

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	\$27.22	1.1%	\$1,075	1.3%	\$55,559	1.3%
Management occupations	48.86	7.2	1,965	7.9	102,156	7.9
General and operations managers	59.30	19.9	2,584	18.4	134,351	18.4
Marketing and sales managers	51.51	13.5	2,106	12.6	109,537	12.6
Marketing managers	59.89	9.3	2,442	8.7	126,993	8.7
Sales managers	34.14	6.2	1,404	6.0	73,009	6.0
Administrative services managers	40.43	6.9	1,607	7.6	83,561	7.6
Computer and information systems managers	55.53	6.8	2,204	5.4	114,587	5.4
Financial managers	54.59	4.2	2,204	6.9	114,606	6.9
Human resources managers	47.27	33.1	2,098	27.2	109,075	27.2
Purchasing managers	28.79	17.7	1,125	17.4	58,521	17.4
Construction managers	55.46	10.4	2,394	9.8	124,464	9.8
Education administrators	37.78	7.0	1,363	6.7	70,816	6.7
Education administrators, elementary and secondary school	38.72	11.6	1,425	13.3	73,339	13.3
Education administrators, postsecondary ..	40.70	6.3	1,472	4.8	76,532	4.8
Engineering managers	59.69	9.2	2,441	11.1	126,935	11.1
Medical and health services managers	49.88	13.0	2,051	9.3	106,671	9.3
Business and financial operations occupations	34.04	2.3	1,362	3.4	70,804	3.4
Buyers and purchasing agents	35.28	4.9	1,417	6.5	73,669	6.5
Wholesale and retail buyers, except farm products	24.83	22.5	950	21.0	49,416	21.0
Purchasing agents, except wholesale, retail, and farm products	38.50	7.1	1,570	8.7	81,640	8.7
Claims adjusters, appraisers, examiners, and investigators	26.44	5.6	1,015	5.5	52,757	5.5
Claims adjusters, examiners, and investigators	27.03	8.5	1,038	8.6	53,960	8.6
Human resources, training, and labor relations specialists	30.82	1.6	1,265	2.7	65,764	2.7
Compensation, benefits, and job analysis specialists	28.98	4.6	1,201	5.9	62,478	5.9
Training and development specialists	28.64	6.5	1,149	6.4	59,751	6.4
Management analysts	41.34	4.7	1,626	5.0	84,565	5.0
Accountants and auditors	27.08	4.9	1,043	3.9	54,229	3.9
Financial analysts and advisors	42.59	13.3	1,788	9.7	92,989	9.7
Financial analysts	41.71	13.4	1,813	2.6	94,267	2.6
Insurance underwriters	46.36	29.4	1,756	32.2	91,325	32.2

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 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	\$38.48	1.5%	\$1,527	1.2%	\$79,422	1.2%
Computer programmers	31.54	8.7	1,241	8.8	64,523	8.8
Computer software engineers	44.10	4.0	1,774	3.8	92,248	3.8
Computer software engineers, applications	43.24	9.3	1,758	7.9	91,402	7.9
Computer software engineers, systems software	44.75	2.2	1,786	2.4	92,873	2.4
Computer support specialists	32.15	4.8	1,268	4.9	65,929	4.9
Computer systems analysts	37.13	3.0	1,468	3.3	76,311	3.3
Network and computer systems administrators	39.34	4.0	1,586	4.1	82,460	4.1
Network systems and data communications analysts	35.43	9.7	1,367	7.5	71,069	7.5
Actuaries	37.50	10.7	1,416	8.6	73,614	8.6
Operations research analysts	34.72	5.1	1,294	2.3	67,263	2.3
Architecture and engineering occupations	37.25	2.5	1,518	2.2	78,941	2.2
Engineers	41.10	1.4	1,680	1.3	87,354	1.3
Aerospace engineers	45.25	5.3	1,831	5.2	95,216	5.2
Civil engineers	32.62	11.4	1,394	9.0	72,478	9.0
Electrical and electronics engineers	41.71	4.7	1,724	3.1	89,637	3.1
Electrical engineers	39.95	5.5	1,662	1.8	86,423	1.8
Electronics engineers, except computer	42.37	5.8	1,747	4.1	90,832	4.1
Industrial engineers, including health and safety	37.56	5.8	1,513	5.8	78,652	5.8
Industrial engineers	38.21	5.6	1,539	5.4	80,041	5.4
Mechanical engineers	43.25	9.2	1,741	9.0	90,512	9.0
Drafters	27.70	7.9	1,092	7.6	56,780	7.6
Engineering technicians, except drafters	24.45	6.0	974	6.0	50,664	6.0
Electrical and electronic engineering technicians	24.06	5.4	962	5.4	50,036	5.4
Industrial engineering technicians	25.49	11.6	1,012	11.7	52,644	11.7
Life, physical, and social science occupations	32.12	21.7	1,264	22.3	65,461	22.3
Physical scientists	42.75	7.4	1,693	7.7	88,018	7.7
Chemists and materials scientists	42.13	8.8	1,668	9.1	86,713	9.1
Materials scientists	45.10	8.1	1,804	8.1	93,818	8.1
Market and survey researchers	46.90	20.8	1,906	20.0	99,115	20.0
Market research analysts	46.90	20.8	1,906	20.0	99,115	20.0
Miscellaneous life, physical, and social science technicians	19.65	5.0	781	5.1	39,975	5.1
Community and social services occupations	17.00	2.9	663	3.8	34,122	3.8

