

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	\$28.82	1.5%	\$1,134	1.6%	\$58,580	1.6%
Management occupations	50.88	3.3	2,010	3.7	104,435	3.7
General and operations managers	70.30	8.2	2,901	11.5	150,848	11.5
Marketing and sales managers	56.41	11.3	2,248	11.4	116,917	11.4
Marketing managers	64.61	8.4	2,619	8.3	136,194	8.3
Sales managers	38.15	8.9	1,466	10.8	76,233	10.8
Administrative services managers	41.77	7.6	1,692	7.3	88,003	7.3
Computer and information systems managers	57.97	3.4	2,275	3.2	118,276	3.2
Financial managers	58.37	5.3	2,375	8.1	123,525	8.1
Human resources managers	54.19	12.4	2,126	13.5	110,547	13.5
Purchasing managers	45.41	12.7	1,751	14.1	91,055	14.1
Construction managers	39.06	10.6	1,610	12.2	83,715	12.2
Education administrators	42.60	3.8	1,542	2.9	79,406	2.9
Education administrators, postsecondary ..	42.78	4.2	1,541	3.3	79,349	3.3
Engineering managers	55.20	3.1	2,245	2.6	116,755	2.6
Medical and health services managers	48.05	3.7	1,895	4.6	98,556	4.6
Social and community service managers	28.55	9.3	1,142	9.3	59,381	9.3
Business and financial operations occupations	34.48	2.3	1,368	3.7	71,132	3.7
Buyers and purchasing agents	33.03	8.6	1,318	8.5	68,545	8.5
Purchasing agents, except wholesale, retail, and farm products	34.08	9.7	1,360	9.8	70,736	9.8
Claims adjusters, appraisers, examiners, and investigators	28.48	6.1	1,101	7.3	57,244	7.3
Claims adjusters, examiners, and investigators	28.36	6.8	1,099	7.8	57,144	7.8
Compliance officers, except agriculture, construction, health and safety, and transportation	25.14	10.1	999	10.2	51,931	10.2
Human resources, training, and labor relations specialists	27.67	8.1	1,058	11.4	55,014	11.4
Compensation, benefits, and job analysis specialists	28.60	4.2	1,126	4.7	58,538	4.7
Training and development specialists	28.95	9.7	1,160	9.0	60,304	9.0
Logisticians	32.76	9.1	1,310	9.1	68,136	9.1
Management analysts	41.39	5.1	1,638	5.4	85,167	5.4
Accountants and auditors	26.94	3.5	1,041	3.6	54,149	3.6
Financial analysts and advisors	41.62	13.3	1,744	9.9	90,672	9.9
Financial analysts	42.79	13.4	1,862	3.4	96,813	3.4
Insurance underwriters	54.36	25.2	2,052	27.7	106,698	27.7

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
Computer and mathematical science occupations	\$40.57	2.0%	\$1,601	2.3%	\$82,944	2.3%
Computer programmers	33.34	5.7	1,308	6.0	68,010	6.0
Computer software engineers	47.15	3.0	1,878	3.0	97,655	3.0
Computer software engineers, applications	44.19	5.0	1,763	5.0	91,701	5.0
Computer software engineers, systems software	49.13	3.3	1,955	3.4	101,644	3.4
Computer support specialists	30.07	5.7	1,176	5.9	61,141	5.9
Computer systems analysts	39.91	5.7	1,570	6.0	81,622	6.0
Network and computer systems administrators	43.61	3.5	1,750	4.3	91,015	4.3
Network systems and data communications analysts	34.84	6.1	1,370	4.9	71,243	4.9
Actuaries	48.20	11.7	1,873	11.6	97,411	11.6
Architecture and engineering occupations	40.89	2.4	1,675	2.8	87,094	2.8
Engineers	46.13	2.9	1,885	2.9	98,003	2.9
Aerospace engineers	49.35	4.4	2,049	3.8	106,541	3.8
Electrical and electronics engineers	45.85	2.1	1,903	1.3	98,969	1.3
Electrical engineers	41.93	6.5	1,749	3.9	90,947	3.9
Electronics engineers, except computer	47.78	2.5	1,979	.9	102,896	.9
Industrial engineers, including health and safety	38.63	7.1	1,589	7.2	82,653	7.2
Industrial engineers	39.84	7.2	1,645	7.0	85,532	7.0
Mechanical engineers	43.57	6.7	1,755	6.8	91,237	6.8
Drafters	29.45	6.4	1,178	6.4	61,261	6.4
Engineering technicians, except drafters	27.47	4.6	1,101	4.6	57,240	4.6
Electrical and electronic engineering technicians	31.16	8.6	1,253	9.2	65,135	9.2
Life, physical, and social science occupations	35.75	21.9	1,411	22.1	73,202	22.1
Biological scientists	42.76	8.8	1,695	9.9	88,134	9.9
Biochemists and biophysicists	45.20	14.8	1,782	15.9	92,649	15.9
Physical scientists	48.37	17.4	1,951	18.4	101,469	18.4
Chemists and materials scientists	52.98	9.7	2,143	10.8	111,417	10.8
Market and survey researchers	53.31	27.2	2,072	26.9	107,722	26.9
Market research analysts	53.31	27.2	2,072	26.9	107,722	26.9
Community and social services occupations	18.07	10.1	719	9.9	37,379	9.9
Counselors	15.17	13.9	601	12.5	31,239	12.5
Social workers	19.68	6.9	787	6.9	40,890	6.9
Medical and public health social workers	26.26	7.5	1,050	7.5	54,616	7.5

