

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	\$20.02	2.5%	\$795	2.5%	\$40,664	2.5%
Management occupations	38.05	1.9	1,552	2.3	80,276	2.3
Chief executives	64.91	26.2	3,060	21.4	159,135	21.4
General and operations managers	42.20	7.1	1,793	8.4	93,254	8.4
Legislators	30.71	40.3	1,174	43.8	61,034	43.8
Advertising and promotions managers	31.85	15.1	1,272	13.1	66,157	13.1
Marketing and sales managers	41.50	5.6	1,706	6.3	88,723	6.3
Marketing managers	45.16	9.3	1,785	9.4	92,820	9.4
Sales managers	39.37	7.9	1,657	8.3	86,178	8.3
Public relations managers	46.74	28.4	1,855	28.0	96,447	28.0
Administrative services managers	27.50	7.7	1,131	7.5	58,828	7.5
Computer and information systems managers	46.92	5.3	1,915	5.7	99,578	5.7
Financial managers	37.19	4.0	1,498	3.8	77,919	3.8
Compensation and benefits managers	31.74	8.5	1,327	8.1	69,025	8.1
Training and development managers	60.47	24.9	2,419	24.9	125,783	24.9
Industrial production managers	32.35	10.0	1,346	8.5	69,995	8.5
Purchasing managers	43.96	23.1	1,801	22.6	93,669	22.6
Transportation, storage, and distribution managers	31.25	12.1	1,246	11.8	64,789	11.8
Construction managers	37.80	5.5	1,577	4.5	81,967	4.5
Education administrators	36.07	5.5	1,419	5.5	69,257	5.5
Education administrators, elementary and secondary school	41.78	3.6	1,624	4.3	79,635	4.3
Education administrators, postsecondary ..	35.12	7.8	1,385	7.8	65,928	7.8
Engineering managers	52.45	7.1	2,162	7.3	112,425	7.3
Food service managers	18.71	6.0	855	7.2	43,677	7.2
Lodging managers	17.62	12.5	808	9.3	41,992	9.3
Medical and health services managers	38.16	6.1	1,556	6.3	80,902	6.3
Natural sciences managers	28.08	18.7	1,091	20.0	56,734	20.0
Property, real estate, and community association managers	26.99	8.7	1,095	9.0	56,918	9.0
Social and community service managers	32.47	5.1	1,291	5.5	67,119	5.5
Business and financial operations occupations	30.19	2.8	1,219	2.7	63,352	2.7
Buyers and purchasing agents	25.85	6.9	1,038	7.0	53,970	7.0
Wholesale and retail buyers, except farm products	23.38	7.5	944	8.0	49,075	8.0
Purchasing agents, except wholesale, retail, and farm products	27.20	7.4	1,089	7.7	56,620	7.7
Claims adjusters, appraisers, examiners, and investigators	26.73	7.5	1,055	7.5	54,849	7.5

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
Business and financial operations occupations –Continued						
Claims adjusters, examiners, and investigators	\$26.45	8.2%	\$1,044	8.2%	\$54,298	8.2%
Compliance officers, except agriculture, construction, health and safety, and transportation	28.89	12.5	1,159	12.5	60,293	12.5
Cost estimators	33.26	5.8	1,402	6.7	72,912	6.7
Human resources, training, and labor relations specialists	29.51	5.2	1,185	5.3	61,627	5.3
Employment, recruitment, and placement specialists	31.67	15.7	1,266	15.7	65,835	15.7
Compensation, benefits, and job analysis specialists	30.50	8.3	1,211	8.4	62,977	8.4
Training and development specialists	28.25	7.3	1,148	5.5	59,682	5.5
Logisticians	32.95	12.0	1,318	12.0	68,536	12.0
Management analysts	35.03	9.2	1,402	9.1	72,884	9.1
Accountants and auditors	26.37	5.8	1,069	6.0	55,556	6.0
Appraisers and assessors of real estate	19.81	8.2	792	8.5	41,173	8.5
Budget analysts	34.09	11.7	1,406	13.3	73,031	13.3
Credit analysts	32.59	12.1	1,304	12.1	67,797	12.1
Financial analysts and advisors	35.61	13.9	1,456	14.4	75,703	14.4
Financial analysts	38.63	16.8	1,616	17.0	84,053	17.0
Personal financial advisors	34.37	17.3	1,375	17.3	71,486	17.3
Insurance underwriters	26.36	17.4	1,020	17.5	53,050	17.5
Financial examiners	32.78	8.3	1,313	8.3	68,263	8.3
Loan counselors and officers	26.19	6.9	1,051	7.5	54,636	7.5
Loan officers	26.51	7.3	1,067	7.9	55,483	7.9
Tax examiners, collectors, preparers, and revenue agents	16.23	10.6	647	10.5	33,636	10.5
Tax examiners, collectors, and revenue agents	16.47	11.9	656	11.7	34,122	11.7
Computer and mathematical science occupations						
Computer and information scientists, research	48.40	1.2	1,936	1.2	100,667	1.2
Computer programmers	34.09	6.4	1,400	5.8	72,824	5.8
Computer software engineers	41.50	2.9	1,661	2.9	86,382	2.9
Computer software engineers, applications	40.84	3.0	1,635	3.1	85,041	3.1
Computer software engineers, systems software	42.96	6.3	1,719	6.3	89,362	6.3
Computer support specialists	25.35	4.6	1,005	4.5	52,263	4.5
Computer systems analysts	38.83	4.9	1,550	5.0	80,539	5.0

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
Computer and mathematical science occupations –Continued						
Database administrators	\$32.84	16.8%	\$1,310	16.8%	\$68,126	16.8%
Network and computer systems administrators	31.68	3.7	1,270	3.7	65,783	3.7
Network systems and data communications analysts	30.52	8.6	1,225	8.1	63,711	8.1
Operations research analysts	33.22	7.8	1,302	8.7	67,724	8.7
Architecture and engineering occupations						
Architects, except naval	33.09	2.6	1,332	2.6	69,256	2.6
Architects, except landscape and naval	36.58	8.7	1,478	8.3	76,875	8.3
Architects, except landscape and naval	37.35	9.1	1,512	8.6	78,617	8.6
Engineers	37.64	2.2	1,519	2.2	78,999	2.2
Aerospace engineers	35.01	9.3	1,400	9.3	72,813	9.3
Chemical engineers	43.48	5.2	1,739	5.2	90,430	5.2
Civil engineers	35.30	4.2	1,418	4.1	73,723	4.1
Computer hardware engineers	42.53	7.9	1,701	7.9	88,470	7.9
Electrical and electronics engineers	38.29	3.3	1,543	3.2	80,218	3.2
Electrical engineers	37.85	5.6	1,536	5.5	79,853	5.5
Electronics engineers, except computer	38.75	1.7	1,550	1.7	80,603	1.7
Environmental engineers	30.54	8.6	1,236	9.4	64,269	9.4
Industrial engineers, including health and safety	39.66	9.0	1,619	8.0	84,181	8.0
Industrial engineers	35.88	6.5	1,457	6.3	75,774	6.3
Mechanical engineers	34.82	4.9	1,436	5.5	74,527	5.5
Drafters	24.28	5.2	971	5.2	50,499	5.2
Architectural and civil drafters	26.46	9.5	1,059	9.5	55,042	9.5
Mechanical drafters	20.83	4.2	833	4.2	43,316	4.2
Engineering technicians, except drafters	24.19	3.4	968	3.3	50,341	3.3
Civil engineering technicians	19.80	5.8	792	5.8	41,189	5.8
Electrical and electronic engineering technicians	24.86	3.7	994	3.7	51,700	3.7
Mechanical engineering technicians	19.39	3.3	789	3.6	41,024	3.6
Surveying and mapping technicians	17.38	7.9	693	7.9	36,025	7.9
Life, physical, and social science occupations						
Life scientists	28.56	2.6	1,142	3.1	58,972	3.1
Biological scientists	31.85	6.5	1,206	8.9	62,728	8.9
Biological scientists	32.13	13.3	1,136	9.0	59,066	9.0
Medical scientists	32.52	9.6	1,292	9.0	67,169	9.0
Physical scientists	32.58	9.8	1,378	8.1	71,267	8.1
Chemists and materials scientists	38.51	23.3	1,567	24.7	81,493	24.7
Chemists	38.51	23.3	1,567	24.7	81,493	24.7
Environmental scientists and geoscientists	28.14	11.6	1,251	16.9	64,282	16.9

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
Life, physical, and social science occupations						
–Continued						
Environmental scientists and specialists, including health	\$28.31	12.1%	\$1,252	17.8%	\$65,124	17.8%
Economists	26.51	19.2	1,183	15.5	61,539	15.5
Market and survey researchers	29.83	12.3	1,180	13.4	61,344	13.4
Market research analysts	29.83	12.3	1,180	13.4	61,344	13.4
Psychologists	32.63	6.5	1,246	7.5	57,453	7.5
Clinical, counseling, and school psychologists	32.63	6.5	1,246	7.5	57,453	7.5
Urban and regional planners	25.99	8.5	1,038	8.3	53,964	8.3
Biological technicians	20.58	5.1	819	5.1	42,578	5.1
Chemical technicians	20.56	5.9	821	5.9	42,617	5.9
Miscellaneous life, physical, and social science technicians	21.12	7.8	849	7.2	44,164	7.2
Community and social services occupations	18.68	3.1	726	3.1	36,836	3.1
Counselors	22.11	5.0	862	5.0	41,908	5.0
Substance abuse and behavioral disorder counselors	17.63	5.8	706	6.1	36,693	6.1
Educational, vocational, and school counselors	26.12	8.4	1,006	8.0	45,775	8.0
Mental health counselors	19.59	4.8	784	4.8	40,742	4.8
Rehabilitation counselors	19.62	8.1	782	7.7	40,638	7.7
Social workers	19.68	5.3	774	5.2	39,592	5.2
Child, family, and school social workers ..	19.81	10.1	773	10.3	38,567	10.3
Medical and public health social workers	20.49	5.7	810	5.2	42,146	5.2
Mental health and substance abuse social workers	19.14	3.7	756	3.7	39,307	3.7
Miscellaneous community and social service specialists	14.40	5.7	552	6.0	28,720	6.0
Probation officers and correctional treatment specialists	18.38	3.3	734	3.3	38,190	3.3
Social and human service assistants	12.19	7.5	477	7.5	24,803	7.5
Legal occupations	35.41	9.0	1,423	9.1	73,989	9.1
Lawyers	50.96	5.7	2,082	5.6	108,287	5.6
Judges, magistrates, and other judicial workers	31.36	25.9	1,255	25.9	65,237	25.9
Paralegals and legal assistants	22.62	6.5	897	6.9	46,644	6.9
Miscellaneous legal support workers	21.45	6.3	845	6.2	43,960	6.2
Title examiners, abstractors, and searchers	21.03	7.8	841	7.8	43,737	7.8
Education, training, and library occupations	28.26	1.8	1,082	1.8	44,857	1.8

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						
Postsecondary teachers	\$38.37	5.5%	\$1,551	5.7%	\$68,359	5.7%
Business teachers, postsecondary	48.97	6.4	1,965	5.6	78,844	5.6
Math and computer teachers, postsecondary	39.62	14.0	1,581	13.8	66,741	13.8
Computer science teachers, postsecondary	40.88	19.7	1,618	19.1	71,671	19.1
Mathematical science teachers, postsecondary	37.33	7.1	1,512	5.6	58,695	5.6
Engineering and architecture teachers, postsecondary	54.75	21.2	2,238	20.9	86,130	20.9
Engineering teachers, postsecondary	54.75	21.2	2,238	20.9	86,130	20.9
Life sciences teachers, postsecondary	43.68	6.8	1,749	6.8	76,434	6.8
Biological science teachers, postsecondary	43.14	7.3	1,728	7.3	74,559	7.3
Physical sciences teachers, postsecondary	44.22	9.4	1,750	9.4	71,179	9.4
Chemistry teachers, postsecondary	46.63	12.4	1,836	12.6	76,283	12.6
Social sciences teachers, postsecondary	45.84	4.4	1,933	4.6	80,492	4.6
Psychology teachers, postsecondary	40.68	5.8	1,662	6.0	67,922	6.0
Health teachers, postsecondary	38.01	8.8	1,441	8.2	65,581	8.2
Health specialties teachers, postsecondary	43.06	11.3	1,701	10.9	86,510	10.9
Nursing instructors and teachers, postsecondary	34.77	9.9	1,285	7.2	55,006	7.2
Education and library science teachers, postsecondary	35.35	11.7	1,565	11.5	68,355	11.5
Education teachers, postsecondary	35.35	11.7	1,565	11.5	68,355	11.5
Law, criminal justice, and social work teachers, postsecondary	53.39	20.1	2,239	22.0	92,508	22.0
Arts, communications, and humanities teachers, postsecondary	38.89	7.4	1,549	6.6	62,086	6.6
Art, drama, and music teachers, postsecondary	31.78	9.8	1,279	9.4	54,868	9.4
English language and literature teachers, postsecondary	36.61	6.1	1,485	9.2	57,504	9.2
Foreign language and literature teachers, postsecondary	32.28	9.6	1,191	7.6	49,990	7.6
History teachers, postsecondary	44.62	12.8	1,833	10.6	71,772	10.6
Philosophy and religion teachers, postsecondary	42.19	20.7	1,723	14.8	67,195	14.8
Miscellaneous postsecondary teachers	31.61	8.8	1,266	8.8	60,615	8.8
Recreation and fitness studies teachers, postsecondary	31.00	20.2	1,410	10.7	57,567	10.7

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
Education, training, and library occupations						
–Continued						
Primary, secondary, and special education						
school teachers	\$30.07	2.1%	\$1,135	2.0%	\$45,547	2.0%
Preschool and kindergarten teachers	22.34	11.4	859	11.2	37,893	11.2
Preschool teachers, except special						
education	14.20	10.3	550	10.5	26,890	10.5
Kindergarten teachers, except special						
education	31.79	3.1	1,210	2.7	48,082	2.7
Elementary and middle school teachers	30.24	2.0	1,139	2.0	45,188	2.0
Elementary school teachers, except						
special education	29.98	2.1	1,128	2.1	44,744	2.1
Middle school teachers, except special						
and vocational education	31.29	2.6	1,184	2.8	46,992	2.8
Secondary school teachers	31.77	2.7	1,202	2.6	47,960	2.6
Secondary school teachers, except						
special and vocational education	31.90	2.9	1,208	2.9	47,780	2.9
Vocational education teachers,						
secondary school	30.66	2.8	1,154	2.5	49,577	2.5
Special education teachers	31.26	3.1	1,177	3.1	47,542	3.1
Special education teachers, preschool,						
kindergarten, and elementary school	32.58	3.6	1,224	2.6	49,725	2.6
Special education teachers, middle						
school	31.61	8.1	1,179	7.9	47,598	7.9
Special education teachers, secondary						
school	29.18	6.9	1,102	7.1	44,205	7.1
Other teachers and instructors	23.77	11.4	944	8.8	41,573	8.8
Self-enrichment education teachers	27.22	10.1	1,056	12.2	43,597	12.2
Librarians	29.50	4.8	1,125	4.3	51,520	4.3
Library technicians	14.47	3.4	568	3.2	29,524	3.2
Instructional coordinators	33.62	5.2	1,286	4.7	56,278	4.7
Teacher assistants	11.89	2.8	446	2.6	18,646	2.6
Arts, design, entertainment, sports, and						
media occupations						
Designers	25.49	4.9	1,011	4.7	52,516	4.7
Graphic designers	20.00	4.5	804	4.7	41,800	4.7
Interior designers	20.06	5.4	807	5.3	41,943	5.3
Actors, producers, and directors	21.02	13.0	849	13.1	44,170	13.1
Producers and directors	29.54	18.5	1,172	19.1	60,919	19.1
Producers and directors	29.54	18.5	1,172	19.1	60,919	19.1
Athletes, coaches, umpires, and related						
workers	26.90	12.4	1,031	13.6	53,132	13.6
Coaches and scouts	24.16	16.1	910	17.5	46,720	17.5
News analysts, reporters and correspondents	32.43	10.1	1,264	9.7	65,716	9.7

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
Arts, design, entertainment, sports, and media occupations –Continued						
Reporters and correspondents	\$32.43	10.1%	\$1,264	9.7%	\$65,716	9.7%
Public relations specialists	26.11	8.8	1,041	8.7	54,150	8.7
Writers and editors	33.83	15.6	1,329	14.5	69,114	14.5
Editors	26.35	8.0	1,031	7.5	53,613	7.5
Technical writers	38.32	24.4	1,551	24.0	80,633	24.0
Broadcast and sound engineering technicians and radio operators	19.61	8.7	785	8.7	40,794	8.7
Healthcare practitioner and technical occupations						
Dietitians and nutritionists	31.93	15.8	1,254	16.1	65,018	16.1
Pharmacists	19.43	6.6	777	6.6	40,410	6.6
Physicians and surgeons	48.56	3.9	1,912	4.1	99,404	4.1
Registered nurses	147.98	25.0	6,009	24.2	312,464	24.2
Therapists	27.88	2.0	1,083	2.1	56,001	2.1
Occupational therapists	26.27	4.3	1,039	4.3	53,214	4.3
Physical therapists	28.98	3.7	1,154	3.9	59,600	3.9
Respiratory therapists	31.71	1.7	1,268	1.7	65,881	1.7
Speech-language pathologists	24.25	2.5	957	2.8	49,781	2.8
Clinical laboratory technologists and technicians	30.42	8.6	1,163	6.7	54,704	6.7
Medical and clinical laboratory technologists	18.83	2.5	758	3.8	39,411	3.8
Medical and clinical laboratory technicians	21.37	6.7	880	4.4	45,740	4.4
Dental hygienists	15.54	1.7	608	2.0	31,613	2.0
Diagnostic related technologists and technicians	30.07	9.7	1,040	6.3	54,086	6.3
Cardiovascular technologists and technicians	24.64	3.5	977	3.8	50,794	3.8
Radiologic technologists and technicians ..	20.06	14.0	774	16.2	40,259	16.2
Emergency medical technicians and paramedics	24.37	3.9	974	3.9	50,636	3.9
Health diagnosing and treating practitioner support technicians	15.27	6.1	670	3.3	34,844	3.3
Pharmacy technicians	15.11	6.8	601	6.6	31,273	6.6
Psychiatric technicians	13.34	6.2	533	6.2	27,727	6.2
Surgical technologists	11.46	5.0	458	5.0	23,837	5.0
Licensed practical and licensed vocational nurses	19.24	7.3	761	7.3	39,564	7.3
Medical records and health information technicians	17.77	1.8	687	1.9	35,643	1.9
	16.38	4.4	638	5.0	33,189	5.0

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
Healthcare practitioner and technical occupations –Continued						
Miscellaneous health technologists and technicians	\$19.26	8.2%	\$770	8.2%	\$40,054	8.2%
Occupational health and safety specialists	20.46	10.8	807	10.8	41,939	10.8
Healthcare support occupations	12.04	2.2	466	2.4	24,229	2.4
Nursing, psychiatric, and home health aides	10.35	1.2	399	1.4	20,724	1.4
Home health aides	9.55	3.7	355	2.8	18,460	2.8
Nursing aides, orderlies, and attendants	10.49	1.4	406	1.4	21,106	1.4
Psychiatric aides	10.48	3.1	419	3.1	21,803	3.1
Physical therapist assistants and aides	21.38	11.8	841	10.0	43,753	10.0
Physical therapist assistants	22.06	13.6	863	11.7	44,892	11.7
Miscellaneous healthcare support occupations	13.25	2.9	515	3.2	26,743	3.2
Dental assistants	17.35	5.0	638	5.5	33,185	5.5
Medical assistants	12.83	2.3	505	2.9	26,266	2.9
Medical equipment preparers	11.99	7.8	480	7.8	24,936	7.8
Medical transcriptionists	14.03	2.0	548	4.5	28,507	4.5
Pharmacy aides	10.93	6.3	394	4.3	20,488	4.3
Protective service occupations	16.96	2.8	697	3.4	35,433	3.4
First-line supervisors/managers, law enforcement workers	31.05	2.7	1,256	2.4	65,321	2.4
First-line supervisors/managers of correctional officers	21.25	14.5	886	13.3	46,059	13.3
First-line supervisors/managers of police and detectives	33.27	2.0	1,337	2.2	69,529	2.2
First-line supervisors/managers of fire fighting and prevention workers	25.33	8.6	1,246	8.5	64,788	8.5
Fire fighters	18.34	3.2	933	3.0	48,529	3.0
Bailiffs, correctional officers, and jailers	15.79	3.8	640	4.0	33,271	4.0
Correctional officers and jailers	15.80	3.8	640	4.0	33,298	4.0
Detectives and criminal investigators	21.71	7.2	888	6.5	46,174	6.5
Police officers	21.80	2.6	882	2.7	45,843	2.7
Police and sheriff's patrol officers	21.80	2.6	882	2.7	45,843	2.7
Security guards and gaming surveillance officers	10.70	3.6	416	3.7	21,576	3.7
Security guards	10.67	3.6	415	3.7	21,532	3.7
Miscellaneous protective service workers	14.21	15.0	550	13.9	14,994	13.9
Lifeguards, ski patrol, and other recreational protective service workers	10.41	18.4	397	16.3	6,293	16.3

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
Food preparation and serving related occupations	\$8.84	3.4%	\$335	3.9%	\$17,230	3.9%
First-line supervisors/managers, food preparation and serving workers	14.02	5.2	584	5.5	29,908	5.5
Chefs and head cooks	15.61	13.2	651	13.5	33,528	13.5
First-line supervisors/managers of food preparation and serving workers	13.80	5.3	575	5.4	29,405	5.4
Cooks	10.09	2.5	383	3.0	19,510	3.0
Cooks, fast food	8.46	6.7	329	10.2	17,102	10.2
Cooks, institution and cafeteria	11.49	2.6	429	3.7	20,775	3.7
Cooks, restaurant	10.15	3.4	389	2.8	20,196	2.8
Cooks, short order	9.00	6.4	334	9.8	17,371	9.8
Food preparation workers	9.36	3.7	368	3.8	18,981	3.8
Food service, tipped	4.88	11.7	175	14.1	9,089	14.1
Bartenders	6.49	19.7	237	26.1	12,293	26.1
Waiters and waitresses	3.72	4.6	131	5.8	6,824	5.8
Dining room and cafeteria attendants and bartender helpers	7.72	7.7	294	7.6	14,895	7.6
Fast food and counter workers	8.48	4.1	323	4.3	16,542	4.3
Combined food preparation and serving workers, including fast food	8.52	4.3	325	4.5	16,713	4.5
Counter attendants, cafeteria, food concession, and coffee shop	8.31	6.1	312	6.3	15,755	6.3
Food servers, nonrestaurant	8.58	3.8	338	3.9	17,416	3.9
Dishwashers	8.50	6.0	322	4.4	16,759	4.4
Hosts and hostesses, restaurant, lounge, and coffee shop	9.45	15.2	325	19.5	16,896	19.5
Building and grounds cleaning and maintenance occupations	10.87	3.0	428	2.9	22,136	2.9
First-line supervisors/managers, building and grounds cleaning and maintenance workers	18.55	12.1	746	12.6	38,727	12.6
First-line supervisors/managers of housekeeping and janitorial workers	15.28	6.5	607	5.9	31,441	5.9
First-line supervisors/managers of landscaping, lawn service, and groundskeeping workers	24.51	13.9	1,011	14.6	52,575	14.6
Building cleaning workers	9.97	2.5	391	2.2	20,208	2.2
Janitors and cleaners, except maids and housekeeping cleaners	10.27	3.4	405	3.1	20,905	3.1
Maids and housekeeping cleaners	9.20	2.3	354	2.2	18,410	2.2
Grounds maintenance workers	11.58	5.5	461	5.6	23,857	5.6
Landscaping and groundskeeping workers	11.47	6.1	457	6.2	23,616	6.2

