	416	5.2	21,536	5.2
Food servers, nonrestaurant	7.51	11.3	289	11.0	15,027	11.0
Dishwashers	9.76	6.1	378	5.3	19,350	5.3
Building and grounds cleaning and maintenance occupations	11.06	2.3	434	2.1	22,556	2.1
First-line supervisors/managers, building and grounds cleaning and maintenance workers	17.34	4.8	680	4.3	35,358	4.3

See footnotes at end of table.

RSE Table 16

Private industry establishments with 100 workers or more: Relative standard errors of mean hourly, weekly, and annual earnings by occupation for full-time workers — Continued

Occupation ¹	Hourly earnings ²		Weekly earnings ⁴		Annual earnings ⁵	
	Mean	Relative error ³	Mean	Relative error ³	Mean	Relative error ³
Building and grounds cleaning and maintenance occupations –Continued						
First-line supervisors/managers of housekeeping and janitorial workers ...	\$17.77	6.2%	\$698	5.7%	\$36,312	5.7%
Building cleaning workers	10.62	2.3	415	2.1	21,589	2.1
Janitors and cleaners, except maids and housekeeping cleaners	10.95	3.4	430	2.7	22,332	2.7
Maids and housekeeping cleaners	10.10	2.4	392	3.3	20,394	3.3
Grounds maintenance workers	10.93	3.1	436	2.9	22,583	2.9
Landscaping and groundskeeping workers	10.70	2.5	427	2.3	22,081	2.3
Personal care and service occupations	16.66	4.1	566	2.9	29,353	2.9
First-line supervisors/managers of personal service workers	16.85	12.3	767	15.5	39,899	15.5
Miscellaneous entertainment attendants and related workers	11.88	4.3	473	4.5	24,321	4.5
Amusement and recreation attendants	12.49	3.8	500	3.8	25,539	3.8
Baggage porters, bellhops, and concierges	11.35	15.8	435	18.2	22,617	18.2
Transportation attendants	44.28	1.1	858	1.2	44,624	1.2
Flight attendants	44.28	1.1	858	1.2	44,624	1.2
Personal and home care aides	10.60	2.1	424	2.1	22,054	2.1
Recreation and fitness workers	10.16	5.1	402	5.0	20,905	5.0
Recreation workers	10.16	5.1	402	5.0	20,905	5.0
Sales and related occupations	17.77	3.4	713	3.6	36,896	3.6
First-line supervisors/managers, sales workers	21.44	7.4	865	7.7	44,968	7.7
First-line supervisors/managers of retail sales workers	19.39	10.2	780	10.1	40,579	10.1
First-line supervisors/managers of non-retail sales workers	28.97	9.7	1,178	11.1	61,280	11.1
Retail sales workers	12.31	1.8	493	1.9	25,618	1.9
Cashiers, all workers	11.01	1.9	437	1.9	22,692	1.9
Cashiers	11.02	1.8	437	1.9	22,720	1.9
Counter and rental clerks and parts salespersons	16.74	15.0	685	16.1	35,627	16.1
Parts salespersons	17.11	18.9	705	20.2	36,651	20.2
Retail salespersons	12.97	2.6	522	2.8	27,142	2.8
Advertising sales agents	30.35	19.5	1,214	19.5	63,124	19.5
Sales representatives, wholesale and manufacturing	30.79	9.4	1,255	9.4	65,243	9.4

See footnotes at end of table.

RSE Table 16

Private industry establishments with 100 workers or more: Relative standard errors of mean hourly, weekly, and annual earnings by occupation for full-time workers — Continued

