

RSE Table 11

**Full-time¹ civilian workers: Relative standard errors
of mean hourly, weekly, and annual earnings**

Occupation ²	Hourly earnings ³		Weekly earnings ⁵		Annual earnings ⁶	
	Mean	Relative error ⁴	Mean	Relative error ⁴	Mean	Relative error ⁴
All workers	\$25.20	1.8%	\$987	1.8%	\$49,965	1.8%
Management occupations	44.00	3.1	1,758	3.0	90,845	3.0
General and operations managers	55.51	5.5	2,266	5.3	117,855	5.3
Marketing and sales managers	47.61	4.6	1,945	4.6	101,150	4.6
Marketing managers	50.95	11.4	2,132	10.6	110,850	10.6
Sales managers	43.58	6.8	1,731	7.4	90,020	7.4
Public relations managers	34.76	6.2	1,386	6.3	72,088	6.3
Administrative services managers	40.34	7.7	1,601	7.9	83,253	7.9
Computer and information systems managers	52.46	6.9	2,082	5.9	108,246	5.9
Financial managers	45.87	7.2	1,851	8.0	96,250	8.0
Human resources managers	42.92	22.6	1,675	21.2	87,116	21.2
Industrial production managers	43.07	10.1	1,749	10.0	90,925	10.0
Purchasing managers	39.73	14.3	1,540	14.0	80,106	14.0
Transportation, storage, and distribution managers	28.49	14.9	1,134	15.7	58,957	15.7
Construction managers	40.95	8.1	1,678	8.6	87,232	8.6
Education administrators	40.34	6.9	1,510	6.5	76,008	6.5
Education administrators, elementary and secondary school	51.12	8.8	2,020	8.3	95,046	8.3
Education administrators, postsecondary ..	41.40	4.9	1,504	4.5	77,545	4.5
Engineering managers	49.86	7.5	2,013	6.4	104,692	6.4
Food service managers	21.29	10.9	875	11.0	45,492	11.0
Medical and health services managers	46.60	8.3	1,867	7.0	91,168	7.0
Property, real estate, and community association managers	28.45	4.7	1,095	3.3	56,939	3.3
Social and community service managers	22.58	18.9	895	18.1	46,561	18.1
Business and financial operations occupations	32.64	2.3	1,301	3.2	67,672	3.2
Buyers and purchasing agents	30.47	4.4	1,242	4.2	64,578	4.2
Wholesale and retail buyers, except farm products	26.09	17.5	1,072	16.5	55,730	16.5
Purchasing agents, except wholesale, retail, and farm products	32.38	6.5	1,315	7.4	68,386	7.4
Claims adjusters, appraisers, examiners, and investigators	27.06	4.6	1,044	4.0	54,265	4.0
Claims adjusters, examiners, and investigators	27.52	7.2	1,062	6.7	55,222	6.7
Compliance officers, except agriculture, construction, health and safety, and transportation	24.54	11.2	999	12.4	51,924	12.4
Human resources, training, and labor relations specialists	30.56	6.4	1,183	9.1	61,531	9.1

See footnotes at end of table.

RSE Table 11

Full-time¹ civilian workers: Relative standard errors of mean hourly, weekly, and annual earnings — Continued

Occupation ²	Hourly earnings ³		Weekly earnings ⁵		Annual earnings ⁶	
	Mean	Relative error ⁴	Mean	Relative error ⁴	Mean	Relative error ⁴
Business and financial operations occupations –Continued						
Employment, recruitment, and placement specialists	\$30.46	18.3%	\$1,153	26.8%	\$59,974	26.8%
Compensation, benefits, and job analysis specialists	32.78	8.5	1,317	9.7	68,464	9.7
Training and development specialists	30.93	9.7	1,178	12.5	61,241	12.5
Management analysts	41.32	3.8	1,713	5.5	89,069	5.5
Accountants and auditors	28.25	3.8	1,090	3.8	56,675	3.8
Appraisers and assessors of real estate	24.70	8.8	941	10.4	48,951	10.4
Budget analysts	36.18	11.0	1,447	11.0	75,250	11.0
Financial analysts and advisors	42.24	8.3	1,748	8.0	90,904	8.0
Financial analysts	43.94	6.0	1,894	3.7	98,476	3.7
Insurance underwriters	42.41	23.8	1,608	26.1	83,598	26.1
Loan counselors and officers	40.20	18.0	1,608	18.0	83,624	18.0
Computer and mathematical science occupations						
Computer programmers	32.59	10.4	1,292	10.7	67,176	10.7
Computer software engineers	46.28	3.0	1,863	2.8	96,888	2.8
Computer software engineers, applications	46.55	3.7	1,894	2.3	98,507	2.3
Computer software engineers, systems software	46.06	4.8	1,838	4.9	95,585	4.9
Computer support specialists	30.51	7.0	1,197	7.3	62,248	7.3
Computer systems analysts	40.01	3.5	1,598	4.4	83,083	4.4
Network and computer systems administrators	35.67	4.4	1,427	4.7	74,200	4.7
Network systems and data communications analysts	34.39	5.9	1,338	4.5	69,600	4.5
Actuaries	44.81	13.6	1,693	13.2	88,018	13.2
Architecture and engineering occupations						
Architects, except naval	34.08	18.5	1,438	18.4	74,801	18.4
Architects, except landscape and naval	35.25	18.4	1,479	18.8	76,898	18.8
Engineers	42.58	2.5	1,733	2.4	90,098	2.4
Aerospace engineers	48.37	4.7	1,983	4.5	103,091	4.5
Civil engineers	33.23	5.3	1,329	5.3	69,124	5.3
Computer hardware engineers	49.29	1.4	1,972	1.4	102,527	1.4
Electrical and electronics engineers	44.67	6.1	1,831	4.9	95,201	4.9
Electrical engineers	41.12	6.3	1,699	5.0	88,332	5.0
Electronics engineers, except computer	46.05	8.8	1,881	7.3	97,835	7.3
Industrial engineers, including health and safety	37.89	7.0	1,554	6.8	80,816	6.8
Industrial engineers	38.82	7.2	1,596	6.7	83,007	6.7

See footnotes at end of table.

RSE Table 11

Full-time¹ civilian workers: Relative standard errors of mean hourly, weekly, and annual earnings — Continued

Occupation ²	Hourly earnings ³		Weekly earnings ⁵		Annual earnings ⁶	
	Mean	Relative error ⁴	Mean	Relative error ⁴	Mean	Relative error ⁴
Architecture and engineering occupations						
–Continued						
Mechanical engineers	\$41.90	6.2%	\$1,703	6.1%	\$88,533	6.1%
Drafters	25.27	12.5	1,011	12.5	52,564	12.5
Engineering technicians, except drafters	24.74	3.9	984	3.9	51,193	3.9
Electrical and electronic engineering technicians	24.18	8.4	967	8.4	50,295	8.4
Industrial engineering technicians	26.15	10.2	1,046	10.2	54,396	10.2
Life, physical, and social science occupations	33.15	11.0	1,308	11.1	67,546	11.1
Life scientists	36.86	31.7	1,454	30.8	75,619	30.8
Biological scientists	45.08	11.5	1,784	12.6	92,757	12.6
Biochemists and biophysicists	45.08	11.5	1,784	12.6	92,757	12.6
Physical scientists	34.26	9.7	1,374	9.9	71,473	9.9
Chemists and materials scientists	45.87	10.9	1,846	11.6	95,992	11.6
Materials scientists	45.63	6.7	1,851	6.8	96,274	6.8
Market and survey researchers	44.34	19.0	1,794	19.3	93,285	19.3
Market research analysts	44.34	19.0	1,794	19.3	93,285	19.3
Psychologists	30.91	23.6	1,140	17.7	52,117	17.7
Clinical, counseling, and school psychologists	42.65	11.8	1,492	9.3	63,657	9.3
Chemical technicians	18.19	3.7	728	3.7	37,840	3.7
Miscellaneous life, physical, and social science technicians	20.56	7.2	823	7.2	42,774	7.2
Community and social services occupations	23.50	4.6	902	4.2	44,720	4.2
Counselors	30.59	7.6	1,135	6.9	51,714	6.9
Educational, vocational, and school counselors	36.09	14.9	1,285	12.4	54,289	12.4
Social workers	21.82	5.0	847	4.3	43,190	4.3
Child, family, and school social workers ..	23.85	6.2	907	5.7	45,581	5.7
Medical and public health social workers	25.23	10.9	1,009	10.9	52,472	10.9
Mental health and substance abuse social workers	17.34	5.6	694	5.6	36,064	5.6
Miscellaneous community and social service specialists	19.41	9.1	747	9.7	38,354	9.7
Social and human service assistants	16.18	7.3	618	8.4	31,546	8.4
Legal occupations	44.36	12.8	1,712	12.5	89,049	12.5
Lawyers	56.02	13.5	2,217	13.1	115,294	13.1
Paralegals and legal assistants	25.06	8.4	946	7.2	49,191	7.2
Education, training, and library occupations	35.79	4.1	1,279	3.8	50,925	3.8
Postsecondary teachers	52.41	5.3	1,979	6.0	80,624	6.0

See footnotes at end of table.

RSE Table 11

**Full-time¹ civilian workers: Relative standard errors
of mean hourly, weekly, and annual earnings — Continued**

Occupation ²	Hourly earnings ³		Weekly earnings ⁵		Annual earnings ⁶	
	Mean	Relative error ⁴	Mean	Relative error ⁴	Mean	Relative error ⁴
Education, training, and library occupations						
–Continued						
Math and computer teachers, postsecondary	\$63.12	14.3%	\$2,351	14.4%	\$85,316	14.4%
Mathematical science teachers, postsecondary	52.15	12.4	1,932	13.9	70,690	13.9
Life sciences teachers, postsecondary	51.63	3.5	2,256	5.2	110,452	5.2
Biological science teachers, postsecondary	51.63	3.5	2,256	5.2	110,452	5.2
Physical sciences teachers, postsecondary	65.84	11.0	2,555	10.4	110,998	10.4
Social sciences teachers, postsecondary	45.53	7.0	1,671	8.5	70,790	8.5
Economics teachers, postsecondary	44.25	27.4	1,516	22.9	58,164	22.9
Arts, communications, and humanities teachers, postsecondary	51.18	16.3	1,859	16.5	69,356	16.5
English language and literature teachers, postsecondary	62.10	17.7	2,182	13.6	89,908	13.6
Miscellaneous postsecondary teachers	45.05	6.8	1,637	6.3	65,527	6.3
Primary, secondary, and special education						
school teachers	37.45	4.1	1,335	3.5	51,531	3.5
Preschool and kindergarten teachers	16.83	7.2	643	6.8	30,237	6.8
Preschool teachers, except special education	14.41	6.7	556	6.4	26,816	6.4
Kindergarten teachers, except special education	41.40	11.9	1,436	11.8	55,098	11.8
Elementary and middle school teachers	43.13	1.7	1,505	1.4	55,706	1.4
Elementary school teachers, except special education	43.25	1.8	1,509	1.7	55,866	1.7
Middle school teachers, except special and vocational education	42.75	3.0	1,490	2.8	55,216	2.8
Secondary school teachers	42.70	1.1	1,507	1.1	55,666	1.1
Secondary school teachers, except special and vocational education	42.77	1.1	1,512	1.0	55,852	1.0
Special education teachers	40.22	8.0	1,416	6.2	53,165	6.2
Special education teachers, preschool, kindergarten, and elementary school	41.97	6.8	1,487	5.3	55,755	5.3
Special education teachers, middle school	33.20	15.1	1,216	13.5	47,225	13.5
Special education teachers, secondary school	44.45	5.9	1,487	6.0	54,286	6.0
Other teachers and instructors	23.71	6.8	833	9.3	37,017	9.3
Librarians	26.79	6.7	1,006	6.5	50,349	6.5
Instructional coordinators	28.66	28.2	989	26.6	46,065	26.6
Teacher assistants	14.22	4.6	479	3.9	18,667	3.9

See footnotes at end of table.

RSE Table 11

**Full-time¹ civilian workers: Relative standard errors
of mean hourly, weekly, and annual earnings — Continued**

Occupation ²	Hourly earnings ³		Weekly earnings ⁵		Annual earnings ⁶	
	Mean	Relative error ⁴	Mean	Relative error ⁴	Mean	Relative error ⁴
Arts, design, entertainment, sports, and media occupations	\$29.18	7.2%	\$1,141	6.3%	\$59,336	6.3%
Designers	27.53	5.5	1,086	4.9	56,493	4.9
Graphic designers	26.24	6.7	1,050	6.7	54,585	6.7
Athletes, coaches, umpires, and related workers	42.95	15.6	1,705	16.3	88,153	16.3
Public relations specialists	32.49	3.5	1,266	5.0	65,810	5.0
Writers and editors	40.72	1.9	1,564	1.6	81,347	1.6
Editors	39.37	6.5	1,466	8.0	76,217	8.0
Technical writers	43.34	4.3	1,774	4.9	92,268	4.9
Broadcast and sound engineering technicians and radio operators	20.28	5.9	808	6.1	42,041	6.1
Healthcare practitioner and technical occupations	31.13	5.9	1,194	5.4	61,506	5.4
Pharmacists	48.93	3.0	1,926	3.6	100,144	3.6
Physicians and surgeons	63.39	24.5	2,466	23.3	128,216	23.3
Registered nurses	34.20	3.3	1,275	3.1	65,537	3.1
Therapists	34.59	5.7	1,328	4.6	64,468	4.6
Occupational therapists	37.03	18.7	1,385	13.9	62,238	13.9
Physical therapists	32.33	3.6	1,269	2.3	65,974	2.3
Clinical laboratory technologists and technicians	21.69	5.6	858	5.7	44,632	5.7
Medical and clinical laboratory technologists	23.44	14.4	938	14.4	48,751	14.4
Medical and clinical laboratory technicians	19.17	7.6	747	6.2	38,841	6.2
Emergency medical technicians and paramedics	16.99	9.4	669	9.5	34,812	9.5
Health diagnosing and treating practitioner support technicians	18.30	6.8	709	7.3	36,727	7.3
Pharmacy technicians	13.96	9.3	525	8.7	27,292	8.7
Licensed practical and licensed vocational nurses	24.49	2.7	953	3.7	49,535	3.7
Medical records and health information technicians	16.61	6.0	642	7.3	33,409	7.3
Healthcare support occupations	14.35	2.5	552	2.6	28,650	2.6
Nursing, psychiatric, and home health aides	13.43	3.1	516	3.4	26,836	3.4
Home health aides	11.50	4.7	432	6.6	22,479	6.6
Nursing aides, orderlies, and attendants	14.12	2.1	547	2.8	28,420	2.8
Psychiatric aides	14.30	5.9	560	4.8	29,133	4.8
Miscellaneous healthcare support occupations	16.09	2.4	618	3.5	32,160	3.5

See footnotes at end of table.

