

RSE Table 16

Private industry establishments with 100 workers or more: Relative standard errors of mean hourly, weekly, and annual earnings 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	\$21.81	4.5%	\$867	4.5%	\$44,976	4.5%
Management occupations	43.52	3.7	1,783	3.8	92,616	3.8
General and operations managers	51.55	4.7	2,162	4.3	112,419	4.3
Advertising and promotions managers	22.83	26.9	963	32.1	50,072	32.1
Marketing and sales managers	46.46	6.0	1,898	6.1	98,688	6.1
Marketing managers	48.54	9.1	1,922	9.0	99,939	9.0
Sales managers	44.80	11.2	1,877	11.8	97,628	11.8
Public relations managers	77.90	21.1	3,085	20.2	160,429	20.2
Administrative services managers	31.63	9.7	1,265	9.7	65,782	9.7
Computer and information systems managers	52.00	4.5	2,157	4.5	112,151	4.5
Financial managers	44.04	6.6	1,790	7.0	93,061	7.0
Industrial production managers	38.33	11.6	1,561	12.9	81,195	12.9
Purchasing managers	58.40	21.9	2,376	21.4	123,534	21.4
Construction managers	39.40	2.6	1,628	2.6	84,681	2.6
Education administrators	34.40	11.1	1,371	10.6	69,188	10.6
Education administrators, elementary and secondary school	39.38	5.1	1,575	5.1	79,671	5.1
Education administrators, postsecondary ..	38.62	13.8	1,540	13.3	78,300	13.3
Engineering managers	50.55	5.6	2,088	3.9	108,552	3.9
Food service managers	21.11	17.5	938	17.3	48,790	17.3
Medical and health services managers	37.96	6.6	1,560	6.5	81,113	6.5
Social and community service managers	37.50	18.9	1,444	19.1	75,105	19.1
Business and financial operations occupations	33.47	3.7	1,344	3.9	69,878	3.9
Buyers and purchasing agents	26.00	9.4	1,045	9.6	54,329	9.6
Wholesale and retail buyers, except farm products	22.78	9.8	921	10.4	47,878	10.4
Purchasing agents, except wholesale, retail, and farm products	28.03	8.7	1,123	9.1	58,371	9.1
Claims adjusters, appraisers, examiners, and investigators	24.55	8.9	975	8.8	50,684	8.8
Claims adjusters, examiners, and investigators	24.55	8.9	975	8.8	50,684	8.8
Cost estimators	34.03	12.0	1,395	13.1	72,555	13.1
Human resources, training, and labor relations specialists	31.30	8.0	1,242	7.8	64,574	7.8
Employment, recruitment, and placement specialists	31.15	15.0	1,246	15.0	64,787	15.0
Compensation, benefits, and job analysis specialists	36.80	10.0	1,464	11.8	76,106	11.8
Training and development specialists	28.12	8.6	1,106	8.4	57,533	8.4

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 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	\$33.13	12.3%	\$1,325	12.3%	\$68,908	12.3%
Management analysts	39.31	8.5	1,573	8.5	81,817	8.5
Accountants and auditors	28.30	6.8	1,134	6.8	58,987	6.8
Budget analysts	38.51	6.6	1,618	7.8	84,113	7.8
Credit analysts	35.09	14.2	1,404	14.2	72,997	14.2
Financial analysts and advisors	35.88	18.2	1,430	18.4	74,343	18.4
Financial analysts	38.88	24.9	1,558	24.9	81,039	24.9
Insurance underwriters	26.35	21.8	1,032	21.8	53,653	21.8
Financial examiners	32.35	9.3	1,296	9.4	67,385	9.4
Loan counselors and officers	30.44	12.1	1,235	13.5	64,213	13.5
Loan officers	31.34	11.6	1,273	13.2	66,192	13.2
Computer and mathematical science occupations						
Computer and information scientists, research	37.59	2.9	1,506	3.0	78,295	3.0
Computer programmers	48.07	1.2	1,923	1.2	99,989	1.2
Computer software engineers	37.69	10.7	1,508	10.7	78,425	10.7
Computer software engineers, applications	41.02	3.5	1,643	3.5	85,436	3.5
Computer software engineers, systems software	41.95	6.8	1,682	6.9	87,445	6.9
Computer support specialists	39.56	5.7	1,583	5.7	82,291	5.7
Computer systems analysts	26.73	8.4	1,071	8.4	55,701	8.4
Database administrators	38.61	2.6	1,544	2.6	80,274	2.6
Network and computer systems administrators	40.72	18.9	1,629	18.9	84,701	18.9
Network systems and data communications analysts	39.05	8.4	1,584	8.3	82,387	8.3
Operations research analysts	37.84	6.5	1,514	6.5	78,703	6.5
Operations research analysts	41.13	6.9	1,627	7.4	84,612	7.4
Architecture and engineering occupations						
Engineers	34.63	2.4	1,396	2.3	72,577	2.3
Aerospace engineers	38.83	2.0	1,570	2.0	81,617	2.0
Chemical engineers	34.69	9.7	1,388	9.7	72,162	9.7
Civil engineers	43.48	5.2	1,739	5.2	90,430	5.2
Computer hardware engineers	34.08	5.5	1,393	5.1	72,421	5.1
Electrical and electronics engineers	44.62	6.4	1,785	6.4	92,810	6.4
Electrical engineers	39.45	2.8	1,591	2.5	82,735	2.5
Electronics engineers, except computer	39.95	4.6	1,626	4.1	84,545	4.1
Industrial engineers, including health and safety	38.96	1.4	1,558	1.4	81,032	1.4
Industrial engineers, including health and safety	39.80	9.4	1,611	8.8	83,760	8.8