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 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
Community and social services occupations –Continued						
Mental health and substance abuse social workers	\$18.99	7.2%	\$759	7.2%	\$39,494	7.2%
Legal occupations	59.70	11.8	2,340	13.5	121,679	13.5
Lawyers	80.64	6.9	3,226	6.9	167,737	6.9
Education, training, and library occupations	43.85	5.1	1,671	6.0	72,674	6.0
Postsecondary teachers	54.93	5.6	2,094	5.9	88,990	5.9
Math and computer teachers, postsecondary	58.79	9.1	2,194	8.5	83,550	8.5
Mathematical science teachers, postsecondary	61.21	11.3	2,327	9.5	88,002	9.5
Life sciences teachers, postsecondary	50.38	7.1	2,196	3.8	107,294	3.8
Biological science teachers, postsecondary	50.38	7.1	2,196	3.8	107,294	3.8
Physical sciences teachers, postsecondary	67.23	9.7	2,598	9.0	115,370	9.0
Social sciences teachers, postsecondary	58.60	6.8	2,156	4.0	95,560	4.0
Arts, communications, and humanities teachers, postsecondary	51.63	18.9	1,820	17.7	67,906	17.7
Miscellaneous postsecondary teachers	47.35	9.7	1,749	8.8	72,243	8.8
Primary, secondary, and special education school teachers	31.00	19.0	1,228	17.7	49,766	17.7
Secondary school teachers	35.80	6.6	1,440	6.9	54,342	6.9
Secondary school teachers, except special and vocational education	35.80	6.6	1,440	6.9	54,342	6.9
Librarians	24.98	4.7	976	3.9	50,200	3.9
Arts, design, entertainment, sports, and media occupations	30.79	7.4	1,193	6.6	61,976	6.6
Designers	29.08	7.4	1,134	6.7	58,976	6.7
Athletes, coaches, umpires, and related workers	30.59	6.0	1,180	4.1	59,619	4.1
Writers and editors	38.13	2.2	1,451	2.6	75,457	2.6
Editors	36.30	9.0	1,357	7.7	70,588	7.7
Healthcare practitioner and technical occupations	33.27	3.0	1,281	3.3	66,529	3.3
Pharmacists	50.71	2.5	1,996	3.3	103,773	3.3
Physicians and surgeons	57.98	20.5	2,339	20.6	121,617	20.6
Registered nurses	36.86	3.4	1,364	3.5	70,890	3.5
Therapists	32.93	7.3	1,299	7.5	67,559	7.5