RSE Table 11

Full-time¹ civilian workers: Relative standard errors of mean hourly, weekly, and annual earnings — Continued

Occupation ²	Hourly earnings ³		Weekly earnings ⁵		Annual earnings ⁶	
	Mean	Relative error ⁴	Mean	Relative error ⁴	Mean	Relative error ⁴
Healthcare support occupations –Continued						
Dental assistants	\$20.50	5.8%	\$742	6.4%	\$38,581	6.4%
Medical assistants	14.81	3.7	572	4.9	29,764	4.9
Protective service occupations	22.64	8.3	905	8.4	46,275	8.4
First-line supervisors/managers, law enforcement workers	35.62	10.8	1,414	10.6	73,528	10.6
First-line supervisors/managers of fire fighting and prevention workers	30.87	3.6	1,358	5.5	70,593	5.5
Fire fighters	22.94	4.5	980	4.4	50,959	4.4
Bailiffs, correctional officers, and jailers	24.32	4.1	950	3.6	49,418	3.6
Correctional officers and jailers	23.65	4.0	930	3.7	48,340	3.7
Police officers	26.79	6.9	1,049	7.0	54,543	7.0
Police and sheriff's patrol officers	26.79	6.9	1,049	7.0	54,543	7.0
Security guards and gaming surveillance officers	16.79	11.0	664	10.6	34,288	10.6
Security guards	16.79	11.0	664	10.6	34,288	10.6
Food preparation and serving related occupations						
First-line supervisors/managers, food preparation and serving workers	19.40	6.8	795	8.3	40,264	8.3
First-line supervisors/managers of food preparation and serving workers	18.08	5.6	742	5.9	37,492	5.9
Cooks	12.94	3.4	500	3.9	25,605	3.9
Cooks, institution and cafeteria	14.56	4.8	556	6.0	27,493	6.0
Cooks, restaurant	12.81	8.1	496	9.1	25,772	9.1
Food preparation workers	11.91	8.2	475	8.2	24,696	8.2
Food service, tipped	7.80	17.8	271	20.3	13,380	20.3
Bartenders	8.03	9.8	272	13.9	14,153	13.9
Waiters and waitresses	7.01	31.3	244	32.0	11,715	32.0
Dining room and cafeteria attendants and bartender helpers	9.82	11.5	361	17.2	17,361	17.2
Fast food and counter workers	9.74	4.6	367	6.3	17,806	6.3
Combined food preparation and serving workers, including fast food	12.21	12.1	448	15.5	19,308	15.5
Counter attendants, cafeteria, food concession, and coffee shop	9.27	6.5	351	8.8	17,469	8.8
Dishwashers	9.09	1.4	360	1.1	18,709	1.1
Building and grounds cleaning and maintenance occupations						
	14.44	2.2	573	2.2	28,683	2.2

See footnotes at end of table.

RSE Table 11

Full-time¹ civilian workers: Relative standard errors of mean hourly, weekly, and annual earnings — Continued

Occupation ²	Hourly earnings ³		Weekly earnings ⁵		Annual earnings ⁶	
	Mean	Relative error ⁴	Mean	Relative error ⁴	Mean	Relative error ⁴
Building and grounds cleaning and maintenance occupations –Continued						
First-line supervisors/managers, building and grounds cleaning and maintenance workers	\$21.05	9.5%	\$841	9.5%	\$43,734	9.5%
First-line supervisors/managers of housekeeping and janitorial workers ...	19.74	14.8	790	14.8	41,058	14.8
Building cleaning workers	13.97	2.8	554	3.0	28,638	3.0
Janitors and cleaners, except maids and housekeeping cleaners	14.74	2.7	586	2.8	30,242	2.8
Maids and housekeeping cleaners	11.10	7.9	438	8.3	22,751	8.3
Grounds maintenance workers	15.46	3.6	617	3.6	25,557	3.6
Landscaping and groundskeeping workers	14.99	2.0	598	2.0	24,477	2.0
Personal care and service occupations						
Child care workers	12.72	4.4	476	2.3	23,868	2.3
Recreation and fitness workers	11.25	3.5	449	3.6	23,020	3.6
Recreation workers	11.91	10.1	461	8.7	14,686	8.7
Recreation workers	11.91	10.1	461	8.7	14,686	8.7
Sales and related occupations						
First-line supervisors/managers, sales workers	21.65	3.9	861	4.4	44,646	4.4
First-line supervisors/managers of retail sales workers	19.85	7.9	815	9.3	42,376	9.3
First-line supervisors/managers of non-retail sales workers	18.86	7.5	780	8.8	40,557	8.8
Retail sales workers	24.05	14.7	957	14.9	49,775	14.9
Cashiers, all workers	13.71	4.3	540	4.7	27,924	4.7
Cashiers	11.20	5.3	425	6.4	21,984	6.4
Cashiers	11.20	5.3	425	6.4	21,984	6.4
Counter and rental clerks and parts salespersons	13.51	14.7	540	14.7	27,945	14.7
Counter and rental clerks	11.43	18.1	457	18.1	23,548	18.1
Parts salespersons	15.94	5.4	637	5.4	33,145	5.4
Retail salespersons	14.92	9.3	594	9.7	30,726	9.7
Insurance sales agents	24.99	18.3	991	17.9	51,518	17.9
Securities, commodities, and financial services sales agents	83.24	21.8	3,233	22.7	168,102	22.7
Travel agents	16.34	9.0	597	14.6	31,037	14.6
Sales representatives, wholesale and manufacturing	30.17	2.8	1,216	2.1	63,246	2.1
Sales representatives, wholesale and manufacturing, technical and scientific products	36.09	12.3	1,443	12.3	75,059	12.3

See footnotes at end of table.

RSE Table 11

Full-time¹ civilian workers: Relative standard errors of mean hourly, weekly, and annual earnings — Continued

Occupation ²	Hourly earnings ³		Weekly earnings ⁵		Annual earnings ⁶	
	Mean	Relative error ⁴	Mean	Relative error ⁴	Mean	Relative error ⁴
Sales and related occupations –Continued						
Sales representatives, wholesale and manufacturing, except technical and scientific products	\$27.19	3.0%	\$1,100	2.5%	\$57,223	2.5%
Miscellaneous sales and related workers	24.20	9.4	962	9.2	50,010	9.2
Office and administrative support occupations						
First-line supervisors/managers of office and administrative support workers	18.23	1.5	712	1.4	36,821	1.4
Switchboard operators, including answering service	28.54	8.4	1,107	9.1	57,551	9.1
Financial clerks	14.94	9.9	562	10.2	29,228	10.2
Billing and posting clerks and machine operators	17.18	2.4	669	2.4	34,774	2.4
Bookkeeping, accounting, and auditing clerks	16.14	3.0	631	3.0	32,792	3.0
Payroll and timekeeping clerks	19.33	2.8	741	3.4	38,469	3.4
Tellers	19.10	4.7	749	5.1	38,947	5.1
Brokers	13.46	3.5	533	3.7	27,706	3.7
Brokerage clerks	18.84	6.8	742	5.7	38,604	5.7
Customer service representatives	19.37	4.8	761	4.6	39,581	4.6
File clerks	13.47	11.3	539	11.3	28,027	11.3
Loan interviewers and clerks	19.06	11.3	751	10.2	39,029	10.2
Order clerks	18.22	4.1	719	4.9	37,401	4.9
Receptionists and information clerks	14.06	4.0	542	4.3	27,835	4.3
Reservation and transportation ticket agents and travel clerks	15.01	6.6	579	7.6	30,130	7.6
Dispatchers	19.84	6.5	795	6.1	41,357	6.1
Police, fire, and ambulance dispatchers	21.29	9.6	816	8.2	42,427	8.2
Dispatchers, except police, fire, and ambulance	19.15	7.7	785	8.2	40,817	8.2
Production, planning, and expediting clerks	21.26	4.3	850	4.3	44,221	4.3
Shipping, receiving, and traffic clerks	15.48	6.1	617	5.8	32,066	5.8
Stock clerks and order fillers	13.73	5.3	543	5.3	28,256	5.3
Secretaries and administrative assistants	20.13	2.0	781	2.1	40,095	2.1
Executive secretaries and administrative assistants	23.35	2.6	909	2.3	47,291	2.3
Medical secretaries	17.22	3.6	674	3.8	35,058	3.8
Secretaries, except legal, medical, and executive	17.86	6.0	682	6.0	34,120	6.0
Computer operators	14.81	7.4	592	7.4	30,799	7.4
Data entry and information processing workers	14.59	7.3	567	7.7	28,720	7.7
Data entry keyers	13.51	6.7	529	7.3	26,604	7.3

See footnotes at end of table.

RSE Table 11

**Full-time¹ civilian workers: Relative standard errors
of mean hourly, weekly, and annual earnings — Continued**

Occupation ²	Hourly earnings ³		Weekly earnings ⁵		Annual earnings ⁶	
	Mean	Relative error ⁴	Mean	Relative error ⁴	Mean	Relative error ⁴
Office and administrative support occupations –Continued						
Word processors and typists	\$18.10	11.3%	\$685	10.7%	\$35,602	10.7%
Insurance claims and policy processing clerks	17.03	2.3	662	2.5	34,429	2.5
Mail clerks and mail machine operators, except postal service	15.13	3.4	593	4.1	30,840	4.1
Office clerks, general	18.58	4.5	724	4.5	37,585	4.5
Construction and extraction occupations	24.84	4.8	993	4.8	50,876	4.8
First-line supervisors/managers of construction trades and extraction workers	32.23	9.1	1,291	9.1	67,116	9.1
Carpenters	25.42	8.6	1,017	8.6	52,870	8.6
Construction laborers	22.52	8.4	901	8.4	43,731	8.4
Construction equipment operators	30.65	7.6	1,226	7.6	61,837	7.6
Operating engineers and other construction equipment operators	33.11	10.9	1,324	10.9	65,765	10.9
Electricians	24.55	4.3	987	3.9	51,317	3.9
Pipelayers, plumbers, pipefitters, and steamfitters	26.12	13.5	1,042	13.7	54,168	13.7
Plumbers, pipefitters, and steamfitters	27.59	11.3	1,100	11.4	57,187	11.4
Helpers, construction trades	19.57	19.3	779	19.2	40,525	19.2
Construction and building inspectors	29.23	2.9	1,151	3.4	59,876	3.4
Installation, maintenance, and repair occupations	22.55	1.7	907	1.5	46,999	1.5
First-line supervisors/managers of mechanics, installers, and repairers	28.69	12.4	1,214	15.1	63,127	15.1
Radio and telecommunications equipment installers and repairers	27.21	5.3	1,078	5.9	56,064	5.9
Telecommunications equipment installers and repairers, except line installers	27.21	5.3	1,078	5.9	56,064	5.9
Miscellaneous electrical and electronic equipment mechanics, installers, and repairers	26.16	15.2	1,046	15.2	54,405	15.2
Aircraft mechanics and service technicians ..	31.12	4.2	1,245	4.2	64,729	4.2
Automotive technicians and repairers	21.48	11.9	882	12.4	45,876	12.4
Automotive service technicians and mechanics	21.53	12.9	884	13.2	45,985	13.2
Bus and truck mechanics and diesel engine specialists	18.86	3.4	754	3.4	39,224	3.4
Heating, air conditioning, and refrigeration mechanics and installers	24.01	10.6	960	10.6	49,946	10.6

See footnotes at end of table.

RSE Table 11

**Full-time¹ civilian workers: Relative standard errors
of mean hourly, weekly, and annual earnings — Continued**

Occupation ²	Hourly earnings ³		Weekly earnings ⁵		Annual earnings ⁶	
	Mean	Relative error ⁴	Mean	Relative error ⁴	Mean	Relative error ⁴
Installation, maintenance, and repair occupations –Continued						
Industrial machinery installation, repair, and maintenance workers	\$19.49	2.8%	\$774	2.8%	\$40,049	2.8%
Industrial machinery mechanics	21.89	7.6	857	8.4	44,549	8.4
Maintenance and repair workers, general ..	19.19	1.9	764	1.6	39,433	1.6
Maintenance workers, machinery	17.54	7.5	702	7.5	36,483	7.5
Line installers and repairers	27.16	4.4	1,086	4.4	56,486	4.4
Electrical power-line installers and repairers	29.28	9.1	1,171	9.1	60,901	9.1
Telecommunications line installers and repairers	26.35	7.9	1,054	7.9	54,813	7.9
Miscellaneous installation, maintenance, and repair workers	17.33	5.5	693	5.5	33,926	5.5
Helpers--installation, maintenance, and repair workers	15.70	4.3	628	4.3	30,330	4.3
Production occupations	15.95	4.4	635	4.4	33,022	4.4
First-line supervisors/managers of production and operating workers	27.63	7.9	1,095	8.0	56,943	8.0
Electrical, electronics, and electromechanical assemblers	14.29	7.0	572	7.0	29,724	7.0
Electrical and electronic equipment assemblers	15.52	10.4	621	10.4	32,289	10.4
Electromechanical equipment assemblers	13.60	3.2	544	3.2	28,297	3.2
Miscellaneous assemblers and fabricators	13.82	3.3	547	3.0	28,428	3.0
Butchers and other meat, poultry, and fish processing workers	17.88	6.6	715	6.6	37,193	6.6
Butchers and meat cutters	18.30	7.4	732	7.4	38,067	7.4
Computer-controlled machine tool operators, metal and plastic	14.12	16.8	565	16.8	29,362	16.8
Forming machine setters, operators, and tenders, metal and plastic	15.28	12.0	611	12.0	31,783	12.0
Extruding and drawing machine setters, operators, and tenders, metal and plastic	16.51	4.4	660	4.4	34,346	4.4
Machine tool cutting setters, operators, and tenders, metal and plastic	18.83	7.7	753	7.7	39,162	7.7
Cutting, punching, and press machine setters, operators, and tenders, metal and plastic	15.70	10.5	628	10.5	32,665	10.5
Grinding, lapping, polishing, and buffing machine tool setters, operators, and tenders, metal and plastic	16.46	3.6	658	3.6	34,228	3.6

See footnotes at end of table.

