

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	\$19.13	8.2%	\$766	8.2%	\$39,668	8.2%
Management occupations	44.43	2.5	1,808	3.2	94,001	3.2
General and operations managers	55.40	8.2	2,351	9.8	122,271	9.8
Marketing and sales managers	43.49	14.6	1,784	16.2	92,743	16.2
Marketing managers	45.63	19.2	1,928	21.9	100,269	21.9
Computer and information systems managers	47.85	7.4	1,914	7.4	99,527	7.4
Financial managers	41.79	19.2	1,679	19.8	87,330	19.8
Human resources managers	53.47	20.2	2,141	20.2	111,346	20.2
Industrial production managers	44.73	5.9	1,794	6.0	93,255	6.0
Transportation, storage, and distribution managers	46.33	16.1	2,001	18.4	104,063	18.4
Education administrators	31.56	11.6	1,246	10.1	64,235	10.1
Education administrators, postsecondary ..	31.32	15.4	1,230	12.4	63,252	12.4
Medical and health services managers	32.87	17.4	1,302	18.3	67,716	18.3
Business and financial operations occupations	27.34	4.7	1,101	4.1	57,244	4.1
Human resources, training, and labor relations specialists	24.24	7.7	965	7.8	50,196	7.8
Management analysts	37.02	16.1	1,468	15.3	76,324	15.3
Accountants and auditors	23.55	21.4	944	21.5	49,091	21.5
Financial analysts and advisors	27.16	4.7	1,081	4.6	56,191	4.6
Financial analysts	27.59	5.8	1,096	5.8	56,988	5.8
Loan counselors and officers	17.54	18.3	702	18.3	36,481	18.3
Computer and mathematical science occupations	34.80	3.7	1,402	4.1	72,921	4.1
Computer programmers	33.57	5.2	1,327	4.2	68,980	4.2
Computer software engineers	42.97	6.3	1,758	7.2	91,414	7.2
Computer software engineers, applications	39.86	12.8	1,610	13.4	83,734	13.4
Computer software engineers, systems software	48.09	7.0	2,009	10.9	104,494	10.9
Computer support specialists	19.88	9.0	780	9.8	40,541	9.8
Computer systems analysts	32.27	5.4	1,291	5.4	67,114	5.4
Network and computer systems administrators	28.26	5.0	1,131	5.0	58,787	5.0
Architecture and engineering occupations	34.91	5.2	1,403	5.3	72,766	5.3
Engineers	38.57	5.8	1,554	5.9	80,472	5.9
Aerospace engineers	55.41	12.4	2,217	12.4	115,262	12.4
Industrial engineers, including health and safety	35.30	13.9	1,437	14.0	74,729	14.0

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						
Industrial engineers	\$31.79	8.7%	\$1,301	9.0%	\$67,675	9.0%
Mechanical engineers	35.45	7.5	1,418	7.5	72,578	7.5
Drafters	22.30	11.0	892	11.0	46,390	11.0
Engineering technicians, except drafters	28.55	6.1	1,142	6.1	59,394	6.1
Electrical and electronic engineering technicians	29.57	4.4	1,183	4.4	61,496	4.4
Life, physical, and social science occupations						
Physical scientists	41.09	27.9	1,764	27.1	91,714	27.1
Community and social services occupations	16.67	8.8	677	8.0	35,109	8.0
Counselors	12.44	3.6	521	3.6	26,927	3.6
Social workers	18.05	10.3	722	10.3	37,545	10.3
Legal occupations	47.69	14.9	1,877	15.8	97,597	15.8
Education, training, and library occupations	30.52	7.9	1,153	7.6	45,761	7.6
Postsecondary teachers	33.10	8.5	1,288	5.3	53,717	5.3
Arts, communications, and humanities teachers, postsecondary	33.02	2.7	1,316	3.0	53,437	3.0
Miscellaneous postsecondary teachers	28.71	18.6	1,057	10.1	44,106	10.1
Primary, secondary, and special education school teachers	29.37	10.4	1,084	9.9	41,242	9.9
Elementary and middle school teachers	30.57	12.9	1,130	11.8	42,700	11.8
Elementary school teachers, except special education	29.89	12.4	1,106	11.9	41,862	11.9