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 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						
Industrial engineers	\$35.09	5.2%	\$1,428	4.9%	\$74,251	4.9%
Mechanical engineers	35.04	5.2	1,449	6.8	75,172	6.8
Drafters	23.27	7.8	931	7.8	48,392	7.8
Engineering technicians, except drafters	24.60	4.0	985	4.0	51,222	4.0
Electrical and electronic engineering technicians	24.76	4.8	990	4.8	51,473	4.8
Mechanical engineering technicians	19.39	3.3	789	3.6	41,024	3.6
Life, physical, and social science occupations	30.04	5.2	1,213	5.1	63,058	5.1
Life scientists	32.48	15.2	1,251	14.7	65,048	14.7
Biological scientists	29.01	17.0	1,127	15.5	58,593	15.5
Medical scientists	33.77	18.2	1,338	17.4	69,596	17.4
Physical scientists	40.33	26.0	1,782	23.7	92,689	23.7
Chemists and materials scientists	48.64	32.9	2,011	35.2	104,582	35.2
Chemists	48.64	32.9	2,011	35.2	104,582	35.2
Market and survey researchers	29.85	12.3	1,180	13.4	61,368	13.4
Market research analysts	29.85	12.3	1,180	13.4	61,368	13.4
Chemical technicians	21.63	4.4	864	4.3	44,788	4.3
Miscellaneous life, physical, and social science technicians	24.16	9.5	960	9.0	49,940	9.0
Community and social services occupations	16.02	7.8	635	8.1	32,979	8.1
Counselors	17.40	16.2	683	16.6	35,180	16.6
Educational, vocational, and school counselors	18.98	10.9	757	10.9	38,402	10.9
Social workers	19.35	5.6	769	5.3	39,970	5.3
Child, family, and school social workers ..	17.15	10.5	679	10.2	35,194	10.2
Medical and public health social workers ..	21.79	9.4	864	8.8	44,909	8.8
Mental health and substance abuse social workers	18.57	8.0	743	8.0	38,631	8.0
Miscellaneous community and social service specialists	10.63	8.6	421	9.6	21,899	9.6
Social and human service assistants	10.52	8.4	417	9.4	21,672	9.4
Legal occupations	49.39	9.0	1,998	10.0	103,885	10.0
Lawyers	60.00	6.7	2,460	7.4	127,923	7.4
Paralegals and legal assistants	23.12	13.8	907	12.3	47,165	12.3
Education, training, and library occupations	31.70	7.2	1,236	8.3	52,943	8.3
Postsecondary teachers	42.34	4.5	1,695	4.2	71,938	4.2
Business teachers, postsecondary	49.41	13.9	2,006	11.4	77,432	11.4