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
Personal care and service occupations	\$13.26	4.8%	\$490	4.5%	\$25,120	4.5%
First-line supervisors/managers of personal service workers	15.49	5.9	662	7.3	33,059	7.3
Miscellaneous entertainment attendants and related workers	11.67	5.0	467	7.0	23,886	7.0
Amusement and recreation attendants	11.54	6.7	457	8.0	23,073	8.0
Barbers and cosmetologists	17.56	6.0	633	7.8	32,907	7.8
Hairdressers, hairstylists, and cosmetologists	17.56	6.0	633	7.8	32,907	7.8
Baggage porters, bellhops, and concierges	10.24	10.0	396	11.1	20,582	11.1
Baggage porters and bellhops	7.87	19.3	296	22.4	15,414	22.4
Transportation attendants	37.98	4.1	776	2.6	39,344	2.6
Flight attendants	42.04	1.2	814	2.5	42,305	2.5
Child care workers	8.71	3.4	344	3.5	17,752	3.5
Personal and home care aides	10.16	1.8	406	1.8	21,107	1.8
Recreation and fitness workers	13.50	7.9	536	7.7	26,227	7.7
Recreation workers	13.51	9.4	536	9.2	25,886	9.2
Sales and related occupations	17.74	3.9	708	3.9	36,607	3.9
First-line supervisors/managers, sales workers	19.51	5.8	814	6.0	42,317	6.0
First-line supervisors/managers of retail sales workers	17.36	6.5	725	6.5	37,678	6.5
First-line supervisors/managers of non-retail sales workers	28.47	9.2	1,184	9.2	61,557	9.2
Retail sales workers	11.67	3.6	461	3.7	23,767	3.7
Cashiers, all workers	9.46	2.5	368	2.2	19,151	2.2
Cashiers	9.44	2.4	368	2.3	19,120	2.3
Counter and rental clerks and parts salespersons	12.59	4.5	502	4.6	26,118	4.6
Counter and rental clerks	10.21	4.7	400	5.2	20,822	5.2
Parts salespersons	15.82	3.4	646	4.0	33,602	4.0
Retail salespersons	13.22	4.1	527	4.5	26,960	4.5
Advertising sales agents	17.91	22.3	710	21.6	36,902	21.6
Insurance sales agents	26.74	16.9	1,020	16.1	53,063	16.1
Securities, commodities, and financial services sales agents	58.24	31.0	2,365	29.5	122,961	29.5
Sales representatives, wholesale and manufacturing	29.71	3.9	1,194	3.6	61,906	3.6
Sales representatives, wholesale and manufacturing, technical and scientific products	32.90	11.0	1,321	11.0	68,700	11.0

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
Sales and related occupations –Continued						
Sales representatives, wholesale and manufacturing, except technical and scientific products	\$28.68	5.2%	\$1,152	4.8%	\$59,714	4.8%
Sales engineers	27.64	10.3	1,130	8.6	58,743	8.6
Telemarketers	14.87	9.0	583	9.4	30,301	9.4
Miscellaneous sales and related workers	17.23	9.0	679	8.7	34,312	8.7
Office and administrative support occupations						
First-line supervisors/managers of office and administrative support workers	15.03	1.1	597	1.0	30,932	1.0
Switchboard operators, including answering service	20.56	3.2	823	3.2	42,807	3.2
Telephone operators	10.89	4.7	431	4.8	22,435	4.8
Financial clerks	11.92	7.6	472	6.2	24,421	6.2
Bill and account collectors	14.56	1.9	579	1.9	30,121	1.9
Billing and posting clerks and machine operators	15.13	4.2	605	4.3	31,454	4.3
Bookkeeping, accounting, and auditing clerks	13.50	6.5	538	6.4	27,982	6.4
Payroll and timekeeping clerks	15.37	1.6	610	1.7	31,684	1.7
Procurement clerks	18.30	4.1	732	4.1	37,990	4.1
Tellers	17.07	6.4	681	6.4	35,423	6.4
Brokerage clerks	11.96	1.8	478	1.9	24,848	1.9
Court, municipal, and license clerks	15.68	11.0	618	8.3	32,114	8.3
Credit authorizers, checkers, and clerks	15.60	3.9	618	3.9	32,113	3.9
Customer service representatives	15.53	7.3	621	7.3	32,303	7.3
Eligibility interviewers, government programs	14.81	3.7	591	3.6	30,498	3.6
File clerks	16.11	5.5	641	5.5	33,310	5.5
Hotel, motel, and resort desk clerks	11.32	5.8	450	5.8	23,242	5.8
Interviewers, except eligibility and loan	9.59	3.0	382	3.0	19,878	3.0
Library assistants, clerical	12.65	16.8	491	19.7	25,533	19.7
Loan interviewers and clerks	12.40	5.1	467	6.3	22,571	6.3
New accounts clerks	16.54	8.4	661	8.4	34,371	8.4
Order clerks	15.82	9.5	633	9.5	32,912	9.5
Human resources assistants, except payroll and timekeeping	13.96	6.9	558	6.9	28,992	6.9
Receptionists and information clerks	15.22	3.0	602	2.8	31,293	2.8
Reservation and transportation ticket agents and travel clerks	12.21	2.4	480	2.0	24,951	2.0
Dispatchers	14.56	3.7	582	3.7	30,282	3.7
Police, fire, and ambulance dispatchers	15.71	5.3	635	5.4	33,004	5.4
	14.73	4.0	591	4.1	30,740	4.1

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
Office and administrative support occupations –Continued						
Dispatchers, except police, fire, and ambulance	\$16.29	8.0%	\$661	8.2%	\$34,362	8.2%
Meter readers, utilities	14.21	5.3	569	5.3	29,567	5.3
Production, planning, and expediting clerks	18.55	7.6	746	7.5	38,795	7.5
Shipping, receiving, and traffic clerks	12.74	3.5	509	3.5	26,466	3.5
Stock clerks and order fillers	11.62	2.9	467	3.3	24,286	3.3
Weighers, measurers, checkers, and samplers, recordkeeping	13.71	13.8	548	13.8	28,512	13.8
Secretaries and administrative assistants	17.20	2.3	679	2.2	35,192	2.2
Executive secretaries and administrative assistants	20.16	4.2	799	4.1	41,504	4.1
Legal secretaries	17.45	9.7	685	8.7	35,628	8.7
Medical secretaries	13.71	2.7	536	2.5	27,876	2.5
Secretaries, except legal, medical, and executive	15.65	1.4	621	1.5	31,953	1.5
Computer operators	16.31	5.2	652	5.2	33,912	5.2
Data entry and information processing workers	14.57	5.2	576	5.0	29,213	5.0
Data entry keyers	14.46	5.7	572	5.5	29,040	5.5
Word processors and typists	15.24	9.1	599	9.1	30,206	9.1
Desktop publishers	15.28	7.5	611	7.5	31,783	7.5
Insurance claims and policy processing clerks	15.07	5.1	594	5.2	30,883	5.2
Mail clerks and mail machine operators, except postal service	12.61	6.2	494	5.4	25,698	5.4
Office clerks, general	14.31	1.9	563	1.9	29,147	1.9
Office machine operators, except computer ..	11.99	3.8	479	3.8	24,934	3.8
Statistical assistants	23.44	11.6	904	9.6	46,985	9.6
Farming, fishing, and forestry occupations ..	10.31	16.7	408	16.0	21,225	16.0
Construction and extraction occupations	16.37	2.0	654	2.0	33,882	2.0
First-line supervisors/managers of construction trades and extraction workers	23.15	3.9	944	4.5	49,106	4.5
Brickmasons, blockmasons, and stonemasons	18.17	10.2	727	10.2	37,596	10.2
Brickmasons and blockmasons	19.29	7.7	772	7.7	39,884	7.7
Carpenters	18.08	5.1	712	5.4	36,943	5.4
Cement masons, concrete finishers, and terrazzo workers	16.13	5.5	645	5.5	33,520	5.5
Cement masons and concrete finishers	16.13	5.5	645	5.5	33,520	5.5

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
Construction and extraction occupations						
–Continued						
Construction laborers	\$11.72	4.6%	\$469	4.6%	\$24,344	4.6%
Construction equipment operators	15.16	2.1	606	2.1	31,269	2.1
Paving, surfacing, and tamping equipment operators	13.33	4.1	533	4.1	26,876	4.1
Operating engineers and other construction equipment operators	15.83	3.3	633	3.3	32,931	3.3
Drywall installers, ceiling tile installers, and tapers	17.43	5.5	695	5.5	36,131	5.5
Drywall and ceiling tile installers	17.40	8.1	692	8.0	36,006	8.0
Electricians	19.44	5.7	777	5.7	40,404	5.7
Insulation workers	14.38	7.8	575	7.8	29,913	7.8
Painters and paperhangers	12.57	3.3	503	3.3	25,292	3.3
Painters, construction and maintenance	12.57	3.3	503	3.3	25,292	3.3
Pipelayers, plumbers, pipefitters, and steamfitters	17.98	2.6	719	2.6	37,373	2.6
Pipelayers	13.32	8.5	533	8.5	27,613	8.5
Plumbers, pipefitters, and steamfitters	18.44	3.1	737	3.1	38,331	3.1
Roofers	13.56	10.1	542	10.1	28,090	10.1
Sheet metal workers	18.04	7.4	721	7.4	37,518	7.4
Helpers, construction trades	11.42	1.4	455	1.4	23,464	1.4
Helpers--carpenters	12.69	5.6	508	5.6	26,399	5.6
Helpers--electricians	11.67	3.2	467	3.2	24,230	3.2
Helpers--pipelayers, plumbers, pipefitters, and steamfitters	12.65	4.0	506	4.0	26,317	4.0
Construction and building inspectors	22.02	3.6	878	3.5	45,679	3.5
Highway maintenance workers	13.44	4.3	538	4.3	27,965	4.3
Septic tank servicers and sewer pipe cleaners	16.05	11.4	642	11.4	33,380	11.4
Miscellaneous construction and related workers	13.93	8.9	557	8.8	28,967	8.8
Installation, maintenance, and repair occupations	19.34	1.9	777	1.9	40,368	1.9
First-line supervisors/managers of mechanics, installers, and repairers	27.47	3.5	1,119	3.4	58,194	3.4
Computer, automated teller, and office machine repairers	17.90	4.1	714	4.2	37,102	4.2
Radio and telecommunications equipment installers and repairers	27.27	2.0	1,091	2.0	56,730	2.0
Telecommunications equipment installers and repairers, except line installers	27.27	2.0	1,091	2.0	56,730	2.0

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
Installation, maintenance, and repair occupations –Continued						
Miscellaneous electrical and electronic equipment mechanics, installers, and repairers	\$18.46	4.7%	\$738	4.7%	\$38,382	4.7%
Electrical and electronics repairers, commercial and industrial equipment	19.27	7.6	770	7.5	40,063	7.5
Electrical and electronics repairers, powerhouse, substation, and relay	24.53	13.1	979	13.1	50,891	13.1
Aircraft mechanics and service technicians ..	25.65	8.4	1,026	8.4	53,359	8.4
Automotive technicians and repairers	17.73	3.8	722	3.9	37,553	3.9
Automotive body and related repairers	18.06	12.5	722	12.5	37,490	12.5
Automotive service technicians and mechanics	17.62	3.6	723	3.9	37,612	3.9
Bus and truck mechanics and diesel engine specialists	17.40	5.6	698	5.7	36,312	5.7
Heavy vehicle and mobile equipment service technicians and mechanics	19.60	4.4	783	4.4	40,713	4.4
Mobile heavy equipment mechanics, except engines	19.56	4.7	781	4.8	40,632	4.8
Small engine mechanics	13.48	15.9	524	12.8	27,227	12.8
Control and valve installers and repairers	16.74	8.8	669	8.8	34,787	8.8
Control and valve installers and repairers, except mechanical door	18.17	4.5	726	4.5	37,753	4.5
Heating, air conditioning, and refrigeration mechanics and installers	18.36	7.9	734	7.9	38,190	7.9
Home appliance repairers	14.64	4.1	644	9.1	33,476	9.1
Industrial machinery installation, repair, and maintenance workers	18.64	3.1	743	2.9	38,619	2.9
Industrial machinery mechanics	21.06	5.2	834	5.1	43,313	5.1
Maintenance and repair workers, general ..	16.57	5.3	660	5.3	34,301	5.3
Maintenance workers, machinery	18.30	4.3	747	4.1	38,858	4.1
Millwrights	21.94	6.3	878	6.3	45,631	6.3
Line installers and repairers	23.74	4.1	950	4.1	49,389	4.1
Electrical power-line installers and repairers	22.49	8.0	899	8.0	46,771	8.0
Telecommunications line installers and repairers	24.66	3.3	986	3.3	51,290	3.3
Precision instrument and equipment repairers	17.07	6.8	683	6.8	35,511	6.8
Miscellaneous installation, maintenance, and repair workers	13.83	4.0	552	4.2	28,722	4.2
Helpers--installation, maintenance, and repair workers	12.01	4.7	479	4.9	24,918	4.9

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
Production occupations	\$14.59	2.9%	\$580	3.1%	\$30,139	3.1%
First-line supervisors/managers of production and operating workers	22.56	2.5	916	2.5	47,612	2.5
Electrical, electronics, and electromechanical assemblers	12.57	5.3	498	5.9	25,914	5.9
Electrical and electronic equipment assemblers	12.28	6.8	491	6.8	25,540	6.8
Electromechanical equipment assemblers	13.46	6.8	539	6.8	28,003	6.8
Engine and other machine assemblers	16.13	19.9	645	19.9	33,545	19.9
Structural metal fabricators and fitters	13.84	11.2	554	11.2	28,798	11.2
Miscellaneous assemblers and fabricators	13.71	4.1	546	4.2	28,392	4.2
Team assemblers	15.09	15.5	604	15.5	31,387	15.5
Bakers	10.70	5.0	422	5.8	21,955	5.8
Butchers and other meat, poultry, and fish processing workers	10.82	5.0	433	5.0	22,504	5.0
Butchers and meat cutters	12.56	12.1	502	12.1	26,126	12.1
Meat, poultry, and fish cutters and trimmers	9.70	2.1	388	2.1	20,177	2.1
Miscellaneous food processing workers	10.47	12.9	425	13.9	22,081	13.9
Food batchmakers	14.00	1.0	588	2.3	30,564	2.3
Computer control programmers and operators	16.67	8.1	667	8.1	34,673	8.1
Computer-controlled machine tool operators, metal and plastic	15.96	6.3	638	6.3	33,190	6.3
Forming machine setters, operators, and tenders, metal and plastic	16.91	11.7	652	11.7	33,853	11.7
Extruding and drawing machine setters, operators, and tenders, metal and plastic	14.98	6.1	574	4.1	29,843	4.1
Machine tool cutting setters, operators, and tenders, metal and plastic	12.39	8.6	494	8.5	25,670	8.5
Cutting, punching, and press machine setters, operators, and tenders, metal and plastic	11.46	10.2	458	10.2	23,831	10.2
Grinding, lapping, polishing, and buffing machine tool setters, operators, and tenders, metal and plastic	12.74	7.4	504	7.5	26,213	7.5
Lathe and turning machine tool setters, operators, and tenders, metal and plastic	15.25	11.0	607	11.0	31,583	11.0
Machinists	19.35	4.5	774	4.5	40,249	4.5
Molders and molding machine setters, operators, and tenders, metal and plastic	12.36	8.7	494	8.7	25,701	8.7

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
Production occupations –Continued						
Molding, coremaking, and casting machine setters, operators, and tenders, metal and plastic	\$12.33	8.7%	\$493	8.7%	\$25,653	8.7%
Multiple machine tool setters, operators, and tenders, metal and plastic	16.36	5.3	654	5.3	34,020	5.3
Tool and die makers	21.36	6.4	854	6.4	44,420	6.4
Welding, soldering, and brazing workers	18.09	4.4	717	4.5	37,246	4.5
Welders, cutters, solderers, and brazers	18.59	4.6	742	4.6	38,603	4.6
Welding, soldering, and brazing machine setters, operators, and tenders	15.57	5.4	598	5.3	30,817	5.3
Miscellaneous metalworkers and plastic workers	15.90	15.6	648	15.7	33,646	15.7
Heat treating equipment setters, operators, and tenders, metal and plastic	11.83	29.6	472	29.6	24,547	29.6
Plating and coating machine setters, operators, and tenders, metal and plastic	15.44	29.1	619	29.5	32,143	29.5
Bookbinders and bindery workers	13.54	7.9	533	7.2	27,701	7.2
Bindery workers	13.54	7.9	533	7.2	27,701	7.2
Printers	16.27	2.6	644	2.9	33,481	2.9
Prepress technicians and workers	20.00	10.0	785	9.1	40,809	9.1
Printing machine operators	15.89	2.9	630	3.3	32,715	3.3
Laundry and dry-cleaning workers	10.86	8.5	422	8.3	21,923	8.3
Pressers, textile, garment, and related materials	8.06	7.2	301	5.7	15,634	5.7
Sewing machine operators	12.01	10.9	474	11.7	24,661	11.7
Textile machine setters, operators, and tenders	11.73	6.2	466	6.5	24,199	6.5
Textile bleaching and dyeing machine operators and tenders	11.98	8.5	479	8.5	24,911	8.5
Textile cutting machine setters, operators, and tenders	10.19	18.5	396	20.1	20,593	20.1
Textile knitting and weaving machine setters, operators, and tenders	11.80	5.2	472	5.2	24,539	5.2
Textile winding, twisting, and drawing out machine setters, operators, and tenders	12.08	7.2	479	7.6	24,890	7.6
Miscellaneous textile, apparel, and furnishings workers	14.54	8.4	576	8.8	29,883	8.8
Extruding and forming machine setters, operators, and tenders, synthetic and glass fibers	16.26	12.1	640	12.8	33,271	12.8
Upholsterers	16.76	15.1	667	15.4	34,673	15.4

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						
Woodworking machine setters, operators, and tenders	\$13.65	2.8%	\$545	2.9%	\$28,322	2.9%
Sawing machine setters, operators, and tenders, wood	12.38	3.0	493	2.9	25,615	2.9
Woodworking machine setters, operators, and tenders, except sawing	14.31	3.8	572	3.8	29,728	3.8
Power plant operators, distributors, and dispatchers	27.18	20.7	1,087	20.7	56,541	20.7
Power plant operators	22.17	16.8	887	16.8	46,106	16.8
Water and liquid waste treatment plant and system operators	17.67	7.7	711	7.9	36,992	7.9
Miscellaneous plant and system operators	20.75	7.1	825	6.8	42,916	6.8
Chemical plant and system operators	20.68	10.4	821	10.0	42,668	10.0
Chemical processing machine setters, operators, and tenders	19.58	11.4	783	11.4	40,719	11.4
Chemical equipment operators and tenders	19.92	12.9	797	12.9	41,428	12.9
Crushing, grinding, polishing, mixing, and blending workers	15.50	11.4	613	11.2	31,850	11.2
Crushing, grinding, and polishing machine setters, operators, and tenders	19.14	23.1	765	23.1	39,804	23.1
Grinding and polishing workers, hand	11.51	4.3	460	4.3	23,931	4.3
Mixing and blending machine setters, operators, and tenders	16.34	10.9	642	10.5	33,359	10.5
Cutting workers	13.78	8.4	551	8.4	28,656	8.4
Cutters and trimmers, hand	15.89	8.5	635	8.5	33,044	8.5
Cutting and slicing machine setters, operators, and tenders	12.94	8.7	518	8.7	26,911	8.7
Extruding, forming, pressing, and compacting machine setters, operators, and tenders	13.09	31.2	520	30.2	27,021	30.2
Furnace, kiln, oven, drier, and kettle operators and tenders	18.07	13.6	723	13.6	37,583	13.6
Inspectors, testers, sorters, samplers, and weighers	13.30	7.0	533	7.2	27,704	7.2
Medical, dental, and ophthalmic laboratory technicians	16.71	11.2	654	12.3	34,016	12.3
Dental laboratory technicians	18.65	8.0	725	10.7	37,680	10.7
Packaging and filling machine operators and tenders	13.94	8.7	554	8.9	28,831	8.9
Painting workers	17.47	12.9	699	12.9	36,329	12.9
Coating, painting, and spraying machine setters, operators, and tenders	15.50	7.1	620	7.1	32,248	7.1
Painters, transportation equipment	23.08	12.5	923	12.5	48,015	12.5

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
Production occupations –Continued						
Miscellaneous production workers	\$13.68	5.5%	\$541	5.7%	\$28,125	5.7%
Cementing and gluing machine operators and tenders	10.30	7.1	412	7.1	21,416	7.1
Molders, shapers, and casters, except metal and plastic	14.88	4.9	595	4.9	30,960	4.9
Paper goods machine setters, operators, and tenders	18.79	10.2	752	10.2	39,093	10.2
Helpers--production workers	10.99	4.3	433	4.3	22,470	4.3
Transportation and material moving occupations						
First-line supervisors/managers of helpers, laborers, and material movers, hand	14.76	3.6	592	3.4	30,481	3.4
First-line supervisors/managers of transportation and material-moving machine and vehicle operators	19.69	6.0	810	6.2	42,137	6.2
Aircraft pilots and flight engineers	22.77	5.7	923	5.8	47,912	5.8
Airline pilots, copilots, and flight engineers	123.34	10.7	2,475	5.0	128,700	5.0
Bus drivers	128.18	9.9	2,507	4.7	130,382	4.7
Bus drivers, transit and intercity	13.91	4.4	476	3.7	20,227	3.7
Bus drivers, school	13.11	12.6	524	12.6	27,267	12.6
Driver/sales workers and truck drivers	14.28	7.3	458	6.0	18,211	6.0
Driver/sales workers	16.18	3.7	675	3.7	35,034	3.7
Truck drivers, heavy and tractor-trailer	15.14	15.0	616	16.1	32,043	16.1
Truck drivers, light or delivery services	16.94	5.3	722	4.7	37,449	4.7
Taxi drivers and chauffeurs	14.78	5.2	592	5.2	30,781	5.2
Parking lot attendants	12.12	6.1	477	7.0	24,821	7.0
Crane and tower operators	7.52	7.5	301	7.5	15,640	7.5
Dredge, excavating, and loading machine operators	21.11	8.2	842	8.3	43,344	8.3
Excavating and loading machine and dragline operators	16.03	6.7	641	6.7	33,218	6.7
Industrial truck and tractor operators	16.03	6.7	641	6.7	33,207	6.7
Laborers and material movers, hand	14.41	3.1	577	3.0	29,992	3.0
Cleaners of vehicles and equipment	10.87	2.0	433	2.0	22,503	2.0
Laborers and freight, stock, and material movers, hand	9.60	6.9	383	7.1	19,903	7.1
	11.35	2.8	452	2.9	23,505	2.9

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						
Machine feeders and offbearers	\$10.93	4.6%	\$437	4.6%	\$22,738	4.6%
Packers and packagers, hand	9.73	3.3	386	3.9	20,027	3.9
Refuse and recyclable material collectors	13.58	2.2	543	2.2	28,238	2.2

