

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	\$20.26	2.9%	\$810	3.0%	\$41,880	3.0%
Management occupations	41.56	11.9	1,706	12.2	88,576	12.2
Chief executives	84.61	20.0	4,204	18.7	218,584	18.7
General and operations managers	39.30	13.9	1,614	14.0	83,933	14.0
Marketing and sales managers	43.96	12.7	1,772	13.3	92,154	13.3
Marketing managers	36.75	5.3	1,470	5.3	76,442	5.3
Computer and information systems managers	48.01	2.9	1,966	2.8	102,220	2.8
Financial managers	39.11	5.0	1,564	6.0	81,334	6.0
Human resources managers	37.96	12.3	1,587	10.2	82,545	10.2
Industrial production managers	36.26	15.9	1,668	10.3	86,735	10.3
Purchasing managers	29.10	22.8	1,227	19.2	63,785	19.2
Education administrators	30.49	18.5	1,273	22.0	61,559	22.0
Education administrators, postsecondary ..	34.41	9.8	1,463	13.5	76,097	13.5
Engineering managers	51.72	7.3	2,083	7.7	108,317	7.7
Medical and health services managers	43.98	10.2	1,755	10.1	91,248	10.1
Business and financial operations occupations	27.72	3.5	1,111	3.2	57,774	3.2
Buyers and purchasing agents	27.01	4.5	1,100	7.2	57,184	7.2
Purchasing agents, except wholesale, retail, and farm products	27.83	6.2	1,137	9.1	59,135	9.1
Claims adjusters, appraisers, examiners, and investigators	17.62	5.7	689	4.3	35,827	4.3
Claims adjusters, examiners, and investigators	17.62	5.7	689	4.3	35,827	4.3
Human resources, training, and labor relations specialists	23.62	10.2	934	8.7	48,485	8.7
Employment, recruitment, and placement specialists	21.67	7.8	834	5.8	42,965	5.8
Compensation, benefits, and job analysis specialists	18.64	10.8	755	11.1	39,254	11.1
Training and development specialists	24.81	8.8	975	7.1	50,725	7.1
Management analysts	32.36	4.9	1,331	2.3	69,207	2.3
Accountants and auditors	26.09	5.7	1,049	5.4	54,558	5.4
Financial analysts and advisors	25.90	6.8	1,029	6.4	53,498	6.4
Financial analysts	27.44	3.9	1,098	3.9	57,086	3.9
Insurance underwriters	22.28	12.9	875	11.7	45,511	11.7
Computer and mathematical science occupations	32.21	5.4	1,286	5.4	66,848	5.4
Computer programmers	30.36	5.7	1,204	5.8	62,610	5.8
Computer software engineers	39.86	7.6	1,605	7.4	83,478	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 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 –Continued						
Computer software engineers, applications	\$40.72	12.7%	\$1,655	12.1%	\$86,038	12.1%
Computer software engineers, systems software	39.17	6.0	1,567	6.0	81,484	6.0
Computer support specialists	17.39	21.8	699	22.2	36,335	22.2
Computer systems analysts	34.98	3.2	1,388	3.3	72,200	3.3
Network and computer systems administrators	31.59	4.2	1,250	4.1	65,003	4.1
Network systems and data communications analysts	32.30	6.9	1,292	6.9	67,193	6.9
Operations research analysts	29.80	11.7	1,191	11.6	61,952	11.6
Architecture and engineering occupations	32.11	3.1	1,288	3.2	66,928	3.2
Engineers	36.89	3.1	1,482	3.2	77,063	3.2
Civil engineers	33.15	3.0	1,326	3.0	68,958	3.0
Electrical and electronics engineers	36.07	4.9	1,443	4.9	75,020	4.9
Electrical engineers	32.65	13.1	1,306	13.1	67,909	13.1
Industrial engineers, including health and safety	31.97	5.3	1,309	6.8	68,079	6.8
Industrial engineers	31.97	5.3	1,309	6.8	68,079	6.8
Mechanical engineers	34.04	5.2	1,362	5.2	70,813	5.2
Drafters	21.46	8.0	858	8.0	44,633	8.0
Mechanical drafters	21.95	7.5	878	7.5	45,661	7.5
Engineering technicians, except drafters	23.91	7.1	956	7.1	49,610	7.1
Electrical and electronic engineering technicians	23.62	9.8	945	9.8	49,139	9.8
Life, physical, and social science occupations	28.91	8.6	1,156	8.7	60,112	8.7
Life scientists	24.66	14.4	966	13.7	50,246	13.7
Physical scientists	32.05	7.4	1,291	7.4	67,111	7.4
Chemists and materials scientists	30.43	6.2	1,234	6.0	64,142	6.0
Community and social services occupations	17.54	6.9	695	6.9	35,582	6.9