Occupation ¹	Hourly earnings ²		Weekly earnings ⁴		Annual earnings ⁵	
	Mean	Relative error ³	Mean	Relative error ³	Mean	Relative error ³
Sales and related occupations –Continued						
Sales representatives, wholesale and manufacturing, technical and scientific products	\$40.75	18.9%	\$1,625	18.8%	\$84,483	18.8%
Sales representatives, wholesale and manufacturing, except technical and scientific products	24.88	8.7	1,028	8.8	53,432	8.8
Telemarketers	14.40	7.3	568	7.6	29,510	7.6
Miscellaneous sales and related workers	18.45	11.2	749	12.1	36,076	12.1
Office and administrative support occupations						
First-line supervisors/managers of office and administrative support workers	16.24	1.6	646	1.6	33,563	1.6
Switchboard operators, including answering service	27.27	6.3	1,095	6.7	56,960	6.7
Financial clerks	11.33	6.2	453	6.2	23,562	6.2
Bill and account collectors	16.03	1.8	638	1.8	33,130	1.8
Billing and posting clerks and machine operators	15.41	2.7	615	2.6	31,997	2.6
Bookkeeping, accounting, and auditing clerks	16.14	4.2	641	4.1	33,313	4.1
Payroll and timekeeping clerks	16.25	3.1	645	3.1	33,414	3.1
Procurement clerks	18.07	4.4	723	4.4	37,593	4.4
Tellers	16.96	10.0	673	10.1	34,972	10.1
Credit authorizers, checkers, and clerks	13.39	2.3	536	2.3	27,847	2.3
Customer service representatives	18.69	10.8	748	10.8	38,882	10.8
File clerks	15.26	2.4	609	2.4	31,562	2.4
Hotel, motel, and resort desk clerks	12.98	7.0	517	7.1	26,877	7.1
Interviewers, except eligibility and loan	10.50	2.7	420	2.7	21,840	2.7
Loan interviewers and clerks	14.68	3.6	585	3.7	29,713	3.7
Order clerks	15.14	4.0	593	4.6	30,828	4.6
Human resources assistants, except payroll and timekeeping	17.74	7.1	704	7.1	36,607	7.1
Receptionists and information clerks	17.45	4.1	698	4.1	36,291	4.1
Reservation and transportation ticket agents and travel clerks	12.50	4.3	496	4.3	25,768	4.3
Dispatchers	15.48	6.3	619	6.3	32,205	6.3
Dispatchers, except police, fire, and ambulance	16.80	7.9	688	9.2	35,782	9.2
Production, planning, and expediting clerks	18.07	8.4	746	10.2	38,793	10.2
Shipping, receiving, and traffic clerks	19.22	3.8	768	3.8	39,911	3.8
Stock clerks and order fillers	13.18	3.4	527	3.3	27,380	3.3
	13.04	3.3	519	3.3	26,969	3.3

See footnotes at end of table.

RSE Table 16

Private industry establishments with 100 workers or more: Relative standard errors of mean hourly, weekly, and annual earnings by occupation for full-time workers — Continued

Occupation ¹	Hourly earnings ²		Weekly earnings ⁴		Annual earnings ⁵	
	Mean	Relative error ³	Mean	Relative error ³	Mean	Relative error ³
Office and administrative support occupations –Continued						
Weighers, measurers, checkers, and samplers, recordkeeping	\$14.79	8.3%	\$592	8.3%	\$30,773	8.3%
Secretaries and administrative assistants	19.92	4.1	786	4.1	40,820	4.1
Executive secretaries and administrative assistants	23.01	5.8	915	5.8	47,566	5.8
Legal secretaries	24.54	17.2	937	14.9	48,734	14.9
Medical secretaries	14.33	2.2	569	2.4	29,572	2.4
Secretaries, except legal, medical, and executive	16.96	4.4	664	3.7	34,297	3.7
Computer operators	18.28	11.9	723	12.2	37,598	12.2
Data entry and information processing workers	14.40	5.2	573	5.0	29,817	5.0
Data entry keyers	13.91	5.3	555	5.3	28,861	5.3
Insurance claims and policy processing clerks	16.14	3.9	639	4.3	33,205	4.3
Mail clerks and mail machine operators, except postal service	12.19	4.7	481	4.4	24,999	4.4
Office clerks, general	15.08	2.5	599	2.1	31,126	2.1
Farming, fishing, and forestry occupations ..	12.57	11.3	495	10.4	25,755	10.4
Construction and extraction occupations	19.03	4.3	763	4.3	39,623	4.3
First-line supervisors/managers of construction trades and extraction workers	27.36	7.4	1,123	7.1	58,417	7.1
Carpenters	18.57	5.2	743	5.2	38,635	5.2
Cement masons, concrete finishers, and terrazzo workers	15.20	8.9	608	8.9	31,549	8.9
Cement masons and concrete finishers	15.20	8.9	608	8.9	31,549	8.9
Construction laborers	12.45	3.7	498	3.7	25,857	3.7
Construction equipment operators	17.75	7.7	710	7.7	36,919	7.7
Operating engineers and other construction equipment operators	18.16	7.4	726	7.4	37,775	7.4
Electricians	25.23	7.2	1,006	7.2	52,291	7.2
Pipelayers, plumbers, pipefitters, and steamfitters	17.87	6.6	715	6.6	37,148	6.6
Plumbers, pipefitters, and steamfitters	18.45	7.7	738	7.7	38,371	7.7
Sheet metal workers	17.74	6.6	710	6.6	36,896	6.6
Helpers, construction trades	12.62	3.5	504	3.5	26,215	3.5
Helpers--electricians	13.15	3.3	526	3.3	27,359	3.3
Construction and building inspectors	22.06	6.5	892	6.4	46,358	6.4

See footnotes at end of table.

