

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	\$20.12	9.5%	\$799	9.6%	\$41,407	9.6%
Management occupations	43.39	8.5	1,766	8.8	91,801	8.8
General and operations managers	60.61	13.0	2,499	11.3	129,944	11.3
Marketing and sales managers	62.31	11.1	2,583	13.3	134,336	13.3
Marketing managers	64.94	15.5	2,719	18.3	141,398	18.3
Computer and information systems managers	50.09	16.6	2,043	19.2	105,275	19.2
Financial managers	39.16	8.7	1,570	8.6	81,618	8.6
Human resources managers	36.81	10.7	1,568	10.4	81,529	10.4
Industrial production managers	47.29	1.0	1,978	1.3	102,853	1.3
Engineering managers	63.62	6.6	2,588	5.7	134,561	5.7
Medical and health services managers	41.36	4.0	1,653	4.0	85,941	4.0
Business and financial operations occupations	27.57	6.8	1,108	6.3	57,625	6.3
Buyers and purchasing agents	23.55	10.6	970	8.1	50,455	8.1
Wholesale and retail buyers, except farm products	22.07	18.4	928	14.7	48,248	14.7
Purchasing agents, except wholesale, retail, and farm products	24.51	9.6	997	7.4	51,837	7.4
Claims adjusters, appraisers, examiners, and investigators	30.75	41.1	1,216	40.1	63,209	40.1
Claims adjusters, examiners, and investigators	30.75	41.1	1,216	40.1	63,209	40.1
Human resources, training, and labor relations specialists	31.67	7.1	1,256	7.5	65,290	7.5
Management analysts	32.64	23.1	1,306	23.1	67,900	23.1
Accountants and auditors	24.84	3.0	1,005	3.5	52,241	3.5
Financial analysts and advisors	22.37	10.4	885	10.4	46,016	10.4
Financial analysts	27.24	3.5	1,090	3.5	56,667	3.5
Computer and mathematical science occupations	35.24	1.9	1,422	2.3	73,939	2.3
Computer programmers	35.41	16.4	1,417	16.4	73,660	16.4
Computer software engineers	41.76	2.9	1,693	2.7	88,061	2.7
Computer software engineers, applications software	36.27	7.1	1,457	7.3	75,774	7.3
Computer software engineers, systems software	44.12	3.8	1,797	3.9	93,431	3.9
Computer support specialists	22.10	11.4	884	11.4	45,968	11.4
Computer systems analysts	32.83	8.8	1,332	10.1	69,257	10.1
Architecture and engineering occupations	33.67	3.7	1,354	3.9	70,390	3.9
Engineers	39.77	3.8	1,604	4.5	83,389	4.5

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
Architecture and engineering occupations						
–Continued						
Civil engineers	\$43.79	1.7%	\$1,752	1.7%	\$91,088	1.7%
Electrical and electronics engineers	40.71	5.7	1,628	5.7	84,670	5.7
Electrical engineers	42.90	3.8	1,716	3.8	89,237	3.8
Electronics engineers, except computer	38.85	11.6	1,554	11.6	80,800	11.6
Industrial engineers, including health and safety	32.18	7.2	1,325	6.3	68,906	6.3
Industrial engineers	32.34	7.2	1,332	6.1	69,285	6.1
Mechanical engineers	46.63	4.5	1,865	4.5	96,984	4.5
Drafters	22.40	10.4	896	10.4	46,587	10.4
Engineering technicians, except drafters	21.05	7.1	842	7.1	43,785	7.1
Electrical and electronic engineering technicians	20.66	9.5	826	9.5	42,968	9.5
Life, physical, and social science occupations	33.07	7.2	1,324	7.2	68,867	7.2
Physical scientists	30.76	4.7	1,230	4.7	63,976	4.7
Community and social services occupations	17.34	7.8	687	8.8	35,718	8.8
Counselors	20.80	8.9	819	9.7	42,593	9.7
Social workers	17.63	2.3	701	1.7	36,457	1.7
Miscellaneous community and social service specialists	12.39	9.9	483	11.4	25,128	11.4
Social and human service assistants	12.06	11.8	468	13.3	24,341	13.3
Education, training, and library occupations	36.51	27.1	1,440	28.0	61,649	28.0
Postsecondary teachers	34.19	10.8	1,361	10.9	55,043	10.9
Primary, secondary, and special education school teachers	30.55	1.7	1,200	1.0	49,890	1.0
Elementary and middle school teachers	32.98	.8	1,286	.2	49,864	.2
Elementary school teachers, except special education	33.61	1.8	1,301	.3	51,565	.3
Other teachers and instructors	43.40	45.9	1,736	45.9	89,113	45.9
Arts, design, entertainment, sports, and media occupations	25.62	5.9	1,023	5.7	52,977	5.7
Designers	23.54	16.5	941	16.5	48,954	16.5
Graphic designers	19.44	6.6	778	6.6	40,434	6.6
News analysts, reporters and correspondents	24.83	7.8	978	8.4	49,077	8.4
Reporters and correspondents	24.83	7.8	978	8.4	49,077	8.4
Writers and editors	29.06	5.6	1,162	5.6	60,441	5.6
Editors	29.86	9.1	1,194	9.1	62,109	9.1

