

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	\$22.77	5.4%	\$905	5.6%	\$46,943	5.6%
Management occupations	47.41	5.9	1,963	5.5	102,031	5.5
General and operations managers	54.21	5.6	2,378	5.1	123,675	5.1
Marketing and sales managers	48.64	8.6	2,023	9.2	105,220	9.2
Marketing managers	49.96	11.1	2,051	12.7	106,640	12.7
Sales managers	46.18	6.2	1,970	8.0	102,461	8.0
Computer and information systems managers	50.37	6.8	2,058	8.4	106,755	8.4
Financial managers	39.13	4.5	1,565	4.5	81,383	4.5
Human resources managers	35.00	6.7	1,559	10.3	81,052	10.3
Compensation and benefits managers	33.42	9.3	1,491	12.5	77,550	12.5
Construction managers	34.58	9.3	1,457	10.0	75,779	10.0
Engineering managers	62.24	1.9	2,556	2.2	132,910	2.2
Medical and health services managers	57.47	13.7	2,299	13.7	119,546	13.7
Business and financial operations occupations	29.51	4.4	1,191	4.1	61,954	4.1
Buyers and purchasing agents	25.88	6.1	1,088	5.5	56,574	5.5
Purchasing agents, except wholesale, retail, and farm products	27.94	8.9	1,182	9.0	61,463	9.0
Cost estimators	37.24	10.7	1,512	10.9	78,635	10.9
Human resources, training, and labor relations specialists	27.98	6.2	1,112	6.4	57,826	6.4
Training and development specialists	27.33	6.3	1,093	6.3	56,838	6.3
Management analysts	32.77	17.7	1,311	17.7	68,153	17.7
Accountants and auditors	27.77	4.0	1,121	4.0	58,306	4.0
Financial analysts and advisors	32.43	12.5	1,289	12.8	67,002	12.8
Computer and mathematical science occupations	37.61	3.4	1,533	3.6	79,709	3.6
Computer programmers	40.21	11.0	1,608	11.0	83,637	11.0
Computer software engineers	43.94	3.1	1,797	3.0	93,461	3.0
Computer software engineers, systems software	45.57	3.6	1,887	3.3	98,107	3.3
Computer support specialists	23.46	16.9	938	16.9	48,801	16.9
Computer systems analysts	35.02	7.6	1,490	5.9	77,458	5.9
Database administrators	41.87	17.6	1,675	17.6	87,095	17.6
Network and computer systems administrators	30.09	17.3	1,206	17.3	62,701	17.3
Architecture and engineering occupations	36.85	2.0	1,489	2.3	77,435	2.3
Architects, except naval	38.56	14.3	1,542	14.3	80,203	14.3
Engineers	41.02	3.6	1,665	4.0	86,604	4.0

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
Architecture and engineering occupations						
–Continued						
Civil engineers	\$45.63	8.9%	\$1,825	8.9%	\$94,907	8.9%
Electrical and electronics engineers	44.62	4.8	1,785	4.8	92,818	4.8
Electrical engineers	47.59	4.2	1,904	4.2	98,986	4.2
Electronics engineers, except computer	41.91	8.7	1,676	8.7	87,168	8.7
Industrial engineers, including health and safety	29.15	5.6	1,258	8.0	65,405	8.0
Industrial engineers	29.15	5.6	1,258	8.0	65,405	8.0
Mechanical engineers	43.71	7.0	1,748	7.0	90,913	7.0
Engineering technicians, except drafters	25.79	5.2	1,032	5.2	53,650	5.2
Electrical and electronic engineering technicians	26.64	6.7	1,065	6.7	55,403	6.7
Life, physical, and social science occupations	33.19	9.9	1,328	9.9	69,041	9.9
Physical scientists	35.76	16.6	1,431	16.6	74,390	16.6
Community and social services occupations	18.01	9.1	725	8.8	37,699	8.8
Counselors	20.18	2.8	798	2.6	41,501	2.6
Educational, vocational, and school counselors	20.48	2.0	810	2.2	42,141	2.2
Social workers	17.85	2.2	713	2.3	37,050	2.3
Miscellaneous community and social service specialists	13.27	6.5	541	7.4	28,124	7.4
Social and human service assistants	12.15	10.5	475	11.8	24,696	11.8
Education, training, and library occupations	37.95	20.7	1,496	21.5	65,999	21.5
Postsecondary teachers	36.58	9.8	1,453	9.7	61,795	9.7
Primary, secondary, and special education school teachers	30.55	.0	1,202	.0	55,157	.0
Arts, design, entertainment, sports, and media occupations	27.57	3.5	1,103	3.5	56,744	3.5
Designers	25.01	13.5	1,000	13.5	52,013	13.5
Graphic designers	19.32	4.8	773	4.8	40,188	4.8
Writers and editors	29.48	4.0	1,179	4.0	61,313	4.0
Editors	29.57	8.8	1,183	8.8	61,495	8.8
Healthcare practitioner and technical occupations	33.42	10.4	1,312	11.0	68,234	11.0
Pharmacists	53.09	3.0	1,989	4.3	103,450	4.3
Physicians and surgeons	125.22	18.4	5,134	25.7	266,968	25.7
Registered nurses	32.16	5.1	1,249	5.3	64,961	5.3