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	\$19.63	2.9%	\$780	2.9%	\$40,421	2.9%
Management occupations	38.23	2.1	1,566	2.7	81,375	2.7
Chief executives	68.06	30.9	3,253	24.8	169,135	24.8
General and operations managers	42.76	7.7	1,824	9.1	94,857	9.1
Advertising and promotions managers	32.43	16.1	1,293	14.0	67,258	14.0
Marketing and sales managers	41.65	5.7	1,716	6.3	89,243	6.3
Marketing managers	45.70	9.4	1,815	9.3	94,386	9.3
Sales managers	39.37	7.9	1,657	8.3	86,178	8.3
Public relations managers	49.80	27.6	1,982	27.1	103,087	27.1
Administrative services managers	28.35	8.1	1,180	7.4	61,341	7.4
Computer and information systems managers	48.03	5.7	1,966	6.3	102,231	6.3
Financial managers	36.99	4.2	1,491	4.0	77,547	4.0
Industrial production managers	32.35	10.1	1,347	8.6	70,024	8.6
Purchasing managers	47.78	23.2	1,968	22.4	102,317	22.4
Transportation, storage, and distribution managers	24.39	16.4	969	15.3	50,390	15.3
Construction managers	38.27	6.0	1,604	5.0	83,328	5.0
Education administrators	29.96	13.8	1,186	13.9	60,444	13.9
Education administrators, elementary and secondary school	35.48	4.0	1,347	9.1	68,645	9.1
Education administrators, postsecondary ..	38.32	13.8	1,528	13.3	77,730	13.3
Engineering managers	52.65	7.2	2,172	7.4	112,942	7.4
Food service managers	18.22	6.5	842	7.9	43,404	7.9
Lodging managers	17.55	12.6	805	9.4	41,883	9.4
Medical and health services managers	35.08	3.0	1,432	2.8	74,445	2.8
Property, real estate, and community association managers	27.85	9.4	1,132	9.8	58,854	9.8
Social and community service managers	32.58	5.8	1,295	6.2	67,365	6.2
Business and financial operations occupations	31.68	2.6	1,282	2.5	66,646	2.5
Buyers and purchasing agents	25.97	7.7	1,043	7.9	54,238	7.9
Wholesale and retail buyers, except farm products	23.38	7.5	944	8.0	49,075	8.0
Purchasing agents, except wholesale, retail, and farm products	27.74	8.6	1,111	9.0	57,749	9.0
Claims adjusters, appraisers, examiners, and investigators	26.71	7.8	1,055	7.7	54,883	7.7
Claims adjusters, examiners, and investigators	26.43	8.5	1,045	8.5	54,314	8.5
Cost estimators	33.38	5.9	1,409	6.8	73,249	6.8
Human resources, training, and labor relations specialists	31.96	6.9	1,286	7.0	66,898	7.0

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
Business and financial operations occupations –Continued						
Employment, recruitment, and placement specialists	\$39.81	11.0%	\$1,592	11.0%	\$82,797	11.0%
Compensation, benefits, and job analysis specialists	36.80	10.0	1,464	11.8	76,106	11.8
Training and development specialists	29.53	8.6	1,203	6.2	62,561	6.2
Logisticians	32.95	12.0	1,318	12.0	68,536	12.0
Management analysts	37.67	8.2	1,507	8.2	78,386	8.2
Accountants and auditors	27.13	6.4	1,103	6.6	57,366	6.6
Budget analysts	38.11	7.4	1,599	8.7	83,125	8.7
Credit analysts	32.59	12.1	1,304	12.1	67,797	12.1
Financial analysts and advisors	36.06	14.1	1,476	14.7	76,734	14.7
Financial analysts	39.17	17.3	1,642	17.4	85,386	17.4
Personal financial advisors	34.37	17.3	1,375	17.3	71,486	17.3
Insurance underwriters	26.97	17.5	1,042	17.7	54,159	17.7
Financial examiners	32.35	9.3	1,296	9.4	67,385	9.4
Loan counselors and officers	26.15	6.9	1,049	7.6	54,565	7.6
Loan officers	26.51	7.3	1,067	7.9	55,483	7.9
Computer and mathematical science occupations						
Computer and information scientists, research	48.40	1.2	1,936	1.2	100,667	1.2
Computer programmers	34.66	6.4	1,427	5.8	74,197	5.8
Computer software engineers	41.67	2.8	1,668	2.9	86,731	2.9
Computer software engineers, applications	40.99	2.9	1,641	3.0	85,357	3.0
Computer software engineers, systems software	43.17	6.4	1,727	6.4	89,794	6.4
Computer support specialists	26.58	5.7	1,051	5.4	54,644	5.4
Computer systems analysts	40.46	4.4	1,618	4.4	84,124	4.4
Database administrators	35.02	20.8	1,401	20.8	72,849	20.8
Network and computer systems administrators	31.71	4.2	1,276	4.1	66,373	4.1
Network systems and data communications analysts	31.96	9.9	1,272	9.5	66,123	9.5
Operations research analysts	36.24	6.6	1,438	6.6	74,757	6.6
Architecture and engineering occupations						
Architects, except naval	37.35	9.3	1,512	8.8	78,629	8.8
Architects, except landscape and naval	37.35	9.3	1,512	8.8	78,629	8.8
Engineers	38.52	2.1	1,557	2.1	80,944	2.1
Aerospace engineers	35.01	9.3	1,400	9.3	72,813	9.3
Chemical engineers	43.48	5.2	1,739	5.2	90,430	5.2

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
Architecture and engineering occupations						
–Continued						
Civil engineers	\$36.22	4.6%	\$1,459	4.5%	\$75,889	4.5%
Computer hardware engineers	42.53	7.9	1,701	7.9	88,470	7.9
Electrical and electronics engineers	38.65	3.3	1,558	3.2	81,005	3.2
Electrical engineers	38.54	5.7	1,565	5.5	81,403	5.5
Electronics engineers, except computer	38.75	1.8	1,550	1.8	80,609	1.8
Industrial engineers, including health and safety	40.47	8.7	1,654	7.5	86,032	7.5
Industrial engineers	36.85	6.4	1,498	6.2	77,901	6.2
Mechanical engineers	34.82	4.9	1,436	5.5	74,527	5.5
Drafters	24.81	5.2	992	5.2	51,605	5.2
Architectural and civil drafters	27.03	9.3	1,081	9.3	56,216	9.3
Mechanical drafters	20.83	4.2	833	4.2	43,316	4.2
Engineering technicians, except drafters	24.39	3.5	976	3.5	50,774	3.5
Electrical and electronic engineering technicians	24.74	4.0	989	4.0	51,430	4.0
Mechanical engineering technicians	19.39	3.3	789	3.6	41,024	3.6
Life, physical, and social science occupations	29.61	3.4	1,182	4.0	61,437	4.0
Life scientists	33.08	7.2	1,239	9.7	64,424	9.7
Biological scientists	32.39	13.6	1,142	9.3	59,367	9.3
Medical scientists	33.21	10.7	1,322	10.2	68,763	10.2
Physical scientists	36.94	16.3	1,593	14.3	82,851	14.3
Chemists and materials scientists	42.44	27.3	1,736	29.0	90,265	29.0
Chemists	42.44	27.3	1,736	29.0	90,265	29.0
Economists	26.74	19.5	1,198	15.6	62,294	15.6
Market and survey researchers	29.83	12.3	1,180	13.4	61,344	13.4
Market research analysts	29.83	12.3	1,180	13.4	61,344	13.4
Biological technicians	21.05	5.9	837	5.8	43,520	5.8
Chemical technicians	20.39	6.6	815	6.6	42,254	6.6
Miscellaneous life, physical, and social science technicians	22.62	10.5	913	9.4	47,476	9.4
Community and social services occupations	15.89	3.7	614	3.9	31,881	3.9
Counselors	16.57	6.4	650	6.9	33,693	6.9
Substance abuse and behavioral disorder counselors	16.76	7.4	672	8.0	34,964	8.0
Educational, vocational, and school counselors	17.41	11.4	676	9.7	34,869	9.7
Social workers	17.95	6.4	705	6.2	36,666	6.2
Child, family, and school social workers ..	15.72	5.0	606	4.4	31,458	4.4
Medical and public health social workers	20.69	7.6	822	7.1	42,747	7.1

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
Community and social services occupations						
–Continued						
Mental health and substance abuse social workers	\$18.48	6.3%	\$739	6.3%	\$38,441	6.3%
Miscellaneous community and social service specialists	12.33	9.1	463	7.3	24,065	7.3
Social and human service assistants	11.10	9.5	437	10.0	22,700	10.0
Legal occupations	36.02	10.1	1,446	10.1	75,208	10.1
Lawyers	54.05	5.3	2,208	5.2	114,792	5.2
Paralegals and legal assistants	22.83	6.3	905	6.8	47,072	6.8
Miscellaneous legal support workers	21.01	6.8	833	6.9	43,296	6.9
Education, training, and library occupations	23.91	6.5	941	6.6	42,595	6.6
Postsecondary teachers	34.45	12.1	1,374	12.0	63,083	12.0
Business teachers, postsecondary	46.99	13.9	1,858	11.6	71,510	11.6
Math and computer teachers, postsecondary	36.79	21.5	1,447	20.3	68,756	20.3
Computer science teachers, postsecondary	37.81	24.8	1,484	23.3	73,490	23.3
Life sciences teachers, postsecondary	43.21	11.6	1,781	9.4	80,893	9.4
Biological science teachers, postsecondary	43.21	11.6	1,781	9.4	80,893	9.4
Social sciences teachers, postsecondary	44.14	8.9	1,700	9.2	74,321	9.2
Psychology teachers, postsecondary	48.19	6.3	1,841	10.4	73,031	10.4
Health teachers, postsecondary	40.91	25.4	1,603	24.0	71,112	24.0
Arts, communications, and humanities teachers, postsecondary	37.30	10.5	1,503	9.5	59,892	9.5
Art, drama, and music teachers, postsecondary	29.13	12.3	1,176	12.4	51,221	12.4
English language and literature teachers, postsecondary	35.57	9.2	1,481	14.5	57,652	14.5
History teachers, postsecondary	30.57	2.5	1,305	6.4	51,436	6.4
Philosophy and religion teachers, postsecondary	42.19	20.7	1,723	14.8	67,195	14.8
Primary, secondary, and special education school teachers	22.82	9.9	887	10.1	36,710	10.1
Preschool and kindergarten teachers	11.51	5.3	447	7.2	22,673	7.2
Preschool teachers, except special education	11.50	5.4	448	7.2	22,749	7.2
Elementary and middle school teachers	25.62	6.7	990	6.9	38,017	6.9
Elementary school teachers, except special education	24.17	6.6	939	6.9	36,018	6.9

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						
Middle school teachers, except special and vocational education	\$29.15	4.9%	\$1,112	5.4%	\$42,777	5.4%
Secondary school teachers	29.75	4.1	1,165	2.9	44,552	2.9
Secondary school teachers, except special and vocational education	29.75	4.1	1,165	2.9	44,552	2.9
Other teachers and instructors	18.75	21.7	782	16.5	37,433	16.5
Librarians	25.85	4.0	991	4.8	44,508	4.8
Teacher assistants	9.97	3.7	380	4.5	19,513	4.5
Arts, design, entertainment, sports, and media occupations						
Designers	26.32	5.4	1,042	5.2	54,084	5.2
Graphic designers	19.90	4.7	800	4.9	41,604	4.9
Interior designers	19.87	5.6	799	5.6	41,565	5.6
Actors, producers, and directors	21.02	13.0	849	13.1	44,170	13.1
Producers and directors	30.65	19.1	1,214	19.7	63,150	19.7
Athletes, coaches, umpires, and related workers	30.65	19.1	1,214	19.7	63,150	19.7
Coaches and scouts	28.28	11.3	1,059	14.3	54,467	14.3
News analysts, reporters and correspondents	25.58	17.0	926	20.8	47,418	20.8
Reporters and correspondents	32.43	10.1	1,264	9.7	65,716	9.7
Public relations specialists	32.43	10.1	1,264	9.7	65,716	9.7
Writers and editors	27.27	8.7	1,086	8.5	56,491	8.5
Editors	33.83	15.6	1,329	14.5	69,114	14.5
Technical writers	26.35	8.0	1,031	7.5	53,613	7.5
	38.32	24.4	1,551	24.0	80,633	24.0
Healthcare practitioner and technical occupations						
Pharmacists	33.99	17.9	1,333	18.2	69,318	18.2
Physicians and surgeons	48.84	4.2	1,920	4.4	99,865	4.4
Registered nurses	150.55	24.3	6,085	23.8	316,408	23.8
Therapists	27.84	2.1	1,085	2.2	56,375	2.2
Occupational therapists	25.71	5.4	1,021	5.5	53,071	5.5
Physical therapists	28.79	4.4	1,145	4.7	59,532	4.7
Respiratory therapists	31.78	1.6	1,271	1.6	66,103	1.6
Speech-language pathologists	23.59	2.4	928	2.7	48,250	2.7
Clinical laboratory technologists and technicians	26.59	2.5	1,056	2.9	54,927	2.9
Medical and clinical laboratory technologists	18.76	2.5	755	4.0	39,280	4.0
Medical and clinical laboratory technicians	21.33	7.0	879	4.6	45,725	4.6
	15.56	1.7	609	2.0	31,656	2.0

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
Healthcare practitioner and technical occupations –Continued						
Dental hygienists	\$31.04	8.9%	\$1,064	5.6%	\$55,307	5.6%
Diagnostic related technologists and technicians	24.73	4.5	989	4.5	51,417	4.5
Cardiovascular technologists and technicians	21.76	12.2	870	12.2	45,256	12.2
Radiologic technologists and technicians ..	24.16	5.6	966	5.6	50,254	5.6
Health diagnosing and treating practitioner support technicians	15.88	9.9	631	9.6	32,829	9.6
Pharmacy technicians	12.81	5.8	512	5.7	26,609	5.7
Surgical technologists	19.51	8.3	773	8.3	40,213	8.3
Licensed practical and licensed vocational nurses	17.93	1.9	691	2.0	35,952	2.0
Medical records and health information technicians	17.15	6.8	664	7.9	34,545	7.9
Miscellaneous health technologists and technicians	19.19	8.9	768	8.9	39,916	8.9
Healthcare support occupations	12.08	2.4	467	2.7	24,274	2.7
Nursing, psychiatric, and home health aides	10.28	1.3	395	1.5	20,516	1.5
Home health aides	9.40	4.1	346	2.9	18,010	2.9
Nursing aides, orderlies, and attendants	10.49	1.5	405	1.4	21,082	1.4
Physical therapist assistants and aides	21.38	11.8	841	10.0	43,753	10.0
Physical therapist assistants	22.06	13.6	863	11.7	44,892	11.7
Miscellaneous healthcare support occupations	13.24	3.0	514	3.4	26,720	3.4
Dental assistants	17.43	5.0	637	5.8	33,105	5.8
Medical assistants	12.84	2.4	505	3.0	26,266	3.0
Medical equipment preparers	11.99	7.8	480	7.8	24,936	7.8
Medical transcriptionists	14.00	2.1	546	4.8	28,416	4.8
Pharmacy aides	10.92	6.4	393	4.5	20,432	4.5
Protective service occupations	11.50	3.5	451	4.3	22,224	4.3
Security guards and gaming surveillance officers	10.63	3.7	413	3.8	21,434	3.8
Security guards	10.60	3.8	412	3.8	21,389	3.8
Miscellaneous protective service workers	13.41	24.2	521	22.0	11,763	22.0
Food preparation and serving related occupations	8.65	3.6	330	4.1	17,129	4.1
First-line supervisors/managers, food preparation and serving workers	13.86	5.5	581	5.8	30,169	5.8
Chefs and head cooks	15.61	13.2	651	13.5	33,528	13.5

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
Food preparation and serving related occupations –Continued						
First-line supervisors/managers of food preparation and serving workers	\$13.60	5.7%	\$570	5.8%	\$29,659	5.8%
Cooks	9.89	2.7	378	3.2	19,634	3.2
Cooks, fast food	8.46	6.7	329	10.2	17,102	10.2
Cooks, institution and cafeteria	11.12	2.6	427	4.0	22,190	4.0
Cooks, restaurant	10.15	3.4	389	2.8	20,196	2.8
Cooks, short order	9.00	6.4	334	9.8	17,371	9.8
Food preparation workers	9.29	3.7	365	3.9	18,965	3.9
Food service, tipped	4.82	12.1	173	14.5	9,009	14.5
Bartenders	6.49	19.7	237	26.1	12,293	26.1
Waiters and waitresses	3.72	4.6	131	5.8	6,824	5.8
Dining room and cafeteria attendants and bartender helpers	7.49	8.2	287	8.1	14,929	8.1
Fast food and counter workers	8.42	4.4	324	4.5	16,800	4.5
Combined food preparation and serving workers, including fast food	8.46	4.5	326	4.6	16,916	4.6
Counter attendants, cafeteria, food concession, and coffee shop	8.23	6.6	314	6.8	16,235	6.8
Food servers, nonrestaurant	8.12	2.1	319	3.2	16,591	3.2
Dishwashers	8.50	6.0	322	4.4	16,759	4.4
Hosts and hostesses, restaurant, lounge, and coffee shop	9.45	15.2	325	19.5	16,896	19.5
Building and grounds cleaning and maintenance occupations						
First-line supervisors/managers, building and grounds cleaning and maintenance workers	10.37	3.7	408	3.5	21,181	3.5
First-line supervisors/managers of housekeeping and janitorial workers ...	19.26	16.6	777	17.3	40,398	17.3
First-line supervisors/managers of landscaping, lawn service, and groundskeeping workers	14.61	9.1	578	7.8	30,030	7.8
Building cleaning workers	25.85	15.1	1,074	15.6	55,845	15.6
Janitors and cleaners, except maids and housekeeping cleaners	9.60	3.1	376	2.6	19,545	2.6
Maids and housekeeping cleaners	9.84	4.4	389	3.9	20,222	3.9
Grounds maintenance workers	9.09	2.5	349	2.2	18,133	2.2
Landscaping and groundskeeping workers	10.47	3.8	416	3.7	21,482	3.7
Personal care and service occupations	10.21	4.0	406	3.9	20,929	3.9
Personal care and service occupations	13.17	5.3	485	4.9	25,126	4.9

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
Personal care and service occupations						
–Continued						
First-line supervisors/managers of personal service workers	\$15.76	7.0%	\$685	8.7%	\$35,603	8.7%
Miscellaneous entertainment attendants and related workers	11.67	5.0	467	7.0	23,886	7.0
Amusement and recreation attendants	11.54	6.7	457	8.0	23,073	8.0
Barbers and cosmetologists	17.56	6.0	633	7.8	32,907	7.8
Hairdressers, hairstylists, and cosmetologists	17.56	6.0	633	7.8	32,907	7.8
Baggage porters, bellhops, and concierges	10.24	10.0	396	11.1	20,582	11.1
Baggage porters and bellhops	7.87	19.3	296	22.4	15,414	22.4
Transportation attendants	41.15	2.4	806	2.6	41,920	2.6
Flight attendants	42.04	1.2	814	2.5	42,305	2.5
Child care workers	8.43	3.0	334	3.1	17,308	3.1
Personal and home care aides	10.17	2.0	406	1.9	21,138	1.9
Recreation and fitness workers	11.94	9.1	474	8.7	24,657	8.7
Recreation workers	11.51	11.6	456	11.0	23,725	11.0
Sales and related occupations	17.75	3.9	708	4.0	36,615	4.0
First-line supervisors/managers, sales workers	19.45	5.9	812	6.1	42,227	6.1
First-line supervisors/managers of retail sales workers	17.24	6.6	720	6.7	37,459	6.7
First-line supervisors/managers of non-retail sales workers	28.47	9.2	1,184	9.2	61,557	9.2
Retail sales workers	11.65	3.6	460	3.7	23,726	3.7
Cashiers, all workers	9.36	2.4	364	2.2	18,943	2.2
Cashiers	9.34	2.4	364	2.2	18,909	2.2
Counter and rental clerks and parts salespersons	12.60	4.5	503	4.6	26,137	4.6
Counter and rental clerks	10.21	4.7	401	5.2	20,832	5.2
Parts salespersons	15.82	3.4	646	4.0	33,602	4.0
Retail salespersons	13.22	4.1	527	4.5	26,960	4.5
Advertising sales agents	17.91	22.3	710	21.6	36,902	21.6
Insurance sales agents	26.74	16.9	1,020	16.1	53,063	16.1
Securities, commodities, and financial services sales agents	58.24	31.0	2,365	29.5	122,961	29.5
Sales representatives, wholesale and manufacturing	29.71	3.9	1,194	3.6	61,906	3.6
Sales representatives, wholesale and manufacturing, technical and scientific products	32.90	11.0	1,321	11.0	68,700	11.0

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
Sales and related occupations –Continued						
Sales representatives, wholesale and manufacturing, except technical and scientific products	\$28.68	5.2%	\$1,152	4.8%	\$59,714	4.8%
Sales engineers	27.64	10.3	1,130	8.6	58,743	8.6
Telemarketers	14.87	9.0	583	9.4	30,301	9.4
Miscellaneous sales and related workers	17.19	9.1	678	8.8	34,225	8.8
Office and administrative support occupations						
First-line supervisors/managers of office and administrative support workers	14.94	1.3	594	1.2	30,834	1.2
Switchboard operators, including answering service	20.98	3.5	842	3.5	43,783	3.5
Telephone operators	10.80	5.3	428	5.3	22,242	5.3
Financial clerks	11.30	2.3	452	2.3	23,493	2.3
Bill and account collectors	14.40	2.0	573	2.0	29,801	2.0
Billing and posting clerks and machine operators	15.14	4.4	605	4.4	31,482	4.4
Bookkeeping, accounting, and auditing clerks	13.34	6.7	531	6.5	27,637	6.5
Payroll and timekeeping clerks	15.25	1.8	605	1.9	31,457	1.9
Procurement clerks	18.44	4.9	738	4.9	38,356	4.9
Tellers	16.99	7.8	680	7.8	35,344	7.8
Brokerage clerks	11.96	1.8	478	1.9	24,848	1.9
Credit authorizers, checkers, and clerks	15.68	11.0	618	8.3	32,114	8.3
Customer service representatives	15.53	7.3	621	7.3	32,303	7.3
File clerks	14.81	3.8	591	3.7	30,504	3.7
Hotel, motel, and resort desk clerks	11.07	6.3	441	6.2	22,919	6.2
Interviewers, except eligibility and loan	9.59	3.0	382	3.0	19,878	3.0
Library assistants, clerical	12.61	17.4	489	20.4	25,437	20.4
Loan interviewers and clerks	12.13	14.4	417	23.2	21,509	23.2
New accounts clerks	16.54	8.4	661	8.4	34,371	8.4
Order clerks	15.82	9.5	633	9.5	32,912	9.5
Human resources assistants, except payroll and timekeeping	13.96	6.9	558	6.9	28,992	6.9
Receptionists and information clerks	15.30	3.3	604	3.0	31,390	3.0
Reservation and transportation ticket agents and travel clerks	12.20	2.4	479	2.0	24,904	2.0
Dispatchers	14.56	3.7	582	3.7	30,282	3.7
Dispatchers, except police, fire, and ambulance	16.43	8.5	667	8.8	34,703	8.8
Meter readers, utilities	16.43	8.5	667	8.8	34,703	8.8
Production, planning, and expediting clerks	14.89	5.4	596	5.4	30,979	5.4
	18.67	7.9	751	7.8	39,040	7.8