Social workers	22.68	4.9	907	4.9	45,066	4.9
Legal occupations	40.36	3.7	1,632	3.1	84,842	3.1
Lawyers	51.93	9.4	2,118	11.0	110,143	11.0
Paralegals and legal assistants	26.41	3.1	1,056	3.1	54,923	3.1
Education, training, and library occupations	28.08	11.7	1,107	11.8	45,162	11.8
Primary, secondary, and special education school teachers	20.82	6.0	833	6.0	33,829	6.0

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
Arts, design, entertainment, sports, and media occupations	\$26.27	11.0%	\$1,052	10.9%	\$54,690	10.9%
Designers	27.45	15.4	1,098	15.4	57,091	15.4
Graphic designers	19.51	8.5	781	8.5	40,590	8.5
Writers and editors	20.09	15.6	804	15.6	41,791	15.6
Editors	20.49	18.5	820	18.5	42,619	18.5
Healthcare practitioner and technical occupations	24.80	4.6	974	4.5	50,664	4.5
Pharmacists	48.34	1.8	1,927	2.2	100,223	2.2
Physicians and surgeons	60.18	9.1	2,554	8.0	132,791	8.0
Registered nurses	25.84	4.8	1,008	4.7	52,396	4.7
Therapists	26.14	2.4	1,037	2.9	53,914	2.9
Occupational therapists	24.30	5.0	964	5.9	50,105	5.9
Clinical laboratory technologists and technicians	21.40	7.0	853	7.2	44,351	7.2
Medical and clinical laboratory technologists	23.97	9.9	956	9.8	49,710	9.8
Medical and clinical laboratory technicians	18.75	6.3	747	6.3	38,843	6.3
Diagnostic related technologists and technicians	24.04	7.0	939	8.2	48,841	8.2
Radiologic technologists and technicians ..	25.00	6.4	967	8.1	50,292	8.1
Emergency medical technicians and paramedics	17.42	10.5	697	10.5	36,242	10.5
Health diagnosing and treating practitioner support technicians	13.65	9.4	529	11.5	27,514	11.5
Licensed practical and licensed vocational nurses	17.67	2.3	687	2.7	35,704	2.7
Healthcare support occupations	11.98	7.0	476	6.9	24,737	6.9
Nursing, psychiatric, and home health aides	10.94	5.5	433	5.1	22,541	5.1
Nursing aides, orderlies, and attendants	10.98	6.4	433	5.9	22,539	5.9
Miscellaneous healthcare support occupations	13.96	8.8	558	8.8	28,998	8.8
Medical assistants	12.38	4.8	495	4.8	25,727	4.8
Medical transcriptionists	16.71	6.2	668	6.2	34,742	6.2
Food preparation and serving related occupations	10.84	7.7	423	8.1	21,980	8.1
First-line supervisors/managers, food preparation and serving workers	14.79	8.2	643	7.5	33,414	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 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
Food preparation and serving related occupations –Continued						
First-line supervisors/managers of food preparation and serving workers	\$14.46	8.5%	\$632	8.2%	\$32,858	8.2%
Cooks	12.10	2.3	469	3.2	24,364	3.2
Cooks, institution and cafeteria	12.34	6.8	483	7.5	25,123	7.5
Food preparation workers	10.61	1.8	419	2.6	21,803	2.6
Food service, tipped	6.61	24.7	249	29.3	12,968	29.3
Waiters and waitresses	5.27	34.1	194	39.8	10,107	39.8
Building and grounds cleaning and maintenance occupations						
Building cleaning workers	11.63	4.3	464	4.0	24,149	4.0
Janitors and cleaners, except maids and housekeeping cleaners	11.11	2.9	441	2.9	22,939	2.9
Maids and housekeeping cleaners	11.74	3.2	466	3.1	24,238	3.1
Maids and housekeeping cleaners	9.63	4.9	382	4.7	19,876	4.7
Personal care and service occupations						
Gaming services workers	11.44	6.7	427	6.2	22,179	6.2
Gaming services workers	6.79	6.2	270	5.9	14,060	5.9
Gaming dealers	6.42	1.7	256	1.9	13,309	1.9
Recreation and fitness workers	13.41	11.5	532	10.7	27,657	10.7
Sales and related occupations						
First-line supervisors/managers, sales workers	17.59	7.3	705	7.5	36,642	7.5
First-line supervisors/managers of retail sales workers	20.54	7.7	830	7.2	43,179	7.2
Retail sales workers	18.72	4.4	758	4.7	39,397	4.7
Retail sales workers	10.51	1.6	416	1.5	21,633	1.5
Cashiers, all workers	9.97	2.3	399	2.3	20,746	2.3
