

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	\$22.33	2.7%	\$891	2.6%	\$46,176	2.6%
Management occupations	46.29	5.2	1,857	5.5	96,552	5.5
General and operations managers	42.94	18.8	1,713	18.8	89,056	18.8
Marketing and sales managers	49.03	11.2	1,995	11.6	103,756	11.6
Marketing managers	44.61	12.9	1,781	12.9	92,627	12.9
Sales managers	56.58	12.9	2,380	13.3	123,750	13.3
Administrative services managers	32.86	21.0	1,314	21.0	68,343	21.0
Computer and information systems managers	50.80	5.6	2,047	5.7	106,430	5.7
Financial managers	43.36	5.3	1,728	5.3	89,856	5.3
Human resources managers	41.88	17.0	1,679	17.2	87,298	17.2
Industrial production managers	80.10	25.4	3,215	25.2	167,180	25.2
Transportation, storage, and distribution managers	46.83	17.2	1,873	17.2	97,398	17.2
Education administrators	37.96	11.1	1,516	11.2	78,835	11.2
Education administrators, postsecondary ..	37.96	11.1	1,516	11.2	78,835	11.2
Engineering managers	57.66	4.4	2,306	4.4	119,935	4.4
Medical and health services managers	43.86	12.8	1,754	12.8	91,220	12.8
Business and financial operations occupations	28.82	2.9	1,152	2.9	59,898	2.9
Buyers and purchasing agents	27.72	8.2	1,119	9.5	58,183	9.5
Purchasing agents, except wholesale, retail, and farm products	26.75	8.4	1,082	10.5	56,283	10.5
Claims adjusters, appraisers, examiners, and investigators	23.51	6.4	919	6.7	47,791	6.7
Claims adjusters, examiners, and investigators	23.51	6.4	919	6.7	47,791	6.7
Compliance officers, except agriculture, construction, health and safety, and transportation	26.00	7.4	1,037	7.3	53,936	7.3
Human resources, training, and labor relations specialists	25.96	7.3	1,036	7.0	53,827	7.0
Employment, recruitment, and placement specialists	24.89	12.2	1,009	14.7	52,380	14.7
Compensation, benefits, and job analysis specialists	26.07	9.2	1,039	9.2	54,010	9.2
Training and development specialists	26.52	11.6	1,047	10.4	54,443	10.4
Management analysts	37.63	8.8	1,504	8.8	78,211	8.8
Accountants and auditors	27.62	5.2	1,110	4.7	57,733	4.7
Financial analysts and advisors	27.86	7.8	1,114	7.8	57,950	7.8
Financial analysts	28.70	7.0	1,148	7.0	59,700	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 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	\$33.74	3.8%	\$1,345	3.5%	\$69,958	3.5%
Computer programmers	29.62	7.5	1,181	7.6	61,390	7.6
Computer software engineers	38.41	11.2	1,536	11.2	79,897	11.2
Computer software engineers, applications	38.48	10.2	1,539	10.2	80,034	10.2
Computer software engineers, systems software	38.35	13.4	1,534	13.4	79,763	13.4
Computer support specialists	22.71	9.2	914	9.3	47,529	9.3
Computer systems analysts	37.32	3.4	1,482	3.3	77,056	3.3
Network and computer systems administrators	33.13	5.2	1,305	4.2	67,873	4.2
Actuaries	36.34	9.5	1,452	9.2	75,498	9.2
Architecture and engineering occupations	34.24	2.9	1,375	2.9	71,514	2.9
Engineers	38.58	2.2	1,552	2.2	80,725	2.2
Civil engineers	30.39	15.4	1,216	15.4	63,209	15.4
Electrical and electronics engineers	39.68	4.5	1,600	4.7	83,177	4.7
Electrical engineers	38.44	3.8	1,563	4.7	81,267	4.7
Industrial engineers, including health and safety	31.58	7.1	1,302	6.6	67,692	6.6
Industrial engineers	31.66	7.4	1,307	7.0	67,942	7.0
Mechanical engineers	35.83	6.3	1,433	6.3	74,520	6.3
Drafters	22.63	4.7	905	4.7	47,081	4.7
Mechanical drafters	22.33	4.5	893	4.5	46,452	4.5
Engineering technicians, except drafters	25.63	4.2	1,025	4.2	53,317	4.2
Electrical and electronic engineering technicians	25.17	9.7	1,007	9.7	52,357	9.7
Mechanical engineering technicians	20.93	3.7	837	3.7	43,539	3.7
Life, physical, and social science occupations	31.95	10.5	1,278	10.5	66,472	10.5
Life scientists	29.65	17.4	1,186	17.4	61,664	17.4
Physical scientists	31.25	12.3	1,250	12.3	64,998	12.3
Chemists and materials scientists	31.83	18.5	1,273	18.5	66,205	18.5
Market and survey researchers	43.73	12.3	1,749	12.3	90,949	12.3
Market research analysts	43.73	12.3	1,749	12.3	90,949	12.3
Community and social services occupations	19.89	9.9	791	10.0	41,125	10.0
Counselors	18.30	10.0	719	11.4	37,377	11.4
Social workers	20.74	21.9	829	21.9	43,129	21.9
Miscellaneous community and social service specialists	15.62	9.3	625	9.3	32,481	9.3
Social and human service assistants	15.62	9.3	625	9.3	32,481	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
Legal occupations	\$43.29	6.0%	\$1,826	5.0%	\$94,961	5.0%
Lawyers	64.51	5.6	2,628	5.9	136,651	5.9
Education, training, and library occupations	34.64	9.5	1,362	9.0	55,979	9.0
Postsecondary teachers	44.22	7.6	1,712	5.9	66,912	5.9
Physical sciences teachers, postsecondary	48.90	7.1	1,937	7.3	78,688	7.3
Social sciences teachers, postsecondary	44.68	7.8	1,578	6.5	60,753	6.5
Arts, communications, and humanities teachers, postsecondary	43.04	4.6	1,703	4.5	64,030	4.5
Miscellaneous postsecondary teachers	49.46	20.6	1,916	19.0	83,203	19.0
Arts, design, entertainment, sports, and media occupations	27.71	8.4	1,108	8.4	57,620	8.4
Designers	28.22	18.0	1,129	18.0	58,703	18.0
Graphic designers	20.23	4.5	809	4.5	42,071	4.5
News analysts, reporters and correspondents	35.03	6.2	1,401	6.2	72,854	6.2
Reporters and correspondents	32.31	7.4	1,292	7.4	67,201	7.4
Writers and editors	20.55	4.8	822	4.8	42,743	4.8
Editors	20.17	5.7	807	5.7	41,960	5.7
Healthcare practitioner and technical occupations	30.07	9.7	1,177	9.9	61,198	9.9
Pharmacists	53.55	2.3	2,220	3.2	115,452	3.2
Physicians and surgeons	100.50	21.9	4,197	23.9	218,228	23.9
Registered nurses	29.75	6.5	1,144	6.7	59,500	6.7
Therapists	30.94	7.9	1,233	7.9	64,121	7.9
Clinical laboratory technologists and technicians	19.39	7.3	775	7.3	40,290	7.3
Medical and clinical laboratory technologists	19.92	10.6	795	10.5	41,362	10.5
Medical and clinical laboratory technicians	18.24	13.8	730	13.8	37,939	13.8
Diagnostic related technologists and technicians	26.09	9.1	1,013	8.8	52,677	8.8
Radiologic technologists and technicians ..	25.11	10.7	975	9.9	50,706	9.9
Health diagnosing and treating practitioner support technicians	14.27	9.1	562	8.8	29,222	8.8
Pharmacy technicians	13.24	6.0	525	5.3	27,291	5.3
Licensed practical and licensed vocational nurses	19.33	1.9	765	1.8	39,794	1.8
Medical records and health information technicians	16.44	5.9	643	5.5	33,448	5.5

