

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	\$18.00	9.0%	\$722	8.9%	\$37,415	8.9%
Management occupations	39.62	4.5	1,620	4.3	84,207	4.3
General and operations managers	53.33	10.4	2,296	11.4	119,375	11.4
Marketing and sales managers	46.40	21.6	2,042	26.5	106,164	26.5
Marketing managers	51.77	30.2	2,197	36.8	114,229	36.8
Sales managers	42.93	15.8	1,935	22.0	100,617	22.0
Computer and information systems managers	45.74	5.3	1,830	5.3	95,140	5.3
Financial managers	39.05	13.2	1,592	13.1	82,788	13.1
Transportation, storage, and distribution managers	52.41	16.3	2,440	19.7	126,863	19.7
Education administrators	29.50	15.3	1,145	14.2	59,022	14.2
Education administrators, postsecondary ..	31.01	19.7	1,199	16.0	61,540	16.0
Medical and health services managers	29.26	10.4	1,163	11.2	60,493	11.2
Business and financial operations occupations	25.94	6.0	1,042	5.4	54,208	5.4
Buyers and purchasing agents	25.63	10.8	1,025	10.8	53,321	10.8
Wholesale and retail buyers, except farm products	26.15	27.2	1,046	27.2	54,394	27.2
Cost estimators	27.77	4.2	1,111	4.2	57,764	4.2
Human resources, training, and labor relations specialists	23.80	8.2	937	7.9	48,738	7.9
Training and development specialists	19.99	10.5	800	10.5	41,585	10.5
Management analysts	37.51	13.6	1,474	12.6	76,670	12.6
Accountants and auditors	21.17	19.5	843	19.4	43,852	19.4
Financial analysts and advisors	26.28	3.8	1,043	3.5	54,215	3.5
Financial analysts	26.57	3.3	1,054	3.0	54,784	3.0
Loan counselors and officers	16.94	17.4	678	17.4	35,238	17.4
Computer and mathematical science occupations	31.07	2.5	1,255	3.2	65,239	3.2
Computer programmers	28.17	11.4	1,123	11.1	58,403	11.1
Computer software engineers	44.06	7.1	1,815	9.4	94,402	9.4
Computer software engineers, applications	44.28	11.1	1,771	11.1	92,101	11.1
Computer software engineers, systems software	43.93	12.2	1,846	17.5	95,972	17.5
Computer systems analysts	32.07	8.0	1,285	7.9	66,824	7.9
Network and computer systems administrators	25.52	10.5	1,021	10.5	53,092	10.5
Architecture and engineering occupations	28.09	11.7	1,131	11.8	58,811	11.8
Engineers	35.50	3.7	1,439	3.7	74,851	3.7

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 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						
Aerospace engineers	\$43.08	8.5%	\$1,723	8.5%	\$89,600	8.5%
Electrical and electronics engineers	38.00	9.5	1,544	8.3	80,297	8.3
Electrical engineers	38.00	9.5	1,544	8.3	80,297	8.3
Industrial engineers, including health and safety	36.26	9.8	1,498	8.6	77,883	8.6
Industrial engineers	33.51	4.4	1,389	2.9	72,217	2.9
Mechanical engineers	31.41	5.7	1,256	5.7	65,323	5.7
Engineering technicians, except drafters	21.30	19.9	852	19.9	44,298	19.9
Life, physical, and social science occupations	25.42	19.2	1,034	19.3	53,786	19.3
Physical scientists	41.77	25.2	1,688	25.3	87,761	25.3
Community and social services occupations	16.76	16.9	669	17.1	34,511	17.1
Counselors	13.31	5.8	529	5.3	27,324	5.3
Social workers	19.55	22.8	782	22.8	40,669	22.8
Legal occupations	53.53	22.7	2,349	17.3	122,170	17.3
Education, training, and library occupations	24.50	10.4	941	12.2	38,990	12.2
Postsecondary teachers	30.02	7.9	1,170	4.9	47,128	4.9
Arts, communications, and humanities teachers, postsecondary	30.42	4.4	1,215	4.3	49,146	4.3
Miscellaneous postsecondary teachers	26.03	19.8	967	11.8	40,339	11.8
Primary, secondary, and special education school teachers	22.23	21.6	833	21.5	33,788	21.5
Elementary and middle school teachers	26.16	1.7	990	1.7	38,269	1.7
Arts, design, entertainment, sports, and media occupations	21.23	4.4	848	4.4	43,975	4.4
Designers	20.24	30.8	809	30.8	42,090	30.8
Graphic designers	20.19	31.8	807	31.8	41,985	31.8
Healthcare practitioner and technical occupations	24.49	4.9	965	5.5	50,155	5.5
Pharmacists	50.12	1.1	2,005	1.1	104,248	1.1
Registered nurses	28.18	6.5	1,100	7.9	57,185	7.9
Therapists	21.13	5.4	844	5.5	43,897	5.5
Respiratory therapists	19.87	1.6	794	1.6	41,284	1.6
Clinical laboratory technologists and technicians	21.84	3.6	863	2.5	44,868	2.5