RSE Table 16

Private industry establishments with 100 workers or more: Relative standard errors of mean hourly, weekly, and annual earnings by occupation for full-time workers — Continued

Occupation ¹	Hourly earnings ²		Weekly earnings ⁴		Annual earnings ⁵	
	Mean	Relative error ³	Mean	Relative error ³	Mean	Relative error ³
Construction and extraction occupations –Continued						
Miscellaneous construction and related workers	\$18.97	12.3%	\$753	12.6%	\$39,170	12.6%
Installation, maintenance, and repair occupations	22.59	2.8	906	2.9	47,104	2.9
First-line supervisors/managers of mechanics, installers, and repairers	31.00	8.5	1,269	9.1	65,940	9.1
Radio and telecommunications equipment installers and repairers	29.24	2.7	1,170	2.7	60,816	2.7
Telecommunications equipment installers and repairers, except line installers	29.24	2.7	1,170	2.7	60,816	2.7
Miscellaneous electrical and electronic equipment mechanics, installers, and repairers	23.23	9.4	928	9.4	48,269	9.4
Electrical and electronics repairers, commercial and industrial equipment	21.16	9.9	846	9.9	44,015	9.9
Electrical and electronics repairers, powerhouse, substation, and relay	29.26	2.2	1,154	3.0	60,000	3.0
Aircraft mechanics and service technicians ..	28.71	5.7	1,148	5.7	59,716	5.7
Automotive technicians and repairers	18.10	9.3	744	10.0	38,708	10.0
Automotive service technicians and mechanics	18.48	10.4	762	11.0	39,610	11.0
Bus and truck mechanics and diesel engine specialists	19.91	5.6	796	5.6	41,406	5.6
Heating, air conditioning, and refrigeration mechanics and installers	22.30	8.0	892	8.0	46,379	8.0
Industrial machinery installation, repair, and maintenance workers	20.17	3.7	806	3.6	41,904	3.6
Industrial machinery mechanics	23.26	3.6	917	3.8	47,632	3.8
Maintenance and repair workers, general ..	18.08	5.7	721	5.7	37,500	5.7
Maintenance workers, machinery	17.67	7.5	737	5.5	38,269	5.5
Line installers and repairers	27.01	3.5	1,080	3.5	56,172	3.5
Electrical power-line installers and repairers	26.40	9.8	1,056	9.8	54,911	9.8
Miscellaneous installation, maintenance, and repair workers	16.47	7.8	659	7.8	34,263	7.8
Helpers--installation, maintenance, and repair workers	13.62	3.9	545	3.9	28,333	3.9
Production occupations	16.37	2.2	649	2.2	33,709	2.2

See footnotes at end of table.

RSE Table 16

Private industry establishments with 100 workers or more: Relative standard errors of mean hourly, weekly, and annual earnings by occupation for full-time workers — Continued