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 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 practitioner and technical occupations –Continued						
Physical therapists	\$31.13	7.4%	\$1,245	7.4%	\$64,748	7.4%
Clinical laboratory technologists and technicians	22.33	8.7	882	8.9	45,858	8.9
Medical and clinical laboratory technologists	24.12	15.6	965	15.6	50,166	15.6
Medical and clinical laboratory technicians	19.60	6.9	760	5.6	39,506	5.6
Health diagnosing and treating practitioner support technicians	20.34	9.8	808	9.9	41,874	9.9
Licensed practical and licensed vocational nurses	25.69	3.6	1,009	4.1	52,454	4.1
Medical records and health information technicians	16.47	4.6	628	6.1	32,669	6.1
Healthcare support occupations	15.01	2.8	583	3.3	30,292	3.3
Nursing, psychiatric, and home health aides	14.25	1.6	552	2.2	28,682	2.2
Nursing aides, orderlies, and attendants	14.46	1.7	562	1.9	29,239	1.9
Psychiatric aides	14.30	9.9	542	7.3	28,164	7.3
Miscellaneous healthcare support occupations	17.14	6.3	670	6.2	34,840	6.2
Medical assistants	18.74	14.0	749	14.0	38,971	14.0
Medical transcriptionists	15.49	6.3	598	6.1	31,071	6.1
Protective service occupations	16.23	2.8	649	2.9	33,729	2.9
Security guards and gaming surveillance officers	15.26	3.1	610	3.1	31,713	3.1
Security guards	15.26	3.1	610	3.1	31,713	3.1
Food preparation and serving related occupations	14.36	3.3	562	3.6	28,627	3.6
First-line supervisors/managers, food preparation and serving workers	16.02	10.2	644	10.0	32,618	10.0
First-line supervisors/managers of food preparation and serving workers	15.65	11.7	630	11.4	31,802	11.4
Cooks	15.55	4.5	591	5.8	30,536	5.8
Cooks, institution and cafeteria	15.84	5.3	595	8.0	30,688	8.0
Fast food and counter workers	14.96	3.4	578	4.9	28,938	4.9
Building and grounds cleaning and maintenance occupations	13.84	3.5	548	3.3	28,496	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
Building and grounds cleaning and maintenance occupations –Continued						
First-line supervisors/managers, building and grounds cleaning and maintenance workers	\$18.50	8.2%	\$740	8.2%	\$38,486	8.2%
Building cleaning workers	13.23	2.5	524	2.5	27,243	2.5
Janitors and cleaners, except maids and housekeeping cleaners	13.75	2.9	546	2.9	28,372	2.9
Maids and housekeeping cleaners	12.10	4.3	476	4.8	24,762	4.8
Grounds maintenance workers	16.32	11.0	644	11.1	33,465	11.1
Landscaping and groundskeeping workers	16.32	11.0	644	11.1	33,465	11.1
Personal care and service occupations	20.92	12.9	636	10.5	31,477	10.5
Sales and related occupations	24.03	7.2	950	7.0	49,311	7.0
First-line supervisors/managers, sales workers	20.87	13.8	843	16.0	43,828	16.0
First-line supervisors/managers of retail sales workers	20.22	15.8	818	18.3	42,531	18.3
Retail sales workers	13.18	4.2	517	3.6	26,765	3.6
Cashiers, all workers	11.74	3.3	461	2.7	23,575	2.7
Cashiers	11.74	3.3	461	2.7	23,575	2.7
Retail salespersons	13.75	6.0	540	5.1	28,055	5.1
Securities, commodities, and financial services sales agents	73.60	12.6	2,833	11.7	147,337	11.7
Sales representatives, wholesale and manufacturing	34.44	7.4	1,378	7.4	71,640	7.4
Sales representatives, wholesale and manufacturing, technical and scientific products	39.34	9.0	1,573	9.0	81,821	9.0
Miscellaneous sales and related workers	27.70	26.5	1,102	26.3	57,329	26.3
Office and administrative support occupations	18.70	1.8	734	1.9	38,100	1.9
First-line supervisors/managers of office and administrative support workers	25.46	11.9	1,014	13.2	52,733	13.2
Financial clerks	19.30	5.3	757	5.4	39,369	5.4
Billing and posting clerks and machine operators	15.85	6.0	631	5.6	32,831	5.6
Bookkeeping, accounting, and auditing clerks	20.17	7.2	777	5.4	40,383	5.4
Payroll and timekeeping clerks	22.04	6.6	865	7.7	44,985	7.7
Tellers	13.04	7.7	521	7.7	27,118	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
Office and administrative support occupations –Continued						
Brokerage clerks	\$19.76	4.9%	\$780	4.3%	\$40,556	4.3%
Customer service representatives	19.71	6.7	771	6.4	40,101	6.4
Receptionists and information clerks	13.85	8.8	540	10.5	28,080	10.5
Reservation and transportation ticket agents and travel clerks	16.34	9.8	640	11.3	33,263	11.3
Production, planning, and expediting clerks	23.41	5.0	931	4.9	48,400	4.9
Shipping, receiving, and traffic clerks	14.53	4.6	581	4.6	30,224	4.6
Stock clerks and order fillers	14.18	6.2	563	6.2	29,299	6.2
Secretaries and administrative assistants	20.45	2.4	798	2.5	41,202	2.5
Executive secretaries and administrative assistants	24.05	3.7	945	3.9	49,139	3.9
Medical secretaries	17.13	1.8	675	1.7	35,077	1.7
Secretaries, except legal, medical, and executive	19.45	5.1	739	4.7	37,486	4.7
Data entry and information processing workers	13.74	9.5	538	10.4	27,951	10.4
Data entry keyers	13.01	8.1	511	9.5	26,592	9.5
Insurance claims and policy processing clerks	18.50	4.6	717	4.4	37,272	4.4
Mail clerks and mail machine operators, except postal service	15.27	3.3	597	5.2	31,030	5.2
Office clerks, general	17.64	3.6	687	3.1	35,738	3.1
Construction and extraction occupations	31.24	6.9	1,249	6.9	64,961	6.9
Electricians	30.66	13.0	1,227	13.0	63,781	13.0
Pipelayers, plumbers, pipefitters, and steamfitters	32.78	8.4	1,310	8.4	68,109	8.4
Plumbers, pipefitters, and steamfitters	32.78	8.4	1,310	8.4	68,109	8.4
Installation, maintenance, and repair occupations	27.77	2.5	1,115	2.7	57,971	2.7
First-line supervisors/managers of mechanics, installers, and repairers	36.84	10.7	1,561	15.6	81,193	15.6
Aircraft mechanics and service technicians ..	31.91	4.1	1,276	4.1	66,370	4.1
Industrial machinery installation, repair, and maintenance workers	21.77	4.8	861	5.3	44,785	5.3
Industrial machinery mechanics	23.75	7.2	938	6.6	48,788	6.6
Maintenance and repair workers, general ..	21.38	5.1	844	6.0	43,892	6.0
Line installers and repairers	27.31	10.5	1,092	10.5	56,795	10.5
Telecommunications line installers and repairers	26.05	17.8	1,042	17.8	54,190	17.8

