

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	\$20.32	6.7%	\$814	6.7%	\$42,141	6.7%
Management occupations	49.93	4.7	2,028	5.0	105,421	5.0
General and operations managers	54.83	9.2	2,280	10.2	118,564	10.2
Marketing and sales managers	47.71	13.6	1,975	15.0	102,674	15.0
Marketing managers	45.44	16.8	1,939	20.0	100,833	20.0
Computer and information systems managers	54.24	9.8	2,170	9.8	112,826	9.8
Financial managers	44.13	27.9	1,775	28.9	92,301	28.9
Human resources managers	50.97	15.7	2,040	15.7	106,099	15.7
Industrial production managers	46.70	3.9	1,878	4.1	97,564	4.1
Transportation, storage, and distribution managers	46.67	17.9	1,972	18.3	102,532	18.3
Education administrators	30.76	17.6	1,161	11.8	59,670	11.8
Education administrators, postsecondary ..	30.76	17.6	1,161	11.8	59,670	11.8
Engineering managers	62.75	8.6	2,538	7.6	131,884	7.6
Medical and health services managers	43.49	14.2	1,740	14.2	90,469	14.2
Business and financial operations occupations	28.56	4.1	1,149	3.7	59,724	3.7
Buyers and purchasing agents	26.30	4.2	1,051	4.2	54,677	4.2
Purchasing agents, except wholesale, retail, and farm products	26.29	4.2	1,049	4.2	54,568	4.2
Claims adjusters, appraisers, examiners, and investigators	29.42	9.0	1,164	9.2	60,543	9.2
Claims adjusters, examiners, and investigators	29.42	9.0	1,164	9.2	60,543	9.2
Cost estimators	34.76	10.8	1,390	10.8	72,299	10.8
Human resources, training, and labor relations specialists	24.18	8.4	962	8.6	50,037	8.6
Training and development specialists	20.88	8.4	832	8.4	43,283	8.4
Management analysts	36.79	10.0	1,462	9.5	76,016	9.5
Accountants and auditors	25.81	19.8	1,035	19.9	53,794	19.9
Financial analysts and advisors	28.82	5.5	1,147	5.7	59,630	5.7
Financial analysts	29.38	6.8	1,164	7.1	60,534	7.1
Insurance underwriters	28.10	5.7	1,124	5.7	58,446	5.7
Loan counselors and officers	18.35	18.3	734	18.3	38,169	18.3
Computer and mathematical science occupations	34.58	3.1	1,389	3.3	72,207	3.3
Computer programmers	34.47	4.6	1,361	4.2	70,750	4.2
Computer software engineers	41.22	5.4	1,671	5.9	86,904	5.9
Computer software engineers, applications	38.68	8.5	1,562	9.3	81,244	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
Computer and mathematical science occupations –Continued						
Computer software engineers, systems software	\$49.49	6.7%	\$2,031	8.1%	\$105,623	8.1%
Computer systems analysts	31.87	6.2	1,275	6.2	66,288	6.2
Network and computer systems administrators	30.61	5.0	1,224	5.0	63,671	5.0
Network systems and data communications analysts	36.34	17.0	1,484	16.8	77,152	16.8
Architecture and engineering occupations	38.66	8.4	1,553	8.3	80,568	8.3
Engineers	42.81	9.6	1,723	9.6	89,267	9.6
Industrial engineers, including health and safety	44.19	16.7	1,787	17.2	92,950	17.2
Industrial engineers	32.41	8.3	1,321	8.6	68,712	8.6
Mechanical engineers	36.22	10.4	1,449	10.4	73,978	10.4
Drafters	23.78	12.4	951	12.4	49,459	12.4
Engineering technicians, except drafters	28.50	5.4	1,140	5.4	59,273	5.4
Electrical and electronic engineering technicians	29.37	4.2	1,175	4.2	61,082	4.2
Life, physical, and social science occupations						
Physical scientists	40.82	22.6	1,772	22.6	92,158	22.6
Community and social services occupations	17.63	4.8	700	4.7	36,322	4.7
Counselors	14.03	3.6	581	4.3	30,078	4.3
Social workers	19.06	9.0	730	7.1	37,977	7.1
Legal occupations	44.85	7.5	1,767	8.7	91,886	8.7
Lawyers	60.06	3.9	2,402	3.9	124,926	3.9
Education, training, and library occupations	32.11	7.6	1,220	6.7	47,943	6.7
Postsecondary teachers	35.39	8.4	1,375	5.1	57,121	5.1
Arts, communications, and humanities teachers, postsecondary	33.62	3.5	1,339	3.8	54,291	3.8
Miscellaneous postsecondary teachers	31.25	19.2	1,121	9.4	45,183	9.4
Arts, design, entertainment, sports, and media occupations	22.82	4.8	913	4.8	47,468	4.8
Designers	15.67	16.6	627	16.6	32,603	16.6
Graphic designers	15.67	16.6	627	16.6	32,603	16.6