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
Healthcare practitioner and technical occupations –Continued						
Medical and clinical laboratory technologists	\$21.54	5.5%	\$862	5.5%	\$44,804	5.5%
Diagnostic related technologists and technicians	22.05	15.1	875	15.2	45,493	15.2
Radiologic technologists and technicians ..	21.29	7.2	841	7.7	43,713	7.7
Health diagnosing and treating practitioner support technicians	14.83	6.8	593	6.8	30,836	6.8
Licensed practical and licensed vocational nurses	16.58	3.7	653	5.5	33,957	5.5
Healthcare support occupations	10.34	5.2	406	5.7	21,093	5.7
Nursing, psychiatric, and home health aides	9.66	3.9	377	4.3	19,628	4.3
Nursing aides, orderlies, and attendants	9.61	4.0	375	4.4	19,475	4.4
Miscellaneous healthcare support occupations	12.65	7.4	502	7.4	26,113	7.4
Medical assistants	13.75	6.5	546	6.9	28,412	6.9
Medical transcriptionists	13.09	3.6	517	4.4	26,875	4.4
Protective service occupations	10.24	7.2	409	7.1	21,292	7.1
Security guards and gaming surveillance officers	10.12	9.3	404	9.1	21,010	9.1
Security guards	10.00	9.8	399	9.6	20,766	9.6
Food preparation and serving related occupations	7.39	6.1	294	5.8	15,246	5.8
First-line supervisors/managers, food preparation and serving workers	12.41	10.8	511	12.2	26,594	12.2
First-line supervisors/managers of food preparation and serving workers	12.23	11.8	505	13.0	26,240	13.0
Cooks	11.20	5.2	446	5.7	23,189	5.7
Cooks, institution and cafeteria	10.47	9.9	413	10.3	21,458	10.3
Food service, tipped	5.76	7.3	230	7.4	11,969	7.4
Waiters and waitresses	5.56	7.7	222	7.7	11,557	7.7
Food servers, nonrestaurant	8.64	5.9	342	6.9	17,542	6.9
Dishwashers	8.24	2.3	330	2.3	17,137	2.3
Building and grounds cleaning and maintenance occupations	10.22	5.7	406	6.1	21,105	6.1
First-line supervisors/managers, building and grounds cleaning and maintenance workers	16.85	11.6	674	11.6	35,052	11.6

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
Building and grounds cleaning and maintenance occupations –Continued						
First-line supervisors/managers of housekeeping and janitorial workers ...	\$16.85	11.6%	\$674	11.6%	\$35,052	11.6%
Building cleaning workers	8.69	6.5	345	6.0	17,915	6.0
Janitors and cleaners, except maids and housekeeping cleaners	9.25	6.8	365	6.4	18,964	6.4
Maids and housekeeping cleaners	8.13	1.3	324	1.2	16,850	1.2
Grounds maintenance workers	8.72	14.2	348	14.2	17,904	14.2
Landscaping and groundskeeping workers	8.72	14.2	348	14.2	17,904	14.2
Personal care and service occupations	8.46	9.6	339	9.8	17,592	9.8
First-line supervisors/managers of gaming workers	14.22	.0	578	.0	30,063	.0
Gaming services workers	6.25	.0	250	.0	12,999	.0
Gaming dealers	6.25	.0	250	.0	12,999	.0
Sales and related occupations	22.24	26.4	905	27.1	47,056	27.1
First-line supervisors/managers, sales workers	18.24	13.4	768	15.0	39,923	15.0
First-line supervisors/managers of retail sales workers	18.55	16.0	769	16.8	39,986	16.8
Retail sales workers	11.83	5.7	474	6.5	24,641	6.5
Cashiers, all workers	11.62	7.0	464	7.0	24,103	7.0
Retail salespersons	11.98	13.1	482	15.5	25,073	15.5
Sales representatives, wholesale and manufacturing	28.83	2.5	1,200	2.9	62,409	2.9
Sales representatives, wholesale and manufacturing, except technical and scientific products	27.09	10.4	1,136	11.9	59,097	11.9
Miscellaneous sales and related workers	18.22	18.2	729	18.2	37,891	18.2
Office and administrative support occupations	13.45	3.8	538	3.8	27,958	3.8
First-line supervisors/managers of office and administrative support workers	21.49	9.3	871	8.2	45,288	8.2
Switchboard operators, including answering service	11.06	1.5	442	1.5	23,010	1.5
Financial clerks	12.17	10.1	487	10.2	25,337	10.2
Billing and posting clerks and machine operators	14.16	17.8	580	21.9	30,136	21.9
Bookkeeping, accounting, and auditing clerks	14.21	4.4	567	4.3	29,487	4.3