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 support occupations	\$12.57	4.4%	\$493	4.5%	\$25,633	4.5%
Nursing, psychiatric, and home health aides	12.02	3.4	470	3.6	24,432	3.6
Home health aides	12.32	5.5	487	5.7	25,308	5.7
Nursing aides, orderlies, and attendants	11.90	4.6	463	5.0	24,086	5.0
Miscellaneous healthcare support occupations	13.60	7.4	538	7.9	27,968	7.9
Medical assistants	12.31	15.1	479	16.7	24,911	16.7
Protective service occupations	12.63	3.8	505	3.8	26,267	3.8
Security guards and gaming surveillance officers	12.19	2.9	488	2.9	25,356	2.9
Security guards	12.16	2.9	486	2.9	25,291	2.9
Food preparation and serving related occupations	9.96	5.7	393	5.4	20,057	5.4
First-line supervisors/managers, food preparation and serving workers	16.53	8.1	683	11.8	35,492	11.8
First-line supervisors/managers of food preparation and serving workers	14.29	3.5	576	1.4	29,963	1.4
Cooks	12.78	2.5	511	2.5	26,087	2.5
Cooks, institution and cafeteria	13.77	7.1	551	7.1	26,469	7.1
Cooks, restaurant	12.21	1.9	488	1.9	25,401	1.9
Food service, tipped	5.62	14.5	214	13.6	11,118	13.6
Waiters and waitresses	5.04	18.2	192	17.2	9,972	17.2
Building and grounds cleaning and maintenance occupations	12.89	7.9	514	7.9	26,710	7.9
First-line supervisors/managers, building and grounds cleaning and maintenance workers	15.84	11.6	634	11.6	32,948	11.6
First-line supervisors/managers of housekeeping and janitorial workers ...	15.84	11.6	634	11.6	32,948	11.6
Building cleaning workers	12.51	8.5	498	8.6	25,895	8.6
Janitors and cleaners, except maids and housekeeping cleaners	13.04	10.3	518	10.3	26,960	10.3
Maids and housekeeping cleaners	10.70	5.7	428	5.7	22,258	5.7
Personal care and service occupations	13.34	7.8	516	8.2	26,811	8.2
Gaming services workers	7.43	8.1	295	8.4	15,342	8.4
Gaming dealers	6.34	3.3	251	4.2	13,071	4.2
Personal and home care aides	11.26	2.9	450	2.9	23,411	2.9
Sales and related occupations	17.82	8.4	709	8.3	36,825	8.3