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
Office and administrative support occupations –Continued						
Shipping, receiving, and traffic clerks	\$12.74	3.5%	\$509	3.5%	\$26,467	3.5%
Stock clerks and order fillers	11.62	3.0	467	3.4	24,283	3.4
Weighers, measurers, checkers, and samplers, recordkeeping	13.69	13.8	548	13.8	28,478	13.8
Secretaries and administrative assistants	17.34	2.8	685	2.8	35,600	2.8
Executive secretaries and administrative assistants	21.13	5.1	837	5.0	43,531	5.0
Legal secretaries	17.58	10.7	690	9.6	35,868	9.6
Medical secretaries	13.63	2.8	533	2.6	27,727	2.6
Secretaries, except legal, medical, and executive	15.71	1.7	624	1.9	32,449	1.9
Computer operators	16.26	6.2	650	6.2	33,817	6.2
Data entry and information processing workers	14.01	4.3	555	4.2	28,867	4.2
Data entry keyers	13.74	4.1	544	4.1	28,303	4.1
Word processors and typists	16.52	7.4	656	6.7	34,089	6.7
Desktop publishers	15.28	7.5	611	7.5	31,783	7.5
Insurance claims and policy processing clerks	15.07	5.1	594	5.2	30,883	5.2
Mail clerks and mail machine operators, except postal service	12.61	6.2	494	5.4	25,698	5.4
Office clerks, general	14.40	2.2	567	2.2	29,482	2.2
Office machine operators, except computer ..	11.92	3.6	477	3.6	24,795	3.6
Farming, fishing, and forestry occupations ..	10.31	16.7	408	16.0	21,225	16.0
Construction and extraction occupations	16.26	2.0	650	2.1	33,654	2.1
First-line supervisors/managers of construction trades and extraction workers	23.13	4.1	945	4.8	49,157	4.8
Brickmasons, blockmasons, and stonemasons	18.17	10.2	727	10.2	37,596	10.2
Brickmasons and blockmasons	19.29	7.7	772	7.7	39,884	7.7
Carpenters	18.15	5.3	714	5.6	37,049	5.6
Cement masons, concrete finishers, and terrazzo workers	16.14	5.5	646	5.5	33,531	5.5
Cement masons and concrete finishers	16.14	5.5	646	5.5	33,531	5.5
Construction laborers	11.71	4.7	468	4.7	24,339	4.7
Construction equipment operators	15.10	2.3	604	2.3	31,095	2.3
Paving, surfacing, and tamping equipment operators	13.26	4.4	530	4.4	26,654	4.4

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						
Operating engineers and other construction equipment operators	\$15.88	4.1%	\$635	4.1%	\$33,020	4.1%
Drywall installers, ceiling tile installers, and tapers	17.43	5.5	695	5.5	36,131	5.5
Drywall and ceiling tile installers	17.40	8.1	692	8.0	36,006	8.0
Electricians	19.37	5.8	775	5.8	40,264	5.8
Insulation workers	14.38	7.8	575	7.8	29,913	7.8
Painters and paperhangers	12.53	3.2	501	3.2	25,191	3.2
Painters, construction and maintenance	12.53	3.2	501	3.2	25,191	3.2
Pipelayers, plumbers, pipefitters, and steamfitters	17.74	3.0	710	3.0	36,890	3.0
Plumbers, pipefitters, and steamfitters	18.17	3.4	727	3.4	37,790	3.4
Roofers	13.36	10.0	535	10.0	27,689	10.0
Sheet metal workers	18.04	7.4	721	7.4	37,518	7.4
Helpers, construction trades	11.43	1.4	455	1.5	23,465	1.5
Helpers--carpenters	12.87	5.4	515	5.4	26,759	5.4
Helpers--electricians	11.67	3.2	467	3.2	24,230	3.2
Helpers--pipelayers, plumbers, pipefitters, and steamfitters	12.70	3.8	508	3.8	26,422	3.8
Miscellaneous construction and related workers	13.91	9.2	556	9.2	28,904	9.2
Installation, maintenance, and repair occupations						
First-line supervisors/managers of mechanics, installers, and repairers	19.47	2.1	782	2.1	40,676	2.1
Computer, automated teller, and office machine repairers	28.46	3.6	1,163	3.4	60,475	3.4
Radio and telecommunications equipment installers and repairers	17.81	5.3	709	5.5	36,883	5.5
Telecommunications equipment installers and repairers, except line installers	27.35	2.0	1,094	2.0	56,888	2.0
Miscellaneous electrical and electronic equipment mechanics, installers, and repairers	27.35	2.0	1,094	2.0	56,888	2.0
Electrical and electronics repairers, commercial and industrial equipment	18.39	5.0	735	5.0	38,236	5.0
Electrical and electronics repairers, powerhouse, substation, and relay	19.56	8.2	782	8.2	40,671	8.2
Aircraft mechanics and service technicians ..	22.48	17.1	896	17.1	46,595	17.1
Automotive technicians and repairers	25.65	8.4	1,026	8.4	53,359	8.4
Automotive body and related repairers	17.83	4.1	728	4.2	37,831	4.2
Automotive body and related repairers	18.08	13.0	723	13.0	37,615	13.0

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
Installation, maintenance, and repair occupations –Continued						
Automotive service technicians and mechanics	\$17.75	4.0%	\$730	4.3%	\$37,971	4.3%
Bus and truck mechanics and diesel engine specialists	17.35	6.0	697	6.1	36,221	6.1
Heavy vehicle and mobile equipment service technicians and mechanics	19.60	4.4	784	4.5	40,750	4.5
Mobile heavy equipment mechanics, except engines	19.56	4.8	782	4.8	40,670	4.8
Small engine mechanics	13.48	15.9	524	12.8	27,227	12.8
Control and valve installers and repairers	17.00	11.2	679	11.2	35,321	11.2
Heating, air conditioning, and refrigeration mechanics and installers	18.42	8.3	737	8.3	38,312	8.3
Home appliance repairers	14.64	4.1	644	9.1	33,476	9.1
Industrial machinery installation, repair, and maintenance workers	18.88	3.5	753	3.3	39,140	3.3
Industrial machinery mechanics	21.05	5.2	834	5.1	43,294	5.1
Maintenance and repair workers, general ..	16.47	6.9	657	6.9	34,164	6.9
Maintenance workers, machinery	18.31	4.4	748	4.2	38,888	4.2
Millwrights	21.94	6.3	878	6.3	45,631	6.3
Line installers and repairers	23.74	4.1	950	4.1	49,389	4.1
Electrical power-line installers and repairers	22.49	8.0	899	8.0	46,771	8.0
Telecommunications line installers and repairers	24.66	3.3	986	3.3	51,290	3.3
Precision instrument and equipment repairers	17.41	7.6	697	7.6	36,218	7.6
Miscellaneous installation, maintenance, and repair workers	13.58	4.0	543	4.2	28,218	4.2
Helpers--installation, maintenance, and repair workers	11.89	5.1	475	5.3	24,680	5.3
Production occupations	14.56	3.0	579	3.1	30,071	3.1
First-line supervisors/managers of production and operating workers	22.70	2.6	922	2.6	47,951	2.6
Electrical, electronics, and electromechanical assemblers	12.57	5.3	498	5.9	25,914	5.9
Electrical and electronic equipment assemblers	12.28	6.8	491	6.8	25,540	6.8
Electromechanical equipment assemblers	13.46	6.8	539	6.8	28,003	6.8
Engine and other machine assemblers	16.13	19.9	645	19.9	33,545	19.9
Structural metal fabricators and fitters	13.84	11.2	554	11.2	28,798	11.2
Miscellaneous assemblers and fabricators	13.71	4.1	546	4.2	28,389	4.2

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
Production occupations –Continued						
Team assemblers	\$15.09	15.5%	\$604	15.5%	\$31,387	15.5%
Bakers	10.70	5.0	422	5.8	21,955	5.8
Butchers and other meat, poultry, and fish processing workers	10.82	5.0	433	5.0	22,504	5.0
Butchers and meat cutters	12.56	12.1	502	12.1	26,126	12.1
Meat, poultry, and fish cutters and trimmers	9.70	2.1	388	2.1	20,177	2.1
Miscellaneous food processing workers	10.47	12.9	425	13.9	22,081	13.9
Food batchmakers	14.00	1.0	588	2.3	30,564	2.3
Computer control programmers and operators	16.67	8.1	667	8.1	34,673	8.1
Computer-controlled machine tool operators, metal and plastic	15.96	6.3	638	6.3	33,190	6.3
Forming machine setters, operators, and tenders, metal and plastic	16.91	11.7	652	11.7	33,853	11.7
Extruding and drawing machine setters, operators, and tenders, metal and plastic	14.98	6.1	574	4.1	29,843	4.1
Machine tool cutting setters, operators, and tenders, metal and plastic	12.39	8.6	494	8.5	25,670	8.5
Cutting, punching, and press machine setters, operators, and tenders, metal and plastic	11.46	10.2	458	10.2	23,831	10.2
Grinding, lapping, polishing, and buffing machine tool setters, operators, and tenders, metal and plastic	12.74	7.4	504	7.5	26,213	7.5
Lathe and turning machine tool setters, operators, and tenders, metal and plastic	15.25	11.0	607	11.0	31,583	11.0
Machinists	19.35	4.5	774	4.5	40,245	4.5
Molders and molding machine setters, operators, and tenders, metal and plastic	12.36	8.7	494	8.7	25,701	8.7
Molding, coremaking, and casting machine setters, operators, and tenders, metal and plastic	12.33	8.7	493	8.7	25,653	8.7
Multiple machine tool setters, operators, and tenders, metal and plastic	16.36	5.3	654	5.3	34,020	5.3
Tool and die makers	21.36	6.4	854	6.4	44,420	6.4
Welding, soldering, and brazing workers	18.11	4.4	718	4.5	37,283	4.5
Welders, cutters, solderers, and brazers	18.63	4.6	744	4.7	38,670	4.7
Welding, soldering, and brazing machine setters, operators, and tenders	15.57	5.4	598	5.3	30,817	5.3

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
Production occupations –Continued						
Miscellaneous metalworkers and plastic workers	\$15.90	15.6%	\$648	15.7%	\$33,646	15.7%
Heat treating equipment setters, operators, and tenders, metal and plastic	11.83	29.6	472	29.6	24,547	29.6
Plating and coating machine setters, operators, and tenders, metal and plastic	15.44	29.1	619	29.5	32,143	29.5
Bookbinders and bindery workers	13.54	7.9	533	7.2	27,701	7.2
Bindery workers	13.54	7.9	533	7.2	27,701	7.2
Printers	16.29	2.6	645	3.0	33,519	3.0
Prepress technicians and workers	20.00	10.0	785	9.1	40,809	9.1
Printing machine operators	15.89	2.9	630	3.3	32,715	3.3
Laundry and dry-cleaning workers	10.86	8.6	421	8.4	21,901	8.4
Pressers, textile, garment, and related materials	8.06	7.2	301	5.7	15,634	5.7
Sewing machine operators	12.01	10.9	474	11.7	24,661	11.7
Textile machine setters, operators, and tenders	11.73	6.2	466	6.5	24,199	6.5
Textile bleaching and dyeing machine operators and tenders	11.98	8.5	479	8.5	24,911	8.5
Textile cutting machine setters, operators, and tenders	10.19	18.5	396	20.1	20,593	20.1
Textile knitting and weaving machine setters, operators, and tenders	11.80	5.2	472	5.2	24,539	5.2
Textile winding, twisting, and drawing out machine setters, operators, and tenders	12.08	7.2	479	7.6	24,890	7.6
Miscellaneous textile, apparel, and furnishings workers	14.54	8.4	576	8.8	29,883	8.8
Extruding and forming machine setters, operators, and tenders, synthetic and glass fibers	16.26	12.1	640	12.8	33,271	12.8
Upholsterers	16.76	15.1	667	15.4	34,673	15.4
Woodworking machine setters, operators, and tenders	13.65	2.8	545	2.9	28,322	2.9
Sawing machine setters, operators, and tenders, wood	12.38	3.0	493	2.9	25,615	2.9
Woodworking machine setters, operators, and tenders, except sawing	14.31	3.8	572	3.8	29,728	3.8
Power plant operators, distributors, and dispatchers	26.97	21.6	1,079	21.6	56,088	21.6
Power plant operators	21.34	16.1	854	16.1	44,394	16.1
Water and liquid waste treatment plant and system operators	20.88	19.4	835	19.4	43,428	19.4

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						
Miscellaneous plant and system operators	\$20.75	7.1%	\$825	6.8%	\$42,916	6.8%
Chemical plant and system operators	20.68	10.4	821	10.0	42,668	10.0
Chemical processing machine setters, operators, and tenders	19.58	11.4	783	11.4	40,719	11.4
Chemical equipment operators and tenders	19.92	12.9	797	12.9	41,428	12.9
Crushing, grinding, polishing, mixing, and blending workers	15.50	11.4	613	11.2	31,850	11.2
Crushing, grinding, and polishing machine setters, operators, and tenders	19.14	23.1	765	23.1	39,804	23.1
Grinding and polishing workers, hand	11.51	4.3	460	4.3	23,931	4.3
Mixing and blending machine setters, operators, and tenders	16.34	10.9	642	10.5	33,359	10.5
Cutting workers	13.78	8.4	551	8.4	28,656	8.4
Cutters and trimmers, hand	15.89	8.5	635	8.5	33,044	8.5
Cutting and slicing machine setters, operators, and tenders	12.94	8.7	518	8.7	26,911	8.7
Extruding, forming, pressing, and compacting machine setters, operators, and tenders	13.09	31.2	520	30.2	27,021	30.2
Furnace, kiln, oven, drier, and kettle operators and tenders	18.07	13.6	723	13.6	37,583	13.6
Inspectors, testers, sorters, samplers, and weighers	13.29	7.0	532	7.3	27,687	7.3
Medical, dental, and ophthalmic laboratory technicians	16.71	11.2	654	12.3	34,016	12.3
Dental laboratory technicians	18.65	8.0	725	10.7	37,680	10.7
Packaging and filling machine operators and tenders	13.94	8.7	554	8.9	28,831	8.9
Painting workers	17.47	12.9	699	12.9	36,329	12.9
Coating, painting, and spraying machine setters, operators, and tenders	15.50	7.1	620	7.1	32,248	7.1
Painters, transportation equipment	23.08	12.5	923	12.5	48,015	12.5
Miscellaneous production workers	13.68	5.5	541	5.7	28,127	5.7
Cementing and gluing machine operators and tenders	10.30	7.1	412	7.1	21,416	7.1
Molders, shapers, and casters, except metal and plastic	14.88	4.9	595	4.9	30,960	4.9
Paper goods machine setters, operators, and tenders	18.79	10.2	752	10.2	39,093	10.2
Helpers--production workers	10.98	4.3	433	4.3	22,468	4.3
Transportation and material moving occupations	14.72	3.7	594	3.6	30,833	3.6

See footnotes at end of table.

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						
First-line supervisors/managers of helpers, laborers, and material movers, hand	\$19.57	6.3%	\$806	6.5%	\$41,919	6.5%
First-line supervisors/managers of transportation and material-moving machine and vehicle operators	23.16	5.6	944	5.6	49,064	5.6
Aircraft pilots and flight engineers	128.18	9.9	2,507	4.7	130,382	4.7
Airline pilots, copilots, and flight engineers	128.18	9.9	2,507	4.7	130,382	4.7
Bus drivers	10.92	11.1	426	12.6	22,159	12.6
Driver/sales workers and truck drivers	16.19	3.8	676	3.8	35,075	3.8
Driver/sales workers	15.14	15.0	616	16.1	32,043	16.1
Truck drivers, heavy and tractor-trailer	16.96	5.4	724	4.8	37,572	4.8
Truck drivers, light or delivery services	14.78	5.2	592	5.2	30,782	5.2
Parking lot attendants	7.52	7.5	301	7.5	15,640	7.5
Crane and tower operators	21.14	8.5	843	8.6	43,381	8.6
Dredge, excavating, and loading machine operators	15.95	7.3	638	7.3	33,028	7.3
Excavating and loading machine and dragline operators	15.94	7.4	638	7.4	33,015	7.4
Industrial truck and tractor operators	14.40	3.1	577	3.1	29,981	3.1
Laborers and material movers, hand	10.86	2.0	433	2.0	22,485	2.0
Cleaners of vehicles and equipment	9.60	7.0	382	7.1	19,887	7.1
Laborers and freight, stock, and material movers, hand	11.34	2.9	452	2.9	23,488	2.9
Machine feeders and offbearers	10.93	4.6	437	4.6	22,738	4.6
Packers and packagers, hand	9.73	3.3	386	3.9	20,027	3.9

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	\$22.28	1.0%	\$879	0.9%	\$41,942	0.9%
Management occupations	37.02	2.7	1,473	2.7	74,138	2.7
Chief executives	50.19	27.0	2,226	19.1	115,770	19.1
General and operations managers	36.33	8.6	1,486	10.0	77,260	10.0
Legislators	30.71	40.3	1,174	43.8	61,034	43.8
Administrative services managers	23.65	6.9	926	7.3	48,170	7.3
Computer and information systems managers	37.24	6.7	1,483	6.2	77,131	6.2
Financial managers	40.48	8.1	1,615	8.4	84,002	8.4
Human resources managers	32.50	10.2	1,285	10.0	63,182	10.0
Construction managers	32.84	9.3	1,317	9.3	68,473	9.3
Education administrators	39.22	5.6	1,539	5.6	73,481	5.6
Education administrators, elementary and secondary school	43.92	4.1	1,721	4.4	83,281	4.4
Education administrators, postsecondary ..	34.20	9.1	1,345	9.1	62,882	9.1
Medical and health services managers	46.87	17.1	1,905	18.8	99,081	18.8
Property, real estate, and community association managers	20.94	11.0	836	10.9	43,463	10.9
Social and community service managers	31.73	6.2	1,260	6.5	65,495	6.5
Business and financial operations occupations	22.13	3.5	883	3.5	45,825	3.5
Buyers and purchasing agents	25.08	8.6	1,003	8.6	52,158	8.6
Purchasing agents, except wholesale, retail, and farm products	25.08	8.6	1,003	8.6	52,158	8.6
Compliance officers, except agriculture, construction, health and safety, and transportation	19.44	9.9	775	9.8	40,290	9.8
Human resources, training, and labor relations specialists	22.54	5.3	900	5.3	46,800	5.3
Employment, recruitment, and placement specialists	18.44	6.7	736	6.7	38,290	6.7
Compensation, benefits, and job analysis specialists	25.14	9.1	997	8.6	51,837	8.6
Training and development specialists	23.97	9.3	966	9.1	50,213	9.1
Management analysts	23.24	6.2	930	6.2	48,336	6.2
Accountants and auditors	22.26	6.4	886	6.3	46,062	6.3
Appraisers and assessors of real estate	19.81	8.2	792	8.5	41,173	8.5
Budget analysts	26.40	4.7	1,056	4.7	54,694	4.7
Tax examiners, collectors, preparers, and revenue agents	15.52	4.1	618	3.9	32,150	3.9
Tax examiners, collectors, and revenue agents	15.62	4.0	622	3.8	32,344	3.8

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
Computer and mathematical science occupations	\$25.00	2.6%	\$994	2.3%	\$51,436	2.3%
Computer programmers	26.63	9.2	1,065	9.2	55,398	9.2
Computer software engineers	31.64	6.7	1,266	6.7	65,812	6.7
Computer support specialists	21.12	5.0	845	5.0	43,926	5.0
Computer systems analysts	26.06	8.7	1,023	7.5	52,950	7.5
Database administrators	26.36	13.4	1,044	13.1	54,277	13.1
Network and computer systems administrators	31.52	9.0	1,232	8.6	62,178	8.6
Network systems and data communications analysts	23.44	15.0	984	12.4	51,159	12.4
Architecture and engineering occupations	26.76	2.0	1,068	2.1	55,530	2.1
Engineers	29.56	4.5	1,180	4.7	61,337	4.7
Civil engineers	31.45	6.8	1,246	6.4	64,777	6.4
Environmental engineers	28.99	6.7	1,174	7.9	61,042	7.9
Engineering technicians, except drafters	21.93	7.2	877	7.2	45,605	7.2
Civil engineering technicians	19.81	5.8	792	5.8	41,205	5.8
Surveying and mapping technicians	20.44	10.9	809	11.1	42,086	11.1
Life, physical, and social science occupations	24.98	3.9	1,004	3.8	50,753	3.8
Life scientists	20.78	5.9	877	2.0	45,611	2.0
Physical scientists	25.34	4.8	1,039	5.7	53,269	5.7
Environmental scientists and geoscientists	24.94	5.3	1,046	7.7	53,047	7.7
Environmental scientists and specialists, including health	24.85	6.2	1,022	8.0	53,154	8.0
Psychologists	33.55	7.5	1,277	8.8	58,326	8.8
Clinical, counseling, and school psychologists	33.55	7.5	1,277	8.8	58,326	8.8
Urban and regional planners	25.99	8.5	1,038	8.3	53,964	8.3
Miscellaneous life, physical, and social science technicians	18.69	7.4	748	7.4	38,875	7.4
Community and social services occupations	21.98	3.3	862	3.3	42,489	3.3
Counselors	25.71	5.0	999	4.6	46,689	4.6
Educational, vocational, and school counselors	30.30	5.7	1,163	5.7	50,100	5.7
Mental health counselors	20.27	1.7	811	1.7	42,168	1.7
Rehabilitation counselors	20.81	7.9	821	8.3	42,712	8.3
Social workers	22.18	3.8	874	4.0	43,689	4.0
Child, family, and school social workers ..	26.54	6.0	1,056	6.1	49,432	6.1
Medical and public health social workers	19.91	7.6	777	6.4	40,401	6.4
Mental health and substance abuse social workers	19.88	4.8	774	4.4	40,266	4.4

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
Community and social services occupations						
–Continued						
Miscellaneous community and social service specialists	\$17.07	3.5%	\$673	3.8%	\$35,009	3.8%
Probation officers and correctional treatment specialists	18.38	3.3	734	3.3	38,190	3.3
Social and human service assistants	14.72	3.0	569	2.8	29,569	2.8
Legal occupations	30.52	7.4	1,235	8.1	64,211	8.1
Lawyers	35.14	4.8	1,440	5.4	74,887	5.4
Judges, magistrates, and other judicial workers	31.36	25.9	1,255	25.9	65,237	25.9
Paralegals and legal assistants	19.01	17.0	756	16.9	39,325	16.9
Education, training, and library occupations	29.37	1.7	1,117	1.7	45,362	1.7
Postsecondary teachers	40.62	2.5	1,655	3.0	71,266	3.0
Business teachers, postsecondary	49.92	6.2	2,017	6.5	82,650	6.5
Math and computer teachers, postsecondary	41.73	13.3	1,683	12.9	65,480	12.9
Mathematical science teachers, postsecondary	38.73	8.3	1,576	6.2	61,121	6.2
Life sciences teachers, postsecondary	43.92	8.7	1,734	9.0	74,369	9.0
Biological science teachers, postsecondary	43.11	9.6	1,699	9.9	71,335	9.9
Physical sciences teachers, postsecondary	44.23	11.8	1,769	11.8	72,936	11.8
Social sciences teachers, postsecondary	46.42	5.4	2,023	5.5	82,736	5.5
Health teachers, postsecondary	37.24	8.4	1,400	7.8	64,120	7.8
Nursing instructors and teachers, postsecondary	35.98	12.8	1,301	9.2	55,505	9.2
Education and library science teachers, postsecondary	35.61	11.5	1,580	11.3	68,969	11.3
Education teachers, postsecondary	35.61	11.5	1,580	11.3	68,969	11.3
Arts, communications, and humanities teachers, postsecondary	41.01	6.8	1,609	6.9	64,979	6.9
Miscellaneous postsecondary teachers	36.85	5.4	1,480	5.5	67,275	5.5
Primary, secondary, and special education school teachers	31.11	1.9	1,170	1.9	46,736	1.9
Preschool and kindergarten teachers	31.59	3.0	1,202	2.9	47,895	2.9
Preschool teachers, except special education	30.10	9.0	1,127	9.2	45,527	9.2
Kindergarten teachers, except special education	31.84	3.2	1,215	2.8	48,296	2.8
Elementary and middle school teachers	30.63	2.1	1,151	2.1	45,799	2.1