RSE Table 11

**Full-time¹ civilian workers: Relative standard errors
of mean hourly, weekly, and annual earnings — Continued**

Occupation ²	Hourly earnings ³		Weekly earnings ⁵		Annual earnings ⁶	
	Mean	Relative error ⁴	Mean	Relative error ⁴	Mean	Relative error ⁴
Production occupations –Continued						
Lathe and turning machine tool setters, operators, and tenders, metal and plastic	\$19.96	18.0%	\$798	18.0%	\$41,509	18.0%
Machinists	21.68	4.8	867	4.8	45,096	4.8
Molders and molding machine setters, operators, and tenders, metal and plastic	15.05	9.0	602	9.0	31,311	9.0
Molding, coremaking, and casting machine setters, operators, and tenders, metal and plastic	14.84	8.8	594	8.8	30,872	8.8
Multiple machine tool setters, operators, and tenders, metal and plastic	13.91	9.3	540	11.6	28,092	11.6
Tool and die makers	24.13	11.1	965	11.1	50,197	11.1
Welding, soldering, and brazing workers	17.12	6.5	687	6.5	35,724	6.5
Welders, cutters, solderers, and brazers	18.38	9.2	742	9.1	38,578	9.1
Miscellaneous metalworkers and plastic workers	15.75	7.9	630	7.9	32,757	7.9
Plating and coating machine setters, operators, and tenders, metal and plastic	16.85	10.9	674	10.9	35,044	10.9
Printers	12.48	18.5	496	18.3	25,808	18.3
Printing machine operators	12.13	20.9	484	20.9	25,182	20.9
Laundry and dry-cleaning workers	10.98	4.8	439	4.8	22,847	4.8
Textile machine setters, operators, and tenders	12.48	2.3	499	2.3	25,958	2.3
Miscellaneous textile, apparel, and furnishings workers	12.87	10.9	515	10.9	26,761	10.9
Inspectors, testers, sorters, samplers, and weighers	16.08	5.5	645	5.6	33,538	5.6
Packaging and filling machine operators and tenders	11.61	8.5	464	8.5	24,153	8.5
Miscellaneous production workers	12.80	9.8	511	9.7	26,559	9.7
Helpers--production workers	12.32	12.6	493	12.6	25,621	12.6
Transportation and material moving occupations	15.61	3.0	611	2.5	31,506	2.5
First-line supervisors/managers of helpers, laborers, and material movers, hand	23.46	7.6	940	8.1	45,430	8.1
Bus drivers	18.48	5.7	646	9.8	28,328	9.8
Driver/sales workers and truck drivers	18.05	6.4	723	6.3	37,410	6.3
Driver/sales workers	19.65	37.1	759	38.9	39,462	38.9
Truck drivers, heavy and tractor-trailer	19.69	7.2	800	6.7	41,201	6.7
Truck drivers, light or delivery services	14.88	8.9	594	8.9	30,903	8.9

See footnotes at end of table.

RSE Table 11

Full-time¹ civilian workers: Relative standard errors of mean hourly, weekly, and annual earnings — Continued

Occupation ²	Hourly earnings ³		Weekly earnings ⁵		Annual earnings ⁶	
	Mean	Relative error ⁴	Mean	Relative error ⁴	Mean	Relative error ⁴
Transportation and material moving occupations –Continued						
Dredge, excavating, and loading machine operators	\$21.32	5.9%	\$853	5.9%	\$44,225	5.9%
Excavating and loading machine and dragline operators	21.32	5.9	853	5.9	44,225	5.9
Industrial truck and tractor operators	17.05	5.2	679	5.1	35,312	5.1
Laborers and material movers, hand	12.14	2.9	484	3.0	25,184	3.0
Laborers and freight, stock, and material movers, hand	13.02	3.3	520	3.4	27,049	3.4
Machine feeders and offbearers	11.69	15.3	465	15.5	24,197	15.5
Packers and packagers, hand	10.55	6.7	420	6.5	21,830	6.5

¹ Employees are classified as working either a full-time or a part-time schedule based on the definition used by each establishment. Therefore, a worker with a 35-hour-per-week schedule might be considered a full-time employee in one establishment, but classified as part-time in another firm, where a 40-hour week is the minimum full-time schedule.

² A classification system including about 800 individual occupations is used to cover all workers in the civilian economy. See appendix B for more information.

³ 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.

⁴ 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.

⁵ Mean weekly earnings are the straight-time weekly wages or salaries paid to employees.

⁶ 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.

RSE Table 12

**Full-time¹ private industry workers: Relative standard errors
of mean hourly, weekly, and annual earnings**

Occupation ²	Hourly earnings ³		Weekly earnings ⁵		Annual earnings ⁶	
	Mean	Relative error ⁴	Mean	Relative error ⁴	Mean	Relative error ⁴
All workers	\$24.66	1.8%	\$973	1.8%	\$50,062	1.8%
Management occupations	44.50	3.0	1,783	2.8	92,338	2.8
General and operations managers	57.18	6.0	2,335	5.5	121,405	5.5
Marketing and sales managers	47.61	4.6	1,945	4.6	101,150	4.6
Marketing managers	50.95	11.4	2,132	10.6	110,850	10.6
Sales managers	43.58	6.8	1,731	7.4	90,020	7.4
Administrative services managers	40.12	9.1	1,598	9.4	83,076	9.4
Computer and information systems managers	54.60	6.2	2,169	5.0	112,808	5.0
Financial managers	46.42	7.2	1,876	8.1	97,575	8.1
Human resources managers	44.95	27.0	1,792	25.1	93,205	25.1
Industrial production managers	44.39	8.9	1,804	8.7	93,783	8.7
Purchasing managers	39.14	15.6	1,525	15.8	79,283	15.8
Transportation, storage, and distribution managers	28.49	14.9	1,134	15.7	58,957	15.7
Construction managers	41.40	9.2	1,698	9.9	88,317	9.9
Education administrators	36.01	8.6	1,320	7.3	68,122	7.3
Education administrators, elementary and secondary school	45.26	13.3	1,890	22.9	97,175	22.9
Education administrators, postsecondary ..	41.70	4.9	1,505	3.9	77,479	3.9
Engineering managers	49.62	7.9	2,013	6.9	104,678	6.9
Food service managers	21.29	10.9	875	11.0	45,492	11.0
Medical and health services managers	46.71	9.7	1,891	8.0	91,209	8.0
Business and financial operations occupations	32.90	2.4	1,315	3.4	68,377	3.4
Buyers and purchasing agents	30.47	4.4	1,242	4.2	64,578	4.2
Wholesale and retail buyers, except farm products	26.09	17.5	1,072	16.5	55,730	16.5
Purchasing agents, except wholesale, retail, and farm products	32.38	6.5	1,315	7.4	68,386	7.4
Claims adjusters, appraisers, examiners, and investigators	27.06	4.6	1,044	4.0	54,265	4.0
Claims adjusters, examiners, and investigators	27.52	7.2	1,062	6.7	55,222	6.7
Compliance officers, except agriculture, construction, health and safety, and transportation	23.41	10.7	961	13.4	49,957	13.4
Human resources, training, and labor relations specialists	29.96	6.7	1,158	9.8	60,231	9.8
Employment, recruitment, and placement specialists	30.66	19.9	1,159	29.6	60,243	29.6
Compensation, benefits, and job analysis specialists	30.62	6.3	1,231	8.1	63,995	8.1

See footnotes at end of table.

RSE Table 12

Full-time¹ private industry workers: Relative standard errors of mean hourly, weekly, and annual earnings — Continued

Occupation ²	Hourly earnings ³		Weekly earnings ⁵		Annual earnings ⁶	
	Mean	Relative error ⁴	Mean	Relative error ⁴	Mean	Relative error ⁴
Business and financial operations occupations –Continued						
Training and development specialists	\$30.93	9.7%	\$1,178	12.5%	\$61,241	12.5%
Management analysts	41.98	3.4	1,746	4.9	90,785	4.9
Accountants and auditors	28.39	4.6	1,101	4.4	57,249	4.4
Financial analysts and advisors	42.24	8.3	1,748	8.0	90,904	8.0
Financial analysts	43.94	6.0	1,894	3.7	98,476	3.7
Insurance underwriters	42.41	23.8	1,608	26.1	83,598	26.1
Loan counselors and officers	40.20	18.0	1,608	18.0	83,624	18.0
Computer and mathematical science occupations						
.....	39.50	1.3	1,572	1.8	81,539	1.8
Computer programmers	32.60	10.9	1,295	11.2	67,338	11.2
Computer software engineers	46.41	3.0	1,869	2.8	97,173	2.8
Computer software engineers, applications	46.86	3.5	1,908	2.0	99,198	2.0
Computer software engineers, systems						
software	46.06	4.8	1,838	4.9	95,585	4.9
Computer support specialists	31.61	7.6	1,246	7.9	64,808	7.9
Computer systems analysts	40.06	3.6	1,602	4.4	83,330	4.4
Network and computer systems						
administrators	36.55	5.9	1,469	6.3	76,365	6.3
Network systems and data communications						
analysts	34.19	7.6	1,326	5.8	68,959	5.8
Actuaries	44.81	13.6	1,693	13.2	88,018	13.2
Architecture and engineering occupations						
.....	36.70	4.6	1,497	4.7	77,842	4.7
Architects, except naval	34.08	18.5	1,438	18.4	74,801	18.4
Architects, except landscape and naval	35.25	18.4	1,479	18.8	76,898	18.8
Engineers	42.72	2.4	1,739	2.4	90,454	2.4
Aerospace engineers	48.37	4.7	1,983	4.5	103,091	4.5
Computer hardware engineers	49.29	1.4	1,972	1.4	102,527	1.4
Electrical and electronics engineers	44.63	6.2	1,830	5.0	95,144	5.0
Electrical engineers	40.72	6.6	1,686	5.3	87,665	5.3
Electronics engineers, except computer	46.05	8.8	1,881	7.3	97,835	7.3
Industrial engineers, including health and						
safety	37.89	7.0	1,554	6.8	80,816	6.8
Industrial engineers	38.82	7.2	1,596	6.7	83,007	6.7
Mechanical engineers	41.90	6.2	1,703	6.1	88,533	6.1
Drafters	25.27	12.5	1,011	12.5	52,564	12.5
Engineering technicians, except drafters	25.14	4.2	1,006	4.2	52,292	4.2
Electrical and electronic engineering						
technicians	24.18	8.4	967	8.4	50,295	8.4
Industrial engineering technicians	26.15	10.2	1,046	10.2	54,396	10.2

See footnotes at end of table.

RSE Table 12

**Full-time¹ private industry workers: Relative standard errors
of mean hourly, weekly, and annual earnings — Continued**

Occupation ²	Hourly earnings ³		Weekly earnings ⁵		Annual earnings ⁶	
	Mean	Relative error ⁴	Mean	Relative error ⁴	Mean	Relative error ⁴
Life, physical, and social science occupations	\$34.03	12.4%	\$1,350	12.8%	\$70,114	12.8%
Life scientists	37.34	34.4	1,486	34.1	77,287	34.1
Biological scientists	45.08	11.5	1,784	12.6	92,757	12.6
Biochemists and biophysicists	45.08	11.5	1,784	12.6	92,757	12.6
Physical scientists	36.53	9.5	1,467	9.7	76,268	9.7
Chemists and materials scientists	45.87	10.9	1,846	11.6	95,992	11.6
Materials scientists	45.63	6.7	1,851	6.8	96,274	6.8
Market and survey researchers	44.48	19.3	1,800	19.7	93,582	19.7
Market research analysts	44.48	19.3	1,800	19.7	93,582	19.7
Chemical technicians	18.19	3.7	728	3.7	37,840	3.7
Miscellaneous life, physical, and social science technicians	20.56	7.2	823	7.2	42,774	7.2
Community and social services occupations	19.28	4.2	746	4.7	37,962	4.7
Counselors	22.62	6.4	852	5.9	41,507	5.9
Educational, vocational, and school counselors	25.78	17.1	953	14.3	44,685	14.3
Social workers	18.83	5.9	738	5.7	37,981	5.7
Medical and public health social workers Mental health and substance abuse social workers	25.23	10.9	1,009	10.9	52,472	10.9
17.34	5.6	694	5.6	36,064	5.6	
Miscellaneous community and social service specialists	16.02	12.3	612	13.5	31,803	13.5
Social and human service assistants	14.02	5.5	529	7.2	27,505	7.2
Legal occupations	50.83	12.1	1,980	10.5	102,980	10.5
Lawyers	60.38	14.8	2,399	14.4	124,771	14.4
Paralegals and legal assistants	25.10	9.5	941	8.0	48,948	8.0
Education, training, and library occupations	30.60	8.9	1,162	8.7	51,813	8.7
Postsecondary teachers	52.08	6.7	1,987	8.1	83,072	8.1
Math and computer teachers, postsecondary	50.96	13.5	1,889	15.4	68,564	15.4
Mathematical science teachers, postsecondary	50.96	13.5	1,889	15.4	68,564	15.4
Life sciences teachers, postsecondary	51.63	3.5	2,256	5.2	110,452	5.2
Biological science teachers, postsecondary	51.63	3.5	2,256	5.2	110,452	5.2
Physical sciences teachers, postsecondary	65.80	13.9	2,539	12.8	112,701	12.8
Social sciences teachers, postsecondary	54.74	7.1	2,042	4.2	89,572	4.2
Arts, communications, and humanities teachers, postsecondary	47.13	19.2	1,689	18.5	62,332	18.5
English language and literature teachers, postsecondary	67.22	24.9	2,304	18.5	97,482	18.5

See footnotes at end of table.