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
Sales and related occupations –Continued						
First-line supervisors/managers, sales workers	\$18.73	7.2%	\$747	7.0%	\$38,821	7.0%
First-line supervisors/managers of retail sales workers	17.98	4.9	717	4.7	37,309	4.7
Retail sales workers	11.94	5.0	471	5.1	24,400	5.1
Cashiers, all workers	10.49	3.3	419	3.4	21,569	3.4
Cashiers	10.72	2.5	427	2.6	22,011	2.6
Retail salespersons	12.69	6.7	497	6.8	25,840	6.8
Insurance sales agents	23.61	8.7	939	9.4	48,819	9.4
Securities, commodities, and financial services sales agents	25.35	11.8	1,008	11.4	52,394	11.4
Sales representatives, wholesale and manufacturing	39.60	5.3	1,674	8.8	87,057	8.8
Sales representatives, wholesale and manufacturing, technical and scientific products	43.92	20.6	1,757	20.6	91,346	20.6
Sales representatives, wholesale and manufacturing, except technical and scientific products	37.03	19.1	1,620	27.7	84,266	27.7
Miscellaneous sales and related workers	21.03	5.0	831	5.7	43,216	5.7
Office and administrative support occupations						
First-line supervisors/managers of office and administrative support workers	15.87	1.7	632	1.7	32,838	1.7
Switchboard operators, including answering service	24.88	6.5	1,016	6.8	52,807	6.8
Financial clerks	11.44	7.6	458	7.6	23,799	7.6
Bill and account collectors	14.86	3.3	589	3.2	30,650	3.2
Billing and posting clerks and machine operators	14.90	5.4	596	5.4	30,993	5.4
Bookkeeping, accounting, and auditing clerks	15.77	5.1	631	5.1	32,801	5.1
Payroll and timekeeping clerks	14.87	4.8	585	4.4	30,416	4.4
Tellers	17.45	6.2	698	6.2	36,299	6.2
Customer service representatives	10.83	1.6	431	2.4	22,422	2.4
Interviewers, except eligibility and loan	14.19	6.1	566	6.0	29,456	6.0
Order clerks	13.07	5.2	522	5.1	27,164	5.1
Receptionists and information clerks	15.25	8.5	610	8.5	31,717	8.5
Production, planning, and expediting clerks	13.60	7.8	544	7.8	28,284	7.8
Shipping, receiving, and traffic clerks	22.35	8.0	894	8.0	46,485	8.0
Stock clerks and order fillers	12.60	6.3	502	5.6	26,085	5.6
	14.32	7.2	564	7.4	29,337	7.4

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
Office and administrative support occupations –Continued						
Secretaries and administrative assistants	\$18.68	3.5%	\$749	3.6%	\$38,949	3.6%
Executive secretaries and administrative assistants	19.06	7.1	762	7.1	39,635	7.1
Medical secretaries	16.17	2.7	646	2.7	33,589	2.7
Secretaries, except legal, medical, and executive	17.86	4.7	714	4.7	37,106	4.7
Data entry and information processing workers	13.97	5.2	554	4.8	28,804	4.8
Data entry keyers	13.32	5.1	531	5.2	27,586	5.2
Insurance claims and policy processing clerks	16.79	7.2	658	6.5	34,192	6.5
Office clerks, general	15.06	4.2	599	4.1	31,139	4.1
Construction and extraction occupations	27.75	11.1	1,110	11.1	57,712	11.1
Carpenters	32.61	5.7	1,304	5.7	67,833	5.7
Electricians	27.17	10.9	1,087	10.9	56,519	10.9
Installation, maintenance, and repair occupations	22.34	6.8	894	6.8	46,510	6.8
First-line supervisors/managers of mechanics, installers, and repairers	37.08	4.2	1,483	4.2	77,123	4.2
Miscellaneous electrical and electronic equipment mechanics, installers, and repairers	24.79	21.3	992	21.3	51,573	21.3
Automotive technicians and repairers	19.26	16.7	770	16.7	40,052	16.7
Bus and truck mechanics and diesel engine specialists	17.71	7.5	728	8.6	37,854	8.6
Industrial machinery installation, repair, and maintenance workers	22.30	4.3	891	4.3	46,350	4.3
Industrial machinery mechanics	23.88	2.9	954	2.9	49,630	2.9
Maintenance and repair workers, general ..	20.65	8.9	825	8.9	42,914	8.9
Line installers and repairers	25.27	19.3	1,011	19.3	52,568	19.3
Miscellaneous installation, maintenance, and repair workers	16.46	25.1	658	25.1	34,227	25.1
Production occupations	16.73	4.0	668	4.0	34,723	4.0
First-line supervisors/managers of production and operating workers	25.41	9.8	1,024	9.8	53,241	9.8
Electrical, electronics, and electromechanical assemblers	17.05	8.5	682	8.5	35,466	8.5