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	\$30.41	2.2%	\$1,141	2.1%	\$45,390	2.1%
Middle school teachers, except special and vocational education	31.56	2.8	1,194	3.0	47,554	3.0
Secondary school teachers	32.16	3.1	1,209	3.0	48,629	3.0
Secondary school teachers, except special and vocational education	32.38	3.4	1,217	3.4	48,500	3.4
Vocational education teachers, secondary school	30.66	2.8	1,154	2.5	49,577	2.5
Special education teachers	31.36	3.2	1,180	3.2	47,575	3.2
Special education teachers, preschool, kindergarten, and elementary school	32.62	3.7	1,226	2.7	49,555	2.7
Special education teachers, middle school	31.61	8.1	1,179	7.9	47,598	7.9
Special education teachers, secondary school	29.36	7.3	1,107	7.5	44,511	7.5
Other teachers and instructors	28.79	5.7	1,090	6.4	44,799	6.4
Librarians	31.02	6.5	1,180	5.6	54,515	5.6
Library technicians	14.09	3.6	555	3.1	28,837	3.1
Instructional coordinators	33.56	5.3	1,277	4.7	54,918	4.7
Teacher assistants	12.47	2.3	465	2.2	18,447	2.2
Arts, design, entertainment, sports, and media occupations	18.61	6.0	754	5.8	39,208	5.8
Public relations specialists	22.44	5.0	897	5.0	46,669	5.0
Healthcare practitioner and technical occupations	22.85	4.4	903	4.7	46,199	4.7
Dietitians and nutritionists	18.72	9.6	749	9.6	38,944	9.6
Registered nurses	28.05	5.7	1,074	6.0	54,465	6.0
Therapists	28.23	5.0	1,102	4.1	53,678	4.1
Speech-language pathologists	32.69	10.3	1,223	8.3	54,597	8.3
Diagnostic related technologists and technicians	24.40	4.1	945	5.6	49,149	5.6
Radiologic technologists and technicians ..	24.81	5.1	989	5.2	51,427	5.2
Emergency medical technicians and paramedics	14.12	6.9	663	5.5	34,481	5.5
Health diagnosing and treating practitioner support technicians	13.50	6.1	539	6.0	28,007	6.0
Pharmacy technicians	15.13	14.4	605	14.4	31,469	14.4
Psychiatric technicians	12.01	2.9	481	2.9	24,990	2.9

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
Healthcare practitioner and technical occupations –Continued						
Licensed practical and licensed vocational nurses	\$16.32	3.9%	\$645	3.7%	\$32,868	3.7%
Medical records and health information technicians	15.68	8.1	614	9.1	31,919	9.1
Occupational health and safety specialists and technicians	19.45	9.8	763	9.6	39,698	9.6
Occupational health and safety specialists	19.45	9.8	763	9.6	39,698	9.6
Healthcare support occupations	11.60	2.8	460	2.9	23,776	2.9
Nursing, psychiatric, and home health aides	10.80	1.9	426	2.2	22,178	2.2
Home health aides	10.56	9.9	422	9.9	21,955	9.9
Nursing aides, orderlies, and attendants	10.54	2.7	411	3.4	21,370	3.4
Miscellaneous healthcare support occupations	13.27	6.5	531	6.5	27,082	6.5
Medical assistants	12.62	6.8	505	6.8	26,253	6.8
Protective service occupations	20.21	2.3	856	2.6	44,384	2.6
First-line supervisors/managers, law enforcement workers	31.05	2.7	1,256	2.4	65,321	2.4
First-line supervisors/managers of correctional officers	21.25	14.5	886	13.3	46,059	13.3
First-line supervisors/managers of police and detectives	33.27	2.0	1,337	2.2	69,529	2.2
First-line supervisors/managers of fire fighting and prevention workers	25.33	8.6	1,246	8.5	64,788	8.5
Fire fighters	17.63	2.3	901	1.9	46,844	1.9
Bailiffs, correctional officers, and jailers	15.79	3.8	640	4.0	33,271	4.0
Correctional officers and jailers	15.80	3.8	640	4.0	33,298	4.0
Detectives and criminal investigators	21.71	7.2	888	6.5	46,174	6.5
Police officers	21.83	2.6	883	2.7	45,914	2.7
Police and sheriff's patrol officers	21.83	2.6	883	2.7	45,914	2.7
Security guards and gaming surveillance officers	12.89	2.6	511	2.5	25,974	2.5
Security guards	12.89	2.6	511	2.5	25,974	2.5
Miscellaneous protective service workers	15.73	7.0	603	8.5	27,201	8.5
Lifeguards, ski patrol, and other recreational protective service workers	16.47	11.3	659	11.3	23,984	11.3
Food preparation and serving related occupations	12.90	3.6	452	5.3	18,905	5.3
First-line supervisors/managers, food preparation and serving workers	16.71	8.1	634	6.6	26,715	6.6

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
Food preparation and serving related occupations –Continued						
First-line supervisors/managers of food preparation and serving workers	\$16.71	8.1%	\$634	6.6%	\$26,715	6.6%
Cooks	12.49	4.1	436	7.4	18,427	7.4
Cooks, institution and cafeteria	12.39	4.1	432	7.5	18,240	7.5
Food service, tipped	10.50	6.3	366	8.6	14,606	8.6
Dining room and cafeteria attendants and bartender helpers	10.50	6.3	366	8.6	14,606	8.6
Fast food and counter workers	10.32	6.6	310	7.2	12,084	7.2
Combined food preparation and serving workers, including fast food	10.66	4.6	317	9.8	12,463	9.8
Building and grounds cleaning and maintenance occupations						
First-line supervisors/managers, building and grounds cleaning and maintenance workers	12.38	3.3	490	3.3	25,015	3.3
First-line supervisors/managers of housekeeping and janitorial workers ...	16.95	6.4	678	6.4	35,013	6.4
First-line supervisors/managers of landscaping, lawn service, and groundskeeping workers	16.41	7.2	657	7.2	33,842	7.2
Building cleaning workers	18.85	2.3	754	2.3	39,207	2.3
Janitors and cleaners, except maids and housekeeping cleaners	11.29	1.8	445	1.7	22,520	1.7
Maids and housekeeping cleaners	11.39	1.9	448	1.7	22,609	1.7
Grounds maintenance workers	10.43	4.7	417	4.7	21,693	4.7
Landscaping and groundskeeping workers	13.78	7.4	551	7.4	28,609	7.4
Landscaping and groundskeeping workers	13.94	7.8	558	7.8	28,975	7.8
Personal care and service occupations						
First-line supervisors/managers of personal service workers	14.09	8.8	544	9.1	25,070	9.1
Child care workers	14.35	10.1	574	10.1	24,816	10.1
Recreation and fitness workers	12.50	7.4	477	8.6	23,349	8.6
Recreation workers	15.66	11.4	622	11.3	28,117	11.3
Recreation workers	15.94	12.3	633	12.2	28,141	12.2
Sales and related occupations						
Retail sales workers	17.13	8.9	685	8.9	35,625	8.9
Cashiers, all workers	13.65	5.3	546	5.3	28,394	5.3
Cashiers	13.79	5.5	551	5.5	28,676	5.5
Cashiers	13.79	5.5	551	5.5	28,676	5.5
Office and administrative support occupations						
Office and administrative support occupations	15.57	1.6	616	1.6	31,556	1.6

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
Office and administrative support occupations –Continued						
First-line supervisors/managers of office and administrative support workers	\$18.68	4.9%	\$740	5.2%	\$38,495	5.2%
Financial clerks	16.28	2.6	645	2.7	33,511	2.7
Billing and posting clerks and machine operators	16.01	9.5	640	9.5	33,302	9.5
Bookkeeping, accounting, and auditing clerks	16.20	3.2	641	3.3	33,294	3.3
Payroll and timekeeping clerks	17.45	7.3	698	7.3	35,875	7.3
Procurement clerks	17.33	10.0	687	9.3	35,710	9.3
Court, municipal, and license clerks	15.60	3.9	618	3.9	32,113	3.9
Customer service representatives	14.74	3.7	582	3.8	30,262	3.8
Eligibility interviewers, government programs	15.89	6.1	631	6.1	32,825	6.1
File clerks	13.06	11.0	514	11.8	25,341	11.8
Library assistants, clerical	12.45	5.5	478	5.7	22,774	5.7
Human resources assistants, except payroll and timekeeping	14.95	6.9	596	6.9	30,972	6.9
Receptionists and information clerks	12.83	7.1	513	7.1	26,663	7.1
Dispatchers	14.67	3.8	589	3.9	30,612	3.9
Police, fire, and ambulance dispatchers	14.73	4.0	591	4.1	30,740	4.1
Meter readers, utilities	13.01	11.2	520	11.2	27,056	11.2
Secretaries and administrative assistants	16.70	2.9	660	2.9	33,790	2.9
Executive secretaries and administrative assistants	18.17	5.4	719	5.5	37,333	5.5
Legal secretaries	14.76	4.5	591	4.5	30,710	4.5
Medical secretaries	14.68	9.7	574	11.1	29,825	11.1
Secretaries, except legal, medical, and executive	15.50	2.5	612	2.3	30,738	2.3
Computer operators	16.57	7.1	662	7.1	34,444	7.1
Data entry and information processing workers	16.62	14.4	650	13.4	30,329	13.4
Data entry keyers	17.96	18.3	704	16.6	32,165	16.6
Word processors and typists	13.84	16.3	539	16.3	26,293	16.3
Office clerks, general	13.92	3.9	547	4.0	27,732	4.0
Construction and extraction occupations	17.84	2.6	712	2.6	37,017	2.6
First-line supervisors/managers of construction trades and extraction workers	23.38	5.9	932	6.0	48,480	6.0
Construction laborers	11.78	5.3	471	5.3	24,495	5.3
Construction equipment operators	15.45	5.3	618	5.3	32,140	5.3

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
Construction and extraction occupations						
–Continued						
Operating engineers and other construction equipment operators	\$15.66	6.2%	\$626	6.2%	\$32,569	6.2%
Electricians	21.87	4.6	875	4.6	45,483	4.6
Pipelayers, plumbers, pipefitters, and steamfitters	20.07	7.3	798	6.8	41,515	6.8
Plumbers, pipefitters, and steamfitters	20.84	6.8	828	6.4	43,080	6.4
Construction and building inspectors	21.90	3.7	869	3.7	45,171	3.7
Highway maintenance workers	13.44	4.3	538	4.3	27,965	4.3
Septic tank servicers and sewer pipe cleaners	16.05	11.4	642	11.4	33,380	11.4
Installation, maintenance, and repair occupations	17.90	2.4	714	2.4	37,071	2.4
First-line supervisors/managers of mechanics, installers, and repairers	21.99	6.3	881	5.2	45,787	5.2
Miscellaneous electrical and electronic equipment mechanics, installers, and repairers	19.55	12.0	782	12.0	40,670	12.0
Automotive technicians and repairers	16.34	5.6	653	5.6	33,726	5.6
Automotive service technicians and mechanics	16.20	6.3	647	6.2	33,640	6.2
Bus and truck mechanics and diesel engine specialists	17.80	16.0	712	16.0	37,016	16.0
Control and valve installers and repairers	15.99	10.5	639	10.5	33,253	10.5
Control and valve installers and repairers, except mechanical door	15.99	10.5	639	10.5	33,253	10.5
Industrial machinery installation, repair, and maintenance workers	16.97	3.6	674	3.6	34,961	3.6
Maintenance and repair workers, general ..	16.84	3.9	669	4.0	34,699	4.0
Miscellaneous installation, maintenance, and repair workers	16.77	8.0	671	8.0	34,883	8.0
Helpers--installation, maintenance, and repair workers	13.60	8.2	544	8.2	28,298	8.2
Production occupations	17.30	4.3	696	4.6	36,168	4.6
First-line supervisors/managers of production and operating workers	19.38	6.2	775	6.2	40,317	6.2
Water and liquid waste treatment plant and system operators	17.00	5.2	686	5.8	35,647	5.8
Transportation and material moving occupations	15.41	1.9	553	2.4	24,777	2.4
Bus drivers	15.39	3.9	496	2.9	19,622	2.9

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
Transportation and material moving occupations –Continued						
Bus drivers, school	\$15.03	6.8%	\$472	5.9%	\$18,219	5.9%
Driver/sales workers and truck drivers	15.95	5.0	638	5.0	33,181	5.0
Truck drivers, heavy and tractor-trailer	16.13	5.1	645	5.1	33,560	5.1
Laborers and material movers, hand	12.12	5.1	485	5.1	25,217	5.1
Laborers and freight, stock, and material movers, hand	12.05	5.1	482	5.1	25,061	5.1
Refuse and recyclable material collectors	13.30	4.8	532	4.8	27,661	4.8

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	\$17.53	2.7%	\$697	2.9%	\$36,058	2.9%
Management occupations	33.22	4.6	1,361	5.8	70,734	5.8
Chief executives	64.67	35.7	3,133	28.9	162,904	28.9
General and operations managers	35.28	18.1	1,527	20.3	79,418	20.3
Marketing and sales managers	35.62	11.2	1,484	12.6	77,169	12.6
Marketing managers	39.46	15.2	1,578	15.2	82,082	15.2
Sales managers	34.31	12.4	1,450	14.4	75,402	14.4
Public relations managers	24.04	17.2	961	17.2	49,995	17.2
Administrative services managers	24.86	11.6	1,081	11.5	56,193	11.5
Computer and information systems managers	35.79	15.3	1,408	16.7	73,223	16.7
Financial managers	30.36	5.2	1,215	5.4	63,177	5.4
Human resources managers	51.35	37.9	2,105	36.8	109,446	36.8
Industrial production managers	24.45	7.9	1,048	6.5	54,470	6.5
Construction managers	37.55	9.5	1,587	8.5	82,441	8.5
Education administrators	24.48	10.3	960	11.1	49,562	11.1
Education administrators, elementary and secondary school	32.89	7.2	1,208	8.4	61,849	8.4
Engineering managers	54.96	10.4	2,265	11.9	117,758	11.9
Medical and health services managers	26.46	7.4	1,058	7.4	55,038	7.4
Property, real estate, and community association managers	28.16	9.7	1,146	10.2	59,569	10.2
Business and financial operations occupations	28.66	3.4	1,174	4.0	61,065	4.0
Claims adjusters, appraisers, examiners, and investigators	29.65	4.9	1,164	5.5	60,514	5.5
Claims adjusters, examiners, and investigators	29.60	6.5	1,161	7.3	60,384	7.3
Cost estimators	32.91	7.8	1,419	12.5	73,786	12.5
Human resources, training, and labor relations specialists	32.44	13.6	1,320	14.1	68,625	14.1
Accountants and auditors	25.60	9.1	1,061	10.0	55,155	10.0
Financial analysts and advisors	36.38	22.6	1,560	23.0	81,098	23.0
Personal financial advisors	31.48	31.0	1,259	31.0	65,482	31.0
Loan counselors and officers	22.64	11.6	900	11.5	46,823	11.5
Loan officers	22.55	12.5	901	12.5	46,839	12.5
Computer and mathematical science occupations	36.25	9.4	1,469	9.8	76,388	9.8
Computer programmers	26.86	14.2	1,194	15.8	62,107	15.8
Computer software engineers	42.50	2.8	1,700	2.8	88,390	2.8
Computer software engineers, applications	40.05	2.6	1,602	2.6	83,298	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
Computer and mathematical science occupations –Continued						
Computer software engineers, systems software	\$51.88	14.9%	\$2,075	14.9%	\$107,920	14.9%
Computer support specialists	25.93	11.6	967	16.3	50,302	16.3
Computer systems analysts	46.04	9.7	1,841	9.7	95,754	9.7
Network and computer systems administrators	25.52	4.1	1,021	4.1	53,073	4.1
Architecture and engineering occupations	31.52	5.3	1,269	5.0	65,981	5.0
Architects, except naval	30.89	16.0	1,258	15.1	65,396	15.1
Architects, except landscape and naval	30.89	16.0	1,258	15.1	65,396	15.1
Engineers	37.45	4.6	1,512	4.1	78,619	4.1
Civil engineers	37.20	5.3	1,489	5.3	77,448	5.3
Electrical and electronics engineers	30.37	20.8	1,215	20.8	63,174	20.8
Mechanical engineers	34.20	10.6	1,399	8.5	72,739	8.5
Drafters	26.52	9.2	1,061	9.2	55,168	9.2
Engineering technicians, except drafters	23.22	6.9	929	6.9	48,294	6.9
Electrical and electronic engineering technicians	24.60	4.9	984	4.9	51,160	4.9
Life, physical, and social science occupations	28.39	9.4	1,096	6.0	57,002	6.0
Life scientists	33.91	6.7	1,224	4.9	63,628	4.9
Community and social services occupations	15.77	2.8	595	3.4	30,939	3.4
Counselors	16.22	6.9	636	7.0	33,070	7.0
Educational, vocational, and school counselors	16.72	15.2	641	11.8	33,333	11.8
Social workers	15.97	5.5	617	5.3	32,109	5.3
Child, family, and school social workers ..	15.09	4.6	575	2.6	29,888	2.6
Miscellaneous community and social service specialists	14.25	4.6	505	4.8	26,265	4.8
Social and human service assistants	13.14	11.9	504	12.4	26,228	12.4
Legal occupations	31.26	14.8	1,252	14.9	65,099	14.9
Lawyers	49.33	12.1	2,009	11.3	104,463	11.3
Paralegals and legal assistants	22.79	7.4	905	7.9	47,060	7.9
Education, training, and library occupations	17.66	11.6	700	11.6	33,232	11.6
Primary, secondary, and special education school teachers	19.58	9.7	767	9.9	33,017	9.9
Preschool and kindergarten teachers	11.72	5.5	467	5.6	23,549	5.6

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
Education, training, and library occupations –Continued						
Preschool teachers, except special education	\$11.70	5.6%	\$468	5.6%	\$23,654	5.6%
Elementary and middle school teachers	22.99	8.1	891	9.0	34,703	9.0
Elementary school teachers, except special education	22.50	7.3	874	8.2	33,622	8.2
Middle school teachers, except special and vocational education	25.39	11.6	970	11.5	40,304	11.5
Secondary school teachers	29.25	5.7	1,129	4.4	44,546	4.4
Secondary school teachers, except special and vocational education	29.25	5.7	1,129	4.4	44,546	4.4
Other teachers and instructors	13.56	21.9	580	14.2	26,943	14.2
Teacher assistants	10.05	3.3	387	2.5	20,010	2.5
Arts, design, entertainment, sports, and media occupations	26.27	7.3	1,039	7.2	54,026	7.2
Designers	18.83	8.4	758	8.5	39,427	8.5
Graphic designers	18.09	6.4	734	7.2	38,156	7.2
Interior designers	21.29	14.3	851	14.3	44,276	14.3
Healthcare practitioner and technical occupations	28.67	6.8	1,118	6.7	58,119	6.7
Pharmacists	49.28	8.4	1,942	8.9	100,981	8.9
Physicians and surgeons	97.79	19.9	4,129	19.8	214,695	19.8
Registered nurses	27.73	7.0	1,081	7.9	56,152	7.9
Therapists	23.57	13.1	943	13.1	49,032	13.1
Clinical laboratory technologists and technicians	17.20	5.2	715	9.3	37,188	9.3
Medical and clinical laboratory technicians	16.71	1.0	636	4.2	33,073	4.2
Dental hygienists	31.04	8.9	1,064	5.6	55,307	5.6
Diagnostic related technologists and technicians	24.26	9.6	971	9.6	50,470	9.6
Health diagnosing and treating practitioner support technicians	14.34	8.1	570	7.6	29,616	7.6
Pharmacy technicians	12.01	7.2	480	7.2	24,977	7.2
Licensed practical and licensed vocational nurses	17.05	5.7	652	6.0	33,905	6.0
Healthcare support occupations	12.71	4.8	486	4.8	25,296	4.8
Nursing, psychiatric, and home health aides	9.33	3.2	360	3.3	18,732	3.3
Home health aides	8.51	1.9	335	2.3	17,413	2.3

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
Healthcare support occupations –Continued						
Nursing aides, orderlies, and attendants	\$9.83	4.4%	\$375	4.7%	\$19,482	4.7%
Physical therapist assistants and aides	22.20	15.1	867	12.9	45,101	12.9
Physical therapist assistants	22.20	15.1	867	12.9	45,101	12.9
Miscellaneous healthcare support occupations	13.35	4.8	508	5.1	26,425	5.1
Dental assistants	17.43	5.0	637	5.8	33,105	5.8
Medical assistants	12.42	4.3	485	5.3	25,218	5.3
Pharmacy aides	10.93	6.5	393	4.5	20,437	4.5
Protective service occupations	11.11	9.6	440	10.1	18,901	10.1
Security guards and gaming surveillance officers	11.00	11.9	433	12.9	22,528	12.9
Security guards	11.00	11.9	433	12.9	22,528	12.9
Food preparation and serving related occupations	8.31	4.3	314	5.2	16,320	5.2
First-line supervisors/managers, food preparation and serving workers	13.29	5.6	563	6.1	29,205	6.1
Chefs and head cooks	15.32	17.0	640	17.1	32,851	17.1
First-line supervisors/managers of food preparation and serving workers	12.97	5.7	550	6.0	28,622	6.0
Cooks	9.45	3.1	359	3.8	18,634	3.8
Cooks, fast food	8.48	6.9	330	10.6	17,183	10.6
Cooks, institution and cafeteria	10.71	2.6	407	3.8	21,115	3.8
Cooks, restaurant	9.84	3.7	373	3.0	19,405	3.0
Cooks, short order	8.71	7.6	321	11.0	16,707	11.0
Food preparation workers	8.79	5.1	344	5.4	17,837	5.4
Food service, tipped	4.54	16.8	160	20.4	8,330	20.4
Bartenders	6.62	20.8	242	28.5	12,575	28.5
Waiters and waitresses	3.54	4.5	123	6.1	6,405	6.1
Dining room and cafeteria attendants and bartender helpers	6.74	8.7	244	8.5	12,667	8.5
Fast food and counter workers	8.04	4.4	307	4.9	15,962	4.9
Combined food preparation and serving workers, including fast food	8.17	4.9	313	5.2	16,275	5.2
Counter attendants, cafeteria, food concession, and coffee shop	7.40	5.5	279	10.3	14,404	10.3
Dishwashers	7.85	3.2	294	2.5	15,313	2.5
Hosts and hostesses, restaurant, lounge, and coffee shop	9.43	18.1	316	22.8	16,449	22.8

