

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 <sup>1</sup>	Hourly earnings <sup>2</sup>		Weekly earnings <sup>4</sup>		Annual earnings <sup>5</sup>	
	Mean	Relative error <sup>3</sup>	Mean	Relative error <sup>3</sup>	Mean	Relative error <sup>3</sup>
<b>All workers</b> .....	\$21.26	2.4%	\$850	2.6%	\$43,971	2.6%
<b>Management occupations</b> .....	43.39	6.3	1,755	6.6	91,165	6.6
General and operations managers .....	43.54	16.1	1,730	16.0	89,986	16.0
Marketing and sales managers .....	48.30	9.7	1,999	11.9	103,955	11.9
Marketing managers .....	38.28	7.4	1,530	7.5	79,573	7.5
Sales managers .....	59.69	14.8	2,574	14.2	133,873	14.2
Administrative services managers .....	39.56	17.7	1,582	17.7	82,289	17.7
Computer and information systems managers .....	48.42	4.3	1,948	4.5	101,291	4.5
Financial managers .....	43.25	4.3	1,719	4.5	89,398	4.5
Industrial production managers .....	41.49	12.2	1,748	9.3	90,909	9.3
Purchasing managers .....	30.46	20.7	1,278	17.5	66,472	17.5
Transportation, storage, and distribution managers .....	40.11	20.8	1,604	20.8	83,425	20.8
Education administrators .....	32.92	9.7	1,350	10.3	67,370	10.3
Education administrators, postsecondary ..	34.54	7.3	1,421	7.6	73,907	7.6
Engineering managers .....	53.93	5.3	2,157	5.3	112,174	5.3
Medical and health services managers .....	43.44	10.3	1,733	10.2	90,109	10.2
<b>Business and financial operations occupations</b> .....	28.67	3.5	1,147	3.5	59,620	3.5
Buyers and purchasing agents .....	27.96	5.5	1,138	7.8	59,162	7.8
Purchasing agents, except wholesale, retail, and farm products .....	28.12	6.6	1,149	9.7	59,764	9.7
Claims adjusters, appraisers, examiners, and investigators .....	20.80	6.5	809	6.6	42,070	6.6
Claims adjusters, examiners, and investigators .....	20.80	6.5	809	6.6	42,070	6.6
Human resources, training, and labor relations specialists .....	25.95	9.1	1,034	8.1	53,711	8.1
Employment, recruitment, and placement specialists .....	27.09	14.0	1,103	17.6	57,069	17.6
Compensation, benefits, and job analysis specialists .....	19.48	7.6	788	7.8	40,957	7.8
Management analysts .....	36.06	7.8	1,442	7.8	74,988	7.8
Accountants and auditors .....	27.05	6.9	1,096	5.4	57,003	5.4
Financial analysts and advisors .....	25.96	8.0	1,032	7.6	53,651	7.6
Financial analysts .....	26.67	6.8	1,067	6.8	55,482	6.8
<b>Computer and mathematical science occupations</b> .....	33.62	5.1	1,339	5.0	69,604	5.0
Computer programmers .....	30.73	6.7	1,220	6.9	63,437	6.9
Computer software engineers .....	40.40	8.3	1,616	8.3	84,024	8.3