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 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
Education, training, and library occupations						
–Continued						
Math and computer teachers, postsecondary	\$46.65	15.8%	\$1,807	14.1%	\$79,707	14.1%
Life sciences teachers, postsecondary	43.21	11.6	1,781	9.4	80,893	9.4
Biological science teachers, postsecondary	43.21	11.6	1,781	9.4	80,893	9.4
Social sciences teachers, postsecondary	44.31	9.0	1,751	8.7	77,113	8.7
Psychology teachers, postsecondary	48.75	6.4	2,010	5.8	80,584	5.8
Health teachers, postsecondary	40.91	25.4	1,603	24.0	71,112	24.0
Arts, communications, and humanities teachers, postsecondary	37.32	10.5	1,505	9.5	60,028	9.5
Art, drama, and music teachers, postsecondary	29.13	12.3	1,176	12.4	51,221	12.4
English language and literature teachers, postsecondary	35.57	9.2	1,481	14.5	57,652	14.5
History teachers, postsecondary	30.35	2.9	1,308	6.6	51,838	6.6
Philosophy and religion teachers, postsecondary	42.19	20.7	1,723	14.8	67,195	14.8
Miscellaneous postsecondary teachers	32.33	10.1	1,277	10.1	60,995	10.1
Primary, secondary, and special education school teachers	27.22	9.1	1,046	10.5	41,195	10.5
Elementary and middle school teachers	29.45	3.1	1,133	3.1	42,630	3.1
Elementary school teachers, except special education	27.96	2.5	1,085	2.6	41,418	2.6
Middle school teachers, except special and vocational education	31.12	4.1	1,186	4.8	43,930	4.8
Secondary school teachers	30.04	5.6	1,185	4.3	44,555	4.3
Secondary school teachers, except special and vocational education	30.04	5.6	1,185	4.3	44,555	4.3
Other teachers and instructors	29.16	6.7	1,156	6.9	58,742	6.9
Librarians	25.30	5.1	965	6.1	43,879	6.1
Teacher assistants	9.67	7.3	354	10.3	17,676	10.3
Arts, design, entertainment, sports, and media occupations	26.37	5.9	1,044	5.4	54,135	5.4
Designers	23.02	8.8	922	8.1	47,936	8.1
Graphic designers	23.84	14.5	942	13.5	48,998	13.5
Actors, producers, and directors	20.67	12.0	814	11.4	42,316	11.4
Producers and directors	20.67	12.0	814	11.4	42,316	11.4
Athletes, coaches, umpires, and related workers	17.85	10.4	710	12.4	35,857	12.4
Coaches and scouts	17.75	16.1	704	18.7	34,989	18.7

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 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						
News analysts, reporters and correspondents	\$29.46	17.3%	\$1,143	15.8%	\$59,443	15.8%
Reporters and correspondents	29.46	17.3	1,143	15.8	59,443	15.8
Public relations specialists	29.62	1.6	1,185	1.6	61,613	1.6
Writers and editors	27.47	8.5	1,083	7.6	56,321	7.6
Editors	27.37	10.0	1,073	9.4	55,813	9.4
Technical writers	26.67	7.7	1,085	6.8	56,438	6.8
Healthcare practitioner and technical occupations						
Pharmacists	36.30	24.9	1,428	25.1	74,219	25.1
Registered nurses	48.45	1.0	1,902	1.9	98,885	1.9
Therapists	27.87	1.5	1,086	1.6	56,441	1.6
Occupational therapists	26.17	5.6	1,037	5.7	53,938	5.7
Physical therapists	29.92	3.5	1,188	4.0	61,794	4.0
Respiratory therapists	31.78	1.9	1,271	1.9	66,110	1.9
Clinical laboratory technologists and technicians	23.58	2.5	927	2.8	48,190	2.8
Medical and clinical laboratory technologists	19.55	3.6	775	3.8	40,289	3.8
Medical and clinical laboratory technicians	24.01	3.2	955	3.0	49,657	3.0
Medical and clinical laboratory technicians	15.18	2.1	600	2.1	31,175	2.1
Diagnostic related technologists and technicians	25.06	3.8	1,002	3.8	52,085	3.8
Cardiovascular technologists and technicians	24.03	7.6	961	7.6	49,974	7.6
Radiologic technologists and technicians ..	23.82	5.0	953	5.0	49,548	5.0
Health diagnosing and treating practitioner support technicians	17.73	10.7	706	10.6	36,722	10.6
Pharmacy technicians	14.22	4.5	567	4.6	29,465	4.6
Surgical technologists	20.42	14.4	816	14.4	42,455	14.4
Licensed practical and licensed vocational nurses	18.26	2.2	706	2.2	36,714	2.2
Medical records and health information technicians	18.08	7.0	717	6.8	37,281	6.8
Miscellaneous health technologists and technicians	17.54	8.8	701	8.8	36,475	8.8
Healthcare support occupations						
Nursing, psychiatric, and home health aides	11.65	1.8	453	2.4	23,547	2.4
Nursing aides, orderlies, and attendants	10.58	1.5	406	1.8	21,086	1.8
Physical therapist assistants and aides	10.64	1.9	413	1.7	21,461	1.7
	19.72	14.9	788	14.9	40,985	14.9