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
Building and grounds cleaning and maintenance occupations	\$10.50	6.8%	\$412	6.6%	\$21,367	6.6%
First-line supervisors/managers, building and grounds cleaning and maintenance workers	20.54	23.4	840	24.6	43,692	24.6
First-line supervisors/managers of housekeeping and janitorial workers ...	14.16	8.5	566	8.5	29,455	8.5
First-line supervisors/managers of landscaping, lawn service, and groundskeeping workers	28.62	15.2	1,205	14.9	62,671	14.9
Building cleaning workers	8.98	3.4	349	3.0	18,123	3.0
Janitors and cleaners, except maids and housekeeping cleaners	9.38	5.7	372	5.5	19,337	5.5
Maids and housekeeping cleaners	7.92	2.6	291	1.9	15,139	1.9
Grounds maintenance workers	10.68	5.0	424	4.9	21,842	4.9
Landscaping and groundskeeping workers	10.26	6.1	406	6.0	20,913	6.0
Personal care and service occupations	11.29	9.1	441	8.1	22,905	8.1
Barbers and cosmetologists	18.25	5.8	666	8.3	34,623	8.3
Hairdressers, hairstylists, and cosmetologists	18.25	5.8	666	8.3	34,623	8.3
Child care workers	8.23	2.9	326	2.7	16,866	2.7
Sales and related occupations	17.80	5.9	709	5.8	36,599	5.8
First-line supervisors/managers, sales workers	18.52	7.0	779	7.5	40,518	7.5
First-line supervisors/managers of retail sales workers	16.73	5.9	703	6.0	36,558	6.0
First-line supervisors/managers of non-retail sales workers	29.03	18.8	1,233	18.3	64,109	18.3
Retail sales workers	11.39	5.5	446	5.6	22,924	5.6
Cashiers, all workers	8.85	2.4	341	2.0	17,727	2.0
Cashiers	8.85	2.4	341	2.0	17,727	2.0
Counter and rental clerks and parts salespersons	11.46	6.3	455	6.6	23,654	6.6
Counter and rental clerks	9.82	6.4	386	6.9	20,088	6.9
Parts salespersons	13.98	3.4	562	3.7	29,244	3.7
Retail salespersons	13.67	7.1	543	7.5	27,448	7.5
Insurance sales agents	27.52	17.2	1,046	16.7	54,372	16.7
Sales representatives, wholesale and manufacturing	28.45	6.0	1,136	6.3	58,847	6.3

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
Sales and related occupations –Continued						
Sales representatives, wholesale and manufacturing, technical and scientific products	\$32.74	14.7%	\$1,316	14.6%	\$68,436	14.6%
Sales representatives, wholesale and manufacturing, except technical and scientific products	26.76	6.6	1,066	7.0	55,148	7.0
Miscellaneous sales and related workers	16.28	8.2	638	7.8	33,195	7.8
Office and administrative support occupations						
First-line supervisors/managers of office and administrative support workers	14.57	1.2	577	1.2	29,948	1.2
Financial clerks	19.02	4.1	765	4.3	39,782	4.3
Bill and account collectors	14.31	1.6	569	1.6	29,574	1.6
Billing and posting clerks and machine operators	15.55	9.5	622	9.5	32,352	9.5
Bookkeeping, accounting, and auditing clerks	14.03	6.0	558	6.0	29,038	6.0
Payroll and timekeeping clerks	15.19	2.8	602	2.7	31,301	2.7
Tellers	13.60	10.7	544	10.7	28,287	10.7
Credit authorizers, checkers, and clerks	11.90	2.6	475	2.6	24,714	2.6
Customer service representatives	15.72	9.1	629	9.1	32,697	9.1
File clerks	14.78	3.6	588	3.4	29,960	3.4
Hotel, motel, and resort desk clerks	10.07	8.1	403	8.1	20,950	8.1
Loan interviewers and clerks	9.38	5.2	373	5.3	19,398	5.3
Order clerks	13.91	6.7	556	6.7	28,907	6.7
Human resources assistants, except payroll and timekeeping	12.56	7.7	503	7.7	26,135	7.7
Receptionists and information clerks	14.43	5.0	565	3.7	29,384	3.7
Reservation and transportation ticket agents and travel clerks	12.17	2.9	476	2.4	24,730	2.4
Dispatchers	14.14	6.8	566	6.8	29,422	6.8
Dispatchers, except police, fire, and ambulance	16.90	10.2	690	9.7	35,883	9.7
Meter readers, utilities	16.90	10.2	690	9.7	35,883	9.7
Production, planning, and expediting clerks	13.74	5.4	550	5.4	28,587	5.4
Shipping, receiving, and traffic clerks	15.43	8.6	636	8.3	33,063	8.3
Stock clerks and order fillers	13.25	7.4	530	7.4	27,568	7.4
Secretaries and administrative assistants	11.26	3.7	457	3.9	23,777	3.9
Executive secretaries and administrative assistants	16.36	1.7	644	1.8	33,502	1.8
Medical secretaries	18.92	4.3	748	4.2	38,876	4.2
	13.51	3.7	523	2.7	27,199	2.7

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, except legal, medical, and executive	\$15.41	2.3%	\$611	2.8%	\$31,774	2.8%
Data entry and information processing workers	14.56	5.5	572	5.1	29,723	5.1
Data entry keyers	14.29	4.9	562	4.8	29,222	4.8
Insurance claims and policy processing clerks	13.62	10.9	538	10.3	27,972	10.3
Office clerks, general	14.17	3.0	556	2.8	28,915	2.8
Construction and extraction occupations	15.66	2.6	626	2.6	32,365	2.6
First-line supervisors/managers of construction trades and extraction workers	22.85	4.6	934	5.2	48,584	5.2
Brickmasons, blockmasons, and stonemasons	17.32	10.4	693	10.4	36,033	10.4
Carpenters	18.12	7.3	709	7.9	36,785	7.9
Cement masons, concrete finishers, and terrazzo workers	15.80	8.6	632	8.6	32,873	8.6
Cement masons and concrete finishers	15.80	8.6	632	8.6	32,873	8.6
Construction laborers	11.87	5.8	475	5.8	24,670	5.8
Construction equipment operators	14.79	4.4	592	4.4	30,349	4.4
Paving, surfacing, and tamping equipment operators	13.19	5.8	528	5.8	26,354	5.8
Operating engineers and other construction equipment operators	15.58	5.1	623	5.1	32,404	5.1
Drywall installers, ceiling tile installers, and tapers	17.24	6.9	687	6.9	35,703	6.9
Drywall and ceiling tile installers	17.31	10.0	688	9.9	35,797	9.9
Electricians	16.63	6.8	665	6.8	34,570	6.8
Painters and paperhangers	12.36	2.8	495	2.8	24,828	2.8
Painters, construction and maintenance	12.36	2.8	495	2.8	24,828	2.8
Pipelayers, plumbers, pipefitters, and steamfitters	18.36	5.3	734	5.3	38,189	5.3
Plumbers, pipefitters, and steamfitters	18.74	4.2	750	4.2	38,986	4.2
Roofers	11.64	10.3	466	10.3	24,177	10.3
Sheet metal workers	18.50	9.3	740	9.3	38,481	9.3
Helpers, construction trades	11.26	2.0	449	2.1	23,055	2.1
Helpers--electricians	10.95	5.0	438	5.0	22,674	5.0
Helpers--pipelayers, plumbers, pipefitters, and steamfitters	12.70	3.8	508	3.8	26,422	3.8

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
Construction and extraction occupations –Continued						
Miscellaneous construction and related workers	\$13.61	10.7%	\$544	10.7%	\$28,300	10.7%
Installation, maintenance, and repair occupations	18.09	2.7	728	2.8	37,873	2.8
First-line supervisors/managers of mechanics, installers, and repairers	27.58	5.6	1,126	5.6	58,576	5.6
Computer, automated teller, and office machine repairers	17.73	5.6	706	5.8	36,714	5.8
Radio and telecommunications equipment installers and repairers	27.37	5.9	1,095	5.9	56,931	5.9
Telecommunications equipment installers and repairers, except line installers	27.37	5.9	1,095	5.9	56,931	5.9
Miscellaneous electrical and electronic equipment mechanics, installers, and repairers	16.73	5.2	669	5.2	34,793	5.2
Aircraft mechanics and service technicians ..	21.83	16.3	873	16.3	45,404	16.3
Automotive technicians and repairers	17.52	5.9	714	6.0	37,110	6.0
Automotive body and related repairers	18.50	13.1	740	13.1	38,480	13.1
Automotive service technicians and mechanics	17.17	6.8	705	7.1	36,668	7.1
Bus and truck mechanics and diesel engine specialists	16.49	5.8	663	6.1	34,492	6.1
Heavy vehicle and mobile equipment service technicians and mechanics	18.81	3.6	752	3.6	39,129	3.6
Mobile heavy equipment mechanics, except engines	18.64	4.8	746	4.8	38,769	4.8
Small engine mechanics	13.20	16.8	512	13.3	26,606	13.3
Control and valve installers and repairers	16.72	12.9	669	12.9	34,786	12.9
Heating, air conditioning, and refrigeration mechanics and installers	17.30	10.8	692	10.8	35,982	10.8
Home appliance repairers	14.62	4.2	646	9.4	33,572	9.4
Industrial machinery installation, repair, and maintenance workers	16.02	7.0	636	7.0	33,096	7.0
Industrial machinery mechanics	18.49	4.7	730	4.1	37,984	4.1
Maintenance and repair workers, general ..	14.59	11.4	580	11.2	30,167	11.2
Maintenance workers, machinery	17.69	15.4	708	15.4	36,797	15.4
Line installers and repairers	24.43	7.3	977	7.3	50,820	7.3
Electrical power-line installers and repairers	25.22	5.1	1,009	5.1	52,459	5.1

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
Installation, maintenance, and repair occupations –Continued						
Telecommunications line installers and repairers	\$24.18	10.8%	\$967	10.8%	\$50,304	10.8%
Miscellaneous installation, maintenance, and repair workers	12.16	5.2	485	5.0	25,227	5.0
Helpers--installation, maintenance, and repair workers	11.22	6.2	447	6.3	23,226	6.3
Production occupations	12.78	5.0	508	5.0	26,412	5.0
First-line supervisors/managers of production and operating workers	19.52	6.0	807	6.2	41,980	6.2
Electrical, electronics, and electromechanical assemblers	11.23	8.2	449	8.2	23,356	8.2
Electrical and electronic equipment assemblers	10.28	6.0	411	6.0	21,373	6.0
Miscellaneous assemblers and fabricators	11.84	4.2	473	4.2	24,581	4.2
Bakers	10.39	7.2	416	7.2	21,611	7.2
Butchers and other meat, poultry, and fish processing workers	11.77	15.7	471	15.7	24,474	15.7
Butchers and meat cutters	11.80	19.2	472	19.2	24,538	19.2
Machine tool cutting setters, operators, and tenders, metal and plastic	12.78	5.7	509	5.8	26,453	5.8
Cutting, punching, and press machine setters, operators, and tenders, metal and plastic	11.85	9.0	474	9.0	24,656	9.0
Grinding, lapping, polishing, and buffing machine tool setters, operators, and tenders, metal and plastic	11.88	5.6	474	5.7	24,630	5.7
Machinists	18.13	7.4	725	7.4	37,709	7.4
Welding, soldering, and brazing workers	16.93	4.5	676	4.5	35,177	4.5
Welders, cutters, solderers, and brazers	17.35	3.0	693	3.0	36,048	3.0
Miscellaneous metalworkers and plastic workers	14.09	12.2	580	11.8	30,183	11.8
Printers	15.10	8.7	602	8.9	31,318	8.9
Printing machine operators	13.78	12.2	551	12.2	28,654	12.2
Laundry and dry-cleaning workers	11.15	13.8	434	13.2	22,587	13.2
Pressers, textile, garment, and related materials	7.95	7.5	296	6.0	15,401	6.0
Sewing machine operators	9.80	9.1	379	11.0	19,688	11.0
Textile machine setters, operators, and tenders	10.17	6.2	401	6.9	20,840	6.9

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						
Textile winding, twisting, and drawing out machine setters, operators, and tenders	\$11.04	7.0%	\$436	6.5%	\$22,679	6.5%
Miscellaneous textile, apparel, and furnishings workers	13.15	14.0	516	15.6	26,821	15.6
Upholsterers	11.90	27.1	466	28.0	24,225	28.0
Woodworking machine setters, operators, and tenders	13.70	4.1	547	4.2	28,412	4.2
Sawing machine setters, operators, and tenders, wood	11.94	6.8	475	6.5	24,659	6.5
Woodworking machine setters, operators, and tenders, except sawing	14.44	4.7	578	4.7	30,027	4.7
Crushing, grinding, polishing, mixing, and blending workers	12.61	16.3	502	15.8	26,104	15.8
Mixing and blending machine setters, operators, and tenders	13.68	23.1	543	22.2	28,214	22.2
Cutting workers	12.77	8.3	511	8.3	26,570	8.3
Cutters and trimmers, hand	15.22	.0	609	.0	31,653	.0
Cutting and slicing machine setters, operators, and tenders	11.96	4.9	478	4.9	24,882	4.9
Inspectors, testers, sorters, samplers, and weighers	10.35	6.5	419	7.1	21,763	7.1
Medical, dental, and ophthalmic laboratory technicians	17.63	10.6	687	12.3	35,714	12.3
Dental laboratory technicians	18.65	8.0	725	10.7	37,680	10.7
Painting workers	17.75	20.0	710	20.0	36,922	20.0
Miscellaneous production workers	11.27	6.5	445	6.9	23,144	6.9
Paper goods machine setters, operators, and tenders	14.29	9.3	571	9.3	29,717	9.3
Helpers--production workers	8.77	7.5	349	7.5	18,155	7.5
Transportation and material moving occupations						
First-line supervisors/managers of helpers, laborers, and material movers, hand	17.88	11.4	715	11.4	37,189	11.4
First-line supervisors/managers of transportation and material-moving machine and vehicle operators	22.58	8.0	927	7.0	48,213	7.0
Driver/sales workers and truck drivers	15.27	6.5	632	6.5	32,792	6.5
Driver/sales workers	14.81	16.3	600	17.8	31,180	17.8
Truck drivers, heavy and tractor-trailer	16.57	8.0	697	6.9	36,131	6.9
Truck drivers, light or delivery services	12.22	4.0	490	4.0	25,474	4.0

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
Transportation and material moving occupations –Continued						
Dredge, excavating, and loading machine operators	\$15.22	9.7%	\$609	9.7%	\$31,666	9.7%
Excavating and loading machine and dragline operators	15.21	9.9	608	9.9	31,638	9.9
Industrial truck and tractor operators	14.27	6.7	573	6.8	29,805	6.8
Laborers and material movers, hand	10.37	2.8	413	2.6	21,460	2.6
Cleaners of vehicles and equipment	8.86	9.3	350	9.1	18,184	9.1
Laborers and freight, stock, and material movers, hand	10.85	4.2	432	4.2	22,459	4.2
Machine feeders and offbearers	10.46	5.5	418	5.5	21,749	5.5
Packers and packagers, hand	9.57	2.5	383	2.5	19,902	2.5

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	\$21.81	4.5%	\$867	4.5%	\$44,976	4.5%
Management occupations	43.52	3.7	1,783	3.8	92,616	3.8
General and operations managers	51.55	4.7	2,162	4.3	112,419	4.3
Advertising and promotions managers	22.83	26.9	963	32.1	50,072	32.1
Marketing and sales managers	46.46	6.0	1,898	6.1	98,688	6.1
Marketing managers	48.54	9.1	1,922	9.0	99,939	9.0
Sales managers	44.80	11.2	1,877	11.8	97,628	11.8
Public relations managers	77.90	21.1	3,085	20.2	160,429	20.2
Administrative services managers	31.63	9.7	1,265	9.7	65,782	9.7
Computer and information systems managers	52.00	4.5	2,157	4.5	112,151	4.5
Financial managers	44.04	6.6	1,790	7.0	93,061	7.0
Industrial production managers	38.33	11.6	1,561	12.9	81,195	12.9
Purchasing managers	58.40	21.9	2,376	21.4	123,534	21.4
Construction managers	39.40	2.6	1,628	2.6	84,681	2.6
Education administrators	34.40	11.1	1,371	10.6	69,188	10.6
Education administrators, elementary and secondary school	39.38	5.1	1,575	5.1	79,671	5.1
Education administrators, postsecondary ..	38.62	13.8	1,540	13.3	78,300	13.3
Engineering managers	50.55	5.6	2,088	3.9	108,552	3.9
Food service managers	21.11	17.5	938	17.3	48,790	17.3
Medical and health services managers	37.96	6.6	1,560	6.5	81,113	6.5
Social and community service managers	37.50	18.9	1,444	19.1	75,105	19.1
Business and financial operations occupations	33.47	3.7	1,344	3.9	69,878	3.9
Buyers and purchasing agents	26.00	9.4	1,045	9.6	54,329	9.6
Wholesale and retail buyers, except farm products	22.78	9.8	921	10.4	47,878	10.4
Purchasing agents, except wholesale, retail, and farm products	28.03	8.7	1,123	9.1	58,371	9.1
Claims adjusters, appraisers, examiners, and investigators	24.55	8.9	975	8.8	50,684	8.8
Claims adjusters, examiners, and investigators	24.55	8.9	975	8.8	50,684	8.8
Cost estimators	34.03	12.0	1,395	13.1	72,555	13.1
Human resources, training, and labor relations specialists	31.30	8.0	1,242	7.8	64,574	7.8
Employment, recruitment, and placement specialists	31.15	15.0	1,246	15.0	64,787	15.0
Compensation, benefits, and job analysis specialists	36.80	10.0	1,464	11.8	76,106	11.8
Training and development specialists	28.12	8.6	1,106	8.4	57,533	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
Business and financial operations occupations –Continued						
Logisticians	\$33.13	12.3%	\$1,325	12.3%	\$68,908	12.3%
Management analysts	39.31	8.5	1,573	8.5	81,817	8.5
Accountants and auditors	28.30	6.8	1,134	6.8	58,987	6.8
Budget analysts	38.51	6.6	1,618	7.8	84,113	7.8
Credit analysts	35.09	14.2	1,404	14.2	72,997	14.2
Financial analysts and advisors	35.88	18.2	1,430	18.4	74,343	18.4
Financial analysts	38.88	24.9	1,558	24.9	81,039	24.9
Insurance underwriters	26.35	21.8	1,032	21.8	53,653	21.8
Financial examiners	32.35	9.3	1,296	9.4	67,385	9.4
Loan counselors and officers	30.44	12.1	1,235	13.5	64,213	13.5
Loan officers	31.34	11.6	1,273	13.2	66,192	13.2
Computer and mathematical science occupations						
Computer and information scientists, research	37.59	2.9	1,506	3.0	78,295	3.0
Computer programmers	48.07	1.2	1,923	1.2	99,989	1.2
Computer software engineers	37.69	10.7	1,508	10.7	78,425	10.7
Computer software engineers, applications	41.02	3.5	1,643	3.5	85,436	3.5
Computer software engineers, systems software	41.95	6.8	1,682	6.9	87,445	6.9
Computer support specialists	39.56	5.7	1,583	5.7	82,291	5.7
Computer systems analysts	26.73	8.4	1,071	8.4	55,701	8.4
Database administrators	38.61	2.6	1,544	2.6	80,274	2.6
Network and computer systems administrators	40.72	18.9	1,629	18.9	84,701	18.9
Network systems and data communications analysts	39.05	8.4	1,584	8.3	82,387	8.3
Operations research analysts	37.84	6.5	1,514	6.5	78,703	6.5
Operations research analysts	41.13	6.9	1,627	7.4	84,612	7.4
Architecture and engineering occupations						
Engineers	34.63	2.4	1,396	2.3	72,577	2.3
Aerospace engineers	38.83	2.0	1,570	2.0	81,617	2.0
Chemical engineers	34.69	9.7	1,388	9.7	72,162	9.7
Civil engineers	43.48	5.2	1,739	5.2	90,430	5.2
Computer hardware engineers	34.08	5.5	1,393	5.1	72,421	5.1
Electrical and electronics engineers	44.62	6.4	1,785	6.4	92,810	6.4
Electrical engineers	39.45	2.8	1,591	2.5	82,735	2.5
Electronics engineers, except computer	39.95	4.6	1,626	4.1	84,545	4.1
Industrial engineers, including health and safety	38.96	1.4	1,558	1.4	81,032	1.4
Industrial engineers, including health and safety	39.80	9.4	1,611	8.8	83,760	8.8

See footnotes at end of table.

RSE Table 16

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

Occupation ¹	Hourly earnings ²		Weekly earnings ⁴		Annual earnings ⁵	
	Mean	Relative error ³	Mean	Relative error ³	Mean	Relative error ³
Architecture and engineering occupations						
–Continued						
Industrial engineers	\$35.09	5.2%	\$1,428	4.9%	\$74,251	4.9%
Mechanical engineers	35.04	5.2	1,449	6.8	75,172	6.8
Drafters	23.27	7.8	931	7.8	48,392	7.8
Engineering technicians, except drafters	24.60	4.0	985	4.0	51,222	4.0
Electrical and electronic engineering technicians	24.76	4.8	990	4.8	51,473	4.8
Mechanical engineering technicians	19.39	3.3	789	3.6	41,024	3.6
Life, physical, and social science occupations	30.04	5.2	1,213	5.1	63,058	5.1
Life scientists	32.48	15.2	1,251	14.7	65,048	14.7
Biological scientists	29.01	17.0	1,127	15.5	58,593	15.5
Medical scientists	33.77	18.2	1,338	17.4	69,596	17.4
Physical scientists	40.33	26.0	1,782	23.7	92,689	23.7
Chemists and materials scientists	48.64	32.9	2,011	35.2	104,582	35.2
Chemists	48.64	32.9	2,011	35.2	104,582	35.2
Market and survey researchers	29.85	12.3	1,180	13.4	61,368	13.4
Market research analysts	29.85	12.3	1,180	13.4	61,368	13.4
Chemical technicians	21.63	4.4	864	4.3	44,788	4.3
Miscellaneous life, physical, and social science technicians	24.16	9.5	960	9.0	49,940	9.0
Community and social services occupations	16.02	7.8	635	8.1	32,979	8.1
Counselors	17.40	16.2	683	16.6	35,180	16.6
Educational, vocational, and school counselors	18.98	10.9	757	10.9	38,402	10.9
Social workers	19.35	5.6	769	5.3	39,970	5.3
Child, family, and school social workers ..	17.15	10.5	679	10.2	35,194	10.2
Medical and public health social workers	21.79	9.4	864	8.8	44,909	8.8
Mental health and substance abuse social workers	18.57	8.0	743	8.0	38,631	8.0
Miscellaneous community and social service specialists	10.63	8.6	421	9.6	21,899	9.6
Social and human service assistants	10.52	8.4	417	9.4	21,672	9.4
Legal occupations	49.39	9.0	1,998	10.0	103,885	10.0
Lawyers	60.00	6.7	2,460	7.4	127,923	7.4
Paralegals and legal assistants	23.12	13.8	907	12.3	47,165	12.3
Education, training, and library occupations	31.70	7.2	1,236	8.3	52,943	8.3
Postsecondary teachers	42.34	4.5	1,695	4.2	71,938	4.2
Business teachers, postsecondary	49.41	13.9	2,006	11.4	77,432	11.4

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
Education, training, and library occupations						
–Continued						
Math and computer teachers, postsecondary	\$46.65	15.8%	\$1,807	14.1%	\$79,707	14.1%
Life sciences teachers, postsecondary	43.21	11.6	1,781	9.4	80,893	9.4
Biological science teachers, postsecondary	43.21	11.6	1,781	9.4	80,893	9.4
Social sciences teachers, postsecondary	44.31	9.0	1,751	8.7	77,113	8.7
Psychology teachers, postsecondary	48.75	6.4	2,010	5.8	80,584	5.8
Health teachers, postsecondary	40.91	25.4	1,603	24.0	71,112	24.0
Arts, communications, and humanities teachers, postsecondary	37.32	10.5	1,505	9.5	60,028	9.5
Art, drama, and music teachers, postsecondary	29.13	12.3	1,176	12.4	51,221	12.4
English language and literature teachers, postsecondary	35.57	9.2	1,481	14.5	57,652	14.5
History teachers, postsecondary	30.35	2.9	1,308	6.6	51,838	6.6
Philosophy and religion teachers, postsecondary	42.19	20.7	1,723	14.8	67,195	14.8
Miscellaneous postsecondary teachers	32.33	10.1	1,277	10.1	60,995	10.1
Primary, secondary, and special education school teachers	27.22	9.1	1,046	10.5	41,195	10.5
Elementary and middle school teachers	29.45	3.1	1,133	3.1	42,630	3.1
Elementary school teachers, except special education	27.96	2.5	1,085	2.6	41,418	2.6
Middle school teachers, except special and vocational education	31.12	4.1	1,186	4.8	43,930	4.8
Secondary school teachers	30.04	5.6	1,185	4.3	44,555	4.3
Secondary school teachers, except special and vocational education	30.04	5.6	1,185	4.3	44,555	4.3
Other teachers and instructors	29.16	6.7	1,156	6.9	58,742	6.9
Librarians	25.30	5.1	965	6.1	43,879	6.1
Teacher assistants	9.67	7.3	354	10.3	17,676	10.3
Arts, design, entertainment, sports, and media occupations	26.37	5.9	1,044	5.4	54,135	5.4
Designers	23.02	8.8	922	8.1	47,936	8.1
Graphic designers	23.84	14.5	942	13.5	48,998	13.5
Actors, producers, and directors	20.67	12.0	814	11.4	42,316	11.4
Producers and directors	20.67	12.0	814	11.4	42,316	11.4
Athletes, coaches, umpires, and related workers	17.85	10.4	710	12.4	35,857	12.4
Coaches and scouts	17.75	16.1	704	18.7	34,989	18.7

See footnotes at end of table.