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 <sup>1</sup>	Hourly earnings <sup>2</sup>		Weekly earnings <sup>4</sup>		Annual earnings <sup>5</sup>	
	Mean	Relative error <sup>3</sup>	Mean	Relative error <sup>3</sup>	Mean	Relative error <sup>3</sup>
<b>Computer and mathematical science occupations</b> –Continued						
Computer software engineers, applications	\$42.80	11.7%	\$1,712	11.7%	\$89,022	11.7%
Computer software engineers, systems software .....	38.86	8.7	1,554	8.7	80,827	8.7
Computer support specialists .....	19.06	19.7	763	19.7	39,651	19.7
Computer systems analysts .....	36.94	3.3	1,465	3.2	76,161	3.2
Network and computer systems administrators .....	33.07	3.9	1,301	3.6	67,663	3.6
Network systems and data communications analysts .....	31.24	5.0	1,250	5.0	64,978	5.0
<b>Architecture and engineering occupations</b> ....	32.87	3.7	1,321	3.6	68,717	3.6
Engineers .....	37.42	4.2	1,508	4.0	78,418	4.0
Civil engineers .....	31.18	10.3	1,247	10.3	64,846	10.3
Electrical and electronics engineers .....	38.38	3.5	1,535	3.5	79,822	3.5
Electrical engineers .....	37.28	8.1	1,491	8.1	77,544	8.1
Industrial engineers, including health and safety .....	30.38	8.3	1,268	7.8	65,942	7.8
Industrial engineers .....	30.38	8.3	1,268	7.8	65,942	7.8
Mechanical engineers .....	34.85	5.1	1,394	5.1	72,494	5.1
Drafters .....	21.28	7.4	851	7.4	44,258	7.4
Mechanical drafters .....	22.01	5.3	880	5.3	45,772	5.3
Engineering technicians, except drafters .....	24.54	6.9	982	6.9	51,044	6.9
Electrical and electronic engineering technicians .....	23.25	15.0	930	15.0	48,359	15.0
<b>Life, physical, and social science occupations</b>	27.76	9.8	1,111	9.8	57,753	9.8
Life scientists .....	22.39	10.2	896	10.2	46,571	10.2
Physical scientists .....	32.35	10.0	1,294	10.0	67,278	10.0
<b>Community and social services occupations</b>	21.15	13.7	841	13.8	43,282	13.8
Social workers .....	26.56	7.3	1,063	7.3	54,124	7.3
<b>Legal occupations</b> .....	39.58	7.5	1,672	4.3	86,932	4.3
Lawyers .....	59.56	7.0	2,436	9.0	126,694	9.0
Paralegals and legal assistants .....	30.98	2.8	1,327	6.7	68,994	6.7
<b>Education, training, and library occupations</b>	30.85	12.4	1,220	12.3	48,611	12.3
Miscellaneous postsecondary teachers .....	36.22	23.9	1,382	22.7	62,568	22.7
<b>Arts, design, entertainment, sports, and media occupations</b> .....	27.65	8.2	1,106	8.2	57,519	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 for full-time workers — Continued**

Occupation <sup>1</sup>	Hourly earnings <sup>2</sup>		Weekly earnings <sup>4</sup>		Annual earnings <sup>5</sup>	
	Mean	Relative error <sup>3</sup>	Mean	Relative error <sup>3</sup>	Mean	Relative error <sup>3</sup>
<b>Arts, design, entertainment, sports, and media occupations –Continued</b>						
Designers .....	\$27.25	15.8%	\$1,090	15.8%	\$56,670	15.8%
Graphic designers .....	19.96	9.2	798	9.2	41,509	9.2
News analysts, reporters and correspondents	35.88	16.7	1,435	16.7	74,621	16.7
Reporters and correspondents .....	30.98	20.8	1,239	20.8	64,438	20.8
Writers and editors .....	19.54	11.4	782	11.4	40,646	11.4
Editors .....	19.68	13.2	787	13.2	40,934	13.2
<b>Healthcare practitioner and technical occupations .....</b>						
Pharmacists .....	28.00	10.5	1,094	10.5	56,907	10.5
Physicians and surgeons .....	52.30	2.8	2,116	3.2	110,034	3.2
Registered nurses .....	102.15	31.2	4,196	30.3	218,191	30.3
Therapists .....	28.99	7.8	1,119	7.8	58,210	7.8
Clinical laboratory technologists and technicians .....	27.42	3.1	1,092	2.7	56,765	2.7
Medical and clinical laboratory technologists .....	22.24	5.8	886	5.9	46,095	5.9
Medical and clinical laboratory technicians .....	24.33	8.3	970	8.2	50,453	8.2
Medical and clinical laboratory technicians .....	18.79	7.6	748	7.6	38,900	7.6
Diagnostic related technologists and technicians .....	25.00	6.2	971	7.0	50,511	7.0
Radiologic technologists and technicians ..	25.20	7.0	978	7.7	50,844	7.7
Health diagnosing and treating practitioner support technicians .....	13.65	8.9	531	9.2	27,617	9.2
Licensed practical and licensed vocational nurses .....	18.41	1.6	724	2.5	37,653	2.5
Medical records and health information technicians .....	15.45	9.8	614	9.4	31,938	9.4
<b>Healthcare support occupations .....</b>						
Nursing, psychiatric, and home health aides	12.69	4.6	503	4.5	26,150	4.5
Home health aides .....	11.82	3.2	468	3.1	24,319	3.1
Nursing aides, orderlies, and attendants ....	11.83	7.7	473	7.7	24,599	7.7
Miscellaneous healthcare support occupations .....	11.81	3.0	465	2.8	24,193	2.8
Medical assistants .....	14.16	7.5	563	7.4	29,256	7.4
Medical transcriptionists .....	12.24	7.4	480	8.5	24,954	8.5
Medical transcriptionists .....	18.04	4.6	722	4.6	37,520	4.6
<b>Protective service occupations .....</b>						
Security guards and gaming surveillance officers .....	11.95	8.2	478	8.2	24,846	8.2
Officers .....	11.61	7.2	464	7.2	24,152	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 for full-time workers — Continued**