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 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	\$27.22	4.4%	\$1,072	4.6%	\$55,730	4.6%
Pharmacists	54.24	1.0	2,170	1.0	112,822	1.0
Registered nurses	29.93	5.4	1,166	5.9	60,616	5.9
Therapists	21.43	2.9	852	2.5	44,324	2.5
Respiratory therapists	22.31	5.3	892	5.3	46,408	5.3
Clinical laboratory technologists and technicians	22.86	4.6	895	4.9	46,564	4.9
Medical and clinical laboratory technologists	24.67	5.9	987	5.9	51,313	5.9
Medical and clinical laboratory technicians	21.06	5.4	809	5.9	42,056	5.9
Diagnostic related technologists and technicians	22.58	10.1	903	10.1	46,963	10.1
Radiologic technologists and technicians ..	22.72	3.5	909	3.5	47,265	3.5
Health diagnosing and treating practitioner support technicians	16.46	3.8	657	3.5	34,149	3.5
Surgical technologists	16.30	5.1	649	4.5	33,769	4.5
Licensed practical and licensed vocational nurses	17.79	3.4	705	3.5	36,675	3.5
Medical records and health information technicians	10.49	8.4	419	8.4	21,812	8.4
Healthcare support occupations	11.13	4.2	432	4.5	22,477	4.5
Nursing, psychiatric, and home health aides	10.23	2.9	394	3.1	20,491	3.1
Nursing aides, orderlies, and attendants	10.21	2.6	394	2.6	20,483	2.6
Miscellaneous healthcare support occupations	13.10	3.1	521	3.3	27,105	3.3
Protective service occupations	11.17	7.5	447	7.5	23,241	7.5
Security guards and gaming surveillance officers	10.72	10.1	429	10.1	22,289	10.1
Security guards	10.54	10.5	422	10.5	21,922	10.5
Food preparation and serving related occupations	8.22	9.2	324	8.6	16,777	8.6
Cooks	11.71	7.1	461	7.9	23,968	7.9
Cooks, institution and cafeteria	11.03	10.5	441	10.5	22,945	10.5
Food service, tipped	6.33	9.4	251	10.1	13,054	10.1
Dining room and cafeteria attendants and bartender helpers	9.49	3.3	368	5.1	19,160	5.1
Fast food and counter workers	9.38	7.1	357	8.1	18,448	8.1