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
Community and social services occupations –Continued						
Counselors	\$17.53	3.4%	\$681	3.0%	\$34,428	3.0%
Social workers	17.62	5.5	702	5.4	36,466	5.4
Legal occupations	60.44	8.3	2,325	5.9	120,892	5.9
Lawyers	83.22	7.2	3,284	6.4	170,746	6.4
Paralegals and legal assistants	26.12	6.5	967	12.3	50,304	12.3
Education, training, and library occupations	40.51	6.3	1,555	7.6	68,997	7.6
Postsecondary teachers	54.21	1.7	2,100	4.2	89,720	4.2
Math and computer teachers, postsecondary	57.01	9.6	2,188	8.4	79,560	8.4
Mathematical science teachers, postsecondary	57.01	9.6	2,188	8.4	79,560	8.4
Life sciences teachers, postsecondary	47.55	.8	2,101	6.2	102,752	6.2
Biological science teachers, postsecondary	47.55	.8	2,101	6.2	102,752	6.2
Physical sciences teachers, postsecondary	62.69	16.4	2,428	15.1	107,255	15.1
Social sciences teachers, postsecondary	50.25	9.2	1,823	7.8	79,980	7.8
Arts, communications, and humanities teachers, postsecondary	55.77	14.3	2,011	10.9	77,718	10.9
English language and literature teachers, postsecondary	66.13	31.1	2,247	25.2	92,874	25.2
Miscellaneous postsecondary teachers	47.38	10.7	1,765	10.9	72,170	10.9
Primary, secondary, and special education school teachers	18.86	16.3	735	16.8	32,904	16.8
Librarians	27.08	18.0	1,043	16.4	52,927	16.4
Arts, design, entertainment, sports, and media occupations	30.75	9.5	1,189	7.8	61,527	7.8
Athletes, coaches, umpires, and related workers	29.15	5.8	1,092	7.1	53,192	7.1
Coaches and scouts	30.66	10.4	1,042	5.9	49,337	5.9
Writers and editors	39.46	2.5	1,476	4.8	76,727	4.8
Editors	36.23	5.6	1,287	4.6	66,914	4.6
Healthcare practitioner and technical occupations	29.15	3.0	1,119	3.2	58,155	3.2
Pharmacists	45.55	2.6	1,765	3.8	91,785	3.8
Physicians and surgeons	43.85	39.4	1,756	39.2	91,307	39.2
Registered nurses	33.79	5.2	1,253	5.2	65,178	5.2
Therapists	29.99	2.6	1,198	2.6	62,297	2.6

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
Healthcare practitioner and technical occupations –Continued						
Respiratory therapists	\$30.54	6.1%	\$1,213	6.1%	\$63,101	6.1%
Clinical laboratory technologists and technicians	20.44	6.2	808	6.1	42,020	6.1
Medical and clinical laboratory technologists	22.29	15.1	892	15.1	46,373	15.1
Medical and clinical laboratory technicians	17.87	5.3	695	3.7	36,158	3.7
Health diagnosing and treating practitioner support technicians	19.38	12.7	771	12.4	39,648	12.4
Licensed practical and licensed vocational nurses	23.27	4.3	894	5.7	46,505	5.7
Medical records and health information technicians	15.58	1.8	591	3.9	30,721	3.9
Healthcare support occupations	13.86	2.1	540	2.9	28,054	2.9
Nursing, psychiatric, and home health aides	13.45	1.9	521	3.0	27,076	3.0
Nursing aides, orderlies, and attendants	13.37	1.8	517	3.0	26,909	3.0
Psychiatric aides	14.00	8.8	540	4.2	28,079	4.2
Miscellaneous healthcare support occupations	14.93	3.7	592	3.5	30,683	3.5
Medical transcriptionists	15.91	9.1	631	9.3	32,814	9.3
Protective service occupations	15.32	6.3	611	6.4	31,790	6.4
Security guards and gaming surveillance officers	13.98	7.0	559	6.9	29,053	6.9
Security guards	13.98	7.0	559	6.9	29,053	6.9
Food preparation and serving related occupations	13.06	3.4	511	3.7	26,045	3.7
First-line supervisors/managers, food preparation and serving workers	17.98	.6	762	4.7	37,542	4.7
First-line supervisors/managers of food preparation and serving workers	17.96	.6	762	4.8	37,500	4.8
Cooks	15.18	6.1	595	5.5	30,639	5.5
Cooks, institution and cafeteria	15.51	5.2	607	4.6	31,209	4.6
Food preparation workers	13.55	20.5	539	20.5	28,045	20.5
Food service, tipped	9.77	8.5	369	8.8	18,698	8.8
Waiters and waitresses	8.81	22.9	309	21.2	16,076	21.2
Fast food and counter workers	12.18	9.0	462	10.8	23,034	10.8
Combined food preparation and serving workers, including fast food	12.66	15.1	491	17.4	25,511	17.4