RSE Table 12

**Full-time¹ private industry workers: Relative standard errors
of mean hourly, weekly, and annual earnings — Continued**

Occupation ²	Hourly earnings ³		Weekly earnings ⁵		Annual earnings ⁶	
	Mean	Relative error ⁴	Mean	Relative error ⁴	Mean	Relative error ⁴
Education, training, and library occupations						
–Continued						
Miscellaneous postsecondary teachers	\$43.64	8.3%	\$1,609	8.1%	\$66,094	8.1%
Primary, secondary, and special education school teachers	21.83	10.3	838	9.5	36,936	9.5
Preschool and kindergarten teachers	13.78	4.4	532	4.9	25,882	4.9
Preschool teachers, except special education	13.69	4.5	530	5.1	25,729	5.1
Elementary and middle school teachers	34.17	9.6	1,304	10.8	49,346	10.8
Secondary school teachers	37.71	6.2	1,439	5.3	53,547	5.3
Secondary school teachers, except special and vocational education	37.71	6.2	1,439	5.3	53,547	5.3
Special education teachers	32.85	24.2	1,223	19.2	49,952	19.2
Librarians	22.70	9.2	889	8.3	45,742	8.3
Teacher assistants	10.90	7.4	422	6.3	21,269	6.3
Arts, design, entertainment, sports, and media occupations	29.38	7.3	1,149	6.4	59,749	6.4
Designers	27.53	5.5	1,086	4.9	56,493	4.9
Graphic designers	26.24	6.7	1,050	6.7	54,585	6.7
Athletes, coaches, umpires, and related workers	42.95	15.6	1,705	16.3	88,153	16.3
Public relations specialists	33.53	1.9	1,309	3.7	68,093	3.7
Writers and editors	40.72	1.9	1,564	1.6	81,347	1.6
Editors	39.37	6.5	1,466	8.0	76,217	8.0
Technical writers	43.34	4.3	1,774	4.9	92,268	4.9
Healthcare practitioner and technical occupations	31.38	6.5	1,204	5.9	62,534	5.9
Pharmacists	48.93	3.0	1,926	3.6	100,144	3.6
Physicians and surgeons	63.39	24.5	2,466	23.3	128,216	23.3
Registered nurses	34.84	3.0	1,293	2.9	67,242	2.9
Therapists	32.39	4.9	1,277	4.1	66,416	4.1
Physical therapists	32.33	3.6	1,269	2.3	65,974	2.3
Clinical laboratory technologists and technicians	21.69	5.6	858	5.7	44,632	5.7
Medical and clinical laboratory technologists	23.44	14.4	938	14.4	48,751	14.4
Medical and clinical laboratory technicians	19.17	7.6	747	6.2	38,841	6.2
Emergency medical technicians and paramedics	16.33	11.7	652	11.6	33,889	11.6
Health diagnosing and treating practitioner support technicians	16.98	7.8	648	7.3	33,492	7.3

See footnotes at end of table.

RSE Table 12

**Full-time¹ private industry workers: Relative standard errors
of mean hourly, weekly, and annual earnings — Continued**

Occupation ²	Hourly earnings ³		Weekly earnings ⁵		Annual earnings ⁶	
	Mean	Relative error ⁴	Mean	Relative error ⁴	Mean	Relative error ⁴
Healthcare practitioner and technical occupations –Continued						
Licensed practical and licensed vocational nurses	\$24.44	2.8%	\$950	3.8%	\$49,381	3.8%
Medical records and health information technicians	16.61	6.0	642	7.3	33,409	7.3
Healthcare support occupations	14.27	2.4	548	2.7	28,505	2.7
Nursing, psychiatric, and home health aides	13.30	3.3	511	3.9	26,546	3.9
Home health aides	11.50	4.7	432	6.6	22,479	6.6
Nursing aides, orderlies, and attendants	14.04	2.4	544	3.1	28,285	3.1
Psychiatric aides	13.93	8.6	536	4.5	27,884	4.5
Miscellaneous healthcare support occupations	16.03	2.3	616	3.5	32,008	3.5
Dental assistants	20.40	6.1	735	6.6	38,225	6.6
Medical assistants	14.81	3.7	572	4.9	29,764	4.9
Protective service occupations	14.15	7.8	565	7.7	27,674	7.7
Security guards and gaming surveillance officers	17.14	13.4	681	12.9	35,421	12.9
Security guards	17.14	13.4	681	12.9	35,421	12.9
Food preparation and serving related occupations	11.51	3.2	438	3.0	22,099	3.0
First-line supervisors/managers, food preparation and serving workers	19.57	6.9	808	8.0	41,512	8.0
First-line supervisors/managers of food preparation and serving workers	18.20	5.9	754	6.2	38,662	6.2
Cooks	12.79	3.5	496	4.0	25,732	4.0
Cooks, institution and cafeteria	14.32	4.6	551	6.3	28,449	6.3
Cooks, restaurant	12.81	8.1	496	9.1	25,772	9.1
Food preparation workers	11.91	8.2	475	8.2	24,696	8.2
Food service, tipped	7.76	18.1	270	20.7	13,386	20.7
Bartenders	8.03	9.8	272	13.9	14,153	13.9
Waiters and waitresses	7.01	31.3	244	32.0	11,715	32.0
Fast food and counter workers	9.68	4.8	364	6.6	17,731	6.6
Combined food preparation and serving workers, including fast food	12.11	12.7	447	16.5	19,468	16.5
Counter attendants, cafeteria, food concession, and coffee shop	9.23	6.9	349	9.2	17,358	9.2
Dishwashers	9.09	1.4	360	1.1	18,709	1.1
Building and grounds cleaning and maintenance occupations	13.68	2.3	542	2.6	27,304	2.6

See footnotes at end of table.

RSE Table 12

Full-time¹ private industry workers: Relative standard errors of mean hourly, weekly, and annual earnings — Continued

Occupation ²	Hourly earnings ³		Weekly earnings ⁵		Annual earnings ⁶	
	Mean	Relative error ⁴	Mean	Relative error ⁴	Mean	Relative error ⁴
Building and grounds cleaning and maintenance occupations –Continued						
First-line supervisors/managers, building and grounds cleaning and maintenance workers	\$17.06	6.3%	\$681	6.2%	\$35,417	6.2%
First-line supervisors/managers of housekeeping and janitorial workers ...	14.12	6.8	565	6.8	29,379	6.8
Building cleaning workers	13.24	4.7	524	5.1	27,242	5.1
Janitors and cleaners, except maids and housekeeping cleaners	14.13	2.9	560	3.2	29,137	3.2
Maids and housekeeping cleaners	10.90	8.7	429	9.1	22,315	9.1
Grounds maintenance workers	15.25	2.2	608	2.2	26,325	2.2
Landscaping and groundskeeping workers	15.25	2.2	608	2.2	26,325	2.2
Personal care and service occupations						
Child care workers	12.69	4.4	475	2.3	24,323	2.3
Child care workers	11.25	3.5	449	3.6	23,020	3.6
Sales and related occupations						
First-line supervisors/managers, sales workers	21.69	3.9	862	4.4	44,738	4.4
First-line supervisors/managers of retail sales workers	19.92	8.1	818	9.6	42,548	9.6
First-line supervisors/managers of non-retail sales workers	18.90	7.7	783	9.1	40,696	9.1
Retail sales workers	24.05	14.7	957	14.9	49,775	14.9
Cashiers, all workers	13.63	4.4	537	4.8	27,785	4.8
Cashiers	10.91	4.0	414	4.8	21,416	4.8
Cashiers	10.91	4.0	414	4.8	21,416	4.8
Counter and rental clerks and parts salespersons	13.51	14.7	540	14.7	27,945	14.7
Counter and rental clerks	11.43	18.1	457	18.1	23,548	18.1
Parts salespersons	15.94	5.4	637	5.4	33,145	5.4
Retail salespersons	14.89	9.4	593	9.8	30,690	9.8
Insurance sales agents	24.99	18.3	991	17.9	51,518	17.9
Securities, commodities, and financial services sales agents	83.24	21.8	3,233	22.7	168,102	22.7
Travel agents	16.34	9.0	597	14.6	31,037	14.6
Sales representatives, wholesale and manufacturing	30.17	2.8	1,216	2.1	63,246	2.1
Sales representatives, wholesale and manufacturing, technical and scientific products	36.09	12.3	1,443	12.3	75,059	12.3
Sales representatives, wholesale and manufacturing, except technical and scientific products	27.19	3.0	1,100	2.5	57,223	2.5

See footnotes at end of table.

RSE Table 12

**Full-time¹ private industry workers: Relative standard errors
of mean hourly, weekly, and annual earnings — Continued**

Occupation ²	Hourly earnings ³		Weekly earnings ⁵		Annual earnings ⁶	
	Mean	Relative error ⁴	Mean	Relative error ⁴	Mean	Relative error ⁴
Sales and related occupations –Continued						
Miscellaneous sales and related workers	\$24.20	9.4%	\$962	9.2%	\$50,010	9.2%
Office and administrative support occupations	18.05	1.5	708	1.5	36,669	1.5
First-line supervisors/managers of office and administrative support workers	28.65	8.9	1,121	9.6	58,308	9.6
Financial clerks	17.12	2.4	670	2.5	34,852	2.5
Billing and posting clerks and machine operators	16.13	3.1	631	3.1	32,816	3.1
Bookkeeping, accounting, and auditing clerks	19.42	2.6	753	3.0	39,176	3.0
Payroll and timekeeping clerks	19.10	4.8	749	5.1	38,939	5.1
Tellers	13.33	3.3	528	3.5	27,466	3.5
Brokerage clerks	18.84	6.8	742	5.7	38,604	5.7
Customer service representatives	19.28	5.0	757	4.8	39,372	4.8
Loan interviewers and clerks	19.06	11.3	751	10.2	39,029	10.2
Order clerks	18.22	4.1	719	4.9	37,401	4.9
Receptionists and information clerks	13.76	4.0	533	4.4	27,338	4.4
Reservation and transportation ticket agents and travel clerks	15.01	6.6	579	7.6	30,130	7.6
Dispatchers	18.15	5.2	744	5.9	38,667	5.9
Dispatchers, except police, fire, and ambulance	18.19	5.6	747	6.3	38,823	6.3
Production, planning, and expediting clerks	21.26	4.3	850	4.3	44,221	4.3
Shipping, receiving, and traffic clerks	15.48	6.1	617	5.8	32,066	5.8
Stock clerks and order fillers	13.42	4.7	534	4.9	27,745	4.9
Secretaries and administrative assistants	20.17	1.9	787	1.9	40,593	1.9
Executive secretaries and administrative assistants	23.66	2.4	926	1.8	48,149	1.8
Medical secretaries	17.21	3.6	673	3.9	35,019	3.9
Secretaries, except legal, medical, and executive	17.87	8.1	689	7.8	34,747	7.8
Computer operators	14.81	7.4	592	7.4	30,799	7.4
Data entry and information processing workers	14.24	8.9	558	9.8	28,103	9.8
Data entry keyers	13.40	6.9	525	7.5	26,390	7.5
Insurance claims and policy processing clerks	17.03	2.3	662	2.5	34,429	2.5
Mail clerks and mail machine operators, except postal service	15.13	3.4	593	4.1	30,840	4.1
Office clerks, general	18.50	5.0	724	5.0	37,656	5.0
Construction and extraction occupations	24.92	5.1	997	5.1	51,026	5.1

See footnotes at end of table.

RSE Table 12

**Full-time¹ private industry workers: Relative standard errors
of mean hourly, weekly, and annual earnings — Continued**

Occupation ²	Hourly earnings ³		Weekly earnings ⁵		Annual earnings ⁶	
	Mean	Relative error ⁴	Mean	Relative error ⁴	Mean	Relative error ⁴
Construction and extraction occupations						
–Continued						
First-line supervisors/managers of construction trades and extraction workers	\$34.35	9.2%	\$1,377	9.2%	\$71,584	9.2%
Carpenters	25.48	8.9	1,019	8.9	52,997	8.9
Construction laborers	22.52	8.4	901	8.4	43,731	8.4
Construction equipment operators	31.58	8.1	1,263	8.1	63,533	8.1
Operating engineers and other construction equipment operators	33.11	10.9	1,324	10.9	65,765	10.9
Electricians	24.45	4.2	983	3.8	51,110	3.8
Pipelayers, plumbers, pipefitters, and steamfitters	26.27	13.7	1,050	13.7	54,607	13.7
Plumbers, pipefitters, and steamfitters	27.83	11.4	1,112	11.4	57,850	11.4
Helpers, construction trades	19.32	20.7	773	20.7	40,192	20.7
Installation, maintenance, and repair occupations	22.63	1.7	911	1.6	47,193	1.6
First-line supervisors/managers of mechanics, installers, and repairers	31.54	9.4	1,360	12.2	70,732	12.2
Radio and telecommunications equipment installers and repairers	28.18	3.7	1,124	3.9	58,461	3.9
Telecommunications equipment installers and repairers, except line installers	28.18	3.7	1,124	3.9	58,461	3.9
Miscellaneous electrical and electronic equipment mechanics, installers, and repairers	25.40	17.5	1,016	17.5	52,830	17.5
Aircraft mechanics and service technicians ..	31.12	4.2	1,245	4.2	64,729	4.2
Automotive technicians and repairers	21.56	12.5	887	13.0	46,127	13.0
Automotive service technicians and mechanics	21.64	13.7	890	14.0	46,269	14.0
Bus and truck mechanics and diesel engine specialists	18.62	2.9	745	2.9	38,736	2.9
Heating, air conditioning, and refrigeration mechanics and installers	24.01	10.6	960	10.6	49,946	10.6
Industrial machinery installation, repair, and maintenance workers	19.45	3.0	771	3.1	39,907	3.1
Industrial machinery mechanics	21.89	7.6	857	8.4	44,549	8.4
Maintenance and repair workers, general ..	19.07	2.3	758	2.0	39,090	2.0
Maintenance workers, machinery	17.54	7.5	702	7.5	36,483	7.5
Line installers and repairers	27.43	5.3	1,097	5.3	57,059	5.3
Electrical power-line installers and repairers	31.46	9.3	1,259	9.3	65,445	9.3

See footnotes at end of table.