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
Production occupations –Continued						
Electrical and electronic equipment assemblers	\$17.96	8.7%	\$719	8.7%	\$37,364	8.7%
Miscellaneous assemblers and fabricators	15.04	10.9	600	11.0	31,206	11.0
Miscellaneous food processing workers	15.29	10.5	612	10.5	31,807	10.5
Food batchmakers	16.05	8.8	642	8.8	33,381	8.8
Computer control programmers and operators	21.77	8.0	868	8.1	45,124	8.1
Computer-controlled machine tool operators, metal and plastic	21.77	8.0	868	8.1	45,124	8.1
Forming machine setters, operators, and tenders, metal and plastic	16.79	8.7	671	8.7	34,917	8.7
Machine tool cutting setters, operators, and tenders, metal and plastic	15.89	4.1	635	4.1	33,029	4.1
Cutting, punching, and press machine setters, operators, and tenders, metal and plastic	15.39	4.8	615	4.8	31,963	4.8
Machinists	24.89	10.4	996	10.4	51,781	10.4
Molders and molding machine setters, operators, and tenders, metal and plastic	14.39	6.0	576	6.0	29,933	6.0
Molding, coremaking, and casting machine setters, operators, and tenders, metal and plastic	14.39	6.0	576	6.0	29,933	6.0
Multiple machine tool setters, operators, and tenders, metal and plastic	20.14	15.4	806	15.4	41,895	15.4
Tool and die makers	26.33	6.8	1,053	6.8	54,775	6.8
Welding, soldering, and brazing workers	18.94	5.4	758	5.4	39,397	5.4
Welders, cutters, solderers, and brazers	18.79	6.7	752	6.7	39,081	6.7
Welding, soldering, and brazing machine setters, operators, and tenders	19.47	6.1	779	6.1	40,499	6.1
Miscellaneous metalworkers and plastic workers	15.55	5.2	622	5.2	32,344	5.2
Printers	20.24	4.0	787	3.2	40,902	3.2
Printing machine operators	20.98	5.0	810	3.8	42,103	3.8
Laundry and dry-cleaning workers	11.36	9.3	435	13.2	22,623	13.2
Crushing, grinding, polishing, mixing, and blending workers	18.42	5.9	724	4.6	37,658	4.6
Cutting workers	15.13	6.2	605	6.2	31,480	6.2
Inspectors, testers, sorters, samplers, and weighers	17.38	5.3	695	5.3	36,150	5.3
Packaging and filling machine operators and tenders	17.24	11.5	690	11.5	35,858	11.5
Painting workers	18.22	5.0	729	5.0	37,905	5.0

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 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						
Coating, painting, and spraying machine setters, operators, and tenders	\$18.21	6.3%	\$729	6.3%	\$37,883	6.3%
Miscellaneous production workers	13.88	6.6	555	6.6	28,859	6.6
Helpers--production workers	12.34	9.2	494	9.2	25,664	9.2
Transportation and material moving occupations						
First-line supervisors/managers of helpers, laborers, and material movers, hand	22.42	9.9	897	9.9	46,639	9.9
Driver/sales workers and truck drivers	19.94	5.3	907	7.1	47,188	7.1
Truck drivers, heavy and tractor-trailer	19.36	5.9	911	8.4	47,383	8.4
Truck drivers, light or delivery services	22.56	9.7	902	9.7	46,918	9.7
Industrial truck and tractor operators	15.74	6.9	629	6.9	32,733	6.9
Laborers and material movers, hand	12.74	5.2	508	5.1	26,364	5.1
Laborers and freight, stock, and material movers, hand	13.07	6.3	520	6.1	26,949	6.1
Machine feeders and offbearers	15.98	1.7	628	2.3	32,658	2.3
Packers and packagers, hand	11.44	5.4	457	5.4	23,780	5.4

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, weighted 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/pub/hom/homch8_a.htm.

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

⁵ Mean annual earnings are based on 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.