Arts, design, entertainment, sports, and media occupations	23.82	8.1	953	8.1	49,516	8.1
Designers	19.16	12.1	767	12.1	39,863	12.1
Graphic designers	18.92	12.4	757	12.4	39,359	12.4
Healthcare practitioner and technical occupations	26.87	5.0	1,058	5.1	55,011	5.1
Pharmacists	53.05	.8	2,122	.8	110,341	.8
Registered nurses	30.13	6.7	1,172	6.7	60,933	6.7
Therapists	21.65	2.9	865	2.9	44,960	2.9
Respiratory therapists	22.02	4.9	881	4.9	45,807	4.9
Clinical laboratory technologists and technicians	22.90	5.0	899	5.1	46,746	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
Healthcare practitioner and technical occupations –Continued						
Medical and clinical laboratory technologists	\$24.56	6.7%	\$982	6.7%	\$51,082	6.7%
Medical and clinical laboratory technicians	21.18	6.5	816	6.3	42,409	6.3
Diagnostic related technologists and technicians	23.49	11.2	940	11.2	48,860	11.2
Radiologic technologists and technicians ..	22.54	2.7	902	2.7	46,892	2.7
Health diagnosing and treating practitioner support technicians	15.29	4.6	610	4.4	31,737	4.4
Surgical technologists	15.65	5.4	624	4.9	32,457	4.9
Licensed practical and licensed vocational nurses	17.30	3.9	688	3.8	35,755	3.8
Healthcare support occupations	11.01	4.8	428	5.1	22,273	5.1
Nursing, psychiatric, and home health aides	10.02	3.4	386	3.4	20,085	3.4
Nursing aides, orderlies, and attendants	10.04	3.4	387	3.4	20,139	3.4
Miscellaneous healthcare support occupations	12.93	2.8	515	2.9	26,770	2.9
Protective service occupations	11.29	8.0	451	8.0	23,411	8.0
Security guards and gaming surveillance officers	10.77	10.6	430	10.5	22,281	10.5
Security guards	10.46	10.9	418	10.8	21,640	10.8
Food preparation and serving related occupations	7.87	7.5	313	7.2	16,167	7.2
Cooks	11.98	5.7	476	6.4	24,727	6.4
Cooks, institution and cafeteria	11.32	10.5	444	11.2	23,067	11.2
Food service, tipped	5.87	11.0	234	11.1	12,190	11.1
Fast food and counter workers	9.96	6.6	378	7.9	19,427	7.9
Combined food preparation and serving workers, including fast food	9.96	6.6	378	7.9	19,427	7.9
Building and grounds cleaning and maintenance occupations	10.37	3.7	412	3.6	21,405	3.6
Building cleaning workers	9.66	4.6	383	4.3	19,930	4.3
Janitors and cleaners, except maids and housekeeping cleaners	11.15	5.0	440	5.2	22,876	5.2
Maids and housekeeping cleaners	8.52	3.0	340	2.7	17,657	2.7
Personal care and service occupations	8.99	8.2	361	8.2	18,694	8.2

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
Personal care and service occupations						
–Continued						
First-line supervisors/managers of gaming workers	\$15.23	0.8%	\$619	0.7%	\$32,176	0.7%
Gaming services workers	6.71	.0	268	.0	13,947	.0
Gaming dealers	6.71	.0	268	.0	13,947	.0
Sales and related occupations	20.17	14.0	809	14.1	42,086	14.1
First-line supervisors/managers, sales workers	20.73	11.4	829	11.4	43,116	11.4
First-line supervisors/managers of retail sales workers	21.12	13.5	845	13.5	43,921	13.5
Retail sales workers	11.90	3.8	474	3.8	24,633	3.8
Cashiers, all workers	12.01	6.6	481	6.6	24,990	6.6
Sales representatives, wholesale and manufacturing	26.39	7.7	1,080	7.6	56,141	7.6
Sales representatives, wholesale and manufacturing, except technical and scientific products	25.82	7.8	1,058	7.9	55,015	7.9
Miscellaneous sales and related workers	16.52	21.1	661	21.1	34,363	21.1
Office and administrative support occupations	14.29	3.2	571	3.2	29,670	3.2
First-line supervisors/managers of office and administrative support workers	20.60	5.0	844	4.7	43,883	4.7