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 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	\$27.73	4.1%	\$1,094	4.0%	\$56,890	4.0%
Physicians and surgeons	74.33	7.6	2,714	1.2	141,112	1.2
Registered nurses	30.86	8.2	1,213	8.1	63,083	8.1
Therapists	21.98	7.2	876	6.9	45,534	6.9
Occupational therapists	30.73	6.7	1,229	6.7	63,928	6.7
Clinical laboratory technologists and technicians	18.28	4.6	730	4.5	37,985	4.5
Medical and clinical laboratory technicians	16.60	2.3	663	2.2	34,500	2.2
Diagnostic related technologists and technicians	28.36	17.1	1,134	17.1	58,989	17.1
Health diagnosing and treating practitioner support technicians	17.45	8.5	688	9.0	35,769	9.0
Pharmacy technicians	14.05	12.8	562	12.8	29,228	12.8
Licensed practical and licensed vocational nurses	18.10	3.8	715	3.1	37,194	3.1
Healthcare support occupations	11.34	7.5	445	7.4	23,143	7.4
Nursing, psychiatric, and home health aides	11.37	5.8	445	5.9	23,120	5.9
Nursing aides, orderlies, and attendants	11.66	4.3	457	4.3	23,769	4.3
Miscellaneous healthcare support occupations	11.61	15.1	462	14.4	24,005	14.4
Protective service occupations	11.03	4.4	448	6.0	23,287	6.0
Security guards and gaming surveillance officers	10.83	3.5	432	3.5	22,457	3.5
Security guards	10.83	3.5	432	3.5	22,457	3.5
Food preparation and serving related occupations	9.24	4.6	362	5.5	18,724	5.5
First-line supervisors/managers, food preparation and serving workers	15.65	2.9	645	5.3	33,553	5.3
First-line supervisors/managers of food preparation and serving workers	15.51	3.7	637	5.8	33,102	5.8
Cooks	11.83	3.8	456	6.1	23,725	6.1
Cooks, institution and cafeteria	12.91	3.0	516	3.0	26,857	3.0
Cooks, restaurant	11.59	2.5	444	3.8	23,071	3.8
Food preparation workers	10.56	3.7	416	6.6	21,620	6.6
Food service, tipped	6.25	10.5	241	11.1	12,554	11.1
Bartenders	7.10	6.4	281	5.7	14,592	5.7
Waiters and waitresses	5.53	13.9	213	14.8	11,059	14.8