Occupation ¹	Hourly earnings ²		Weekly earnings ⁴		Annual earnings ⁵	
	Mean	Relative error ³	Mean	Relative error ³	Mean	Relative error ³
Production occupations –Continued						
First-line supervisors/managers of production and operating workers	\$27.78	7.6%	\$1,116	7.5%	\$57,998	7.5%
Aircraft structure, surfaces, rigging, and systems assemblers	23.51	4.2	940	4.2	48,899	4.2
Electrical, electronics, and electromechanical assemblers	13.89	5.0	552	5.1	28,685	5.1
Electrical and electronic equipment assemblers	13.63	6.0	545	6.0	28,349	6.0
Electromechanical equipment assemblers	14.60	5.8	584	5.8	30,360	5.8
Miscellaneous assemblers and fabricators	15.69	5.6	623	5.7	32,415	5.7
Butchers and other meat, poultry, and fish processing workers	10.85	3.6	434	3.6	22,568	3.6
Butchers and meat cutters	14.47	4.2	577	4.3	30,023	4.3
Meat, poultry, and fish cutters and trimmers	10.12	2.1	405	2.1	21,039	2.1
Miscellaneous food processing workers	12.03	15.2	481	15.2	25,025	15.2
Food batchmakers	15.20	5.4	608	5.4	31,622	5.4
Computer control programmers and operators	17.05	6.1	682	6.1	35,462	6.1
Computer-controlled machine tool operators, metal and plastic	17.05	6.1	682	6.1	35,462	6.1
Forming machine setters, operators, and tenders, metal and plastic	18.84	10.0	723	10.0	37,614	10.0
Extruding and drawing machine setters, operators, and tenders, metal and plastic	17.16	7.3	658	7.4	34,196	7.4
Rolling machine setters, operators, and tenders, metal and plastic	25.98	27.3	1,001	28.3	52,057	28.3
Machine tool cutting setters, operators, and tenders, metal and plastic	12.71	13.3	506	13.2	26,337	13.2
Cutting, punching, and press machine setters, operators, and tenders, metal and plastic	12.00	12.1	480	12.1	24,952	12.1
Grinding, lapping, polishing, and buffing machine tool setters, operators, and tenders, metal and plastic	13.74	4.7	538	5.4	27,959	5.4
Machinists	22.09	6.1	884	6.1	45,947	6.1
Multiple machine tool setters, operators, and tenders, metal and plastic	17.98	3.8	719	3.8	37,408	3.8
Tool and die makers	21.47	4.3	859	4.3	44,661	4.3
Welding, soldering, and brazing workers	20.32	7.1	803	7.2	41,657	7.2
Welders, cutters, solderers, and brazers	20.61	7.7	822	7.7	42,757	7.7

See footnotes at end of table.

RSE Table 16

Private industry establishments with 100 workers or more: Relative standard errors of mean hourly, weekly, and annual earnings by occupation for full-time workers — Continued

Occupation ¹	Hourly earnings ²		Weekly earnings ⁴		Annual earnings ⁵	
	Mean	Relative error ³	Mean	Relative error ³	Mean	Relative error ³
Production occupations –Continued						
Miscellaneous metalworkers and plastic workers	\$19.06	18.3%	\$744	18.5%	\$38,706	18.5%
Plating and coating machine setters, operators, and tenders, metal and plastic	22.32	20.6	893	20.6	46,422	20.6
Printers	18.16	10.9	710	10.0	36,881	10.0
Printing machine operators	18.92	9.8	736	8.7	38,210	8.7
Laundry and dry-cleaning workers	9.70	5.4	380	5.6	19,766	5.6
Sewing machine operators	13.57	10.1	537	10.7	27,913	10.7
Textile machine setters, operators, and tenders	14.04	6.3	558	6.7	29,000	6.7
Textile knitting and weaving machine setters, operators, and tenders	14.70	3.4	588	3.4	30,575	3.4
Textile winding, twisting, and drawing out machine setters, operators, and tenders	13.87	9.9	549	10.7	28,531	10.7
Miscellaneous textile, apparel, and furnishings workers	17.06	6.7	673	6.5	34,982	6.5
Extruding and forming machine setters, operators, and tenders, synthetic and glass fibers	17.32	10.9	681	11.6	35,436	11.6
Upholsterers	17.90	10.4	710	10.0	36,926	10.0
Woodworking machine setters, operators, and tenders	14.43	2.6	577	2.6	30,012	2.6
Woodworking machine setters, operators, and tenders, except sawing	14.86	2.0	594	2.0	30,903	2.0
Power plant operators, distributors, and dispatchers	32.18	7.2	1,275	7.6	66,318	7.6
Power plant operators	28.78	1.6	1,128	2.0	58,647	2.0
Miscellaneous plant and system operators	23.21	4.8	936	5.3	48,647	5.3
Chemical plant and system operators	23.12	5.7	936	6.3	48,691	6.3
Chemical processing machine setters, operators, and tenders	20.06	15.6	792	15.7	41,186	15.7
Chemical equipment operators and tenders	20.32	19.2	813	19.2	42,258	19.2
Crushing, grinding, polishing, mixing, and blending workers	18.03	10.5	712	10.4	37,047	10.4
Crushing, grinding, and polishing machine setters, operators, and tenders	19.55	18.5	782	18.5	40,663	18.5
Mixing and blending machine setters, operators, and tenders	19.05	8.0	745	8.1	38,723	8.1
Cutting workers	16.03	6.0	634	5.8	32,962	5.8
Cutting and slicing machine setters, operators, and tenders	15.46	8.0	616	7.9	32,037	7.9

See footnotes at end of table.