Switchboard operators, including answering service	11.79	6.1	472	6.1	24,528	6.1
Financial clerks	12.95	7.6	517	7.5	26,902	7.5
Bill and account collectors	10.53	9.6	421	9.6	21,897	9.6
Billing and posting clerks and machine operators	12.35	8.4	494	8.4	25,692	8.4
Bookkeeping, accounting, and auditing clerks	15.18	5.1	606	5.1	31,504	5.1
Payroll and timekeeping clerks	17.96	3.3	709	2.6	36,881	2.6
Customer service representatives	13.63	7.8	545	7.8	28,361	7.8
Interviewers, except eligibility and loan	14.86	10.1	588	10.4	30,596	10.4
Loan interviewers and clerks	12.50	7.0	500	7.0	26,009	7.0
Order clerks	13.10	9.0	520	9.1	27,024	9.1
Human resources assistants, except payroll and timekeeping	15.31	8.7	610	8.6	31,597	8.6
Receptionists and information clerks	11.05	3.6	442	3.6	22,988	3.6
Production, planning, and expediting clerks	17.65	9.5	701	9.5	36,447	9.5
Stock clerks and order fillers	12.18	2.1	486	2.2	25,248	2.2

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
Office and administrative support occupations –Continued						
Secretaries and administrative assistants	\$17.87	6.5%	\$711	6.6%	\$36,983	6.6%
Executive secretaries and administrative assistants	21.51	7.2	861	7.2	44,751	7.2
Medical secretaries	12.78	2.7	509	2.6	26,469	2.6
Secretaries, except legal, medical, and executive	14.75	5.3	586	5.4	30,480	5.4
Data entry and information processing workers	13.98	5.6	555	5.0	28,867	5.0
Data entry keyers	13.22	2.7	529	2.7	27,506	2.7
Insurance claims and policy processing clerks	15.87	4.8	618	4.4	32,152	4.4
Mail clerks and mail machine operators, except postal service	12.31	7.6	492	7.6	25,600	7.6
Office clerks, general	13.90	6.6	551	6.6	28,652	6.6
Construction and extraction occupations	19.10	12.4	764	12.4	39,390	12.4
Electricians	24.12	8.3	965	8.3	50,166	8.3
Pipelayers, plumbers, pipefitters, and steamfitters	24.70	10.5	988	10.5	51,375	10.5
Plumbers, pipefitters, and steamfitters	24.70	10.5	988	10.5	51,375	10.5
Helpers, construction trades	13.67	3.6	547	3.6	28,438	3.6
Installation, maintenance, and repair occupations	21.74	7.6	870	7.6	45,214	7.6
Miscellaneous electrical and electronic equipment mechanics, installers, and repairers	19.52	25.5	781	25.5	40,594	25.5
Automotive technicians and repairers	17.93	15.4	720	15.4	37,424	15.4
Automotive service technicians and mechanics	17.51	20.0	703	20.0	36,579	20.0
Bus and truck mechanics and diesel engine specialists	18.19	4.5	727	4.5	37,828	4.5
Industrial machinery installation, repair, and maintenance workers	21.50	6.7	859	6.7	44,694	6.7
Industrial machinery mechanics	24.33	7.3	973	7.3	50,593	7.3
Maintenance and repair workers, general ..	19.54	9.4	779	9.5	40,500	9.5
Maintenance workers, machinery	16.99	1.8	680	1.9	35,350	1.9
Line installers and repairers	29.39	2.7	1,176	2.7	61,135	2.7
Electrical power-line installers and repairers	30.69	3.9	1,228	3.9	63,843	3.9

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						
Miscellaneous installation, maintenance, and repair workers	\$17.72	15.0%	\$707	15.0%	\$36,335	15.0%
Production occupations	16.38	4.8	650	4.9	33,721	4.9
First-line supervisors/managers of production and operating workers	23.28	7.0	932	6.6	48,393	6.6
Electrical, electronics, and electromechanical assemblers	12.93	3.3	517	3.3	26,886	3.3
Electrical and electronic equipment assemblers	12.00	3.8	480	3.8	24,958	3.8