RSE Table 16

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

Occupation ¹	Hourly earnings ²		Weekly earnings ⁴		Annual earnings ⁵	
	Mean	Relative error ³	Mean	Relative error ³	Mean	Relative error ³
Arts, design, entertainment, sports, and media occupations –Continued						
News analysts, reporters and correspondents	\$29.46	17.3%	\$1,143	15.8%	\$59,443	15.8%
Reporters and correspondents	29.46	17.3	1,143	15.8	59,443	15.8
Public relations specialists	29.62	1.6	1,185	1.6	61,613	1.6
Writers and editors	27.47	8.5	1,083	7.6	56,321	7.6
Editors	27.37	10.0	1,073	9.4	55,813	9.4
Technical writers	26.67	7.7	1,085	6.8	56,438	6.8
Healthcare practitioner and technical occupations						
Pharmacists	36.30	24.9	1,428	25.1	74,219	25.1
Registered nurses	48.45	1.0	1,902	1.9	98,885	1.9
Therapists	27.87	1.5	1,086	1.6	56,441	1.6
Occupational therapists	26.17	5.6	1,037	5.7	53,938	5.7
Physical therapists	29.92	3.5	1,188	4.0	61,794	4.0
Respiratory therapists	31.78	1.9	1,271	1.9	66,110	1.9
Clinical laboratory technologists and technicians	23.58	2.5	927	2.8	48,190	2.8
Medical and clinical laboratory technologists	19.55	3.6	775	3.8	40,289	3.8
Medical and clinical laboratory technicians	24.01	3.2	955	3.0	49,657	3.0
Medical and clinical laboratory technicians	15.18	2.1	600	2.1	31,175	2.1
Diagnostic related technologists and technicians	25.06	3.8	1,002	3.8	52,085	3.8
Cardiovascular technologists and technicians	24.03	7.6	961	7.6	49,974	7.6
Radiologic technologists and technicians ..	23.82	5.0	953	5.0	49,548	5.0
Health diagnosing and treating practitioner support technicians	17.73	10.7	706	10.6	36,722	10.6
Pharmacy technicians	14.22	4.5	567	4.6	29,465	4.6
Surgical technologists	20.42	14.4	816	14.4	42,455	14.4
Licensed practical and licensed vocational nurses	18.26	2.2	706	2.2	36,714	2.2
Medical records and health information technicians	18.08	7.0	717	6.8	37,281	6.8
Miscellaneous health technologists and technicians	17.54	8.8	701	8.8	36,475	8.8
Healthcare support occupations						
Nursing, psychiatric, and home health aides	11.65	1.8	453	2.4	23,547	2.4
Nursing aides, orderlies, and attendants	10.58	1.5	406	1.8	21,086	1.8
Physical therapist assistants and aides	10.64	1.9	413	1.7	21,461	1.7
	19.72	14.9	788	14.9	40,985	14.9

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 support occupations –Continued						
Miscellaneous healthcare support occupations	\$13.11	2.2%	\$522	2.4%	\$27,122	2.4%
Medical assistants	13.36	2.3	531	2.4	27,595	2.4
Medical equipment preparers	11.99	7.8	480	7.8	24,936	7.8
Medical transcriptionists	14.14	2.0	564	1.9	29,308	1.9
Protective service occupations	11.63	3.7	455	4.8	23,609	4.8
Security guards and gaming surveillance officers	10.50	2.8	406	3.1	21,082	3.1
Security guards	10.47	2.9	405	3.3	21,021	3.3
Food preparation and serving related occupations						
First-line supervisors/managers, food preparation and serving workers	15.62	8.3	635	8.8	32,997	8.8
First-line supervisors/managers of food preparation and serving workers	15.49	8.6	627	9.1	32,619	9.1
Cooks	11.18	3.3	436	3.6	22,666	3.6
Cooks, institution and cafeteria	11.48	3.8	445	5.0	23,135	5.0
Cooks, restaurant	11.12	4.4	438	3.7	22,753	3.7
Cooks, short order	10.63	6.5	412	6.7	21,418	6.7
Food preparation workers	10.36	2.8	411	3.2	21,383	3.2
Food service, tipped	5.57	6.8	209	7.7	10,874	7.7
Bartenders	5.77	11.5	208	12.8	10,824	12.8
Waiters and waitresses	4.27	13.8	158	15.0	8,192	15.0
Dining room and cafeteria attendants and bartender helpers	7.91	10.9	313	10.7	16,275	10.7
Fast food and counter workers	10.10	6.3	400	6.4	20,691	6.4
Combined food preparation and serving workers, including fast food	9.78	6.2	387	6.3	19,958	6.3
Counter attendants, cafeteria, food concession, and coffee shop	11.50	6.8	460	6.8	23,927	6.8
Food servers, nonrestaurant	7.70	2.9	298	3.7	15,495	3.7
Dishwashers	9.72	9.2	376	7.8	19,532	7.8
Building and grounds cleaning and maintenance occupations						
First-line supervisors/managers, building and grounds cleaning and maintenance workers	16.30	12.4	637	10.3	33,127	10.3
First-line supervisors/managers of housekeeping and janitorial workers ...	15.51	18.9	599	15.3	31,133	15.3

See footnotes at end of table.

RSE Table 16

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

Occupation ¹	Hourly earnings ²		Weekly earnings ⁴		Annual earnings ⁵	
	Mean	Relative error ³	Mean	Relative error ³	Mean	Relative error ³
Building and grounds cleaning and maintenance occupations –Continued						
Building cleaning workers	\$10.04	4.0%	\$395	3.4%	\$20,544	3.4%
Janitors and cleaners, except maids and housekeeping cleaners	10.22	5.2	403	4.4	20,955	4.4
Maids and housekeeping cleaners	9.70	3.2	381	3.2	19,812	3.2
Grounds maintenance workers	10.16	5.3	405	5.2	20,950	5.2
Landscaping and groundskeeping workers	10.16	5.3	405	5.2	20,950	5.2
Personal care and service occupations						
First-line supervisors/managers of personal service workers	16.36	4.8	547	3.3	28,338	3.3
Miscellaneous entertainment attendants and related workers	16.19	12.2	718	14.8	37,346	14.8
Amusement and recreation attendants	11.65	5.0	463	5.6	23,423	5.6
Baggage porters, bellhops, and concierges	11.89	4.5	475	4.5	23,954	4.5
Baggage porters and bellhops	7.94	18.8	296	21.3	15,375	21.3
Transportation attendants	5.43	6.0	196	10.5	10,213	10.5
Flight attendants	41.15	2.4	806	2.6	41,920	2.6
Child care workers	42.04	1.2	814	2.5	42,305	2.5
Personal and home care aides	10.32	5.9	411	5.7	21,378	5.7
Recreation and fitness workers	10.29	2.2	411	2.2	21,390	2.2
Recreation workers	11.25	18.4	443	17.1	23,037	17.1
Recreation workers	11.25	18.4	443	17.1	23,037	17.1
Sales and related occupations						
First-line supervisors/managers, sales workers	17.65	4.5	708	4.7	36,645	4.7
First-line supervisors/managers of retail sales workers	21.80	6.7	892	7.5	46,387	7.5
First-line supervisors/managers of non-retail sales workers	18.85	12.3	774	12.2	40,258	12.2
Retail sales workers	27.84	8.3	1,132	9.6	58,850	9.6
Cashiers, all workers	12.09	3.5	483	3.6	25,127	3.6
Cashiers	10.39	2.1	413	2.2	21,451	2.2
Counter and rental clerks and parts salespersons	10.35	2.1	412	2.3	21,381	2.3
Counter and rental clerks	17.42	8.4	712	8.3	37,044	8.3
Parts salespersons	12.48	13.2	482	10.6	25,070	10.6
Retail salespersons	21.37	7.2	917	7.2	47,680	7.2
Advertising sales agents	12.64	4.4	506	4.7	26,307	4.7
Insurance sales agents	28.10	19.3	1,124	19.3	58,435	19.3
Securities, commodities, and financial services sales agents	19.46	12.3	774	12.2	40,254	12.2
Securities, commodities, and financial services sales agents	58.08	29.6	2,323	29.6	120,815	29.6

See footnotes at end of table.

RSE Table 16

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

Occupation ¹	Hourly earnings ²		Weekly earnings ⁴		Annual earnings ⁵	
	Mean	Relative error ³	Mean	Relative error ³	Mean	Relative error ³
Sales and related occupations –Continued						
Sales representatives, wholesale and manufacturing	\$32.57	12.0%	\$1,327	11.5%	\$68,985	11.5%
Sales representatives, wholesale and manufacturing, technical and scientific products	33.53	22.2	1,341	22.2	69,735	22.2
Sales representatives, wholesale and manufacturing, except technical and scientific products	32.39	11.9	1,324	11.1	68,838	11.1
Telemarketers	14.46	10.5	565	10.6	29,387	10.6
Miscellaneous sales and related workers	18.22	13.7	724	13.5	35,337	13.5
Office and administrative support occupations						
First-line supervisors/managers of office and administrative support workers	15.35	1.7	612	1.7	31,803	1.7
Switchboard operators, including answering service	23.43	3.7	938	3.7	48,753	3.7
Telephone operators	11.07	6.2	443	6.2	23,024	6.2
Financial clerks	11.22	2.4	449	2.4	23,338	2.4
Bill and account collectors	14.51	3.6	579	3.6	30,087	3.6
Billing and posting clerks and machine operators	14.81	2.4	593	2.4	30,812	2.4
Bookkeeping, accounting, and auditing clerks	12.96	10.1	517	9.9	26,861	9.9
Payroll and timekeeping clerks	15.35	3.1	610	3.2	31,744	3.2
Procurement clerks	19.86	6.9	794	6.9	41,303	6.9
Tellers	16.15	10.4	646	10.4	33,602	10.4
Credit authorizers, checkers, and clerks	12.08	3.1	483	3.1	25,129	3.1
Customer service representatives	14.77	6.5	591	6.5	30,728	6.5
File clerks	14.83	4.6	593	4.6	30,786	4.6
Hotel, motel, and resort desk clerks	12.51	6.9	495	6.9	25,741	6.9
Interviewers, except eligibility and loan	9.83	2.4	393	2.4	20,438	2.4
Loan interviewers and clerks	12.52	4.8	501	4.8	26,037	4.8
Order clerks	19.11	12.0	763	12.1	39,697	12.1
Human resources assistants, except payroll and timekeeping	16.12	8.2	643	8.3	33,410	8.3
Receptionists and information clerks	16.87	5.5	675	5.5	35,079	5.5
Reservation and transportation ticket agents and travel clerks	12.28	4.1	489	4.3	25,393	4.3
Dispatchers	14.77	5.5	591	5.5	30,727	5.5
Dispatchers, except police, fire, and ambulance	15.87	13.1	641	14.0	33,307	14.0
	15.87	13.1	641	14.0	33,307	14.0

See footnotes at end of table.

RSE Table 16

Private industry establishments with 100 workers or more: Relative standard errors of mean hourly, weekly, and annual earnings 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						
Meter readers, utilities	\$16.65	8.1%	\$666	8.1%	\$34,639	8.1%
Production, planning, and expediting clerks	19.41	6.7	776	6.7	40,367	6.7
Shipping, receiving, and traffic clerks	12.58	4.1	502	4.1	26,126	4.1
Stock clerks and order fillers	11.93	5.3	476	5.4	24,715	5.4
Weighers, measurers, checkers, and samplers, recordkeeping	16.27	13.2	651	13.2	33,851	13.2
Secretaries and administrative assistants	18.85	4.8	748	4.8	38,856	4.8
Executive secretaries and administrative assistants	22.57	9.0	896	8.9	46,588	8.9
Legal secretaries	22.70	12.7	869	12.7	45,165	12.7
Medical secretaries	13.78	3.4	546	3.5	28,368	3.5
Secretaries, except legal, medical, and executive	16.16	4.2	644	4.2	33,476	4.2
Computer operators	16.33	7.2	653	7.2	33,970	7.2
Data entry and information processing workers	13.59	5.3	542	5.3	28,192	5.3
Data entry keyers	13.25	6.0	528	6.0	27,474	6.0
Word processors and typists	15.49	3.4	620	3.4	32,215	3.4
Insurance claims and policy processing clerks	15.94	4.0	628	4.3	32,630	4.3
Mail clerks and mail machine operators, except postal service	11.32	6.6	450	6.9	23,390	6.9
Office clerks, general	14.85	3.5	590	3.3	30,626	3.3
Farming, fishing, and forestry occupations ..	12.33	17.1	483	15.6	25,140	15.6
Construction and extraction occupations	18.27	3.9	731	3.9	37,967	3.9
First-line supervisors/managers of construction trades and extraction workers	25.24	9.6	1,028	10.8	53,459	10.8
Carpenters	18.24	4.9	729	4.9	37,919	4.9
Construction laborers	11.18	5.8	447	5.8	23,208	5.8
Construction equipment operators	16.09	11.5	644	11.5	33,473	11.5
Operating engineers and other construction equipment operators	16.64	12.9	666	12.9	34,608	12.9
Electricians	23.44	7.9	937	7.9	48,702	7.9
Pipelayers, plumbers, pipefitters, and steamfitters	16.79	6.4	672	6.4	34,895	6.4
Plumbers, pipefitters, and steamfitters	17.25	8.7	690	8.7	35,883	8.7
Helpers, construction trades	12.03	2.1	481	2.1	24,989	2.1
Helpers--electricians	12.20	2.1	488	2.1	25,373	2.1

See footnotes at end of table.

RSE Table 16

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

Occupation ¹	Hourly earnings ²		Weekly earnings ⁴		Annual earnings ⁵	
	Mean	Relative error ³	Mean	Relative error ³	Mean	Relative error ³
Construction and extraction occupations –Continued						
Miscellaneous construction and related workers	\$16.39	14.7%	\$652	15.0%	\$33,896	15.0%
Installation, maintenance, and repair occupations	21.19	3.0	849	3.1	44,159	3.1
First-line supervisors/managers of mechanics, installers, and repairers	30.42	6.9	1,246	8.2	64,741	8.2
Radio and telecommunications equipment installers and repairers	27.34	1.7	1,093	1.7	56,860	1.7
Telecommunications equipment installers and repairers, except line installers	27.34	1.7	1,093	1.7	56,860	1.7
Miscellaneous electrical and electronic equipment mechanics, installers, and repairers	20.00	11.8	800	11.8	41,576	11.8
Electrical and electronics repairers, commercial and industrial equipment	21.28	14.0	851	13.9	44,243	13.9
Aircraft mechanics and service technicians ..	28.08	4.8	1,123	4.8	58,414	4.8
Automotive technicians and repairers	19.32	9.3	794	9.6	41,280	9.6
Automotive service technicians and mechanics	20.30	9.7	841	9.4	43,752	9.4
Bus and truck mechanics and diesel engine specialists	18.60	9.8	744	9.8	38,695	9.8
Heavy vehicle and mobile equipment service technicians and mechanics	20.46	4.6	818	4.6	42,511	4.6
Mobile heavy equipment mechanics, except engines	20.46	4.6	818	4.6	42,511	4.6
Heating, air conditioning, and refrigeration mechanics and installers	21.55	13.2	862	13.2	44,828	13.2
Industrial machinery installation, repair, and maintenance workers	20.11	3.8	803	3.7	41,742	3.7
Industrial machinery mechanics	21.57	5.9	855	5.9	44,372	5.9
Maintenance and repair workers, general ..	18.23	8.7	729	8.7	37,920	8.7
Maintenance workers, machinery	18.46	4.9	758	3.7	39,405	3.7
Millwrights	21.43	7.4	857	7.4	44,585	7.4
Line installers and repairers	23.35	6.3	934	6.3	48,576	6.3
Electrical power-line installers and repairers	21.78	9.1	871	9.1	45,293	9.1
Telecommunications line installers and repairers	25.09	5.0	1,004	5.0	52,184	5.0
Precision instrument and equipment repairers	17.91	8.4	716	8.4	37,248	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
Installation, maintenance, and repair occupations –Continued						
Miscellaneous installation, maintenance, and repair workers	\$15.31	10.1%	\$612	10.1%	\$31,835	10.1%
Helpers--installation, maintenance, and repair workers	12.60	4.1	504	4.1	26,203	4.1
Production occupations	15.47	2.9	615	3.0	31,959	3.0
First-line supervisors/managers of production and operating workers	25.33	5.9	1,014	5.9	52,718	5.9
Electrical, electronics, and electromechanical assemblers	12.77	6.0	506	6.7	26,289	6.7
Electrical and electronic equipment assemblers	12.56	7.6	502	7.6	26,121	7.6
Electromechanical equipment assemblers	13.31	6.9	533	6.9	27,695	6.9
Miscellaneous assemblers and fabricators	14.16	4.9	563	5.0	29,298	5.0
Butchers and other meat, poultry, and fish processing workers	10.42	5.1	417	5.1	21,674	5.1
Butchers and meat cutters	13.90	5.4	556	5.4	28,917	5.4
Meat, poultry, and fish cutters and trimmers	9.45	3.2	378	3.2	19,663	3.2
Miscellaneous food processing workers	11.42	13.2	457	13.2	23,757	13.2
Computer control programmers and operators	16.50	7.3	660	7.3	34,321	7.3
Computer-controlled machine tool operators, metal and plastic	16.27	6.5	651	6.5	33,835	6.5
Forming machine setters, operators, and tenders, metal and plastic	16.97	12.3	654	12.4	33,926	12.4
Extruding and drawing machine setters, operators, and tenders, metal and plastic	14.96	6.4	572	4.2	29,738	4.2
Machine tool cutting setters, operators, and tenders, metal and plastic	12.10	16.2	482	16.1	25,082	16.1
Cutting, punching, and press machine setters, operators, and tenders, metal and plastic	11.28	15.5	451	15.5	23,469	15.5
Grinding, lapping, polishing, and buffing machine tool setters, operators, and tenders, metal and plastic	14.54	13.0	567	13.7	29,464	13.7
Machinists	19.98	5.8	799	5.8	41,564	5.8
Molders and molding machine setters, operators, and tenders, metal and plastic	12.83	7.0	513	7.0	26,687	7.0

See footnotes at end of table.

RSE Table 16

Private industry establishments with 100 workers or more: Relative standard errors of mean hourly, weekly, and annual earnings 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						
Molding, coremaking, and casting machine setters, operators, and tenders, metal and plastic	\$12.80	7.2%	\$512	7.2%	\$26,633	7.2%
Multiple machine tool setters, operators, and tenders, metal and plastic	16.95	4.9	678	4.9	35,254	4.9
Tool and die makers	21.23	9.3	849	9.3	44,157	9.3
Welding, soldering, and brazing workers	18.83	6.5	743	6.6	38,553	6.6
Welders, cutters, solderers, and brazers	19.44	7.0	775	7.1	40,325	7.1
Welding, soldering, and brazing machine setters, operators, and tenders	16.08	6.7	604	6.7	31,049	6.7
Miscellaneous metalworkers and plastic workers	17.15	17.2	695	17.5	35,982	17.5
Heat treating equipment setters, operators, and tenders, metal and plastic	11.70	31.6	467	31.5	24,274	31.5
Plating and coating machine setters, operators, and tenders, metal and plastic	20.82	20.1	837	20.4	43,352	20.4
Printers	17.58	7.0	691	6.1	35,861	6.1
Prepress technicians and workers	17.36	11.6	682	11.3	35,450	11.3
Printing machine operators	17.92	7.1	704	6.0	36,527	6.0
Laundry and dry-cleaning workers	10.59	9.4	409	10.4	21,283	10.4
Sewing machine operators	12.91	10.6	514	10.9	26,739	10.9
Textile machine setters, operators, and tenders	12.56	5.2	500	5.5	25,989	5.5
Textile cutting machine setters, operators, and tenders	13.31	20.5	532	20.5	27,682	20.5
Textile knitting and weaving machine setters, operators, and tenders	12.66	1.6	506	1.6	26,324	1.6
Textile winding, twisting, and drawing out machine setters, operators, and tenders	12.40	7.5	492	8.0	25,572	8.0
Miscellaneous textile, apparel, and furnishings workers	14.89	7.6	591	7.6	30,636	7.6
Extruding and forming machine setters, operators, and tenders, synthetic and glass fibers	16.26	12.1	640	12.8	33,271	12.8
Upholsterers	17.62	13.6	703	13.4	36,540	13.4
Woodworking machine setters, operators, and tenders	13.56	2.1	541	2.0	28,123	2.0
Sawing machine setters, operators, and tenders, wood	13.06	3.4	521	3.2	27,083	3.2
Woodworking machine setters, operators, and tenders, except sawing	13.94	.3	556	.5	28,915	.5

See footnotes at end of table.