Retail salespersons	10.78	2.3	423	2.0	22,021	2.0
Advertising sales agents	15.04	29.4	601	29.4	31,273	29.4
Insurance sales agents	24.24	12.4	959	13.3	49,859	13.3
Securities, commodities, and financial services sales agents	45.10	21.1	1,804	21.1	93,806	21.1
Sales representatives, wholesale and manufacturing	29.74	13.2	1,242	15.0	64,577	15.0
Sales representatives, wholesale and manufacturing, except technical and scientific products	24.32	6.2	1,018	9.5	52,948	9.5
Office and administrative support occupations						
Office and administrative support occupations	14.89	2.8	591	3.0	30,745	3.0

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						
First-line supervisors/managers of office and administrative support workers	\$21.74	3.9%	\$873	4.0%	\$45,411	4.0%
Financial clerks	13.89	2.7	554	2.7	28,782	2.7
Bill and account collectors	15.40	11.3	616	11.3	32,029	11.3
Billing and posting clerks and machine operators	14.30	5.7	572	5.7	29,737	5.7
Bookkeeping, accounting, and auditing clerks	13.84	4.4	551	4.3	28,642	4.3
Tellers	10.83	3.4	433	3.4	22,524	3.4
Customer service representatives	15.99	3.1	638	2.7	33,187	2.7
File clerks	12.60	7.8	499	7.2	25,955	7.2
Interviewers, except eligibility and loan	12.88	11.1	514	10.9	26,744	10.9
Order clerks	17.44	7.5	698	7.5	36,274	7.5
Receptionists and information clerks	12.44	10.0	497	10.0	25,868	10.0
Dispatchers	19.50	10.2	857	17.0	42,547	17.0
Dispatchers, except police, fire, and ambulance	19.50	10.2	857	17.0	42,547	17.0
Production, planning, and expediting clerks	21.51	7.7	861	7.7	44,750	7.7
Shipping, receiving, and traffic clerks	12.30	8.2	489	6.9	25,434	6.9
Stock clerks and order fillers	15.42	12.2	617	12.2	32,076	12.2
Weighers, measurers, checkers, and samplers, recordkeeping	17.81	6.7	712	6.7	37,039	6.7
Secretaries and administrative assistants	18.03	3.0	718	2.9	37,326	2.9
Executive secretaries and administrative assistants	19.62	7.1	783	7.1	40,712	7.1
Medical secretaries	15.80	5.4	630	5.4	32,753	5.4
Secretaries, except legal, medical, and executive	16.54	2.3	658	2.2	34,182	2.2
Computer operators	17.27	6.5	691	6.5	35,916	6.5
Data entry and information processing workers	12.23	7.5	488	7.8	25,360	7.8
Data entry keyers	12.30	8.1	491	8.3	25,547	8.3
Word processors and typists	11.72	12.7	463	12.1	24,095	12.1
Insurance claims and policy processing clerks	13.65	10.2	537	9.4	27,914	9.4
Office clerks, general	12.90	6.9	512	6.1	26,646	6.1
Construction and extraction occupations	26.04	8.1	1,042	8.1	52,834	8.1
First-line supervisors/managers of construction trades and extraction workers	32.30	12.6	1,292	12.6	67,184	12.6

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
Construction and extraction occupations						
–Continued						
Carpenters	\$26.69	8.3%	\$1,068	8.3%	\$50,773	8.3%
Electricians	27.27	12.0	1,091	12.0	56,729	12.0
Pipelayers, plumbers, pipefitters, and steamfitters	28.78	12.7	1,151	12.7	59,866	12.7
Plumbers, pipefitters, and steamfitters	28.78	12.7	1,151	12.7	59,866	12.7
Installation, maintenance, and repair occupations						
First-line supervisors/managers of mechanics, installers, and repairers	22.45	4.1	896	4.1	46,606	4.1
Miscellaneous electrical and electronic equipment mechanics, installers, and repairers	21.93	23.1	877	23.1	45,612	23.1
Aircraft mechanics and service technicians ..	24.94	6.3	998	6.3	51,875	6.3
Bus and truck mechanics and diesel engine specialists	17.78	5.8	711	5.8	36,979	5.8
Heavy vehicle and mobile equipment service technicians and mechanics	22.07	13.5	883	13.5	45,910	13.5
Industrial machinery installation, repair, and maintenance workers	21.49	3.2	856	3.4	44,481	3.4
Industrial machinery mechanics	22.72	2.9	902	3.1	46,915	3.1
Maintenance and repair workers, general ..	20.85	13.7	834	13.7	43,363	13.7