RSE Table 12

Full-time¹ private industry workers: Relative standard errors of mean hourly, weekly, and annual earnings — Continued

Occupation ²	Hourly earnings ³		Weekly earnings ⁵		Annual earnings ⁶	
	Mean	Relative error ⁴	Mean	Relative error ⁴	Mean	Relative error ⁴
Installation, maintenance, and repair occupations –Continued						
Telecommunications line installers and repairers	\$26.43	8.1%	\$1,057	8.1%	\$54,972	8.1%
Miscellaneous installation, maintenance, and repair workers	15.18	3.0	607	3.0	28,989	3.0
Helpers--installation, maintenance, and repair workers	14.74	1.7	590	1.7	27,863	1.7
Production occupations	15.87	4.5	632	4.6	32,859	4.6
First-line supervisors/managers of production and operating workers	27.17	8.7	1,076	8.8	55,962	8.8
Electrical, electronics, and electromechanical assemblers	14.29	7.0	572	7.0	29,724	7.0
Electrical and electronic equipment assemblers	15.52	10.4	621	10.4	32,289	10.4
Electromechanical equipment assemblers	13.60	3.2	544	3.2	28,297	3.2
Miscellaneous assemblers and fabricators	13.82	3.3	547	3.0	28,428	3.0
Butchers and other meat, poultry, and fish processing workers	17.88	6.6	715	6.6	37,193	6.6
Butchers and meat cutters	18.30	7.4	732	7.4	38,067	7.4
Computer-controlled machine tool operators, metal and plastic	14.12	16.8	565	16.8	29,362	16.8
Forming machine setters, operators, and tenders, metal and plastic	15.28	12.0	611	12.0	31,783	12.0
Extruding and drawing machine setters, operators, and tenders, metal and plastic	16.51	4.4	660	4.4	34,346	4.4
Machine tool cutting setters, operators, and tenders, metal and plastic	18.83	7.7	753	7.7	39,162	7.7
Cutting, punching, and press machine setters, operators, and tenders, metal and plastic	15.70	10.5	628	10.5	32,665	10.5
Grinding, lapping, polishing, and buffing machine tool setters, operators, and tenders, metal and plastic	16.46	3.6	658	3.6	34,228	3.6
Lathe and turning machine tool setters, operators, and tenders, metal and plastic	19.96	18.0	798	18.0	41,509	18.0
Machinists	21.68	4.8	867	4.8	45,096	4.8
Molders and molding machine setters, operators, and tenders, metal and plastic	15.05	9.0	602	9.0	31,311	9.0

See footnotes at end of table.

RSE Table 12

**Full-time¹ private industry workers: Relative standard errors
of mean hourly, weekly, and annual earnings — Continued**

Occupation ²	Hourly earnings ³		Weekly earnings ⁵		Annual earnings ⁶	
	Mean	Relative error ⁴	Mean	Relative error ⁴	Mean	Relative error ⁴
Production occupations –Continued						
Molding, coremaking, and casting machine setters, operators, and tenders, metal and plastic	\$14.84	8.8%	\$594	8.8%	\$30,872	8.8%
Multiple machine tool setters, operators, and tenders, metal and plastic	13.91	9.3	540	11.6	28,092	11.6
Tool and die makers	24.13	11.1	965	11.1	50,197	11.1
Welding, soldering, and brazing workers	17.12	6.5	687	6.5	35,724	6.5
Welders, cutters, solderers, and brazers	18.38	9.2	742	9.1	38,578	9.1
Miscellaneous metalworkers and plastic workers	15.75	7.9	630	7.9	32,757	7.9
Plating and coating machine setters, operators, and tenders, metal and plastic	16.85	10.9	674	10.9	35,044	10.9
Printers	12.48	18.5	496	18.3	25,808	18.3
Printing machine operators	12.13	20.9	484	20.9	25,182	20.9
Textile machine setters, operators, and tenders	12.48	2.3	499	2.3	25,958	2.3
Miscellaneous textile, apparel, and furnishings workers	12.87	10.9	515	10.9	26,761	10.9
Inspectors, testers, sorters, samplers, and weighers	16.08	5.5	645	5.6	33,538	5.6
Packaging and filling machine operators and tenders	11.61	8.5	464	8.5	24,153	8.5
Miscellaneous production workers	12.80	9.8	511	9.7	26,559	9.7
Helpers--production workers	12.32	12.6	493	12.6	25,621	12.6
Transportation and material moving occupations						
Driver/sales workers and truck drivers	18.06	6.5	723	6.4	37,610	6.4
Driver/sales workers	19.65	37.1	759	38.9	39,462	38.9
Truck drivers, heavy and tractor-trailer	19.77	7.2	804	6.7	41,797	6.7
Truck drivers, light or delivery services	14.88	8.9	594	8.9	30,903	8.9
Dredge, excavating, and loading machine operators	22.04	8.4	882	8.4	45,651	8.4
Excavating and loading machine and dragline operators	22.04	8.4	882	8.4	45,651	8.4
Industrial truck and tractor operators	17.05	5.2	679	5.1	35,312	5.1
Laborers and material movers, hand	11.93	2.7	476	2.8	24,745	2.8

See footnotes at end of table.

RSE Table 12

Full-time¹ private industry workers: Relative standard errors of mean hourly, weekly, and annual earnings — Continued

Occupation ²	Hourly earnings ³		Weekly earnings ⁵		Annual earnings ⁶	
	Mean	Relative error ⁴	Mean	Relative error ⁴	Mean	Relative error ⁴
Transportation and material moving occupations –Continued						
Laborers and freight, stock, and material movers, hand	\$12.66	3.1%	\$506	3.2%	\$26,294	3.2%
Machine feeders and offbearers	11.69	15.3	465	15.5	24,197	15.5
Packers and packagers, hand	10.55	6.7	420	6.5	21,830	6.5

¹ Employees are classified as working either a full-time or a part-time schedule based on the definition used by each establishment. Therefore, a worker with a 35-hour-per-week schedule might be considered a full-time employee in one establishment, but classified as part-time in another firm, where a 40-hour week is the minimum full-time schedule.

² A classification system including about 800 individual occupations is used to cover all workers in the civilian economy. See appendix B for more information.

³ 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.

⁴ 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.

⁵ Mean weekly earnings are the straight-time weekly wages or salaries paid to employees.

⁶ 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.

RSE Table 13 Full-time¹ State and local government workers: Relative standard errors of mean hourly, weekly, and annual earnings

Occupation ²	Hourly earnings ³		Weekly earnings ⁵		Annual earnings ⁶	
	Mean	Relative error ⁴	Mean	Relative error ⁴	Mean	Relative error ⁴
All workers	\$29.01	3.5%	\$1,086	3.5%	\$49,390	3.5%
Management occupations	39.35	10.1	1,532	10.5	77,794	10.5
Education administrators	48.06	6.9	1,871	6.5	89,895	6.5
Education administrators, elementary and secondary school	51.74	9.5	2,033	8.7	94,852	8.7
Education administrators, postsecondary ..	39.81	21.0	1,498	22.5	77,916	22.5
Medical and health services managers	46.07	16.8	1,749	18.6	90,952	18.6
Business and financial operations occupations	29.34	6.0	1,134	6.8	58,991	6.8
Accountants and auditors	27.35	5.9	1,022	6.6	53,137	6.6
Computer and mathematical science occupations	29.89	8.2	1,155	9.4	60,060	9.4
Computer support specialists	24.88	10.1	951	11.4	49,474	11.4
Architecture and engineering occupations	31.31	2.7	1,227	4.6	63,817	4.6
Life, physical, and social science occupations	23.98	24.0	894	19.6	43,975	19.6
Psychologists	44.75	12.0	1,532	9.3	64,460	9.3
Clinical, counseling, and school psychologists	44.75	12.0	1,532	9.3	64,460	9.3
Community and social services occupations	27.91	9.8	1,061	8.3	51,304	8.3
Counselors	37.78	4.8	1,382	3.4	59,631	3.4
Educational, vocational, and school counselors	45.95	6.3	1,580	4.4	61,368	4.4
Social workers	25.45	9.4	977	8.0	49,258	8.0
Child, family, and school social workers ..	25.46	9.3	972	8.1	48,807	8.1
Miscellaneous community and social service specialists	22.28	11.9	864	11.1	43,856	11.1
Social and human service assistants	18.60	7.8	721	4.2	36,029	4.2
Legal occupations	24.87	7.6	934	9.9	48,592	9.9
Education, training, and library occupations	38.95	3.1	1,344	2.9	50,512	2.9
Postsecondary teachers	53.29	10.9	1,959	12.6	74,864	12.6
Miscellaneous postsecondary teachers	49.00	10.0	1,712	10.4	64,160	10.4
Primary, secondary, and special education school teachers	43.83	1.4	1,518	1.3	56,033	1.3
Preschool and kindergarten teachers	45.92	9.2	1,579	8.8	58,238	8.8
Kindergarten teachers, except special education	44.63	10.5	1,546	10.3	57,041	10.3
Elementary and middle school teachers	43.79	1.5	1,518	1.4	56,124	1.4

See footnotes at end of table.

RSE Table 13 Full-time¹ State and local government workers: Relative standard errors of mean hourly, weekly, and annual earnings — Continued

Occupation ²	Hourly earnings ³		Weekly earnings ⁵		Annual earnings ⁶	
	Mean	Relative error ⁴	Mean	Relative error ⁴	Mean	Relative error ⁴
Education, training, and library occupations						
–Continued						
Elementary school teachers, except special education	\$43.82	1.6%	\$1,519	1.7%	\$56,120	1.7%
Middle school teachers, except special and vocational education	43.71	2.4	1,514	2.0	56,140	2.0
Secondary school teachers	44.15	1.2	1,525	1.3	56,220	1.3
Secondary school teachers, except special and vocational education	44.32	1.3	1,532	1.1	56,484	1.1
Special education teachers	42.33	6.4	1,467	5.4	53,934	5.4
Special education teachers, preschool, kindergarten, and elementary school	44.44	4.1	1,549	4.6	56,883	4.6
Special education teachers, secondary school	41.63	6.0	1,403	6.7	51,387	6.7
Other teachers and instructors	30.27	15.8	1,048	16.3	41,723	16.3
Librarians	29.31	8.1	1,073	8.2	52,897	8.2
Teacher assistants	15.16	4.8	492	3.8	18,213	3.8
Healthcare practitioner and technical occupations	28.78	10.5	1,096	9.5	52,394	9.5
Registered nurses	29.74	11.2	1,142	10.5	54,454	10.5
Therapists	44.39	10.7	1,524	10.5	58,848	10.5
Healthcare support occupations	15.76	3.8	612	3.6	31,193	3.6
Nursing, psychiatric, and home health aides	15.14	1.5	590	2.4	30,703	2.4
Protective service occupations	25.74	3.8	1,030	4.0	53,491	4.0
First-line supervisors/managers, law enforcement workers	35.59	11.3	1,412	11.2	73,439	11.2
First-line supervisors/managers of fire fighting and prevention workers	30.87	3.6	1,358	5.5	70,593	5.5
Fire fighters	22.94	4.5	980	4.4	50,959	4.4
Bailiffs, correctional officers, and jailers	24.32	4.1	950	3.6	49,418	3.6
Correctional officers and jailers	23.65	4.0	930	3.7	48,340	3.7
Police officers	26.83	6.9	1,050	7.0	54,600	7.0
Police and sheriff's patrol officers	26.83	6.9	1,050	7.0	54,600	7.0
Food preparation and serving related occupations	14.88	9.2	536	9.9	22,154	9.9
Cooks	15.85	15.1	579	18.8	23,751	18.8
Cooks, institution and cafeteria	15.85	15.1	579	18.8	23,751	18.8
Building and grounds cleaning and maintenance occupations	16.92	3.4	675	3.2	33,092	3.2

See footnotes at end of table.

RSE Table 13 Full-time¹ State and local government workers: Relative standard errors of mean hourly, weekly, and annual earnings — Continued

Occupation ²	Hourly earnings ³		Weekly earnings ⁵		Annual earnings ⁶	
	Mean	Relative error ⁴	Mean	Relative error ⁴	Mean	Relative error ⁴
Building and grounds cleaning and maintenance occupations –Continued						
Building cleaning workers	\$16.03	3.2%	\$639	3.3%	\$32,550	3.3%
Janitors and cleaners, except maids and housekeeping cleaners	16.05	3.3	640	3.4	32,561	3.4
Office and administrative support occupations						
Financial clerks	20.19	3.6	751	3.7	38,289	3.7
Bookkeeping, accounting, and auditing clerks	18.62	5.5	649	9.5	33,258	9.5
Dispatchers	18.15	8.3	607	13.6	30,848	13.6
Secretaries and administrative assistants	23.67	7.8	905	6.7	47,067	6.7
Executive secretaries and administrative assistants	19.94	6.2	754	6.0	38,081	6.0
Secretaries, except legal, medical, and executive	22.20	8.4	849	7.2	44,167	7.2
Data entry and information processing workers	17.84	6.8	666	7.8	32,804	7.8
Office clerks, general	16.04	8.9	601	5.4	31,267	5.4
	19.35	2.2	719	1.9	36,908	1.9
Construction and extraction occupations	23.83	5.2	938	4.8	48,766	4.8
Installation, maintenance, and repair occupations						
Industrial machinery installation, repair, and maintenance workers	21.62	4.3	862	4.1	44,812	4.1
Maintenance and repair workers, general ..	19.94	.4	798	.4	41,485	.4
	19.94	.4	798	.4	41,485	.4
Production occupations	21.52	14.8	861	14.8	44,759	14.8
Transportation and material moving occupations						
Bus drivers	19.60	7.7	745	9.7	35,190	9.7
	19.87	5.7	665	12.3	27,818	12.3

¹ Employees are classified as working either a full-time or a part-time schedule based on the definition used by each establishment. Therefore, a worker with a 35-hour-per-week schedule might be considered a full-time employee in one establishment, but classified as part-time in another firm, where a 40-hour week is the minimum full-time schedule.