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 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						
Miscellaneous healthcare support occupations	\$13.11	2.2%	\$522	2.4%	\$27,122	2.4%
Medical assistants	13.36	2.3	531	2.4	27,595	2.4
Medical equipment preparers	11.99	7.8	480	7.8	24,936	7.8
Medical transcriptionists	14.14	2.0	564	1.9	29,308	1.9
Protective service occupations	11.63	3.7	455	4.8	23,609	4.8
Security guards and gaming surveillance officers	10.50	2.8	406	3.1	21,082	3.1
Security guards	10.47	2.9	405	3.3	21,021	3.3
Food preparation and serving related occupations						
First-line supervisors/managers, food preparation and serving workers	15.62	8.3	635	8.8	32,997	8.8
First-line supervisors/managers of food preparation and serving workers	15.49	8.6	627	9.1	32,619	9.1
Cooks	11.18	3.3	436	3.6	22,666	3.6
Cooks, institution and cafeteria	11.48	3.8	445	5.0	23,135	5.0
Cooks, restaurant	11.12	4.4	438	3.7	22,753	3.7
Cooks, short order	10.63	6.5	412	6.7	21,418	6.7
Food preparation workers	10.36	2.8	411	3.2	21,383	3.2
Food service, tipped	5.57	6.8	209	7.7	10,874	7.7
Bartenders	5.77	11.5	208	12.8	10,824	12.8
Waiters and waitresses	4.27	13.8	158	15.0	8,192	15.0
Dining room and cafeteria attendants and bartender helpers	7.91	10.9	313	10.7	16,275	10.7
Fast food and counter workers	10.10	6.3	400	6.4	20,691	6.4
Combined food preparation and serving workers, including fast food	9.78	6.2	387	6.3	19,958	6.3
Counter attendants, cafeteria, food concession, and coffee shop	11.50	6.8	460	6.8	23,927	6.8
Food servers, nonrestaurant	7.70	2.9	298	3.7	15,495	3.7
Dishwashers	9.72	9.2	376	7.8	19,532	7.8
Building and grounds cleaning and maintenance occupations						
First-line supervisors/managers, building and grounds cleaning and maintenance workers	16.30	12.4	637	10.3	33,127	10.3
First-line supervisors/managers of housekeeping and janitorial workers ...	15.51	18.9	599	15.3	31,133	15.3

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 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						
Building cleaning workers	\$10.04	4.0%	\$395	3.4%	\$20,544	3.4%
Janitors and cleaners, except maids and housekeeping cleaners	10.22	5.2	403	4.4	20,955	4.4
Maids and housekeeping cleaners	9.70	3.2	381	3.2	19,812	3.2
Grounds maintenance workers	10.16	5.3	405	5.2	20,950	5.2
Landscaping and groundskeeping workers	10.16	5.3	405	5.2	20,950	5.2
Personal care and service occupations	16.36	4.8	547	3.3	28,338	3.3
First-line supervisors/managers of personal service workers	16.19	12.2	718	14.8	37,346	14.8
Miscellaneous entertainment attendants and related workers	11.65	5.0	463	5.6	23,423	5.6
Amusement and recreation attendants	11.89	4.5	475	4.5	23,954	4.5
Baggage porters, bellhops, and concierges	7.94	18.8	296	21.3	15,375	21.3
Baggage porters and bellhops	5.43	6.0	196	10.5	10,213	10.5
Transportation attendants	41.15	2.4	806	2.6	41,920	2.6
Flight attendants	42.04	1.2	814	2.5	42,305	2.5
Child care workers	10.32	5.9	411	5.7	21,378	5.7
Personal and home care aides	10.29	2.2	411	2.2	21,390	2.2
Recreation and fitness workers	11.25	18.4	443	17.1	23,037	17.1
Recreation workers	11.25	18.4	443	17.1	23,037	17.1
Sales and related occupations	17.65	4.5	708	4.7	36,645	4.7
First-line supervisors/managers, sales workers	21.80	6.7	892	7.5	46,387	7.5
First-line supervisors/managers of retail sales workers	18.85	12.3	774	12.2	40,258	12.2
First-line supervisors/managers of non-retail sales workers	27.84	8.3	1,132	9.6	58,850	9.6
Retail sales workers	12.09	3.5	483	3.6	25,127	3.6
Cashiers, all workers	10.39	2.1	413	2.2	21,451	2.2
Cashiers	10.35	2.1	412	2.3	21,381	2.3
Counter and rental clerks and parts salespersons	17.42	8.4	712	8.3	37,044	8.3
Counter and rental clerks	12.48	13.2	482	10.6	25,070	10.6
Parts salespersons	21.37	7.2	917	7.2	47,680	7.2
Retail salespersons	12.64	4.4	506	4.7	26,307	4.7
Advertising sales agents	28.10	19.3	1,124	19.3	58,435	19.3
Insurance sales agents	19.46	12.3	774	12.2	40,254	12.2
Securities, commodities, and financial services sales agents	58.08	29.6	2,323	29.6	120,815	29.6