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
Office and administrative support occupations –Continued						
Payroll and timekeeping clerks	\$16.03	3.0%	\$641	3.0%	\$33,350	3.0%
Tellers	11.05	1.8	442	1.8	22,992	1.8
Customer service representatives	12.81	8.9	510	8.7	26,497	8.7
File clerks	10.63	13.7	421	12.8	21,874	12.8
Interviewers, except eligibility and loan	13.98	8.8	554	9.3	28,786	9.3
Loan interviewers and clerks	11.65	6.3	466	6.3	24,231	6.3
Order clerks	12.79	9.4	510	9.2	26,530	9.2
Human resources assistants, except payroll and timekeeping	14.75	8.6	586	8.6	30,315	8.6
Receptionists and information clerks	11.47	5.6	458	5.8	23,799	5.8
Reservation and transportation ticket agents and travel clerks	15.56	9.7	622	9.7	32,361	9.7
Production, planning, and expediting clerks	18.44	12.7	737	12.7	38,349	12.7
Shipping, receiving, and traffic clerks	11.22	5.9	449	6.0	23,308	6.0
Stock clerks and order fillers	12.43	3.1	496	3.2	25,797	3.2
Secretaries and administrative assistants	16.87	5.6	671	5.7	34,892	5.7
Executive secretaries and administrative assistants	19.90	5.6	795	5.6	41,332	5.6
Medical secretaries	11.99	3.0	478	2.9	24,873	2.9
Secretaries, except legal, medical, and executive	14.54	4.4	577	4.9	29,996	4.9
Computer operators	14.54	11.2	582	11.2	30,253	11.2
Data entry and information processing workers	12.45	3.5	498	3.5	25,888	3.5
Data entry keyers	12.16	4.4	486	4.4	25,294	4.4
Insurance claims and policy processing clerks	13.01	1.5	520	1.5	27,061	1.5
Mail clerks and mail machine operators, except postal service	10.44	.9	418	.9	21,725	.9
Office clerks, general	12.66	7.5	506	7.4	26,298	7.4
Construction and extraction occupations	17.42	10.5	697	10.5	36,243	10.5
First-line supervisors/managers of construction trades and extraction workers	24.01	3.4	962	3.4	50,041	3.4
Carpenters	20.12	13.5	805	13.5	41,849	13.5
Construction laborers	11.53	27.6	461	27.6	23,976	27.6
Electricians	24.08	6.6	963	6.6	50,091	6.6
Pipelayers, plumbers, pipefitters, and steamfitters	20.14	14.7	806	14.7	41,899	14.7
Plumbers, pipefitters, and steamfitters	20.14	14.7	806	14.7	41,899	14.7