² A classification system including about 800 individual occupations is used to cover all workers in the civilian economy. See appendix B for more information.

³ 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.

⁴ 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.

⁵ Mean weekly earnings are the straight-time weekly wages or salaries paid to employees.

⁶ 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.

RSE Table 15

Private industry establishments with fewer than 100 workers: 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	\$21.10	3.4%	\$833	3.5%	\$42,780	3.5%
Management occupations	37.95	7.5	1,538	7.9	79,201	7.9
General and operations managers	51.39	15.5	2,111	16.4	109,785	16.4
Marketing and sales managers	42.15	6.8	1,732	7.4	90,075	7.4
Marketing managers	35.56	9.4	1,503	9.4	78,135	9.4
Sales managers	47.32	11.2	1,904	12.0	98,989	12.0
Financial managers	35.47	13.6	1,427	13.6	74,193	13.6
Industrial production managers	38.97	10.5	1,591	10.4	82,719	10.4
Education administrators	23.63	18.0	920	19.5	46,427	19.5
Business and financial operations occupations	30.03	4.3	1,218	5.3	63,335	5.3
Buyers and purchasing agents	25.66	14.9	1,051	13.5	54,645	13.5
Wholesale and retail buyers, except farm products	25.77	22.7	1,061	21.2	55,196	21.2
Purchasing agents, except wholesale, retail, and farm products	25.57	9.6	1,043	8.1	54,215	8.1
Human resources, training, and labor relations specialists	28.84	7.4	1,050	11.6	54,600	11.6
Accountants and auditors	32.30	6.7	1,286	6.8	66,878	6.8
Financial analysts and advisors	43.01	18.2	1,660	19.6	86,319	19.6
Computer and mathematical science occupations	38.34	3.9	1,555	5.1	80,847	5.1
Computer software engineers	47.67	4.2	1,971	4.0	102,487	4.0
Computer support specialists	32.53	17.8	1,301	17.8	67,657	17.8
Computer systems analysts	42.20	.1	1,733	.1	90,102	.1
Network and computer systems administrators	29.92	15.5	1,197	15.5	62,232	15.5
Architecture and engineering occupations	28.69	7.0	1,151	7.0	59,861	7.0
Engineers	42.10	16.8	1,698	16.6	88,287	16.6
Life, physical, and social science occupations	32.55	16.7	1,302	16.7	67,700	16.7
Community and social services occupations	20.66	10.9	784	10.6	39,123	10.6
Social workers	19.75	6.7	756	7.0	38,431	7.0
Education, training, and library occupations	18.87	12.8	712	10.5	32,949	10.5
Primary, secondary, and special education school teachers	19.04	15.6	727	13.9	33,042	13.9
Preschool and kindergarten teachers	13.85	4.7	539	4.8	26,244	4.8

See footnotes at end of table.

RSE Table 15

Private industry establishments with fewer than 100 workers: 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
Education, training, and library occupations –Continued						
Preschool teachers, except special education	\$13.74	5.0%	\$536	5.1%	\$26,055	5.1%
Teacher assistants	10.59	8.4	411	7.1	21,359	7.1
Arts, design, entertainment, sports, and media occupations	28.11	11.2	1,124	11.2	58,466	11.2
Healthcare practitioner and technical occupations	32.74	22.1	1,256	19.5	65,313	19.5
Registered nurses	30.90	3.2	1,204	3.3	62,604	3.3
Healthcare support occupations	13.73	5.2	520	4.9	27,042	4.9
Nursing, psychiatric, and home health aides	11.63	4.6	440	4.6	22,879	4.6
Home health aides	11.33	4.4	425	6.3	22,095	6.3
Nursing aides, orderlies, and attendants	12.44	3.0	483	3.0	25,098	3.0
Miscellaneous healthcare support occupations	16.37	5.0	621	6.3	32,267	6.3
Dental assistants	20.40	6.1	735	6.6	38,225	6.6
Food preparation and serving related occupations	10.89	4.4	412	4.6	20,744	4.6
First-line supervisors/managers, food preparation and serving workers	20.98	6.3	879	8.4	45,697	8.4
First-line supervisors/managers of food preparation and serving workers	19.37	4.5	815	4.8	42,367	4.8
Cooks	11.99	4.9	466	5.7	24,250	5.7
Cooks, restaurant	12.65	10.7	487	11.8	25,327	11.8
Food service, tipped	6.63	25.0	226	26.3	11,130	26.3
Bartenders	7.34	8.1	242	8.5	12,587	8.5
Waiters and waitresses	6.31	45.9	223	47.4	10,501	47.4
Fast food and counter workers	9.04	7.8	340	10.5	16,462	10.5
Counter attendants, cafeteria, food concession, and coffee shop	9.07	8.3	343	11.1	17,155	11.1
Dishwashers	9.09	2.4	358	1.7	18,602	1.7
Building and grounds cleaning and maintenance occupations	14.29	3.6	565	4.3	27,545	4.3
Building cleaning workers	13.97	7.4	550	8.6	28,603	8.6
Grounds maintenance workers	15.65	2.6	626	2.6	25,798	2.6
Landscaping and groundskeeping workers	15.65	2.6	626	2.6	25,798	2.6

See footnotes at end of table.

RSE Table 15

Private industry establishments with fewer than 100 workers: 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
Personal care and service occupations	\$11.69	2.5%	\$450	2.8%	\$23,360	2.8%
Child care workers	11.03	2.4	440	2.3	22,890	2.3
Sales and related occupations	19.75	5.2	789	5.9	40,933	5.9
First-line supervisors/managers, sales workers	18.64	6.3	768	7.1	39,931	7.1
First-line supervisors/managers of retail sales workers	17.51	7.0	727	6.2	37,820	6.2
Retail sales workers	14.07	5.4	558	6.3	28,822	6.3
Cashiers, all workers	10.57	4.9	394	6.1	20,503	6.1
Cashiers	10.57	4.9	394	6.1	20,503	6.1
Counter and rental clerks and parts salespersons	13.51	14.7	540	14.7	27,945	14.7
Counter and rental clerks	11.43	18.1	457	18.1	23,548	18.1
Parts salespersons	15.94	5.4	637	5.4	33,145	5.4
Retail salespersons	16.19	12.0	656	12.6	33,805	12.6
Insurance sales agents	24.49	22.2	974	21.8	50,623	21.8
Sales representatives, wholesale and manufacturing	29.05	4.3	1,178	3.1	61,262	3.1
Sales representatives, wholesale and manufacturing, technical and scientific products	32.61	23.4	1,304	23.4	67,833	23.4
Sales representatives, wholesale and manufacturing, except technical and scientific products	28.11	3.1	1,144	2.6	59,504	2.6
Miscellaneous sales and related workers	25.55	6.2	1,014	6.4	52,727	6.4
Office and administrative support occupations	18.00	2.0	708	2.0	36,814	2.0
First-line supervisors/managers of office and administrative support workers	30.93	8.5	1,197	9.7	62,241	9.7
Financial clerks	16.71	4.2	656	4.1	34,110	4.1
Billing and posting clerks and machine operators	16.62	5.2	647	5.1	33,640	5.1
Bookkeeping, accounting, and auditing clerks	19.84	5.4	779	5.5	40,494	5.5
Tellers	13.29	3.6	526	3.9	27,358	3.9
Customer service representatives	18.02	4.9	712	4.6	37,036	4.6
Receptionists and information clerks	14.58	3.4	567	3.9	29,468	3.9
Dispatchers	20.24	10.5	855	11.3	44,449	11.3
Dispatchers, except police, fire, and ambulance	20.24	10.5	855	11.3	44,449	11.3
Shipping, receiving, and traffic clerks	16.54	12.2	655	11.5	34,060	11.5

See footnotes at end of table.

RSE Table 15

Private industry establishments with fewer than 100 workers: 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						
Secretaries and administrative assistants	\$20.67	4.9%	\$811	4.7%	\$42,177	4.7%
Executive secretaries and administrative assistants	24.00	8.7	936	8.2	48,654	8.2
Medical secretaries	18.49	8.3	720	9.4	37,444	9.4
Secretaries, except legal, medical, and executive	17.59	14.1	698	13.9	36,291	13.9
Insurance claims and policy processing clerks	15.96	4.1	617	3.6	32,103	3.6
Office clerks, general	19.15	5.8	749	5.4	38,963	5.4
Construction and extraction occupations	23.11	8.7	925	8.7	47,122	8.7
Carpenters	25.07	10.2	1,003	10.2	52,145	10.2
Construction laborers	22.80	8.6	912	8.6	44,130	8.6
Construction equipment operators	31.59	8.3	1,264	8.3	63,638	8.3
Operating engineers and other construction equipment operators	33.18	11.2	1,327	11.2	65,992	11.2
Electricians	21.13	8.3	851	7.8	44,271	7.8
Pipelayers, plumbers, pipefitters, and steamfitters	20.02	16.2	801	16.2	41,640	16.2
Plumbers, pipefitters, and steamfitters	21.82	14.4	873	14.4	45,385	14.4
Helpers, construction trades	19.32	20.7	773	20.7	40,192	20.7
Installation, maintenance, and repair occupations	19.54	2.1	790	2.2	40,737	2.2
Automotive technicians and repairers	19.92	10.4	821	11.4	42,709	11.4
Automotive service technicians and mechanics	19.80	11.0	816	11.8	42,436	11.8
Bus and truck mechanics and diesel engine specialists	18.14	4.1	726	4.1	37,736	4.1
Industrial machinery installation, repair, and maintenance workers	17.54	2.8	696	2.8	35,832	2.8
Maintenance and repair workers, general ..	17.64	2.5	706	2.5	36,166	2.5
Production occupations	15.42	4.7	612	4.7	31,803	4.7
First-line supervisors/managers of production and operating workers	27.64	16.9	1,077	17.8	55,992	17.8
Electrical, electronics, and electromechanical assemblers	13.34	12.7	534	12.7	27,744	12.7
Miscellaneous assemblers and fabricators	14.28	8.2	563	6.5	29,275	6.5
Forming machine setters, operators, and tenders, metal and plastic	14.83	14.3	593	14.3	30,849	14.3

See footnotes at end of table.

RSE Table 15

Private industry establishments with fewer than 100 workers: 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						
Machine tool cutting setters, operators, and tenders, metal and plastic	\$12.98	8.8%	\$519	8.8%	\$26,997	8.8%
Machinists	19.99	9.2	800	9.2	41,585	9.2
Molders and molding machine setters, operators, and tenders, metal and plastic	16.91	12.7	677	12.7	35,181	12.7
Printers	14.96	12.3	593	12.1	30,827	12.1
Printing machine operators	14.89	15.2	596	15.2	30,981	15.2
Inspectors, testers, sorters, samplers, and weighers	16.65	2.2	666	2.2	34,623	2.2
Miscellaneous production workers	14.39	3.7	576	3.7	29,937	3.7
Transportation and material moving occupations						
.....	15.60	5.7	607	5.0	31,369	5.0
Driver/sales workers and truck drivers	17.84	9.0	717	9.1	37,270	9.1
Driver/sales workers	19.65	37.1	759	38.9	39,462	38.9
Truck drivers, heavy and tractor-trailer	19.30	9.4	793	9.5	41,221	9.5
Truck drivers, light or delivery services	13.60	8.2	543	8.2	28,215	8.2
Dredge, excavating, and loading machine operators	21.88	9.3	875	9.3	45,519	9.3
Excavating and loading machine and dragline operators	21.88	9.3	875	9.3	45,519	9.3
Industrial truck and tractor operators	16.43	11.8	649	12.1	33,753	12.1
Laborers and material movers, hand	12.46	7.1	496	7.3	25,816	7.3
Laborers and freight, stock, and material movers, hand	13.35	11.3	534	11.3	27,745	11.3
Packers and packagers, hand	10.81	8.3	427	7.1	22,210	7.1

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.