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 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	\$32.57	12.0%	\$1,327	11.5%	\$68,985	11.5%
Sales representatives, wholesale and manufacturing, technical and scientific products	33.53	22.2	1,341	22.2	69,735	22.2
Sales representatives, wholesale and manufacturing, except technical and scientific products	32.39	11.9	1,324	11.1	68,838	11.1
Telemarketers	14.46	10.5	565	10.6	29,387	10.6
Miscellaneous sales and related workers	18.22	13.7	724	13.5	35,337	13.5
Office and administrative support occupations						
First-line supervisors/managers of office and administrative support workers	15.35	1.7	612	1.7	31,803	1.7
Switchboard operators, including answering service	23.43	3.7	938	3.7	48,753	3.7
Telephone operators	11.07	6.2	443	6.2	23,024	6.2
Financial clerks	11.22	2.4	449	2.4	23,338	2.4
Bill and account collectors	14.51	3.6	579	3.6	30,087	3.6
Billing and posting clerks and machine operators	14.81	2.4	593	2.4	30,812	2.4
Bookkeeping, accounting, and auditing clerks	12.96	10.1	517	9.9	26,861	9.9
Payroll and timekeeping clerks	15.35	3.1	610	3.2	31,744	3.2
Procurement clerks	19.86	6.9	794	6.9	41,303	6.9
Tellers	16.15	10.4	646	10.4	33,602	10.4
Credit authorizers, checkers, and clerks	12.08	3.1	483	3.1	25,129	3.1
Customer service representatives	14.77	6.5	591	6.5	30,728	6.5
File clerks	14.83	4.6	593	4.6	30,786	4.6
Hotel, motel, and resort desk clerks	12.51	6.9	495	6.9	25,741	6.9
Interviewers, except eligibility and loan	9.83	2.4	393	2.4	20,438	2.4
Loan interviewers and clerks	12.52	4.8	501	4.8	26,037	4.8
Order clerks	19.11	12.0	763	12.1	39,697	12.1
Human resources assistants, except payroll and timekeeping	16.12	8.2	643	8.3	33,410	8.3
Receptionists and information clerks	16.87	5.5	675	5.5	35,079	5.5
Reservation and transportation ticket agents and travel clerks	12.28	4.1	489	4.3	25,393	4.3
Dispatchers	14.77	5.5	591	5.5	30,727	5.5
Dispatchers, except police, fire, and ambulance	15.87	13.1	641	14.0	33,307	14.0
	15.87	13.1	641	14.0	33,307	14.0