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
Food preparation and serving related occupations –Continued						
Dining room and cafeteria attendants and bartender helpers	\$6.87	3.0%	\$266	3.2%	\$13,824	3.2%
Fast food and counter workers	9.46	9.5	374	9.0	18,721	9.0
Combined food preparation and serving workers, including fast food	9.67	12.3	384	11.6	19,051	11.6
Food servers, nonrestaurant	8.37	25.8	335	25.8	17,401	25.8
Dishwashers	8.49	2.6	335	3.4	17,407	3.4
Building and grounds cleaning and maintenance occupations						
First-line supervisors/managers, building and grounds cleaning and maintenance workers	10.95	3.6	427	2.7	21,702	2.7
Building cleaning workers	13.92	34.3	554	37.4	28,819	37.4
Janitors and cleaners, except maids and housekeeping cleaners	10.11	6.5	395	5.5	20,064	5.5
Maids and housekeeping cleaners	10.70	8.9	423	8.9	22,008	8.9
Grounds maintenance workers	9.19	3.4	351	1.5	17,123	1.5
Landscaping and groundskeeping workers	12.95	18.7	493	21.4	24,725	21.4
Landscaping and groundskeeping workers	12.08	16.6	455	19.6	22,638	19.6
Personal care and service occupations						
First-line supervisors/managers of gaming workers	11.65	16.5	434	8.9	22,334	8.9
Gaming supervisors	16.23	1.0	653	1.1	33,955	1.1
Gaming services workers	17.99	3.2	727	3.4	37,814	3.4
Gaming dealers	6.91	2.6	273	2.4	14,202	2.4
Transportation attendants	6.80	2.8	269	2.6	13,969	2.6
Flight attendants	31.84	1.1	668	1.6	34,719	1.6
Flight attendants	32.10	.9	667	1.6	34,703	1.6
Sales and related occupations						
First-line supervisors/managers, sales workers	17.10	13.6	676	14.2	35,174	14.2
First-line supervisors/managers of retail sales workers	25.97	16.4	1,067	18.1	55,493	18.1
Retail sales workers	26.79	15.6	1,104	17.4	57,427	17.4
Cashiers, all workers	12.05	5.0	483	5.2	25,096	5.2
Cashiers	10.63	6.5	421	6.4	21,871	6.4
Gaming change persons and booth cashiers	10.95	8.0	432	8.0	22,469	8.0
Retail salespersons	9.24	11.8	369	11.8	19,212	11.8
Retail salespersons	13.59	2.8	552	4.2	28,682	4.2

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
Sales and related occupations –Continued						
Sales representatives, wholesale and manufacturing	\$35.39	4.1%	\$1,439	3.5%	\$74,849	3.5%
Sales representatives, wholesale and manufacturing, except technical and scientific products	32.50	19.5	1,336	18.7	69,462	18.7
Miscellaneous sales and related workers	16.25	26.7	650	26.7	33,793	26.7
Office and administrative support occupations						
First-line supervisors/managers of office and administrative support workers	14.40	5.1	572	5.2	29,759	5.2
Financial clerks	19.66	16.4	816	16.9	42,428	16.9
Bill and account collectors	13.81	6.3	545	7.1	28,322	7.1
Bookkeeping, accounting, and auditing clerks	14.47	7.5	538	13.7	27,962	13.7
Payroll and timekeeping clerks	14.23	8.7	567	9.0	29,463	9.0
Tellers	15.42	7.6	617	7.6	32,076	7.6
Customer service representatives	11.46	4.1	459	4.1	23,844	4.1
Hotel, motel, and resort desk clerks	12.94	4.2	515	4.3	26,760	4.3
Human resources assistants, except payroll and timekeeping	10.40	2.9	414	2.8	21,514	2.8
Receptionists and information clerks	13.72	5.6	549	5.6	28,544	5.6
Reservation and transportation ticket agents and travel clerks	11.68	5.0	460	4.2	23,930	4.2
Dispatchers	14.12	23.9	565	23.9	29,369	23.9
Production, planning, and expediting clerks	13.98	13.8	559	13.8	29,042	13.8
Shipping, receiving, and traffic clerks	16.43	8.8	653	8.3	33,973	8.3
Stock clerks and order fillers	12.99	7.9	518	7.9	26,927	7.9
Secretaries and administrative assistants	13.68	5.7	547	5.7	28,448	5.7
Executive secretaries and administrative assistants	17.64	6.5	701	6.5	36,470	6.5
Medical secretaries	19.76	6.6	791	7.0	41,133	7.0
Secretaries, except legal, medical, and executive	15.02	3.9	590	4.4	30,676	4.4
Data entry and information processing workers	13.86	11.3	554	11.2	28,784	11.2
Data entry keyers	11.70	1.3	452	2.9	23,508	2.9
Insurance claims and policy processing clerks	11.70	1.3	452	2.9	23,508	2.9
Office clerks, general	16.10	23.3	640	22.7	33,290	22.7
Construction and extraction occupations	15.16	10.6	605	10.6	31,450	10.6
Construction and extraction occupations	16.04	14.5	642	14.5	33,372	14.5