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 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
Food preparation and serving related occupations –Continued						
Combined food preparation and serving workers, including fast food	\$9.36	7.2%	\$356	8.2%	\$18,386	8.2%
Building and grounds cleaning and maintenance occupations	10.81	3.3	430	3.0	22,335	3.0
Building cleaning workers	10.18	4.4	404	4.0	21,017	4.0
Janitors and cleaners, except maids and housekeeping cleaners	11.43	4.7	452	4.9	23,481	4.9
Maids and housekeeping cleaners	9.08	4.7	363	4.5	18,852	4.5
Grounds maintenance workers	14.85	12.6	594	12.6	30,329	12.6
Landscaping and groundskeeping workers	14.85	12.6	594	12.6	30,329	12.6
Personal care and service occupations	9.23	10.9	370	10.5	19,165	10.5
First-line supervisors/managers of gaming workers	15.62	2.1	635	2.0	33,031	2.0
Gaming supervisors	19.43	1.6	805	1.3	41,864	1.3
Gaming services workers	6.75	.1	270	.1	14,047	.1
Gaming dealers	6.75	.1	270	.1	14,047	.1
Sales and related occupations	20.10	12.1	804	12.2	41,832	12.2
First-line supervisors/managers, sales workers	20.30	9.9	812	9.9	42,224	9.9
Retail sales workers	11.91	3.4	473	3.5	24,610	3.5
Cashiers, all workers	12.03	6.4	481	6.4	24,995	6.4
Sales representatives, wholesale and manufacturing	28.81	11.1	1,167	11.0	60,694	11.0
Sales representatives, wholesale and manufacturing, except technical and scientific products	28.25	11.7	1,146	11.7	59,575	11.7
Office and administrative support occupations	14.80	3.0	591	3.0	30,717	3.0
First-line supervisors/managers of office and administrative support workers	21.01	4.6	859	4.2	44,666	4.2
Financial clerks	13.17	7.8	526	7.7	27,339	7.7
Bill and account collectors	10.67	10.8	427	10.8	22,195	10.8
Billing and posting clerks and machine operators	13.40	9.8	536	9.8	27,875	9.8
Bookkeeping, accounting, and auditing clerks	15.34	4.1	612	4.1	31,843	4.1
Payroll and timekeeping clerks	17.93	3.2	708	2.1	36,802	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 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						
Customer service representatives	\$14.22	5.1%	\$568	5.2%	\$29,541	5.2%
Interviewers, except eligibility and loan	14.13	9.7	561	9.6	29,181	9.6
Loan interviewers and clerks	14.33	6.2	573	6.2	29,816	6.2
Order clerks	12.75	9.7	505	10.1	26,254	10.1
Human resources assistants, except payroll and timekeeping	14.86	7.1	563	3.0	29,196	3.0
Receptionists and information clerks	11.30	4.5	452	4.5	23,498	4.5
Production, planning, and expediting clerks	19.94	10.2	791	10.5	41,155	10.5
Stock clerks and order fillers	12.32	2.5	490	2.5	25,448	2.5
Secretaries and administrative assistants	18.78	6.1	748	6.2	38,908	6.2
Executive secretaries and administrative assistants	21.55	9.0	862	9.0	44,827	9.0
Medical secretaries	12.88	2.3	512	2.1	26,640	2.1
Secretaries, except legal, medical, and executive	15.45	5.6	616	5.7	32,011	5.7
Data entry and information processing workers	13.80	5.5	549	5.0	28,552	5.0
Data entry keyers	13.36	3.2	534	3.2	27,785	3.2
Insurance claims and policy processing clerks	16.58	1.5	648	1.8	33,680	1.8
Office clerks, general	13.10	8.5	519	8.2	26,975	8.2
Construction and extraction occupations	21.86	10.4	865	10.2	44,586	10.2
Electricians	24.82	4.6	993	4.6	51,631	4.6
Pipelayers, plumbers, pipefitters, and steamfitters	24.42	10.3	911	6.8	47,372	6.8
Plumbers, pipefitters, and steamfitters	24.42	10.3	911	6.8	47,372	6.8
Installation, maintenance, and repair occupations	22.02	6.5	882	6.5	45,823	6.5
Miscellaneous electrical and electronic equipment mechanics, installers, and repairers	19.73	24.1	789	24.1	41,032	24.1
Aircraft mechanics and service technicians ..	33.93	13.1	1,357	13.1	70,582	13.1
Automotive technicians and repairers	17.48	25.1	703	25.2	36,555	25.2
Automotive service technicians and mechanics	17.07	26.6	687	26.7	35,726	26.7
Bus and truck mechanics and diesel engine specialists	18.95	4.1	758	4.1	39,421	4.1
Industrial machinery installation, repair, and maintenance workers	21.76	4.6	870	4.6	45,240	4.6