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
Healthcare practitioner and technical occupations –Continued						
Therapists	\$23.81	6.7%	\$912	8.4%	\$47,448	8.4%
Occupational therapists	34.75	5.5	1,390	5.5	72,270	5.5
Respiratory therapists	23.50	3.2	878	2.4	45,674	2.4
Clinical laboratory technologists and technicians	18.37	5.5	726	5.3	37,756	5.3
Medical and clinical laboratory technicians	17.29	4.5	683	4.5	35,499	4.5
Diagnostic related technologists and technicians	30.33	10.9	1,213	10.9	63,094	10.9
Radiologic technologists and technicians ..	23.59	14.3	944	14.3	49,067	14.3
Health diagnosing and treating practitioner support technicians	19.44	5.7	767	5.9	39,891	5.9
Surgical technologists	22.18	6.4	873	6.5	45,417	6.5
Licensed practical and licensed vocational nurses	20.72	4.1	824	4.1	42,848	4.1
Healthcare support occupations	12.56	3.8	492	3.4	25,577	3.4
Nursing, psychiatric, and home health aides	12.21	1.3	477	1.4	24,799	1.4
Nursing aides, orderlies, and attendants	12.59	2.5	493	2.9	25,631	2.9
Physical therapist assistants and aides	13.79	22.6	552	22.6	28,691	22.6
Miscellaneous healthcare support occupations	13.72	12.4	538	11.3	27,993	11.3
Protective service occupations	12.11	6.6	481	7.9	25,012	7.9
Security guards and gaming surveillance officers	11.51	5.3	451	6.1	23,463	6.1
Security guards	11.51	5.3	451	6.1	23,463	6.1
Food preparation and serving related occupations	10.17	2.8	393	3.3	20,367	3.3
First-line supervisors/managers, food preparation and serving workers	18.49	8.5	742	9.6	38,600	9.6
First-line supervisors/managers of food preparation and serving workers	17.84	8.4	717	10.3	37,289	10.3
Cooks	11.80	5.1	458	5.1	23,813	5.1
Cooks, institution and cafeteria	12.61	4.6	505	4.6	26,239	4.6
Cooks, restaurant	11.73	6.2	449	5.5	23,369	5.5
Food preparation workers	11.76	3.5	461	5.8	23,979	5.8
Food service, tipped	7.67	5.0	291	4.7	15,156	4.7
Bartenders	9.21	12.2	354	14.4	18,414	14.4
Waiters and waitresses	7.06	8.5	269	8.7	13,993	8.7