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	\$28.03	1.6%	\$1,104	1.7%	\$56,942	1.7%
Management occupations	49.54	6.3	1,968	6.6	102,331	6.6
General and operations managers	71.00	16.2	2,857	18.5	148,563	18.5
Marketing and sales managers	53.41	11.9	2,169	12.4	112,766	12.4
Marketing managers	61.81	8.6	2,568	8.5	133,543	8.5
Sales managers	37.00	7.1	1,438	8.9	74,785	8.9
Administrative services managers	42.21	7.7	1,677	8.3	87,216	8.3
Computer and information systems managers	54.90	7.5	2,182	6.0	113,466	6.0
Financial managers	56.62	5.4	2,299	8.2	119,550	8.2
Purchasing managers	39.14	15.6	1,525	15.8	79,283	15.8
Transportation, storage, and distribution managers	28.98	18.8	1,127	18.3	58,615	18.3
Construction managers	42.19	14.1	1,770	15.1	92,033	15.1
Education administrators	40.03	5.8	1,440	5.4	74,828	5.4
Education administrators, postsecondary ..	42.54	4.8	1,532	3.7	79,667	3.7
Engineering managers	53.17	3.7	2,167	2.4	112,684	2.4
Medical and health services managers	48.72	10.4	1,979	7.9	102,899	7.9
Business and financial operations occupations	34.14	2.2	1,356	3.0	70,504	3.0
Buyers and purchasing agents	35.51	11.8	1,440	12.7	74,868	12.7
Purchasing agents, except wholesale, retail, and farm products	37.13	12.9	1,504	14.1	78,196	14.1
Claims adjusters, appraisers, examiners, and investigators	27.22	5.7	1,049	5.1	54,524	5.1
Claims adjusters, examiners, and investigators	27.77	8.7	1,071	8.3	55,681	8.3
Human resources, training, and labor relations specialists	30.27	7.5	1,191	11.0	61,917	11.0
Employment, recruitment, and placement specialists	30.66	19.9	1,159	29.6	60,243	29.6
Compensation, benefits, and job analysis specialists	29.81	4.2	1,199	6.2	62,362	6.2
Training and development specialists	30.80	11.6	1,234	11.0	64,154	11.0
Management analysts	41.42	5.0	1,644	5.6	85,487	5.6
Accountants and auditors	25.64	4.9	976	5.2	50,777	5.2
Financial analysts and advisors	42.09	12.2	1,766	9.1	91,840	9.1
Financial analysts	42.37	12.5	1,847	2.9	96,025	2.9
Insurance underwriters	47.53	26.6	1,818	29.1	94,522	29.1
Computer and mathematical science occupations	39.99	1.9	1,579	1.8	81,820	1.8

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
Computer and mathematical science occupations –Continued						
Computer programmers	\$33.46	7.0%	\$1,320	7.3%	\$68,622	7.3%
Computer software engineers	46.11	2.8	1,845	3.1	95,928	3.1
Computer software engineers, applications	45.17	5.3	1,815	5.6	94,369	5.6
Computer software engineers, systems software	46.73	4.3	1,865	4.4	96,962	4.4
Computer support specialists	30.99	7.3	1,210	7.6	62,934	7.6
Computer systems analysts	38.81	4.4	1,529	4.8	79,530	4.8
Network and computer systems administrators	40.64	3.7	1,637	3.8	85,133	3.8
Network systems and data communications analysts	35.25	8.4	1,357	5.8	70,574	5.8
Actuaries	44.81	13.6	1,693	13.2	88,018	13.2
Architecture and engineering occupations	38.99	2.4	1,598	2.5	83,080	2.5
Engineers	42.83	1.8	1,747	1.8	90,848	1.8
Aerospace engineers	48.37	4.7	1,983	4.5	103,091	4.5
Computer hardware engineers	49.59	1.3	1,984	1.3	103,154	1.3
Electrical and electronics engineers	42.37	3.7	1,750	2.5	91,003	2.5
Electrical engineers	39.62	8.6	1,679	5.5	87,331	5.5
Electronics engineers, except computer	43.09	5.9	1,768	4.3	91,934	4.3
Industrial engineers, including health and safety	37.89	7.0	1,554	6.8	80,816	6.8
Industrial engineers	38.82	7.2	1,596	6.7	83,007	6.7
Mechanical engineers	42.42	7.5	1,709	7.6	88,885	7.6
Drafters	28.87	5.0	1,155	5.0	60,058	5.0
Engineering technicians, except drafters	26.03	5.1	1,041	5.1	54,151	5.1
Electrical and electronic engineering technicians	26.76	4.8	1,071	4.8	55,670	4.8
Industrial engineering technicians	26.15	10.2	1,046	10.2	54,396	10.2
Life, physical, and social science occupations	34.77	23.1	1,374	23.8	71,296	23.8
Physical scientists	47.74	8.2	1,923	8.9	100,007	8.9
Chemists and materials scientists	47.74	8.2	1,923	8.9	100,007	8.9
Materials scientists	45.63	6.7	1,851	6.8	96,274	6.8
Market and survey researchers	49.92	16.9	2,043	16.4	106,254	16.4
Market research analysts	49.92	16.9	2,043	16.4	106,254	16.4
Community and social services occupations	18.33	5.7	719	5.9	37,113	5.9
Counselors	19.46	9.3	755	8.3	38,187	8.3
Social workers	18.10	6.4	724	6.4	37,601	6.4
Medical and public health social workers	25.23	10.9	1,009	10.9	52,472	10.9

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 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
Community and social services occupations –Continued						
Mental health and substance abuse social workers	\$16.97	7.2%	\$679	7.2%	\$35,288	7.2%
Legal occupations	64.66	9.3	2,478	8.3	128,832	8.3
Lawyers	85.43	6.9	3,375	6.1	175,507	6.1
Paralegals and legal assistants	27.64	2.1	1,016	4.5	52,843	4.5
Education, training, and library occupations	40.34	5.1	1,539	6.6	66,611	6.6
Postsecondary teachers	54.04	4.2	2,072	5.6	87,200	5.6
Math and computer teachers, postsecondary	59.90	9.4	2,290	7.9	83,519	7.9
Mathematical science teachers, postsecondary	59.90	9.4	2,290	7.9	83,519	7.9
Life sciences teachers, postsecondary	51.63	3.5	2,256	5.2	110,452	5.2
Biological science teachers, postsecondary	51.63	3.5	2,256	5.2	110,452	5.2
Physical sciences teachers, postsecondary	65.80	13.9	2,539	12.8	112,701	12.8
Social sciences teachers, postsecondary	54.74	7.1	2,042	4.2	89,572	4.2
Arts, communications, and humanities teachers, postsecondary	47.13	19.2	1,689	18.5	62,332	18.5
English language and literature teachers, postsecondary	67.22	24.9	2,304	18.5	97,482	18.5
Miscellaneous postsecondary teachers	47.28	9.0	1,743	8.7	71,852	8.7
Primary, secondary, and special education school teachers	26.95	16.6	1,046	17.3	43,598	17.3
Elementary and middle school teachers	41.46	10.0	1,542	7.5	57,215	7.5
Secondary school teachers	35.49	6.8	1,428	6.9	53,764	6.9
Secondary school teachers, except special and vocational education	35.49	6.8	1,428	6.9	53,764	6.9
Librarians	22.70	9.2	889	8.3	45,742	8.3
Arts, design, entertainment, sports, and media occupations	30.30	6.8	1,167	5.1	60,641	5.1
Designers	28.95	6.5	1,133	5.9	58,926	5.9
Athletes, coaches, umpires, and related workers	28.52	4.9	1,121	7.1	57,486	7.1
Public relations specialists	31.19	2.9	1,203	.8	62,532	.8
Writers and editors	40.10	2.1	1,513	2.8	78,664	2.8
Technical writers	43.34	4.3	1,774	4.9	92,268	4.9

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 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	\$30.92	3.4%	\$1,187	3.7%	\$61,602	3.7%
Pharmacists	48.08	2.6	1,887	3.2	98,149	3.2
Physicians and surgeons	47.81	30.0	1,922	30.0	99,927	30.0
Registered nurses	35.60	3.1	1,309	3.2	68,078	3.2
Therapists	31.81	5.1	1,268	5.1	65,961	5.1
Physical therapists	31.41	2.6	1,252	2.4	65,111	2.4
Clinical laboratory technologists and technicians	21.34	7.1	843	7.2	43,860	7.2
Medical and clinical laboratory technologists	23.37	16.0	935	16.0	48,619	16.0
Medical and clinical laboratory technicians	18.42	5.9	716	4.4	37,218	4.4
Health diagnosing and treating practitioner support technicians	19.62	9.9	776	9.5	39,904	9.5
Licensed practical and licensed vocational nurses	24.36	3.4	945	4.5	49,156	4.5
Medical records and health information technicians	15.67	3.5	602	5.4	31,305	5.4
Healthcare support occupations	14.73	2.7	573	3.5	29,776	3.5
Nursing, psychiatric, and home health aides	14.33	2.2	555	3.0	28,873	3.0
Nursing aides, orderlies, and attendants	14.33	2.2	555	3.0	28,864	3.0
Psychiatric aides	13.93	8.6	536	4.5	27,884	4.5
Miscellaneous healthcare support occupations	15.45	3.7	607	3.6	31,561	3.6
Protective service occupations	16.64	3.5	663	3.4	34,498	3.4
Security guards and gaming surveillance officers	15.79	5.6	631	5.6	32,797	5.6
Security guards	15.79	5.6	631	5.6	32,797	5.6
Food preparation and serving related occupations	13.30	3.3	512	4.3	26,156	4.3
First-line supervisors/managers, food preparation and serving workers	15.98	14.8	636	14.5	31,777	14.5
Cooks	15.19	5.9	584	7.3	30,098	7.3
Cooks, institution and cafeteria	15.62	6.1	593	8.2	30,507	8.2
Food preparation workers	13.00	17.1	517	17.0	26,881	17.0
Food service, tipped	10.73	5.4	394	5.2	19,965	5.2
Fast food and counter workers	13.56	6.9	517	8.4	25,884	8.4

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	\$13.10	3.0%	\$520	3.0%	\$27,062	3.0%
First-line supervisors/managers, building and grounds cleaning and maintenance workers	17.44	5.4	698	5.4	36,275	5.4
Building cleaning workers	12.71	3.2	505	3.3	26,244	3.3
Janitors and cleaners, except maids and housekeeping cleaners	13.70	3.5	545	3.5	28,314	3.5
Maids and housekeeping cleaners	11.25	8.8	446	9.2	23,190	9.2
Grounds maintenance workers	13.89	3.8	549	3.6	28,546	3.6
Landscaping and groundskeeping workers	13.89	3.8	549	3.6	28,546	3.6
Personal care and service occupations	19.26	11.0	605	5.0	29,104	5.0
Sales and related occupations	25.33	10.0	998	9.8	51,787	9.8
First-line supervisors/managers, sales workers	23.51	17.9	958	21.3	49,826	21.3
First-line supervisors/managers of retail sales workers	23.19	22.3	951	26.7	49,473	26.7
Retail sales workers	12.78	3.0	498	2.9	25,818	2.9
Cashiers, all workers	11.42	3.2	444	2.9	22,803	2.9
Cashiers	11.42	3.2	444	2.9	22,803	2.9
Retail salespersons	13.32	4.4	520	4.3	27,031	4.3
Securities, commodities, and financial services sales agents	85.71	20.6	3,324	21.8	172,846	21.8
Sales representatives, wholesale and manufacturing	32.78	5.2	1,303	5.3	67,768	5.3
Sales representatives, wholesale and manufacturing, technical and scientific products	38.76	7.0	1,550	7.0	80,613	7.0
Sales representatives, wholesale and manufacturing, except technical and scientific products	22.61	2.1	889	2.2	46,251	2.2
Miscellaneous sales and related workers	21.81	34.7	869	34.2	45,172	34.2
Office and administrative support occupations	18.08	2.2	708	2.1	36,543	2.1
First-line supervisors/managers of office and administrative support workers	25.43	16.1	1,011	18.0	52,595	18.0
Financial clerks	17.84	2.3	695	2.2	36,159	2.2
Billing and posting clerks and machine operators	15.03	4.0	595	3.8	30,938	3.8

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
Office and administrative support occupations –Continued						
Bookkeeping, accounting, and auditing clerks	\$18.55	6.2%	\$703	5.8%	\$36,547	5.8%
Payroll and timekeeping clerks	19.51	5.0	767	4.9	39,860	4.9
Brokerage clerks	19.45	7.2	764	5.8	39,749	5.8
Customer service representatives	19.84	5.6	777	5.5	40,401	5.5
Receptionists and information clerks	13.04	7.5	503	8.3	25,508	8.3
Reservation and transportation ticket agents and travel clerks	15.58	9.6	606	11.4	31,511	11.4
Production, planning, and expediting clerks	21.95	4.9	873	4.9	45,420	4.9
Shipping, receiving, and traffic clerks	14.71	5.2	588	5.2	30,595	5.2
Stock clerks and order fillers	14.03	5.2	556	5.2	28,931	5.2
Secretaries and administrative assistants	19.78	2.1	768	2.1	39,358	2.1
Executive secretaries and administrative assistants	23.37	4.7	918	5.0	47,723	5.0
Medical secretaries	16.42	2.7	645	2.6	33,520	2.6
Secretaries, except legal, medical, and executive	18.06	4.7	683	4.8	33,792	4.8
Data entry and information processing workers	15.68	17.3	602	17.5	29,486	17.5
Data entry keyers	14.13	12.1	542	11.9	26,261	11.9
Insurance claims and policy processing clerks	17.68	4.6	690	5.1	35,876	5.1
Mail clerks and mail machine operators, except postal service	14.89	3.2	580	5.2	30,153	5.2
Office clerks, general	17.02	3.4	666	2.9	34,631	2.9
Construction and extraction occupations	30.92	5.4	1,236	5.4	64,258	5.4
Electricians	30.88	9.4	1,235	9.4	64,235	9.4
Pipelayers, plumbers, pipefitters, and steamfitters	32.68	7.2	1,306	7.3	67,913	7.3
Plumbers, pipefitters, and steamfitters	32.68	7.2	1,306	7.3	67,913	7.3
Installation, maintenance, and repair occupations	26.27	2.1	1,054	2.1	54,793	2.1
First-line supervisors/managers of mechanics, installers, and repairers	37.62	9.5	1,656	15.4	86,115	15.4
Radio and telecommunications equipment installers and repairers	29.33	1.2	1,170	1.4	60,818	1.4
Telecommunications equipment installers and repairers, except line installers	29.33	1.2	1,170	1.4	60,818	1.4

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
Installation, maintenance, and repair occupations –Continued						
Miscellaneous electrical and electronic equipment mechanics, installers, and repairers	\$23.48	19.0%	\$939	19.0%	\$48,841	19.0%
Aircraft mechanics and service technicians ..	31.12	4.2	1,245	4.2	64,729	4.2
Heating, air conditioning, and refrigeration mechanics and installers	27.76	2.2	1,111	2.2	57,750	2.2
Industrial machinery installation, repair, and maintenance workers	21.29	4.4	844	4.8	43,887	4.8
Industrial machinery mechanics	22.91	7.1	910	6.8	47,304	6.8
Maintenance and repair workers, general ..	21.29	5.2	840	5.8	43,672	5.8
Maintenance workers, machinery	18.15	11.9	726	11.9	37,754	11.9
Line installers and repairers	27.46	6.2	1,099	6.2	57,127	6.2
Telecommunications line installers and repairers	26.16	10.2	1,046	10.2	54,416	10.2
Production occupations	16.21	7.5	647	7.5	33,661	7.5
First-line supervisors/managers of production and operating workers	26.74	5.7	1,076	5.4	55,934	5.4
Electrical, electronics, and electromechanical assemblers	14.98	7.2	599	7.2	31,163	7.2
Electrical and electronic equipment assemblers	17.06	7.8	682	7.8	35,484	7.8
Electromechanical equipment assemblers	13.53	2.4	541	2.4	28,137	2.4
Miscellaneous assemblers and fabricators	13.17	4.4	523	4.3	27,220	4.3
Machine tool cutting setters, operators, and tenders, metal and plastic	20.84	7.2	833	7.2	43,341	7.2
Machinists	22.99	4.4	920	4.4	47,818	4.4
Molders and molding machine setters, operators, and tenders, metal and plastic Molding, coremaking, and casting machine setters, operators, and tenders, metal and plastic	13.43	6.0	537	6.0	27,944	6.0
Multiple machine tool setters, operators, and tenders, metal and plastic	14.96	7.0	598	7.0	31,119	7.0
Miscellaneous metalworkers and plastic workers	16.62	6.6	665	6.6	34,573	6.6
Inspectors, testers, sorters, samplers, and weighers	15.85	6.8	637	7.0	33,104	7.0
Packaging and filling machine operators and tenders	11.61	8.5	464	8.5	24,153	8.5
Miscellaneous production workers	12.09	13.0	482	12.8	25,079	12.8

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	\$15.08	7.8%	\$599	7.3%	\$31,129	7.3%
Driver/sales workers and truck drivers	18.75	9.4	744	8.9	38,652	8.9
Truck drivers, heavy and tractor-trailer	21.52	3.0	844	3.5	43,817	3.5
Truck drivers, light or delivery services	16.73	16.4	669	16.4	34,802	16.4
Industrial truck and tractor operators	17.34	6.0	694	6.0	36,071	6.0
Laborers and material movers, hand	11.52	7.0	460	6.9	23,910	6.9
Laborers and freight, stock, and material movers, hand	11.92	9.6	476	9.6	24,749	9.6
Machine feeders and offbearers	11.79	20.4	469	20.5	24,372	20.5
Packers and packagers, hand	10.38	9.8	415	9.8	21,583	9.8

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.