Maintenance workers, machinery	14.83	1.6	593	1.6	30,824	1.6
Millwrights	23.45	11.3	938	11.3	48,556	11.3
Miscellaneous installation, maintenance, and repair workers	18.57	16.1	743	16.1	38,635	16.1
Production occupations						
First-line supervisors/managers of production and operating workers	24.46	4.7	1,005	6.0	52,248	6.0
Electrical, electronics, and electromechanical assemblers	17.06	11.5	682	11.5	35,483	11.5
Electrical and electronic equipment assemblers	17.15	11.5	686	11.5	35,671	11.5
Miscellaneous assemblers and fabricators	18.50	7.8	739	7.8	38,283	7.8
Bakers	16.02	10.2	641	10.2	33,322	10.2
Butchers and other meat, poultry, and fish processing workers	12.57	7.4	499	7.5	25,938	7.5
Slaughterers and meat packers	11.58	2.8	458	4.1	23,801	4.1
Miscellaneous food processing workers	14.15	8.4	566	8.4	29,424	8.4
Food batchmakers	14.86	9.4	594	9.4	30,903	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 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						
Forming machine setters, operators, and tenders, metal and plastic	\$14.70	6.1%	\$588	6.1%	\$30,569	6.1%
Machine tool cutting setters, operators, and tenders, metal and plastic	16.09	6.5	641	6.6	33,347	6.6
Cutting, punching, and press machine setters, operators, and tenders, metal and plastic	15.14	6.5	602	6.6	31,284	6.6
Machinists	22.78	9.5	911	9.5	47,373	9.5
Molders and molding machine setters, operators, and tenders, metal and plastic	12.00	7.1	480	7.1	24,897	7.1
Molding, coremaking, and casting machine setters, operators, and tenders, metal and plastic	12.00	7.1	480	7.1	24,897	7.1
Multiple machine tool setters, operators, and tenders, metal and plastic	18.97	12.5	759	12.5	39,423	12.5
Tool and die makers	23.23	7.2	929	7.2	48,313	7.2
Welding, soldering, and brazing workers	17.13	18.9	685	18.9	35,622	18.9
Welders, cutters, solderers, and brazers	20.36	20.6	814	20.6	42,346	20.6
Miscellaneous metalworkers and plastic workers	14.63	10.1	585	10.1	30,404	10.1
Printers	17.64	9.7	693	9.0	36,055	9.0
Printing machine operators	17.09	11.8	671	10.5	34,874	10.5
Chemical processing machine setters, operators, and tenders	19.84	4.5	793	4.5	41,257	4.5
Separating, filtering, clarifying, precipitating, and still machine setters, operators, and tenders	19.22	6.2	769	6.2	39,967	6.2
Inspectors, testers, sorters, samplers, and weighers	16.66	5.9	666	5.9	34,645	5.9
Packaging and filling machine operators and tenders	15.43	4.1	617	4.1	32,087	4.1
Painting workers	19.01	10.9	761	10.9	39,549	10.9
Coating, painting, and spraying machine setters, operators, and tenders	19.89	11.8	796	11.8	41,367	11.8
Miscellaneous production workers	12.21	5.1	487	5.0	24,692	5.0
Helpers--production workers	11.19	3.4	446	3.3	23,194	3.3
Transportation and material moving occupations	18.41	4.4	769	5.4	39,762	5.4
First-line supervisors/managers of helpers, laborers, and material movers, hand	20.46	7.8	821	7.8	42,697	7.8

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
Transportation and material moving occupations –Continued						
First-line supervisors/managers of transportation and material-moving machine and vehicle operators	\$31.03	23.1%	\$1,308	20.9%	\$67,993	20.9%
Driver/sales workers and truck drivers	18.93	17.1	913	16.0	47,496	16.0
Truck drivers, heavy and tractor-trailer	18.47	13.3	931	11.3	48,393	11.3
Truck drivers, light or delivery services	20.08	31.1	881	36.6	45,830	36.6
Industrial truck and tractor operators	14.99	10.7	599	10.8	30,328	10.8
Laborers and material movers, hand	13.29	10.2	529	10.3	27,507	10.3
Laborers and freight, stock, and material movers, hand	16.19	8.8	645	8.9	33,558	8.9
Machine feeders and offbearers	14.10	6.8	545	8.4	28,317	8.4
Packers and packagers, hand	10.53	7.6	421	7.6	21,881	7.6

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.