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 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	\$16.36	7.1%	\$654	7.1%	\$34,005	7.1%
First-line supervisors/managers of production and operating workers	27.22	6.4	1,091	6.3	56,751	6.3
Electrical, electronics, and electromechanical assemblers	15.05	7.9	602	7.9	31,305	7.9
Electromechanical equipment assemblers	14.14	3.8	566	3.8	29,415	3.8
Miscellaneous assemblers and fabricators	13.76	7.0	547	7.2	28,425	7.2
Computer control programmers and operators	20.98	5.7	839	5.7	43,646	5.7
Computer-controlled machine tool operators, metal and plastic	20.80	6.4	832	6.4	43,262	6.4
Machine tool cutting setters, operators, and tenders, metal and plastic	20.36	9.3	815	9.3	42,354	9.3
Cutting, punching, and press machine setters, operators, and tenders, metal and plastic	16.34	5.9	654	5.9	33,995	5.9
Grinding, lapping, polishing, and buffing machine tool setters, operators, and tenders, metal and plastic	19.61	9.1	784	9.1	40,793	9.1
Lathe and turning machine tool setters, operators, and tenders, metal and plastic	23.09	20.0	924	20.0	48,026	20.0
Machinists	24.24	3.0	970	3.0	50,417	3.0
Molders and molding machine setters, operators, and tenders, metal and plastic	14.24	7.6	570	7.6	29,628	7.6
Molding, coremaking, and casting machine setters, operators, and tenders, metal and plastic	14.24	7.6	570	7.6	29,628	7.6
Multiple machine tool setters, operators, and tenders, metal and plastic	16.48	7.9	659	7.9	34,287	7.9
Miscellaneous metalworkers and plastic workers	17.20	8.2	688	8.2	35,774	8.2
Inspectors, testers, sorters, samplers, and weighers	16.08	13.3	646	13.4	33,573	13.4
Packaging and filling machine operators and tenders	11.67	9.4	467	9.4	24,266	9.4
Miscellaneous production workers	11.66	15.1	465	15.0	24,172	15.0
Transportation and material moving occupations	16.64	9.0	658	8.3	34,195	8.3
Driver/sales workers and truck drivers	19.51	9.3	774	8.8	40,268	8.8
Truck drivers, heavy and tractor-trailer	21.99	3.5	863	3.9	44,868	3.9
Truck drivers, light or delivery services	17.78	15.9	711	15.9	36,973	15.9

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
Transportation and material moving occupations –Continued						
Industrial truck and tractor operators	\$18.23	5.6%	\$729	5.6%	\$37,910	5.6%
Laborers and material movers, hand	11.78	6.6	471	6.6	24,497	6.6
Laborers and freight, stock, and material movers, hand	12.88	10.7	515	10.7	26,789	10.7
Packers and packagers, hand	10.86	9.1	435	9.1	22,599	9.1

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.