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
Food preparation and serving related occupations –Continued						
Dining room and cafeteria attendants and bartender helpers	\$8.07	4.7%	\$304	6.7%	\$15,820	6.7%
Fast food and counter workers	9.29	5.8	352	6.2	17,823	6.2
Combined food preparation and serving workers, including fast food	9.49	8.0	363	8.3	18,283	8.3
Dishwashers	10.29	8.4	412	8.4	21,413	8.4
Building and grounds cleaning and maintenance occupations	11.76	3.2	462	2.8	23,589	2.8
First-line supervisors/managers, building and grounds cleaning and maintenance workers	18.40	15.6	749	16.9	38,964	16.9
Building cleaning workers	10.94	4.4	431	4.7	22,022	4.7
Janitors and cleaners, except maids and housekeeping cleaners	11.22	7.5	444	7.8	23,070	7.8
Maids and housekeeping cleaners	10.58	7.3	414	7.0	20,641	7.0
Grounds maintenance workers	13.02	11.9	500	13.3	25,265	13.3
Landscaping and groundskeeping workers	12.26	8.7	468	10.4	23,545	10.4
Personal care and service occupations	12.15	6.0	457	4.0	23,647	4.0
First-line supervisors/managers of gaming workers	17.81	2.7	717	2.7	37,275	2.7
Gaming supervisors	19.24	3.6	777	3.9	40,410	3.9
Gaming services workers	7.67	4.8	304	5.2	15,824	5.2
Gaming dealers	7.58	5.0	301	5.4	15,641	5.4
Sales and related occupations	17.59	6.3	702	6.2	36,508	6.2
First-line supervisors/managers, sales workers	25.37	9.5	1,015	9.5	52,773	9.5
First-line supervisors/managers of retail sales workers	22.93	13.8	917	13.8	47,695	13.8
Retail sales workers	12.83	5.2	511	5.6	26,563	5.6
Cashiers, all workers	11.67	5.8	459	5.7	23,862	5.7
Cashiers	11.69	6.7	458	6.7	23,837	6.7
Gaming change persons and booth cashiers	11.55	10.6	462	10.6	24,030	10.6
Retail salespersons	14.03	5.9	563	6.6	29,284	6.6
Securities, commodities, and financial services sales agents	37.90	22.0	1,512	22.2	78,607	22.2
Sales representatives, wholesale and manufacturing	35.05	19.5	1,402	19.5	72,895	19.5

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
Sales and related occupations –Continued						
Sales representatives, wholesale and manufacturing, except technical and scientific products	\$27.58	2.3%	\$1,103	2.3%	\$57,371	2.3%
Telemarketers	14.29	12.1	539	11.6	28,004	11.6
Miscellaneous sales and related workers	18.18	13.0	727	13.0	37,809	13.0
Office and administrative support occupations						
First-line supervisors/managers of office and administrative support workers	15.44	2.6	613	2.5	31,866	2.5
Financial clerks	22.00	5.4	880	5.4	45,765	5.4
Bill and account collectors	14.84	3.6	590	3.6	30,689	3.6
Bookkeeping, accounting, and auditing clerks	14.87	6.3	595	6.3	30,928	6.3
Payroll and timekeeping clerks	15.03	5.5	599	5.4	31,132	5.4
Customer service representatives	18.53	11.1	741	11.1	38,545	11.1
Hotel, motel, and resort desk clerks	13.87	3.1	550	3.1	28,604	3.1
Loan interviewers and clerks	11.66	6.5	466	6.5	24,246	6.5
Order clerks	18.59	10.6	744	10.6	38,662	10.6
Human resources assistants, except payroll and timekeeping	19.49	23.0	779	23.0	40,534	23.0
Receptionists and information clerks	15.53	6.1	621	6.1	32,302	6.1
Reservation and transportation ticket agents and travel clerks	11.98	6.4	466	6.0	24,236	6.0
Production, planning, and expediting clerks	16.76	9.2	670	9.2	34,860	9.2
Shipping, receiving, and traffic clerks	23.16	17.4	920	17.5	47,825	17.5
Stock clerks and order fillers	13.49	5.9	540	5.9	28,065	5.9
Secretaries and administrative assistants	12.96	6.4	514	6.7	26,744	6.7
Executive secretaries and administrative assistants	19.42	4.8	772	4.6	40,125	4.6
Medical secretaries	23.27	6.8	928	6.9	48,271	6.9
Secretaries, except legal, medical, and executive	16.82	7.4	662	7.7	34,415	7.7
Data entry and information processing workers	15.15	10.5	606	10.5	31,496	10.5
Data entry keyers	12.24	2.0	462	4.9	24,010	4.9
Insurance claims and policy processing clerks	12.24	2.0	462	4.9	24,010	4.9
Office clerks, general	13.13	7.2	525	7.2	27,306	7.2
	15.10	4.9	603	4.9	31,350	4.9
Construction and extraction occupations	19.96	5.2	798	5.3	41,506	5.3