Occupation <sup>1</sup>	Hourly earnings <sup>2</sup>		Weekly earnings <sup>4</sup>		Annual earnings <sup>5</sup>	
	Mean	Relative error <sup>3</sup>	Mean	Relative error <sup>3</sup>	Mean	Relative error <sup>3</sup>
<b>Protective service occupations</b> –Continued						
Security guards .....	\$11.61	7.3%	\$464	7.3%	\$24,149	7.3%
<b>Food preparation and serving related occupations</b> .....	10.48	7.0	408	7.3	20,820	7.3
First-line supervisors/managers, food preparation and serving workers .....	15.09	8.8	608	8.5	31,636	8.5
First-line supervisors/managers of food preparation and serving workers .....	14.80	9.3	597	8.9	31,038	8.9
Cooks .....	12.41	3.5	482	4.0	24,711	4.0
Cooks, institution and cafeteria .....	13.97	6.6	544	8.7	26,939	8.7
Food preparation workers .....	9.33	9.1	369	9.4	18,208	9.4
Food service, tipped .....	4.22	17.2	154	17.1	8,015	17.1
Waiters and waitresses .....	3.33	9.8	123	13.9	6,380	13.9
<b>Building and grounds cleaning and maintenance occupations</b> .....	12.15	4.0	486	3.8	25,252	3.8
Building cleaning workers .....	11.72	3.7	467	3.8	24,259	3.8
Janitors and cleaners, except maids and housekeeping cleaners .....	12.40	4.3	493	4.3	25,633	4.3
Maids and housekeeping cleaners .....	10.00	4.2	400	4.2	20,793	4.2
<b>Personal care and service occupations</b> .....	11.44	7.2	432	6.8	22,434	6.8
Gaming services workers .....	6.25	9.4	249	9.2	12,954	9.2
<b>Sales and related occupations</b> .....	16.92	6.8	676	7.0	35,132	7.0
First-line supervisors/managers, sales workers .....	21.09	9.1	844	8.5	43,904	8.5
First-line supervisors/managers of retail sales workers .....	19.23	5.6	771	5.4	40,100	5.4
Retail sales workers .....	11.20	3.9	444	3.9	23,095	3.9
Cashiers, all workers .....	10.14	2.4	406	2.4	21,086	2.4
Cashiers .....	10.31	1.6	413	1.6	21,452	1.6
Retail salespersons .....	11.68	5.1	461	5.1	23,955	5.1
Insurance sales agents .....	20.30	9.9	800	10.8	41,608	10.8
Sales representatives, wholesale and manufacturing .....	26.25	6.7	1,086	10.6	56,471	10.6
Sales representatives, wholesale and manufacturing, except technical and scientific products .....	24.99	8.3	1,036	11.7	53,892	11.7
Miscellaneous sales and related workers .....	19.32	4.5	773	4.5	40,194	4.5

See footnotes at end of table.

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**Private industry establishments with 100 workers or more: Relative standard errors of mean hourly, weekly, and annual earnings for full-time workers — Continued**