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 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
Installation, maintenance, and repair occupations –Continued						
Industrial machinery mechanics	\$24.21	4.6%	\$968	4.6%	\$50,356	4.6%
Maintenance and repair workers, general ..	20.99	8.5	837	8.6	43,523	8.6
Maintenance workers, machinery	17.16	2.3	687	2.4	35,746	2.4
Line installers and repairers	30.97	2.8	1,239	2.8	64,408	2.8
Miscellaneous installation, maintenance, and repair workers	19.59	13.9	782	13.9	40,320	13.9
Production occupations						
First-line supervisors/managers of production and operating workers	16.51	5.1	657	5.1	34,073	5.1
Electrical, electronics, and electromechanical assemblers	23.31	7.0	935	7.1	48,450	7.1
Electrical and electronic equipment assemblers	13.43	5.3	537	5.3	27,931	5.3
Miscellaneous assemblers and fabricators	11.80	5.2	472	5.2	24,534	5.2
Team assemblers	16.74	8.6	670	8.6	34,760	8.6
Butchers and other meat, poultry, and fish processing workers	15.71	14.2	628	14.2	32,675	14.2
Meat, poultry, and fish cutters and trimmers	9.94	13.1	395	12.9	20,565	12.9
Miscellaneous food processing workers	9.24	12.4	370	12.4	19,221	12.4
Food batchmakers	15.74	8.3	613	6.7	31,868	6.7
Machine tool cutting setters, operators, and tenders, metal and plastic	16.04	8.6	622	7.1	32,355	7.1
Cutting, punching, and press machine setters, operators, and tenders, metal and plastic	13.85	17.4	550	17.8	28,605	17.8
Machinists	13.93	26.0	557	26.0	28,980	26.0
Molders and molding machine setters, operators, and tenders, metal and plastic	23.41	9.9	936	9.9	48,687	9.9
Molding, coremaking, and casting machine setters, operators, and tenders, metal and plastic	14.09	7.9	556	7.8	28,909	7.8
Tool and die makers	14.09	7.9	556	7.8	28,909	7.8
Welding, soldering, and brazing workers	22.56	16.2	902	16.2	46,916	16.2
Welders, cutters, solderers, and brazers	17.72	4.1	698	4.3	36,281	4.3
Welding, soldering, and brazing machine setters, operators, and tenders	17.85	11.3	714	11.3	37,130	11.3
Miscellaneous metalworkers and plastic workers	17.58	6.7	681	6.3	35,402	6.3
Printing machine operators	15.66	7.1	608	5.7	31,519	5.7
	19.57	7.2	783	7.2	40,697	7.2

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 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						
Laundry and dry-cleaning workers	\$9.23	7.2%	\$369	7.2%	\$19,188	7.2%
Sewing machine operators	12.28	12.9	478	13.3	24,191	13.3
Textile machine setters, operators, and tenders	13.64	10.9	548	11.1	28,511	11.1
Miscellaneous textile, apparel, and furnishings workers	15.90	11.1	636	11.1	33,082	11.1
Woodworking machine setters, operators, and tenders	11.37	7.4	422	6.1	21,446	6.1
Miscellaneous plant and system operators	28.90	1.0	1,150	1.1	59,824	1.1
Chemical processing machine setters, operators, and tenders	15.33	27.6	613	27.6	31,891	27.6
Crushing, grinding, polishing, mixing, and blending workers	19.00	9.4	760	9.4	39,516	9.4
Mixing and blending machine setters, operators, and tenders	19.74	9.2	790	9.2	41,055	9.2
Cutting workers	15.26	15.6	603	16.0	31,378	16.0
Inspectors, testers, sorters, samplers, and weighers	15.23	5.0	609	4.9	31,670	4.9
Painting workers	20.92	9.9	837	9.9	43,509	9.9
Miscellaneous production workers	16.39	4.5	651	4.5	33,819	4.5
Helpers--production workers	13.53	4.7	541	4.7	28,056	4.7
Transportation and material moving occupations						
Aircraft pilots and flight engineers	122.63	4.8	3,329	8.8	173,112	8.8
Airline pilots, copilots, and flight engineers	122.63	4.8	3,329	8.8	173,112	8.8
Driver/sales workers and truck drivers	17.66	4.5	817	5.8	42,214	5.8
Truck drivers, heavy and tractor-trailer	17.39	7.1	883	10.5	45,391	10.5
Truck drivers, light or delivery services	18.62	5.6	745	5.6	38,722	5.6
Industrial truck and tractor operators	13.99	3.1	558	3.2	28,979	3.2
Laborers and material movers, hand	12.46	5.6	495	5.6	25,619	5.6
Laborers and freight, stock, and material movers, hand	12.20	5.0	485	5.1	25,081	5.1

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 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						
Machine feeders and offbearers	\$11.91	22.1%	\$465	21.9%	\$24,173	21.9%
Packers and packagers, hand	11.44	7.4	458	7.4	23,684	7.4

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/opub/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.