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
Building and grounds cleaning and maintenance occupations	\$13.17	2.2%	\$518	2.1%	\$26,937	2.1%
First-line supervisors/managers, building and grounds cleaning and maintenance workers	19.75	1.3	787	1.4	40,934	1.4
Building cleaning workers	12.69	2.8	499	3.4	25,950	3.4
Janitors and cleaners, except maids and housekeeping cleaners	13.47	2.5	530	2.3	27,549	2.3
Maids and housekeeping cleaners	11.34	10.1	446	11.2	23,176	11.2
Grounds maintenance workers	14.37	2.2	559	2.3	29,085	2.3
Landscaping and groundskeeping workers	14.37	2.2	559	2.3	29,085	2.3
Personal care and service occupations	18.61	6.7	593	5.0	29,686	5.0
Sales and related occupations	26.25	10.2	1,037	9.7	53,728	9.7
First-line supervisors/managers, sales workers	25.86	16.0	1,059	17.3	53,715	17.3
First-line supervisors/managers of retail sales workers	23.29	30.8	987	35.6	51,309	35.6
Retail sales workers	12.83	2.6	499	2.5	25,861	2.5
Cashiers, all workers	10.96	3.1	425	2.9	21,820	2.9
Cashiers	10.96	3.1	425	2.9	21,820	2.9
Retail salespersons	13.39	4.5	522	4.1	27,131	4.1
Securities, commodities, and financial services sales agents	83.58	19.0	3,211	20.2	166,995	20.2
Sales representatives, wholesale and manufacturing	33.27	3.1	1,331	3.3	69,226	3.3
Sales representatives, wholesale and manufacturing, technical and scientific products	38.41	7.7	1,549	9.0	80,571	9.0
Sales representatives, wholesale and manufacturing, except technical and scientific products	26.29	9.2	1,041	10.4	54,117	10.4
Miscellaneous sales and related workers	21.50	31.3	863	32.4	44,856	32.4
Office and administrative support occupations	18.23	2.2	715	2.0	36,921	2.0
First-line supervisors/managers of office and administrative support workers	31.07	1.6	1,255	1.9	65,258	1.9
Financial clerks	17.39	1.7	682	1.4	35,464	1.4
Billing and posting clerks and machine operators	15.01	4.0	594	3.8	30,889	3.8

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
Office and administrative support occupations –Continued						
Bookkeeping, accounting, and auditing clerks	\$18.25	2.9%	\$705	2.8%	\$36,642	2.8%
Payroll and timekeeping clerks	21.43	10.3	850	10.8	44,188	10.8
Brokerage clerks	18.88	6.3	726	5.8	37,738	5.8
Customer service representatives	19.93	6.6	780	6.5	40,545	6.5
Receptionists and information clerks	13.30	1.9	523	1.0	26,247	1.0
Production, planning, and expediting clerks	22.00	3.9	879	4.0	45,708	4.0
Shipping, receiving, and traffic clerks	14.26	5.2	570	5.2	29,654	5.2
Stock clerks and order fillers	14.96	7.5	593	7.8	30,814	7.8
Secretaries and administrative assistants	19.65	1.8	766	1.6	39,496	1.6
Executive secretaries and administrative assistants	22.71	4.8	891	5.2	46,306	5.2
Medical secretaries	16.35	2.5	644	2.1	33,493	2.1
Secretaries, except legal, medical, and executive	17.79	3.8	683	3.0	34,683	3.0
Computer operators	17.75	10.1	708	10.3	36,820	10.3
Data entry and information processing workers	13.24	11.0	513	10.3	25,410	10.3
Data entry keyers	12.86	9.4	500	8.9	24,710	8.9
Insurance claims and policy processing clerks	17.00	2.9	665	3.7	34,569	3.7
Mail clerks and mail machine operators, except postal service	13.45	5.9	521	6.8	27,072	6.8
Office clerks, general	17.13	8.4	664	8.2	34,535	8.2
Construction and extraction occupations	30.68	4.8	1,227	4.7	63,774	4.7
Electricians	29.68	8.9	1,187	8.9	61,735	8.9
Pipelayers, plumbers, pipefitters, and steamfitters	32.25	6.0	1,289	6.0	67,042	6.0
Plumbers, pipefitters, and steamfitters	32.25	6.0	1,289	6.0	67,042	6.0
Installation, maintenance, and repair occupations	24.09	2.3	965	2.3	50,191	2.3
First-line supervisors/managers of mechanics, installers, and repairers	31.30	2.5	1,247	2.2	64,822	2.2
Radio and telecommunications equipment installers and repairers	29.23	1.2	1,167	1.3	60,667	1.3
Telecommunications equipment installers and repairers, except line installers	29.23	1.2	1,167	1.3	60,667	1.3
Aircraft mechanics and service technicians	28.60	3.4	1,144	3.4	59,491	3.4