Occupation <sup>1</sup>	Hourly earnings <sup>2</sup>		Weekly earnings <sup>4</sup>		Annual earnings <sup>5</sup>	
	Mean	Relative error <sup>3</sup>	Mean	Relative error <sup>3</sup>	Mean	Relative error <sup>3</sup>
<b>Office and administrative support occupations</b> .....	\$15.54	1.5%	\$618	1.4%	\$32,143	1.4%
First-line supervisors/managers of office and administrative support workers .....	22.57	3.4	916	3.3	47,645	3.3
Financial clerks .....	14.38	2.2	573	2.1	29,772	2.1
Bill and account collectors .....	14.49	9.2	580	9.2	30,137	9.2
Billing and posting clerks and machine operators .....	15.17	3.9	607	3.9	31,553	3.9
Bookkeeping, accounting, and auditing clerks .....	14.13	4.0	561	3.8	29,179	3.8
Tellers .....	11.71	3.6	468	3.6	24,350	3.6
Customer service representatives .....	15.87	3.7	633	3.4	32,911	3.4
Interviewers, except eligibility and loan .....	12.54	5.9	501	5.7	26,044	5.7
Loan interviewers and clerks .....	16.09	2.3	644	2.3	33,472	2.3
Order clerks .....	18.16	8.4	726	8.4	37,768	8.4
Human resources assistants, except payroll and timekeeping .....	15.56	8.2	623	8.2	32,374	8.2
Receptionists and information clerks .....	12.87	6.8	515	6.8	26,779	6.8
Dispatchers .....	17.74	7.9	768	13.4	38,321	13.4
Dispatchers, except police, fire, and ambulance .....	17.74	7.9	768	13.4	38,321	13.4
Production, planning, and expediting clerks .....	21.38	4.4	855	4.4	44,465	4.4
Shipping, receiving, and traffic clerks .....	12.61	6.3	500	5.3	26,016	5.3
Stock clerks and order fillers .....	14.94	9.1	593	9.4	30,859	9.4
Secretaries and administrative assistants .....	18.82	3.0	754	3.2	39,224	3.2
Executive secretaries and administrative assistants .....	19.83	5.7	792	5.7	41,170	5.7
Medical secretaries .....	16.17	5.0	645	5.2	33,528	5.2
Secretaries, except legal, medical, and executive .....	17.37	4.2	692	4.4	36,004	4.4
Data entry and information processing workers .....	12.66	6.8	504	7.0	26,184	7.0
Data entry keyers .....	12.29	9.3	491	9.5	25,535	9.5
Insurance claims and policy processing clerks .....	14.60	7.8	572	7.1	29,769	7.1
Office clerks, general .....	13.76	4.8	546	4.2	28,409	4.2
<b>Construction and extraction occupations</b> .....	27.04	8.5	1,082	8.5	56,253	8.5
Carpenters .....	28.94	6.5	1,158	6.5	60,196	6.5
Construction laborers .....	18.86	18.7	754	18.7	39,230	18.7
Electricians .....	28.02	10.1	1,121	10.1	58,273	10.1

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 <sup>1</sup>	Hourly earnings <sup>2</sup>		Weekly earnings <sup>4</sup>		Annual earnings <sup>5</sup>	
	Mean	Relative error <sup>3</sup>	Mean	Relative error <sup>3</sup>	Mean	Relative error <sup>3</sup>
<b>Installation, maintenance, and repair occupations</b> .....	\$22.72	4.1%	\$909	4.1%	\$47,244	4.1%
First-line supervisors/managers of mechanics, installers, and repairers .....	32.71	4.7	1,309	4.7	68,046	4.7
Aircraft mechanics and service technicians ..	25.27	4.6	1,011	4.6	52,562	4.6
Automotive technicians and repairers .....	20.06	8.4	802	8.4	41,729	8.4
Automotive service technicians and mechanics .....	21.19	12.0	847	12.0	44,069	12.0
Bus and truck mechanics and diesel engine specialists .....	17.77	6.5	713	6.6	37,055	6.6
Industrial machinery installation, repair, and maintenance workers .....	21.51	4.6	860	4.6	44,697	4.6
Industrial machinery mechanics .....	23.23	3.4	928	3.5	48,253	3.5
Maintenance and repair workers, general ..	19.72	11.3	788	11.3	40,999	11.3
Maintenance workers, machinery .....	14.13	4.3	565	4.3	29,396	4.3
Miscellaneous installation, maintenance, and repair workers .....	18.37	20.2	735	20.2	38,218	20.2
<b>Production occupations</b> .....	16.36	2.9	654	2.9	33,868	2.9
First-line supervisors/managers of production and operating workers .....	22.39	8.9	899	9.0	46,760	9.0
Electrical, electronics, and electromechanical assemblers .....	17.58	11.5	703	11.5	36,567	11.5
Electrical and electronic equipment assemblers .....	17.90	11.7	716	11.7	37,222	11.7
Miscellaneous assemblers and fabricators .....	17.58	8.4	701	8.5	36,339	8.5
Butchers and other meat, poultry, and fish processing workers .....	13.33	5.2	533	5.2	27,722	5.2
Slaughterers and meat packers .....	12.56	1.7	502	1.7	26,124	1.7
Miscellaneous food processing workers .....	14.88	8.3	595	8.3	30,956	8.3
Food batchmakers .....	15.26	9.2	610	9.2	31,731	9.2
Computer control programmers and operators .....	14.71	12.7	585	12.2	30,404	12.2
Computer-controlled machine tool operators, metal and plastic .....	14.71	12.7	585	12.2	30,404	12.2
Forming machine setters, operators, and tenders, metal and plastic .....	15.82	4.8	633	4.8	32,904	4.8
Machine tool cutting setters, operators, and tenders, metal and plastic .....	15.78	5.8	631	5.8	32,789	5.8
Cutting, punching, and press machine setters, operators, and tenders, metal and plastic .....	14.71	6.8	587	6.8	30,532	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 for full-time workers — Continued**