Miscellaneous assemblers and fabricators	17.15	9.8	686	9.8	35,642	9.8
Team assemblers	17.73	24.2	709	24.2	36,879	24.2
Miscellaneous food processing workers	15.76	8.3	611	6.6	31,787	6.6
Food batchmakers	16.06	8.5	620	6.9	32,247	6.9
Forming machine setters, operators, and tenders, metal and plastic	16.17	7.4	647	7.4	33,630	7.4
Machine tool cutting setters, operators, and tenders, metal and plastic	14.58	15.7	580	16.1	30,147	16.1
Cutting, punching, and press machine setters, operators, and tenders, metal and plastic	13.78	23.5	551	23.5	28,666	23.5
Machinists	22.51	8.7	900	8.7	46,821	8.7
Molders and molding machine setters, operators, and tenders, metal and plastic						
Molding, coremaking, and casting machine setters, operators, and tenders, metal and plastic	14.48	12.5	567	11.7	29,468	11.7
Multiple machine tool setters, operators, and tenders, metal and plastic	14.48	12.5	567	11.7	29,468	11.7
Multiple machine tool setters, operators, and tenders, metal and plastic	16.82	7.8	673	7.8	34,989	7.8
Tool and die makers	19.23	11.6	769	11.6	39,991	11.6
Welding, soldering, and brazing workers	17.14	4.7	675	5.0	35,103	5.0
Welders, cutters, solderers, and brazers	17.87	9.3	715	9.3	37,171	9.3
Welding, soldering, and brazing machine setters, operators, and tenders	16.18	5.8	625	4.6	32,488	4.6
Miscellaneous metalworkers and plastic workers	15.31	6.7	593	4.8	30,778	4.8
Printers	24.11	1.2	919	2.8	47,787	2.8
Printing machine operators	23.82	1.6	915	3.6	47,597	3.6
Laundry and dry-cleaning workers	8.84	6.2	348	7.1	18,097	7.1
Sewing machine operators	10.85	8.2	418	8.1	21,152	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
Production occupations –Continued						
Textile machine setters, operators, and tenders	\$12.90	13.4%	\$519	13.7%	\$27,002	13.7%
Woodworking machine setters, operators, and tenders	10.73	8.1	397	4.8	20,190	4.8
Miscellaneous plant and system operators	27.21	.9	1,081	.4	56,216	.4
Chemical processing machine setters, operators, and tenders	15.67	24.1	625	23.9	32,518	23.9
Crushing, grinding, polishing, mixing, and blending workers	19.54	11.0	782	11.0	40,640	11.0
Cutting workers	14.76	14.5	578	15.3	30,064	15.3
Cutting and slicing machine setters, operators, and tenders	15.24	15.3	606	15.4	31,537	15.4
Inspectors, testers, sorters, samplers, and weighers	15.25	6.1	613	6.3	31,901	6.3
Painting workers	20.70	11.9	828	11.9	43,065	11.9
Miscellaneous production workers	16.32	4.6	643	4.8	33,462	4.8
Paper goods machine setters, operators, and tenders	19.66	10.9	786	10.9	40,892	10.9
Helpers--production workers	13.34	4.7	522	4.5	27,126	4.5
Transportation and material moving occupations						
Aircraft pilots and flight engineers	101.56	7.6	2,466	9.8	128,218	9.8
Airline pilots, copilots, and flight engineers	101.56	7.6	2,466	9.8	128,218	9.8
Driver/sales workers and truck drivers	17.80	4.4	810	4.6	41,823	4.6
Truck drivers, heavy and tractor-trailer	17.61	6.4	873	7.9	44,771	7.9
Truck drivers, light or delivery services	18.48	6.0	739	6.0	38,448	6.0
Industrial truck and tractor operators	13.77	3.4	548	3.4	28,477	3.4
Laborers and material movers, hand	11.97	4.0	474	4.0	24,566	4.0
Laborers and freight, stock, and material movers, hand	11.88	4.6	472	4.6	24,446	4.6
Machine feeders and offbearers	10.73	12.9	412	13.1	21,422	13.1
Packers and packagers, hand	11.59	7.9	463	7.9	24,099	7.9

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.