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						
Heating, air conditioning, and refrigeration mechanics and installers	\$26.81	1.9%	\$1,072	1.9%	\$55,758	1.9%
Industrial machinery installation, repair, and maintenance workers	20.64	3.3	818	3.7	42,537	3.7
Industrial machinery mechanics	22.74	7.5	902	7.0	46,902	7.0
Maintenance and repair workers, general ..	20.42	4.3	804	5.0	41,826	5.0
Maintenance workers, machinery	17.49	6.7	700	6.7	36,384	6.7
Line installers and repairers	24.26	6.2	971	6.2	50,466	6.2
Electrical power-line installers and repairers	30.54	3.3	1,221	3.3	63,517	3.3
Telecommunications line installers and repairers	22.38	8.3	895	8.3	46,553	8.3
Production occupations	15.83	5.9	632	5.9	32,880	5.9
First-line supervisors/managers of production and operating workers	25.41	5.0	1,035	4.8	53,841	4.8
Electrical, electronics, and electromechanical assemblers	15.55	7.5	622	7.5	32,344	7.5
Electrical and electronic equipment assemblers	17.64	5.6	706	5.6	36,700	5.6
Electromechanical equipment assemblers	13.47	3.8	539	3.8	28,020	3.8
Miscellaneous assemblers and fabricators	11.94	5.1	477	5.1	24,829	5.1
Butchers and other meat, poultry, and fish processing workers	17.82	14.8	713	14.8	37,064	14.8
Computer-controlled machine tool operators, metal and plastic	12.29	10.3	491	10.3	25,557	10.3
Machine tool cutting setters, operators, and tenders, metal and plastic	18.52	8.8	741	8.8	38,515	8.8
Cutting, punching, and press machine setters, operators, and tenders, metal and plastic	14.99	8.1	599	8.1	31,170	8.1
Machinists	24.73	4.6	989	4.6	51,429	4.6
Molders and molding machine setters, operators, and tenders, metal and plastic	12.98	6.1	519	6.1	26,990	6.1
Molding, coremaking, and casting machine setters, operators, and tenders, metal and plastic	12.98	6.1	519	6.1	26,990	6.1
Multiple machine tool setters, operators, and tenders, metal and plastic	12.13	6.7	485	6.7	25,230	6.7
Tool and die makers	24.06	3.6	962	3.6	50,045	3.6
Welding, soldering, and brazing workers	18.87	3.8	755	3.8	39,243	3.8

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
Production occupations –Continued						
Welders, cutters, solderers, and brazers	\$19.08	4.1%	\$763	4.1%	\$39,681	4.1%
Miscellaneous metalworkers and plastic workers	16.25	3.6	650	3.6	33,792	3.6
Plating and coating machine setters, operators, and tenders, metal and plastic	17.35	2.5	694	2.5	36,087	2.5
Inspectors, testers, sorters, samplers, and weighers	17.11	5.1	688	5.5	35,782	5.5
Packaging and filling machine operators and tenders	12.18	4.9	487	4.9	25,332	4.9
Painting workers	16.57	5.6	663	5.6	34,460	5.6
Miscellaneous production workers	12.91	14.5	510	13.4	26,507	13.4
Transportation and material moving occupations						
Driver/sales workers and truck drivers	14.57	7.6	577	7.0	29,992	7.0
Truck drivers, heavy and tractor-trailer	18.01	11.9	715	11.3	37,148	11.3
Truck drivers, light or delivery services	21.96	3.3	856	4.4	44,385	4.4
Industrial truck and tractor operators	15.92	19.0	638	19.0	33,189	19.0
Laborers and material movers, hand	16.37	6.1	648	6.5	33,694	6.5
Laborers and freight, stock, and material movers, hand	11.24	5.6	448	5.4	23,293	5.4
Machine feeders and offbearers	11.72	8.5	466	8.2	24,257	8.2
Packers and packagers, hand	11.46	20.0	456	20.0	23,702	20.0
	9.89	5.4	396	5.4	20,570	5.4

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.