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
Construction and extraction occupations						
–Continued						
First-line supervisors/managers of construction trades and extraction workers	\$22.64	2.9%	\$914	3.0%	\$47,510	3.0%
Carpenters	19.26	14.4	771	14.4	40,069	14.4
Construction laborers	10.65	6.4	426	6.4	22,159	6.4
Construction equipment operators	20.27	6.7	811	6.7	41,990	6.7
Operating engineers and other construction equipment operators	20.53	7.4	821	7.4	42,518	7.4
Pipelayers, plumbers, pipefitters, and steamfitters	28.64	8.9	1,133	9.0	58,933	9.0
Plumbers, pipefitters, and steamfitters	30.95	1.6	1,222	2.6	63,536	2.6
Roofers	12.85	12.0	514	12.0	26,723	12.0
Installation, maintenance, and repair occupations	22.48	4.2	900	4.0	46,813	4.0
First-line supervisors/managers of mechanics, installers, and repairers	31.28	14.8	1,249	14.9	64,948	14.9
Miscellaneous electrical and electronic equipment mechanics, installers, and repairers	23.10	15.2	901	14.0	46,835	14.0
Aircraft mechanics and service technicians ..	23.48	5.5	939	5.5	48,829	5.5
Automotive technicians and repairers	23.95	13.6	982	15.3	51,061	15.3
Automotive service technicians and mechanics	23.95	13.6	982	15.3	51,061	15.3
Bus and truck mechanics and diesel engine specialists	19.93	6.2	797	6.2	41,457	6.2
Industrial machinery installation, repair, and maintenance workers	21.32	8.0	850	8.1	44,205	8.1
Industrial machinery mechanics	22.29	1.9	886	1.7	46,062	1.7
Maintenance and repair workers, general ..	20.29	6.5	808	6.7	42,028	6.7
Maintenance workers, machinery	21.39	12.2	855	12.2	44,484	12.2
Miscellaneous installation, maintenance, and repair workers	18.94	4.9	757	4.9	39,388	4.9
Production occupations	16.04	9.0	639	9.0	33,201	9.0
First-line supervisors/managers of production and operating workers	33.77	25.5	1,365	25.3	70,959	25.3
Electrical, electronics, and electromechanical assemblers	13.30	3.4	532	3.4	27,670	3.4
Electrical and electronic equipment assemblers	13.41	3.3	536	3.3	27,892	3.3

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 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						
Miscellaneous assemblers and fabricators	\$11.76	2.8%	\$470	2.8%	\$24,459	2.8%
Bakers	13.97	11.2	559	11.2	29,061	11.2
Butchers and other meat, poultry, and fish processing workers	13.72	5.5	549	5.5	28,537	5.5
Miscellaneous food processing workers	15.57	5.7	615	4.8	31,955	4.8
Machine tool cutting setters, operators, and tenders, metal and plastic	13.34	10.2	534	10.2	27,745	10.2
Welding, soldering, and brazing workers	19.31	10.4	772	10.4	40,157	10.4
Welders, cutters, solderers, and brazers	19.28	12.0	771	12.0	40,099	12.0
Miscellaneous metalworkers and plastic workers	17.98	1.6	704	1.4	36,599	1.4
Printers	19.63	12.9	751	10.7	39,056	10.7
Printing machine operators	21.43	16.2	819	12.0	42,586	12.0
Laundry and dry-cleaning workers	8.37	4.6	331	5.3	17,227	5.3
Inspectors, testers, sorters, samplers, and weighers	17.17	3.7	687	3.7	35,712	3.7
Packaging and filling machine operators and tenders	14.23	5.6	563	5.1	29,277	5.1
Semiconductor processors	18.87	7.3	750	8.1	38,994	8.1
Miscellaneous production workers	15.66	27.8	624	28.0	32,434	28.0
Transportation and material moving occupations						
Aircraft pilots and flight engineers	120.90	14.5	2,454	18.8	127,623	18.8
Airline pilots, copilots, and flight engineers	120.90	14.5	2,454	18.8	127,623	18.8
Driver/sales workers and truck drivers	18.83	4.3	753	4.3	39,171	4.3
Truck drivers, heavy and tractor-trailer	20.25	8.6	810	8.6	42,128	8.6
Truck drivers, light or delivery services	17.17	4.4	687	4.4	35,707	4.4
Industrial truck and tractor operators	16.68	12.9	664	12.9	34,537	12.9
Laborers and material movers, hand	11.33	11.4	451	11.5	23,467	11.5
Laborers and freight, stock, and material movers, hand	11.73	15.7	469	15.8	24,387	15.8
Packers and packagers, hand	10.13	12.2	396	11.3	20,598	11.3

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.