RSE Table 17 Union and nonunion workers: Relative standard errors¹ of mean hourly earnings² by major sector and for major occupational groups

Occupational group ³	Union			Nonunion		
	Civilian workers	Private industry workers	State and local government workers	Civilian workers	Private industry workers	State and local government workers
All workers	2.4%	2.9%	3.6%	1.5%	1.4%	8.8%
Management, professional, and related	4.4	4.3	5.4	1.9	2.0	7.0
Management, business, and financial	7.5	–	7.6	2.1	2.2	4.7
Professional and related	4.3	4.2	5.4	1.6	1.7	9.6
Service	5.2	4.1	3.7	1.3	1.5	4.2
Sales and office	4.9	7.5	5.0	2.2	2.2	9.2
Sales and related	12.7	15.3	–	4.1	4.0	–
Office and administrative support	3.8	5.8	4.9	1.2	1.3	5.9
Natural resources, construction, and maintenance	3.6	4.0	2.9	2.6	2.7	16.1
Construction and extraction	4.6	4.7	3.6	3.6	3.9	19.1
Installation, maintenance, and repair	3.7	5.8	4.8	1.7	1.7	–
Production, transportation, and material moving	6.0	6.0	8.7	3.3	3.3	8.6
Production	5.5	6.1	15.8	4.8	4.8	–
Transportation and material moving ...	8.3	9.4	7.4	2.1	2.2	11.3

¹ 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.

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

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.

RSE Table 19

Private industry sector¹: Relative standard errors² of mean hourly earnings³ for major occupational groups

Occupational group ⁴	Goods producing		Service providing						
	Construction	Manufacturing	Trade, transportation, and utilities	Information	Financial activities	Professional and business services	Education and health services	Leisure and hospitality	Other services
	Relative error ⁵								
All workers	5.4%	5.0%	4.4%	-	-	-	3.9%	-	-
Management, professional, and related	16.4	2.9	11.5	-	-	-	3.8	-	-
Management, business, and financial	13.7	4.2	8.1	-	-	-	8.4	-	-
Professional and related	-	2.6	16.5	-	-	-	3.3	-	-
Service	-	13.9	4.8	-	-	-	1.4	-	-
Sales and office	11.1	2.1	2.4	-	-	-	3.1	-	-
Sales and related	-	5.0	2.9	-	-	-	11.4	-	-
Office and administrative support	10.0	1.8	3.4	-	-	-	2.8	-	-
Natural resources, construction, and maintenance	5.6	4.4	6.0	-	-	-	5.5	-	-
Installation, maintenance, and repair	6.0	5.3	6.1	-	-	-	7.3	-	-
Production, transportation, and material moving	-	2.6	5.4	-	-	-	6.4	-	-
Production	-	2.8	21.2	-	-	-	-	-	-
Transportation and material moving	-	4.2	4.8	-	-	-	6.1	-	-

¹ Industry sectors are determined by the 2007 North American Industry Classification System (NAICS).
² 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.
³ 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.
⁴ A classification system including about 800 individual occupations is used to cover all workers in the civilian

economy. See appendix B for more information.
⁵ 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.
 NOTE: Dashes indicate that data did not meet publication criteria.
 SOURCE: Bureau of Labor Statistics, National Compensation Survey.

RSE Table 20

**Civilian full-time workers in hospitals: Relative standard errors
of mean hourly, weekly, and annual earnings by
work levels**

Occupation and work level ¹	Hourly earnings ²		Weekly earnings ⁴		Annual earnings ⁵	
	Mean	Relative error ³	Mean	Relative error ³	Mean	Relative error ³
All workers	\$25.47	1.5%	\$994	1.7%	\$51,695	1.7%
Level 1	10.40	2.1	414	1.7	21,521	1.7
Level 2	13.63	2.6	545	2.6	28,345	2.6
Level 3	14.68	1.7	584	1.6	30,392	1.6
Level 4	16.69	2.3	642	3.6	33,371	3.6
Level 5	19.49	2.7	778	2.6	40,464	2.6
Level 6	21.86	4.5	848	4.7	44,082	4.7
Level 7	26.16	4.9	1,027	4.9	53,388	4.9
Level 8	33.71	1.7	1,284	1.1	66,787	1.1
Level 9	34.77	2.3	1,315	2.3	68,292	2.3
Level 10	36.03	6.3	1,441	6.3	74,933	6.3
Level 11	42.75	4.9	1,707	5.0	88,742	5.0
Not able to be leveled	28.05	18.6	1,098	19.2	57,094	19.2
Management occupations	39.48	11.4	1,568	11.4	81,511	11.4
Medical and health services managers	40.23	15.5	1,592	15.5	82,767	15.5
Life, physical, and social science occupations	26.21	20.7	1,049	20.7	54,526	20.7
Community and social services occupations	24.37	5.8	956	7.2	49,580	7.2
Level 9	28.21	1.3	1,128	1.3	58,441	1.3
Social workers	28.01	6.4	1,120	6.4	57,997	6.4
Level 9	29.54	5.0	1,182	5.0	61,113	5.0
Healthcare practitioner and technical occupations	33.83	1.9	1,298	2.5	67,483	2.5
Level 4	17.72	4.0	665	6.5	34,573	6.5
Level 5	25.06	2.8	999	2.8	51,945	2.8
Level 7	30.72	4.6	1,202	4.9	62,530	4.9
Level 8	36.40	2.9	1,369	2.7	71,211	2.7
Level 9	35.93	2.6	1,341	3.1	69,751	3.1
Level 10	32.91	15.5	1,316	15.5	68,451	15.5
Level 11	49.31	5.6	1,972	5.6	102,558	5.6
Not able to be leveled	34.50	10.8	1,322	12.3	68,725	12.3
Pharmacists	48.21	2.8	1,928	2.8	100,279	2.8
Physicians and surgeons	37.83	13.8	1,523	14.2	79,205	14.2
Not able to be leveled	38.61	16.1	1,544	16.1	80,309	16.1
Registered nurses	36.62	2.0	1,370	2.1	71,245	2.1
Level 7	31.59	4.5	1,222	5.3	63,546	5.3
Level 8	37.60	2.9	1,385	3.1	72,036	3.1
Level 9	35.59	2.7	1,323	3.0	68,814	3.0
Not able to be leveled	34.75	5.9	1,265	8.9	65,763	8.9
Therapists	30.18	5.8	1,205	5.8	62,679	5.8
Physical therapists	32.55	1.5	1,302	1.5	67,694	1.5

See footnotes at end of table.

RSE Table 20

Civilian full-time workers in hospitals: Relative standard errors of mean hourly, weekly, and annual earnings by work levels — Continued

Occupation and work level 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						
Clinical laboratory technologists and technicians	\$22.10	13.1%	\$841	14.0%	\$43,716	14.0%
Medical and clinical laboratory technicians	19.36	12.2	725	9.1	37,716	9.1
Health diagnosing and treating practitioner support technicians	20.07	8.5	798	8.5	41,509	8.5
Healthcare support occupations	15.61	1.4	605	2.4	31,476	2.4
Level 2	13.87	1.8	555	1.8	28,859	1.8
Level 3	15.16	2.1	604	2.2	31,390	2.2
Level 4	16.24	2.7	610	4.5	31,717	4.5
Not able to be leveled	15.63	2.2	623	2.2	32,398	2.2
Nursing, psychiatric, and home health aides	15.43	1.9	597	2.7	31,052	2.7
Level 2	13.87	1.8	555	1.8	28,859	1.8
Level 3	15.20	2.4	604	2.7	31,432	2.7
Level 4	16.11	4.0	604	5.7	31,428	5.7
Not able to be leveled	15.89	4.0	632	4.3	32,877	4.3
Nursing aides, orderlies, and attendants	15.85	2.4	611	4.1	31,747	4.1
Level 3	15.41	3.9	611	4.4	31,750	4.4
Level 4	16.06	4.4	601	6.2	31,229	6.2
Psychiatric aides	14.41	5.8	564	4.3	29,332	4.3
Miscellaneous healthcare support occupations	16.21	1.5	634	2.0	32,963	2.0
Level 4	16.66	4.2	630	3.9	32,738	3.9
Food preparation and serving related occupations						
Level 4	14.75	9.0	590	9.0	30,676	9.0
Level 4	16.69	1.8	668	1.8	34,716	1.8
Cooks	17.23	6.1	689	6.1	35,846	6.1
Cooks, institution and cafeteria	17.23	6.1	689	6.1	35,846	6.1
Building and grounds cleaning and maintenance occupations						
Level 2	13.99	10.2	557	10.3	28,941	10.3
Level 2	12.78	3.8	510	3.9	26,533	3.9
Building cleaning workers	12.93	3.5	514	3.7	26,731	3.7
Level 2	12.78	3.8	510	3.9	26,533	3.9
Janitors and cleaners, except maids and housekeeping cleaners	13.29	4.8	529	5.1	27,498	5.1
Level 2	12.60	3.2	502	3.6	26,105	3.6
Maids and housekeeping cleaners	12.46	7.3	495	7.7	25,733	7.7

See footnotes at end of table.

**Civilian full-time workers in hospitals: Relative standard errors
of mean hourly, weekly, and annual earnings by
work levels — Continued**

Occupation and work level 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	\$16.28	3.1%	\$643	3.1%	\$33,452	3.1%
Level 2	13.10	1.7	524	1.7	27,255	1.7
Level 3	14.75	3.3	584	2.8	30,393	2.8
Level 4	16.68	3.2	650	3.8	33,793	3.8
Level 5	18.07	3.7	723	3.7	37,578	3.7
Not able to be leveled	15.06	18.8	593	18.1	30,832	18.1
Financial clerks	17.44	3.0	698	3.0	36,273	3.0
Level 4	17.33	5.1	693	5.1	36,045	5.1
Billing and posting clerks and machine operators	16.68	3.7	667	3.7	34,701	3.7
Level 4	16.88	6.0	675	6.0	35,114	6.0
Receptionists and information clerks	13.71	4.6	548	4.6	28,507	4.6
Secretaries and administrative assistants	17.41	3.6	685	3.4	35,597	3.4
Level 4	16.98	.9	659	1.3	34,247	1.3
Not able to be leveled	17.61	10.6	660	11.9	34,325	11.9
Medical secretaries	16.96	2.1	662	2.2	34,422	2.2
Level 4	16.98	.9	659	1.3	34,247	1.3

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.

RSE Table 21

Civilian supervisory workers: Relative standard errors of mean weekly and annual earnings for selected management occupations

Occupation ¹	Weekly ²		Annual ⁴	
	Mean earnings	Relative error ³	Mean earnings	Relative error ³
Management occupations				
Team leader	\$1,437	9.8%	\$74,270	9.8%
First line	1,593	7.3	82,697	7.3
Second line	2,477	6.4	128,821	6.4
Third line	3,451	16.7	179,460	16.7
General and operations managers				
First line	2,104	7.2	109,420	7.2
Second line	3,010	7.5	156,532	7.5
Marketing managers				
First line	2,172	5.3	112,942	5.3
Sales managers				
First line	1,882	13.0	97,839	13.0
Administrative services managers				
First line	1,539	12.8	80,023	12.8
Computer and information systems managers				
Team leader	2,362	16.6	122,827	16.6
First line	2,179	7.5	113,315	7.5
Financial managers				
Team leader	1,331	21.1	69,209	21.1
First line	1,528	9.3	79,456	9.3
Industrial production managers				
First line	1,752	3.2	91,115	3.2
Transportation, storage, and distribution managers				
First line	1,241	19.0	64,511	19.0
Education administrators, elementary and secondary school				
Team leader	1,943	14.0	96,610	14.0
First line	1,785	7.8	86,929	7.8
Education administrators, postsecondary				
Team leader	1,375	18.6	71,525	18.6
First line	1,623	5.8	84,408	5.8
Engineering managers				
First line	1,978	9.1	102,841	9.1
Medical and health services managers				
First line	1,919	10.3	99,791	10.3
Social and community service managers				
First line	781	18.9	40,600	18.9

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 Mean weekly earnings are the straight-time weekly wages or salaries paid to employees.

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 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.