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 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						
Meter readers, utilities	\$16.65	8.1%	\$666	8.1%	\$34,639	8.1%
Production, planning, and expediting clerks	19.41	6.7	776	6.7	40,367	6.7
Shipping, receiving, and traffic clerks	12.58	4.1	502	4.1	26,126	4.1
Stock clerks and order fillers	11.93	5.3	476	5.4	24,715	5.4
Weighers, measurers, checkers, and samplers, recordkeeping	16.27	13.2	651	13.2	33,851	13.2
Secretaries and administrative assistants	18.85	4.8	748	4.8	38,856	4.8
Executive secretaries and administrative assistants	22.57	9.0	896	8.9	46,588	8.9
Legal secretaries	22.70	12.7	869	12.7	45,165	12.7
Medical secretaries	13.78	3.4	546	3.5	28,368	3.5
Secretaries, except legal, medical, and executive	16.16	4.2	644	4.2	33,476	4.2
Computer operators	16.33	7.2	653	7.2	33,970	7.2
Data entry and information processing workers	13.59	5.3	542	5.3	28,192	5.3
Data entry keyers	13.25	6.0	528	6.0	27,474	6.0
Word processors and typists	15.49	3.4	620	3.4	32,215	3.4
Insurance claims and policy processing clerks	15.94	4.0	628	4.3	32,630	4.3
Mail clerks and mail machine operators, except postal service	11.32	6.6	450	6.9	23,390	6.9
Office clerks, general	14.85	3.5	590	3.3	30,626	3.3
Farming, fishing, and forestry occupations ..	12.33	17.1	483	15.6	25,140	15.6
Construction and extraction occupations	18.27	3.9	731	3.9	37,967	3.9
First-line supervisors/managers of construction trades and extraction workers	25.24	9.6	1,028	10.8	53,459	10.8
Carpenters	18.24	4.9	729	4.9	37,919	4.9
Construction laborers	11.18	5.8	447	5.8	23,208	5.8
Construction equipment operators	16.09	11.5	644	11.5	33,473	11.5
Operating engineers and other construction equipment operators	16.64	12.9	666	12.9	34,608	12.9
Electricians	23.44	7.9	937	7.9	48,702	7.9
Pipelayers, plumbers, pipefitters, and steamfitters	16.79	6.4	672	6.4	34,895	6.4
Plumbers, pipefitters, and steamfitters	17.25	8.7	690	8.7	35,883	8.7
Helpers, construction trades	12.03	2.1	481	2.1	24,989	2.1
Helpers--electricians	12.20	2.1	488	2.1	25,373	2.1

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 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	\$16.39	14.7%	\$652	15.0%	\$33,896	15.0%
Installation, maintenance, and repair occupations	21.19	3.0	849	3.1	44,159	3.1
First-line supervisors/managers of mechanics, installers, and repairers	30.42	6.9	1,246	8.2	64,741	8.2
Radio and telecommunications equipment installers and repairers	27.34	1.7	1,093	1.7	56,860	1.7
Telecommunications equipment installers and repairers, except line installers	27.34	1.7	1,093	1.7	56,860	1.7
Miscellaneous electrical and electronic equipment mechanics, installers, and repairers	20.00	11.8	800	11.8	41,576	11.8
Electrical and electronics repairers, commercial and industrial equipment	21.28	14.0	851	13.9	44,243	13.9
Aircraft mechanics and service technicians ..	28.08	4.8	1,123	4.8	58,414	4.8
Automotive technicians and repairers	19.32	9.3	794	9.6	41,280	9.6
Automotive service technicians and mechanics	20.30	9.7	841	9.4	43,752	9.4
Bus and truck mechanics and diesel engine specialists	18.60	9.8	744	9.8	38,695	9.8
Heavy vehicle and mobile equipment service technicians and mechanics	20.46	4.6	818	4.6	42,511	4.6
Mobile heavy equipment mechanics, except engines	20.46	4.6	818	4.6	42,511	4.6
Heating, air conditioning, and refrigeration mechanics and installers	21.55	13.2	862	13.2	44,828	13.2
Industrial machinery installation, repair, and maintenance workers	20.11	3.8	803	3.7	41,742	3.7
Industrial machinery mechanics	21.57	5.9	855	5.9	44,372	5.9
Maintenance and repair workers, general ..	18.23	8.7	729	8.7	37,920	8.7
Maintenance workers, machinery	18.46	4.9	758	3.7	39,405	3.7
Millwrights	21.43	7.4	857	7.4	44,585	7.4
Line installers and repairers	23.35	6.3	934	6.3	48,576	6.3
Electrical power-line installers and repairers	21.78	9.1	871	9.1	45,293	9.1
Telecommunications line installers and repairers	25.09	5.0	1,004	5.0	52,184	5.0
Precision instrument and equipment repairers	17.91	8.4	716	8.4	37,248	8.4