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
Construction and extraction occupations						
–Continued						
First-line supervisors/managers of construction trades and extraction workers	\$25.26	8.0%	\$1,026	8.1%	\$53,368	8.1%
Carpenters	19.53	10.2	780	10.2	40,560	10.2
Construction laborers	15.72	14.6	629	14.6	32,699	14.6
Pipelayers, plumbers, pipefitters, and steamfitters	23.04	20.5	921	20.5	47,915	20.5
Plumbers, pipefitters, and steamfitters	23.85	23.1	954	23.1	49,602	23.1
Roofers	13.88	15.9	555	15.9	28,866	15.9
Installation, maintenance, and repair occupations						
First-line supervisors/managers of mechanics, installers, and repairers	24.61	5.9	983	5.9	51,140	5.9
Miscellaneous electrical and electronic equipment mechanics, installers, and repairers	38.70	12.4	1,548	12.4	80,494	12.4
Electrical and electronics repairers, commercial and industrial equipment	28.17	3.2	1,120	3.2	58,249	3.2
Aircraft mechanics and service technicians ..	29.09	2.1	1,155	2.1	60,067	2.1
Automotive technicians and repairers	21.58	5.7	863	5.7	44,881	5.7
Automotive service technicians and mechanics	19.11	7.8	769	8.3	39,992	8.3
Bus and truck mechanics and diesel engine specialists	19.11	7.8	769	8.3	39,992	8.3
Industrial machinery installation, repair, and maintenance workers	19.00	2.3	760	2.3	39,510	2.3
Industrial machinery mechanics	23.52	5.5	936	5.7	48,696	5.7
Maintenance and repair workers, general ..	26.82	4.1	1,068	4.3	55,551	4.3
Miscellaneous installation, maintenance, and repair workers	21.00	4.2	838	4.4	43,581	4.4
Production occupations	17.72	7.1	709	7.1	36,856	7.1
Electrical, electronics, and electromechanical assemblers	20.61	13.0	821	13.1	42,707	13.1
Electrical and electronic equipment assemblers	13.81	5.0	553	5.0	28,735	5.0
Miscellaneous assemblers and fabricators	14.03	4.9	561	4.9	29,183	4.9
Team assemblers	13.73	6.3	549	6.3	28,561	6.3
Bakers	12.98	6.2	519	6.2	27,001	6.2
	17.33	6.8	693	6.8	36,050	6.8

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 –Continued						
Butchers and other meat, poultry, and fish processing workers	\$12.57	11.1%	\$492	10.1%	\$25,592	10.1%
Computer control programmers and operators	19.85	15.0	794	15.0	41,297	15.0
Machinists	25.97	9.8	1,031	10.0	53,629	10.0
Welding, soldering, and brazing workers	16.47	16.8	659	16.8	34,264	16.8
Welders, cutters, solderers, and brazers	16.47	16.8	659	16.8	34,264	16.8
Printers	21.44	13.4	813	11.5	42,298	11.5
Printing machine operators	22.51	15.8	860	12.5	44,727	12.5
Laundry and dry-cleaning workers	8.26	6.9	330	6.9	17,171	6.9
Inspectors, testers, sorters, samplers, and weighers	21.28	8.8	851	8.8	44,270	8.8
Packaging and filling machine operators and tenders	15.72	5.2	624	4.7	32,446	4.7
Semiconductor processors	20.99	6.6	835	7.2	43,406	7.2
Miscellaneous production workers	16.55	24.6	659	24.9	34,243	24.9
Transportation and material moving occupations						
First-line supervisors/managers of transportation and material-moving machine and vehicle operators	26.05	16.8	1,042	16.8	54,192	16.8
Aircraft pilots and flight engineers	117.06	13.5	2,591	17.2	134,757	17.2
Airline pilots, copilots, and flight engineers	117.06	13.5	2,591	17.2	134,757	17.2
Driver/sales workers and truck drivers	18.95	9.4	758	9.4	39,418	9.4
Truck drivers, heavy and tractor-trailer	20.73	13.6	829	13.6	43,117	13.6
Truck drivers, light or delivery services	17.18	5.8	687	5.8	35,742	5.8
Industrial truck and tractor operators	16.68	10.9	665	11.1	34,578	11.1
Laborers and material movers, hand	12.14	7.9	482	7.7	25,054	7.7
Laborers and freight, stock, and material movers, hand	12.62	11.0	503	11.0	26,179	11.0
Packers and packagers, hand	11.79	6.0	455	6.8	23,654	6.8

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.