RSE Table 16

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

Occupation ¹	Hourly earnings ²		Weekly earnings ⁴		Annual earnings ⁵	
	Mean	Relative error ³	Mean	Relative error ³	Mean	Relative error ³
Production occupations –Continued						
Power plant operators, distributors, and dispatchers	\$26.97	21.6%	\$1,079	21.6%	\$56,088	21.6%
Power plant operators	21.34	16.1	854	16.1	44,394	16.1
Miscellaneous plant and system operators	21.99	5.1	874	4.7	45,431	4.7
Chemical plant and system operators	22.65	6.6	896	6.3	46,600	6.3
Chemical processing machine setters, operators, and tenders	18.75	14.2	750	14.2	39,008	14.2
Chemical equipment operators and tenders	18.99	16.6	760	16.6	39,498	16.6
Crushing, grinding, polishing, mixing, and blending workers	17.71	9.3	696	9.5	36,186	9.5
Grinding and polishing workers, hand	12.35	3.6	494	3.6	25,697	3.6
Mixing and blending machine setters, operators, and tenders	18.09	7.0	706	7.0	36,687	7.0
Cutting workers	15.18	9.4	607	9.4	31,584	9.4
Cutters and trimmers, hand	16.59	12.7	663	12.7	34,499	12.7
Cutting and slicing machine setters, operators, and tenders	14.48	11.4	579	11.4	30,121	11.4
Extruding, forming, pressing, and compacting machine setters, operators, and tenders	13.37	36.3	530	35.1	27,564	35.1
Furnace, kiln, oven, drier, and kettle operators and tenders	19.28	17.6	771	17.6	40,112	17.6
Inspectors, testers, sorters, samplers, and weighers	15.25	4.3	607	4.5	31,572	4.5
Packaging and filling machine operators and tenders	14.01	9.2	560	9.2	29,134	9.2
Painting workers	17.28	11.4	691	11.4	35,953	11.4
Coating, painting, and spraying machine setters, operators, and tenders	17.01	9.7	680	9.7	35,384	9.7
Painters, transportation equipment	20.14	13.3	806	13.3	41,898	13.3
Miscellaneous production workers	14.79	6.2	586	6.4	30,434	6.4
Molders, shapers, and casters, except metal and plastic	16.05	4.1	642	4.1	33,392	4.1
Paper goods machine setters, operators, and tenders	21.99	8.3	880	8.3	45,747	8.3
Helpers--production workers	11.58	6.7	455	6.4	23,610	6.4
Transportation and material moving occupations	15.78	4.2	631	3.9	32,786	3.9
First-line supervisors/managers of helpers, laborers, and material movers, hand	21.31	8.1	906	7.1	47,102	7.1

See footnotes at end of table.

RSE Table 16

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

Occupation ¹	Hourly earnings ²		Weekly earnings ⁴		Annual earnings ⁵	
	Mean	Relative error ³	Mean	Relative error ³	Mean	Relative error ³
Transportation and material moving occupations –Continued						
First-line supervisors/managers of transportation and material-moving machine and vehicle operators	\$23.50	6.2%	\$953	7.0%	\$49,555	7.0%
Aircraft pilots and flight engineers	128.18	9.9	2,507	4.7	130,382	4.7
Airline pilots, copilots, and flight engineers	128.18	9.9	2,507	4.7	130,382	4.7
Bus drivers	10.81	12.8	421	13.9	21,848	13.9
Driver/sales workers and truck drivers	18.14	4.2	771	3.5	40,091	3.5
Driver/sales workers	17.34	18.0	732	16.7	38,083	16.7
Truck drivers, heavy and tractor-trailer	17.85	4.6	789	3.9	41,040	3.9
Truck drivers, light or delivery services	18.67	9.7	747	9.7	38,832	9.7
Crane and tower operators	19.80	4.2	785	4.1	40,833	4.1
Industrial truck and tractor operators	14.49	4.5	579	4.5	30,103	4.5
Laborers and material movers, hand	11.23	2.5	447	2.5	23,235	2.5
Cleaners of vehicles and equipment	10.69	6.1	432	6.1	22,483	6.1
Laborers and freight, stock, and material movers, hand	11.71	3.8	467	3.8	24,251	3.8
Machine feeders and offbearers	11.23	6.1	449	6.2	23,355	6.2
Packers and packagers, hand	9.81	5.8	387	6.7	20,086	6.7

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	2.1%	2.9%	2.3%	2.6%	2.9%	1.3%
Management, professional, and related	2.4	9.5	2.5	3.3	3.8	1.3
Management, business, and financial	10.6	21.8	11.5	1.7	1.6	4.6
Professional and related	2.1	10.7	1.9	5.0	6.3	1.4
Service	2.6	4.1	3.5	1.7	1.9	2.0
Sales and office	2.1	2.6	3.9	1.7	1.8	1.9
Sales and related	5.5	5.8	–	3.4	3.4	11.5
Office and administrative support	2.2	2.3	3.9	1.2	1.4	1.9
Natural resources, construction, and maintenance	3.4	3.9	4.6	1.5	1.5	1.7
Construction and extraction	3.1	3.6	7.2	1.6	1.7	1.9
Installation, maintenance, and repair	5.4	6.4	2.8	2.4	2.6	3.2
Production, transportation, and material moving	6.2	6.6	2.4	2.4	2.5	4.4
Production	4.8	4.9	8.2	2.8	2.9	4.6
Transportation and material moving ...	11.0	12.7	2.7	3.3	3.5	4.8

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	-	5.2%	2.5%	-	-	-	8.8%	3.8%	-
Management, professional, and related	-	2.2	3.9	-	-	-	12.2	7.1	-
Management, business, and financial	-	5.1	3.9	-	-	-	4.8	9.8	-
Professional and related	-	1.8	8.0	-	-	-	14.3	7.6	-
Service	-	9.1	3.4	-	-	-	2.4	3.4	-
Sales and office	-	4.9	2.8	-	-	-	2.1	4.1	-
Sales and related	-	9.4	4.0	-	-	-	16.3	7.5	-
Office and administrative support	-	4.3	1.7	-	-	-	2.1	7.0	-
Natural resources, construction, and maintenance	-	4.3	3.2	-	-	-	7.5	15.8	-
Installation, maintenance, and repair	-	5.0	3.1	-	-	-	8.5	16.1	-
Production, transportation, and material moving	-	3.2	4.2	-	-	-	4.5	7.3	-
Production	-	3.3	7.7	-	-	-	4.1	10.1	-
Transportation and material moving	-	3.0	4.7	-	-	-	5.0	6.0	-

¹ Industry sectors are determined by the 2002 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	\$20.99	1.9%	\$829	1.9%	\$43,120	1.9%
Level 1	9.39	3.0	375	3.0	19,495	3.0
Level 2	10.56	2.5	417	2.7	21,671	2.7
Level 3	11.75	1.8	463	2.1	24,102	2.1
Level 4	13.89	1.5	551	1.5	28,655	1.5
Level 5	16.43	3.1	654	3.2	34,004	3.2
Level 6	19.65	3.1	781	3.0	40,613	3.0
Level 7	23.83	1.7	941	1.8	48,929	1.8
Level 8	26.76	1.5	1,042	2.0	54,170	2.0
Level 9	28.55	2.0	1,119	2.2	58,206	2.2
Level 10	38.64	5.3	1,530	5.3	79,584	5.3
Level 11	39.37	6.6	1,580	7.0	82,146	7.0
Level 12	50.48	8.0	2,047	7.6	106,468	7.6
Level 13	52.05	19.3	2,082	19.3	108,272	19.3
Not able to be leveled	25.34	8.7	1,006	8.6	52,337	8.6
Management occupations	45.18	6.0	1,839	6.7	95,622	6.7
Level 9	33.80	5.8	1,352	5.8	70,301	5.8
Level 11	41.04	4.8	1,722	7.4	89,536	7.4
Level 13	52.05	19.3	2,082	19.3	108,272	19.3
Not able to be leveled	43.68	6.4	1,735	6.4	90,241	6.4
Financial managers	41.92	7.2	1,677	7.2	87,196	7.2
Medical and health services managers	47.64	7.6	1,947	8.7	101,234	8.7
Level 11	41.41	5.4	1,733	7.9	90,122	7.9
Not able to be leveled	44.57	6.8	1,767	7.0	91,891	7.0
Business and financial operations occupations	26.90	7.3	1,072	7.2	55,757	7.2
Level 9	29.49	11.3	1,180	11.3	61,335	11.3
Human resources, training, and labor relations specialists	29.02	13.0	1,121	10.8	58,297	10.8
Computer and mathematical science occupations	29.99	5.5	1,199	5.5	62,372	5.5
Life, physical, and social science occupations	23.45	5.5	938	5.5	48,768	5.5
Community and social services occupations	20.25	7.2	795	7.6	41,324	7.6
Level 8	22.92	7.8	893	8.6	46,443	8.6
Level 9	23.18	6.7	927	6.7	48,204	6.7
Social workers	21.93	6.0	863	6.3	44,873	6.3
Level 9	22.66	8.0	906	8.0	47,129	8.0
Medical and public health social workers	23.84	6.5	954	6.5	49,590	6.5

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
Community and social services occupations						
–Continued						
Mental health and substance abuse social workers	\$20.90	6.6%	\$811	6.9%	\$42,187	6.9%
Miscellaneous community and social service specialists	13.96	7.0	544	6.8	28,310	6.8
Healthcare practitioner and technical occupations	25.65	2.0	1,006	2.1	52,318	2.1
Level 3	10.18	2.6	371	5.9	19,294	5.9
Level 4	15.01	2.9	595	3.1	30,957	3.1
Level 5	18.47	4.1	734	4.1	38,182	4.1
Level 6	21.11	2.9	839	2.7	43,615	2.7
Level 7	24.51	1.8	965	1.9	50,155	1.9
Level 8	27.05	1.6	1,052	2.2	54,708	2.2
Level 9	28.58	2.1	1,117	2.3	58,095	2.3
Level 10	41.20	5.3	1,638	5.1	85,170	5.1
Level 11	44.17	11.2	1,749	11.4	90,964	11.4
Not able to be leveled	24.74	7.1	970	7.3	50,463	7.3
Pharmacists	47.36	1.1	1,872	1.5	97,360	1.5
Level 9	47.20	2.6	1,860	5.0	96,743	5.0
Level 10	47.72	1.3	1,886	1.3	98,059	1.3
Level 11	47.33	1.4	1,875	1.8	97,518	1.8
Physicians and surgeons	35.28	31.4	1,508	31.2	78,409	31.2
Registered nurses	28.34	2.0	1,099	2.1	57,135	2.1
Level 6	22.11	9.1	855	8.9	44,474	8.9
Level 7	24.35	2.3	952	2.4	49,427	2.4
Level 8	27.46	2.2	1,056	2.5	54,910	2.5
Level 9	28.12	1.6	1,090	1.9	56,690	1.9
Level 10	42.26	8.2	1,687	8.1	87,729	8.1
Level 11	44.50	13.9	1,761	14.1	91,593	14.1
Not able to be leveled	27.78	3.5	1,074	4.8	55,826	4.8
Therapists	26.44	3.7	1,050	3.8	54,601	3.8
Level 7	23.23	3.8	915	4.0	47,572	4.0
Level 8	27.55	6.2	1,098	6.3	57,095	6.3
Level 9	29.01	2.7	1,159	2.7	60,260	2.7
Occupational therapists	30.30	2.4	1,212	2.4	63,034	2.4
Level 9	31.59	3.6	1,263	3.6	65,702	3.6
Respiratory therapists	24.27	2.6	957	2.9	49,788	2.9
Level 7	23.33	3.8	918	3.9	47,753	3.9
Level 8	24.56	3.5	974	4.1	50,654	4.1
Clinical laboratory technologists and technicians	21.21	3.8	845	3.9	43,936	3.9

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 –Continued						
Level 4	\$15.21	6.5%	\$608	6.5%	\$31,641	6.5%
Level 5	16.48	5.4	649	6.3	33,737	6.3
Level 6	20.12	13.4	805	13.4	41,849	13.4
Level 7	23.53	2.6	941	2.6	48,937	2.6
Level 8	24.83	2.4	989	2.4	51,411	2.4
Level 9	28.30	9.1	1,132	9.1	58,865	9.1
Medical and clinical laboratory						
technologists	24.66	3.6	985	3.6	51,210	3.6
Level 7	23.55	2.7	942	2.7	48,976	2.7
Level 8	24.89	2.6	991	2.6	51,528	2.6
Level 9	28.43	9.7	1,137	9.7	59,136	9.7
Medical and clinical laboratory						
technicians	15.15	6.8	601	7.0	31,252	7.0
Level 4	15.74	5.4	629	5.4	32,733	5.4
Diagnostic related technologists and						
technicians	24.67	2.9	973	3.5	50,598	3.5
Level 5	24.31	14.1	972	14.1	50,555	14.1
Level 6	23.49	2.7	940	2.7	48,859	2.7
Level 7	26.58	5.3	1,059	5.3	55,074	5.3
Level 8	24.67	3.2	987	3.2	51,320	3.2
Cardiovascular technologists and						
technicians	21.19	16.6	806	20.6	41,890	20.6
Radiologic technologists and technicians ..						
Level 5	20.10	5.3	804	5.3	41,807	5.3
Level 6	23.34	3.3	934	3.3	48,548	3.3
Level 7	26.10	5.8	1,041	5.7	54,109	5.7
Level 8	24.52	4.7	981	4.7	51,003	4.7
Health diagnosing and treating practitioner						
support technicians	16.00	8.8	637	8.7	33,124	8.7
Level 4	13.19	4.5	524	4.3	27,260	4.3
Level 5	16.10	5.3	644	5.3	33,489	5.3
Level 6	17.88	5.9	715	5.9	37,197	5.9
Level 7	22.16	15.3	871	16.2	45,298	16.2
Pharmacy technicians						
Level 4	13.82	3.6	551	3.6	28,633	3.6
Level 4	13.78	3.7	549	3.6	28,545	3.6
Psychiatric technicians						
Level 4	12.01	3.8	480	3.8	24,982	3.8
Surgical technologists						
Level 5	19.77	12.8	786	12.9	40,897	12.9
Level 5	16.59	4.6	664	4.6	34,510	4.6

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						
Licensed practical and licensed vocational nurses	\$17.36	4.6%	\$690	4.6%	\$35,865	4.6%
Level 4	15.72	4.0	628	4.0	32,671	4.0
Level 5	18.38	6.5	733	6.5	38,128	6.5
Level 6	19.53	7.5	774	7.7	40,266	7.7
Medical records and health information technicians	16.31	5.3	641	5.9	33,358	5.9
Level 3	9.97	7.4	395	7.0	20,543	7.0
Level 4	15.66	2.0	609	4.4	31,658	4.4
Miscellaneous health technologists and technicians	17.97	7.9	719	7.9	37,368	7.9
Level 4	17.00	11.9	680	11.9	35,355	11.9
Healthcare support occupations	12.13	1.8	478	1.8	24,873	1.8
Level 2	10.81	3.3	421	3.7	21,889	3.7
Level 3	11.90	3.6	472	3.8	24,539	3.8
Level 4	12.78	2.3	505	2.1	26,258	2.1
Level 5	13.53	10.4	541	10.4	28,129	10.4
Nursing, psychiatric, and home health aides	11.28	2.1	442	2.2	22,974	2.2
Level 2	10.55	2.2	408	2.5	21,239	2.5
Level 3	11.44	3.3	452	3.5	23,508	3.5
Level 4	12.28	3.8	480	3.3	24,975	3.3
Nursing aides, orderlies, and attendants	11.32	2.6	442	2.7	22,966	2.7
Level 2	10.55	2.2	408	2.5	21,239	2.5
Level 3	11.56	3.5	456	3.7	23,726	3.7
Level 4	12.79	2.8	496	2.9	25,767	2.9
Physical therapist assistants and aides	15.50	18.6	619	18.6	32,196	18.6
Miscellaneous healthcare support occupations	13.50	2.7	539	2.7	28,042	2.7
Level 2	12.03	9.0	481	9.0	25,029	9.0
Level 3	12.81	6.1	511	6.1	26,593	6.1
Level 4	13.33	2.7	532	2.7	27,669	2.7
Medical assistants	15.09	6.4	603	6.3	31,364	6.3
Level 4	13.79	2.7	552	2.7	28,693	2.7
Medical equipment preparers	12.85	7.7	514	7.7	26,728	7.7
Medical transcriptionists	14.07	2.1	561	2.0	29,146	2.0
Level 4	14.13	4.0	560	4.0	29,139	4.0
Protective service occupations	12.37	3.6	495	3.6	25,721	3.6
Security guards and gaming surveillance officers	12.33	3.7	493	3.7	25,645	3.7

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
Protective service occupations –Continued						
Security guards	\$12.33	3.7%	\$493	3.7%	\$25,645	3.7%
Food preparation and serving related occupations	10.91	5.5	436	5.5	22,692	5.5
Level 1	9.50	1.0	380	1.0	19,761	1.0
Level 2	9.28	5.4	371	5.4	19,299	5.4
Level 3	10.51	5.3	420	5.3	21,839	5.3
Cooks	11.69	7.6	468	7.6	24,324	7.6
Level 3	10.68	8.2	427	8.2	22,219	8.2
Cooks, institution and cafeteria	11.69	7.6	468	7.6	24,324	7.6
Level 3	10.68	8.2	427	8.2	22,219	8.2
Food preparation workers	10.25	4.9	410	4.9	21,315	4.9
Food servers, nonrestaurant	11.42	13.2	457	13.2	23,755	13.2
Building and grounds cleaning and maintenance occupations	10.22	3.2	408	3.2	21,226	3.2
Level 1	9.62	5.1	383	5.0	19,936	5.0
Level 2	10.10	3.1	404	3.1	20,989	3.1
Level 3	10.69	3.2	427	3.2	22,229	3.2
Building cleaning workers	9.95	2.2	397	2.2	20,652	2.2
Level 1	9.62	5.1	383	5.0	19,936	5.0
Level 2	10.10	3.1	404	3.1	20,989	3.1
Level 3	10.69	3.2	427	3.2	22,229	3.2
Janitors and cleaners, except maids and housekeeping cleaners	9.73	2.4	389	2.4	20,245	2.4
Level 1	9.15	1.1	366	1.1	19,033	1.1
Level 2	10.13	4.2	405	4.2	21,077	4.2
Level 3	10.76	3.7	430	3.7	22,378	3.7
Maids and housekeeping cleaners	10.23	4.3	407	4.3	21,174	4.3
Level 1	10.51	10.2	416	10.2	21,643	10.2
Personal care and service occupations	11.73	21.3	469	21.3	24,390	21.3
Office and administrative support occupations	13.81	2.4	549	2.4	28,561	2.4
Level 2	11.06	7.9	443	7.9	23,013	7.9
Level 3	12.21	1.8	483	1.8	25,108	1.8
Level 4	13.72	1.7	546	1.8	28,374	1.8
Level 5	15.82	2.6	631	2.6	32,832	2.6
Level 6	17.90	3.8	713	4.0	37,076	4.0
Level 7	22.62	5.7	905	5.7	47,053	5.7
Not able to be leveled	17.85	11.7	714	11.7	37,137	11.7

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
Office and administrative support occupations –Continued						
First-line supervisors/managers of office and administrative support workers	\$22.95	8.2%	\$918	8.2%	\$47,743	8.2%
Financial clerks	14.49	3.6	580	3.6	30,149	3.6
Level 3	13.23	11.9	529	11.9	27,523	11.9
Level 4	14.24	2.7	570	2.7	29,620	2.7
Level 5	15.47	1.9	619	1.9	32,176	1.9
Bill and account collectors	13.61	8.5	544	8.5	28,306	8.5
Level 4	15.18	4.4	607	4.4	31,585	4.4
Billing and posting clerks and machine operators	14.85	5.1	594	5.1	30,885	5.1
Level 4	14.02	3.4	561	3.4	29,160	3.4
Bookkeeping, accounting, and auditing clerks	15.19	9.1	608	9.1	31,601	9.1
Customer service representatives	14.08	4.9	556	4.7	28,928	4.7
File clerks	10.83	5.7	428	5.4	22,259	5.4
Interviewers, except eligibility and loan	12.42	6.0	497	6.0	25,842	6.0
Level 4	12.61	7.8	504	7.8	26,223	7.8
Receptionists and information clerks	11.73	11.5	468	11.4	24,336	11.4
Level 2	11.29	20.4	452	20.4	23,488	20.4
Stock clerks and order fillers	10.95	4.0	438	4.0	22,766	4.0
Secretaries and administrative assistants	14.83	3.5	586	3.7	30,493	3.7
Level 3	12.69	3.8	493	4.1	25,623	4.1
Level 4	13.98	1.3	554	1.9	28,782	1.9
Level 5	16.32	5.4	653	5.4	33,935	5.4
Level 6	18.23	6.7	729	6.7	37,919	6.7
Executive secretaries and administrative assistants	19.26	6.7	770	6.7	40,060	6.7
Medical secretaries	13.67	2.9	537	3.1	27,946	3.1
Level 3	12.11	2.9	464	3.2	24,122	3.2
Level 4	13.47	1.7	532	2.3	27,638	2.3
Secretaries, except legal, medical, and executive	14.92	4.0	597	3.9	31,018	3.9
Level 4	15.82	3.3	632	3.3	32,887	3.3
Office clerks, general	12.61	4.3	497	4.3	25,820	4.3
Level 3	11.66	5.9	461	5.1	23,972	5.1
Level 4	14.47	4.3	563	5.1	29,288	5.1
Installation, maintenance, and repair occupations	16.72	2.5	669	2.5	34,787	2.5
Level 5	16.30	2.2	652	2.2	33,906	2.2

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
Installation, maintenance, and repair occupations –Continued						
Industrial machinery installation, repair, and maintenance workers	\$16.79	3.0%	\$672	3.0%	\$34,920	3.0%
Maintenance and repair workers, general ..	16.94	3.2	678	3.2	35,245	3.2
Production occupations	13.08	8.4	523	8.4	27,211	8.4
Transportation and material moving occupations	12.65	2.9	489	2.5	25,428	2.5

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	\$1,420	6.4%	\$73,198	6.4%
First line	1,461	4.3	75,835	4.3
Second line	2,363	11.8	122,862	11.8
Third line	3,553	7.0	184,770	7.0
Chief executives				
Second line	3,440	22.0	178,867	22.0
General and operations managers				
Team leader	1,454	16.5	75,628	16.5
First line	1,484	5.5	77,158	5.5
Second line	2,826	20.1	146,927	20.1
Advertising and promotions managers				
First line	1,301	26.9	67,631	26.9
Marketing managers				
First line	1,876	9.6	97,532	9.6
Sales managers				
First line	1,552	14.1	80,697	14.1
Public relations managers				
First line	1,393	23.4	72,412	23.4
Administrative services managers				
Team leader	1,016	5.2	52,809	5.2
First line	1,210	15.7	62,913	15.7
Computer and information systems managers				
Team leader	1,473	17.5	76,607	17.5
First line	2,198	10.7	114,284	10.7
Financial managers				
Team leader	1,426	7.6	74,156	7.6
First line	1,561	5.6	81,148	5.6
Second line	1,924	12.5	100,043	12.5
Industrial production managers				
First line	1,117	7.5	58,078	7.5
Second line	1,666	19.8	86,629	19.8
Construction managers				
Team leader	1,575	19.9	81,877	19.9
First line	1,577	7.5	81,900	7.5
Education administrators, elementary and secondary school				
Team leader	1,477	5.0	72,316	5.0
First line	1,771	6.0	89,018	6.0
Education administrators, postsecondary				
Team leader	1,465	10.8	73,314	10.8
First line	1,531	9.9	77,730	9.9
Engineering managers				
First line	2,238	9.5	116,391	9.5

See footnotes at end of table.

RSE Table 21

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

Occupation ¹	Weekly ²		Annual ⁴	
	Mean earnings	Relative error ³	Mean earnings	Relative error ³
Management occupations –Continued				
Food service managers				
First line	\$887	10.8%	\$46,105	10.8%
Lodging managers				
First line	861	13.4	44,748	13.4
Medical and health services managers				
Team leader	1,071	10.9	55,689	10.9
First line	1,535	6.5	79,822	6.5
Property, real estate, and community association managers				
Team leader	923	7.6	47,999	7.6
First line	1,073	14.6	55,784	14.6
Social and community service managers				
First line	1,012	6.5	52,625	6.5

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.