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 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
Installation, maintenance, and repair occupations –Continued						
Miscellaneous installation, maintenance, and repair workers	\$15.31	10.1%	\$612	10.1%	\$31,835	10.1%
Helpers--installation, maintenance, and repair workers	12.60	4.1	504	4.1	26,203	4.1
Production occupations	15.47	2.9	615	3.0	31,959	3.0
First-line supervisors/managers of production and operating workers	25.33	5.9	1,014	5.9	52,718	5.9
Electrical, electronics, and electromechanical assemblers	12.77	6.0	506	6.7	26,289	6.7
Electrical and electronic equipment assemblers	12.56	7.6	502	7.6	26,121	7.6
Electromechanical equipment assemblers	13.31	6.9	533	6.9	27,695	6.9
Miscellaneous assemblers and fabricators	14.16	4.9	563	5.0	29,298	5.0
Butchers and other meat, poultry, and fish processing workers	10.42	5.1	417	5.1	21,674	5.1
Butchers and meat cutters	13.90	5.4	556	5.4	28,917	5.4
Meat, poultry, and fish cutters and trimmers	9.45	3.2	378	3.2	19,663	3.2
Miscellaneous food processing workers	11.42	13.2	457	13.2	23,757	13.2
Computer control programmers and operators	16.50	7.3	660	7.3	34,321	7.3
Computer-controlled machine tool operators, metal and plastic	16.27	6.5	651	6.5	33,835	6.5
Forming machine setters, operators, and tenders, metal and plastic	16.97	12.3	654	12.4	33,926	12.4
Extruding and drawing machine setters, operators, and tenders, metal and plastic	14.96	6.4	572	4.2	29,738	4.2
Machine tool cutting setters, operators, and tenders, metal and plastic	12.10	16.2	482	16.1	25,082	16.1
Cutting, punching, and press machine setters, operators, and tenders, metal and plastic	11.28	15.5	451	15.5	23,469	15.5
Grinding, lapping, polishing, and buffing machine tool setters, operators, and tenders, metal and plastic	14.54	13.0	567	13.7	29,464	13.7
Machinists	19.98	5.8	799	5.8	41,564	5.8
Molders and molding machine setters, operators, and tenders, metal and plastic	12.83	7.0	513	7.0	26,687	7.0

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 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						
Molding, coremaking, and casting machine setters, operators, and tenders, metal and plastic	\$12.80	7.2%	\$512	7.2%	\$26,633	7.2%
Multiple machine tool setters, operators, and tenders, metal and plastic	16.95	4.9	678	4.9	35,254	4.9
Tool and die makers	21.23	9.3	849	9.3	44,157	9.3
Welding, soldering, and brazing workers	18.83	6.5	743	6.6	38,553	6.6
Welders, cutters, solderers, and brazers	19.44	7.0	775	7.1	40,325	7.1
Welding, soldering, and brazing machine setters, operators, and tenders	16.08	6.7	604	6.7	31,049	6.7
Miscellaneous metalworkers and plastic workers	17.15	17.2	695	17.5	35,982	17.5
Heat treating equipment setters, operators, and tenders, metal and plastic	11.70	31.6	467	31.5	24,274	31.5
Plating and coating machine setters, operators, and tenders, metal and plastic	20.82	20.1	837	20.4	43,352	20.4
Printers	17.58	7.0	691	6.1	35,861	6.1
Prepress technicians and workers	17.36	11.6	682	11.3	35,450	11.3
Printing machine operators	17.92	7.1	704	6.0	36,527	6.0
Laundry and dry-cleaning workers	10.59	9.4	409	10.4	21,283	10.4
Sewing machine operators	12.91	10.6	514	10.9	26,739	10.9
Textile machine setters, operators, and tenders	12.56	5.2	500	5.5	25,989	5.5
Textile cutting machine setters, operators, and tenders	13.31	20.5	532	20.5	27,682	20.5
Textile knitting and weaving machine setters, operators, and tenders	12.66	1.6	506	1.6	26,324	1.6
Textile winding, twisting, and drawing out machine setters, operators, and tenders	12.40	7.5	492	8.0	25,572	8.0
Miscellaneous textile, apparel, and furnishings workers	14.89	7.6	591	7.6	30,636	7.6
Extruding and forming machine setters, operators, and tenders, synthetic and glass fibers	16.26	12.1	640	12.8	33,271	12.8
Upholsterers	17.62	13.6	703	13.4	36,540	13.4
Woodworking machine setters, operators, and tenders	13.56	2.1	541	2.0	28,123	2.0
Sawing machine setters, operators, and tenders, wood	13.06	3.4	521	3.2	27,083	3.2
Woodworking machine setters, operators, and tenders, except sawing	13.94	.3	556	.5	28,915	.5