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 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						
Helpers, construction trades	\$12.79	1.7%	\$512	1.7%	\$26,608	1.7%
Installation, maintenance, and repair occupations	21.90	9.4	876	9.4	45,518	9.4
Miscellaneous electrical and electronic equipment mechanics, installers, and repairers	24.80	11.3	992	11.3	51,581	11.3
Automotive technicians and repairers	15.22	6.5	616	6.6	32,039	6.6
Bus and truck mechanics and diesel engine specialists	16.94	4.2	679	4.4	35,307	4.4
Industrial machinery installation, repair, and maintenance workers	21.18	9.1	847	9.1	44,056	9.1
Industrial machinery mechanics	24.25	7.5	970	7.6	50,424	7.6
Maintenance and repair workers, general ..	21.72	13.8	869	13.8	45,175	13.8
Maintenance workers, machinery	15.29	3.1	611	3.1	31,797	3.1
Millwrights	25.26	9.2	1,010	9.2	52,542	9.2
Line installers and repairers	27.49	2.4	1,100	2.4	57,185	2.4
Miscellaneous installation, maintenance, and repair workers	16.20	17.7	646	17.7	33,124	17.7
Production occupations	15.97	9.2	637	9.3	33,061	9.3
First-line supervisors/managers of production and operating workers	20.03	3.9	805	3.9	41,810	3.9
Electrical, electronics, and electromechanical assemblers	11.26	2.3	447	2.6	23,238	2.6
Electrical and electronic equipment assemblers	11.41	4.0	456	4.0	23,725	4.0
Miscellaneous assemblers and fabricators	18.21	15.4	728	15.4	37,875	15.4
Miscellaneous food processing workers	15.07	16.3	603	16.3	31,344	16.3
Machine tool cutting setters, operators, and tenders, metal and plastic	16.74	3.8	669	3.8	34,812	3.8
Cutting, punching, and press machine setters, operators, and tenders, metal and plastic	15.43	6.5	617	6.5	32,102	6.5
Machinists	18.67	5.7	747	5.7	38,828	5.7
Molders and molding machine setters, operators, and tenders, metal and plastic	11.32	8.7	451	8.5	23,443	8.5
Molding, coremaking, and casting machine setters, operators, and tenders, metal and plastic	11.32	8.7	451	8.5	23,443	8.5

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
Production occupations –Continued						
Multiple machine tool setters, operators, and tenders, metal and plastic	\$18.51	5.8%	\$741	5.8%	\$38,507	5.8%
Tool and die makers	21.03	8.7	841	8.7	43,748	8.7
Welding, soldering, and brazing workers	16.81	3.8	672	3.8	34,965	3.8
Welders, cutters, solderers, and brazers	16.86	7.8	674	7.8	35,061	7.8
Welding, soldering, and brazing machine setters, operators, and tenders	16.75	3.8	670	3.8	34,842	3.8
Miscellaneous metalworkers and plastic workers	16.69	7.2	667	7.2	34,707	7.2
Printers	22.86	5.3	874	5.6	45,441	5.6
Printing machine operators	22.38	6.5	863	7.0	44,855	7.0
Laundry and dry-cleaning workers	9.01	9.3	356	10.7	18,527	10.7
Sewing machine operators	10.05	6.8	389	5.6	19,856	5.6
Woodworking machine setters, operators, and tenders	11.63	13.4	465	13.4	23,747	13.4
Miscellaneous plant and system operators	25.48	1.5	1,011	.9	52,594	.9
Chemical processing machine setters, operators, and tenders	13.99	12.4	558	12.2	29,014	12.2
Chemical equipment operators and tenders	14.80	32.4	589	32.0	30,642	32.0
Crushing, grinding, polishing, mixing, and blending workers	19.33	9.7	773	9.7	40,203	9.7
Inspectors, testers, sorters, samplers, and weighers	18.50	20.1	743	20.1	38,633	20.1
Miscellaneous production workers	14.74	11.4	587	11.4	30,526	11.4
Paper goods machine setters, operators, and tenders	20.47	11.3	819	11.3	42,586	11.3
Helpers--production workers	11.00	7.1	433	6.4	22,493	6.4
Transportation and material moving occupations						
First-line supervisors/managers of helpers, laborers, and material movers, hand	21.41	14.6	950	10.0	49,410	10.0
First-line supervisors/managers of transportation and material-moving machine and vehicle operators	26.03	14.3	1,041	14.3	54,153	14.3
Aircraft pilots and flight engineers	75.07	11.1	1,537	5.0	79,938	5.0
Airline pilots, copilots, and flight engineers	75.07	11.1	1,537	5.0	79,938	5.0
Driver/sales workers and truck drivers	17.08	5.9	733	5.4	38,106	5.4
Driver/sales workers	16.04	2.8	706	3.7	36,720	3.7
Truck drivers, heavy and tractor-trailer	17.03	7.8	766	8.1	39,817	8.1
Truck drivers, light or delivery services	17.57	8.8	703	8.8	36,554	8.8

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
Transportation and material moving occupations –Continued						
Crane and tower operators	\$20.05	29.1%	\$802	29.1%	\$41,696	29.1%
Industrial truck and tractor operators	13.19	7.0	526	7.0	27,359	7.0
Laborers and material movers, hand	10.73	6.5	429	6.4	22,258	6.4
Laborers and freight, stock, and material movers, hand	11.10	6.6	445	6.6	22,998	6.6
Machine feeders and offbearers	10.23	8.3	409	8.3	21,278	8.3
Packers and packagers, hand	9.67	8.9	387	8.9	20,122	8.9

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.