Occupation <sup>1</sup>	Hourly earnings <sup>2</sup>		Weekly earnings <sup>4</sup>		Annual earnings <sup>5</sup>	
	Mean	Relative error <sup>3</sup>	Mean	Relative error <sup>3</sup>	Mean	Relative error <sup>3</sup>
<b>Production occupations –Continued</b>						
Grinding, lapping, polishing, and buffing machine tool setters, operators, and tenders, metal and plastic .....	\$17.67	6.3%	\$707	6.3%	\$36,757	6.3%
Machinists .....	22.98	9.5	919	9.5	47,801	9.5
Molders and molding machine setters, operators, and tenders, metal and plastic	12.88	4.9	515	4.9	26,711	4.9
Molding, coremaking, and casting machine setters, operators, and tenders, metal and plastic .....	12.88	4.9	515	4.9	26,711	4.9
Multiple machine tool setters, operators, and tenders, metal and plastic .....	19.10	6.4	764	6.4	39,646	6.4
Tool and die makers .....	23.16	6.5	926	6.5	48,172	6.5
Welding, soldering, and brazing workers .....	17.23	10.3	689	10.3	35,845	10.3
Welders, cutters, solderers, and brazers ....	17.61	11.2	704	11.2	36,627	11.2
Miscellaneous metalworkers and plastic workers .....	15.18	6.8	607	6.8	31,577	6.8
Printers .....	19.22	10.1	767	10.1	39,861	10.1
Printing machine operators .....	19.48	13.8	776	13.8	40,357	13.8
Chemical processing machine setters, operators, and tenders .....	19.92	4.4	797	4.4	41,432	4.4
Separating, filtering, clarifying, precipitating, and still machine setters, operators, and tenders .....	19.31	6.1	773	6.1	40,174	6.1
Inspectors, testers, sorters, samplers, and weighers .....	18.31	6.5	732	6.5	38,089	6.5
Packaging and filling machine operators and tenders .....	16.56	4.1	662	4.1	34,437	4.1
Painting workers .....	18.41	6.6	736	6.6	38,283	6.6
Coating, painting, and spraying machine setters, operators, and tenders .....	18.71	7.8	748	7.8	38,921	7.8
Miscellaneous production workers .....	12.56	6.2	502	6.3	25,477	6.3
Helpers--production workers .....	11.73	7.5	469	7.5	24,397	7.5
<b>Transportation and material moving occupations</b>						
.....	18.44	4.4	770	4.8	39,827	4.8
First-line supervisors/managers of helpers, laborers, and material movers, hand .....	20.77	7.3	831	7.3	43,206	7.3
First-line supervisors/managers of transportation and material-moving machine and vehicle operators .....	31.17	22.1	1,316	19.8	68,413	19.8
Driver/sales workers and truck drivers .....	18.28	12.0	861	11.3	44,773	11.3
Truck drivers, heavy and tractor-trailer .....	18.45	11.0	899	8.1	46,769	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 for full-time workers — Continued**

Occupation <sup>1</sup>	Hourly earnings <sup>2</sup>		Weekly earnings <sup>4</sup>		Annual earnings <sup>5</sup>	
	Mean	Relative error <sup>3</sup>	Mean	Relative error <sup>3</sup>	Mean	Relative error <sup>3</sup>
<b>Transportation and material moving occupations</b> –Continued						
Truck drivers, light or delivery services ....	\$17.87	24.2%	\$780	28.6%	\$40,534	28.6%
Industrial truck and tractor operators .....	15.43	7.8	616	7.9	31,266	7.9
Laborers and material movers, hand .....	13.59	8.9	542	8.9	28,183	8.9
Laborers and freight, stock, and material movers, hand .....	16.13	12.6	642	12.7	33,313	12.7
Machine feeders and offbearers .....	15.18	3.9	607	3.9	31,570	3.9
Packers and packagers, hand .....	11.09	6.2	443	6.2	23,045	6.2

<sup>1</sup> A classification system including about 800 individual occupations is used to cover all workers in the civilian economy. See appendix B for more information.

<sup>2</sup> 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.

<sup>3</sup> 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.

<sup>4</sup> Mean weekly earnings are the straight-time weekly wages or salaries paid to employees.

<sup>5</sup> 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.