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 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						
Power plant operators, distributors, and dispatchers	\$26.97	21.6%	\$1,079	21.6%	\$56,088	21.6%
Power plant operators	21.34	16.1	854	16.1	44,394	16.1
Miscellaneous plant and system operators	21.99	5.1	874	4.7	45,431	4.7
Chemical plant and system operators	22.65	6.6	896	6.3	46,600	6.3
Chemical processing machine setters, operators, and tenders	18.75	14.2	750	14.2	39,008	14.2
Chemical equipment operators and tenders	18.99	16.6	760	16.6	39,498	16.6
Crushing, grinding, polishing, mixing, and blending workers	17.71	9.3	696	9.5	36,186	9.5
Grinding and polishing workers, hand	12.35	3.6	494	3.6	25,697	3.6
Mixing and blending machine setters, operators, and tenders	18.09	7.0	706	7.0	36,687	7.0
Cutting workers	15.18	9.4	607	9.4	31,584	9.4
Cutters and trimmers, hand	16.59	12.7	663	12.7	34,499	12.7
Cutting and slicing machine setters, operators, and tenders	14.48	11.4	579	11.4	30,121	11.4
Extruding, forming, pressing, and compacting machine setters, operators, and tenders	13.37	36.3	530	35.1	27,564	35.1
Furnace, kiln, oven, drier, and kettle operators and tenders	19.28	17.6	771	17.6	40,112	17.6
Inspectors, testers, sorters, samplers, and weighers	15.25	4.3	607	4.5	31,572	4.5
Packaging and filling machine operators and tenders	14.01	9.2	560	9.2	29,134	9.2
Painting workers	17.28	11.4	691	11.4	35,953	11.4
Coating, painting, and spraying machine setters, operators, and tenders	17.01	9.7	680	9.7	35,384	9.7
Painters, transportation equipment	20.14	13.3	806	13.3	41,898	13.3
Miscellaneous production workers	14.79	6.2	586	6.4	30,434	6.4
Molders, shapers, and casters, except metal and plastic	16.05	4.1	642	4.1	33,392	4.1
Paper goods machine setters, operators, and tenders	21.99	8.3	880	8.3	45,747	8.3
Helpers--production workers	11.58	6.7	455	6.4	23,610	6.4
Transportation and material moving occupations	15.78	4.2	631	3.9	32,786	3.9
First-line supervisors/managers of helpers, laborers, and material movers, hand	21.31	8.1	906	7.1	47,102	7.1

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 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						
First-line supervisors/managers of transportation and material-moving machine and vehicle operators	\$23.50	6.2%	\$953	7.0%	\$49,555	7.0%
Aircraft pilots and flight engineers	128.18	9.9	2,507	4.7	130,382	4.7
Airline pilots, copilots, and flight engineers	128.18	9.9	2,507	4.7	130,382	4.7
Bus drivers	10.81	12.8	421	13.9	21,848	13.9
Driver/sales workers and truck drivers	18.14	4.2	771	3.5	40,091	3.5
Driver/sales workers	17.34	18.0	732	16.7	38,083	16.7
Truck drivers, heavy and tractor-trailer	17.85	4.6	789	3.9	41,040	3.9
Truck drivers, light or delivery services	18.67	9.7	747	9.7	38,832	9.7
Crane and tower operators	19.80	4.2	785	4.1	40,833	4.1
Industrial truck and tractor operators	14.49	4.5	579	4.5	30,103	4.5
Laborers and material movers, hand	11.23	2.5	447	2.5	23,235	2.5
Cleaners of vehicles and equipment	10.69	6.1	432	6.1	22,483	6.1
Laborers and freight, stock, and material movers, hand	11.71	3.8	467	3.8	24,251	3.8
Machine feeders and offbearers	11.23	6.1	449	6.2	23,355	6.2
Packers and packagers, hand	9.81	5.8	387	6.7	20,086	6.7

¹ A classification system including about 800 individual occupations is used to cover all workers in the civilian economy. See appendix B for more information.

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 appendix A.

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

⁵ 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.