RSE Table 16

Private industry establishments with 100 workers or more: Relative standard errors of mean hourly, weekly, and annual earnings by occupation for full-time workers — Continued

Occupation ¹	Hourly earnings ²		Weekly earnings ⁴		Annual earnings ⁵	
	Mean	Relative error ³	Mean	Relative error ³	Mean	Relative error ³
Production occupations –Continued						
Extruding, forming, pressing, and compacting machine setters, operators, and tenders	\$20.19	13.8%	\$795	12.9%	\$41,320	12.9%
Inspectors, testers, sorters, samplers, and weighers	14.49	4.2	574	4.3	29,851	4.3
Packaging and filling machine operators and tenders	14.80	9.2	591	9.3	30,692	9.3
Painting workers	16.87	12.5	669	13.0	34,768	13.0
Coating, painting, and spraying machine setters, operators, and tenders	15.83	12.7	623	13.3	32,379	13.3
Miscellaneous production workers	15.43	5.2	610	5.3	31,671	5.3
Paper goods machine setters, operators, and tenders	22.64	10.6	905	10.6	47,084	10.6
Tire builders	19.88	12.8	795	12.8	41,354	12.8
Helpers--production workers	13.22	10.2	518	9.9	26,867	9.9
Transportation and material moving occupations						
First-line supervisors/managers of helpers, laborers, and material movers, hand	20.19	4.3	830	3.6	43,178	3.6
First-line supervisors/managers of transportation and material-moving machine and vehicle operators	28.94	6.3	1,238	6.4	64,372	6.4
Aircraft pilots and flight engineers	136.93	6.8	2,636	2.9	137,065	2.9
Airline pilots, copilots, and flight engineers	136.93	6.8	2,636	2.9	137,065	2.9
Driver/sales workers and truck drivers	20.95	4.4	868	4.6	45,144	4.6
Truck drivers, heavy and tractor-trailer	19.69	5.0	833	5.9	43,333	5.9
Truck drivers, light or delivery services	23.27	5.6	931	5.6	48,399	5.6
Parking lot attendants	8.08	6.9	323	6.9	16,812	6.9
Dredge, excavating, and loading machine operators	17.01	9.6	681	9.6	35,066	9.6
Excavating and loading machine and dragline operators	17.01	9.6	681	9.6	35,066	9.6
Industrial truck and tractor operators	15.59	3.5	629	4.0	32,480	4.0
Laborers and material movers, hand	12.14	2.9	484	3.0	25,159	3.0
Cleaners of vehicles and equipment	11.91	6.9	482	6.8	25,060	6.8
Laborers and freight, stock, and material movers, hand	12.85	3.3	512	3.3	26,619	3.3

See footnotes at end of table.

RSE Table 16

Private industry establishments with 100 workers or more: Relative standard errors of mean hourly, weekly, and annual earnings by occupation for full-time workers — Continued

Occupation ¹	Hourly earnings ²		Weekly earnings ⁴		Annual earnings ⁵	
	Mean	Relative error ³	Mean	Relative error ³	Mean	Relative error ³
Transportation and material moving occupations –Continued						
Machine feeders and offbearers	\$12.23	8.4%	\$488	8.4%	\$25,340	8.4%
Packers and packagers, hand	10.19	5.1	405	5.3	21,043	5.3

¹ The NCS uses the 2000 Standard Occupational Classification coding structure, which defines more than 800 unique occupations, to match jobs sampled by the survey. Military occupations are excluded from the survey.

² 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.

³ The relative standard error (RSE) is the standard error expressed as a percent of the estimate. It can be used to calculate a "confidence interval" around a sample estimate. For more information about RSEs, see chapter 8 of the BLS Handbook of

Methods, at http://www.bls.gov/opub/hom/homch8_a.htm.

⁴ Mean weekly earnings are the straight-time weekly wages or salaries paid to employees, exclusive of overtime.

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

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

SOURCE: Bureau of Labor Statistics, National Compensation Survey.