

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	\$24.96	1.2%	\$990	1.3%	\$50,456	1.3%
Management occupations	46.17	3.4	1,870	3.3	96,570	3.3
Chief executives	99.40	28.9	4,350	29.7	225,233	29.7
General and operations managers	47.81	5.6	1,943	5.3	101,040	5.3
Marketing and sales managers	49.10	6.8	2,025	6.1	105,278	6.1
Marketing managers	49.58	3.8	2,014	4.0	104,719	4.0
Sales managers	48.65	15.3	2,035	14.5	105,813	14.5
Public relations managers	54.02	18.5	2,129	19.4	110,717	19.4
Administrative services managers	36.36	6.7	1,464	6.6	76,046	6.6
Computer and information systems managers	56.19	5.5	2,333	5.9	121,323	5.9
Financial managers	48.89	4.8	1,987	4.6	103,133	4.6
Human resources managers	47.07	9.1	1,876	8.4	97,557	8.4
Industrial production managers	46.99	4.0	1,884	3.9	97,992	3.9
Purchasing managers	49.90	3.8	2,041	4.6	106,143	4.6
Transportation, storage, and distribution managers	37.95	4.7	1,522	5.5	79,163	5.5
Construction managers	44.40	5.6	1,788	5.2	92,975	5.2
Education administrators	41.55	4.7	1,664	4.6	79,660	4.6
Education administrators, preschool and child care center/program	21.86	13.8	875	13.8	42,431	13.8
Education administrators, elementary and secondary school	52.97	4.0	2,126	3.8	100,733	3.8
Education administrators, postsecondary ..	36.17	6.4	1,462	5.9	75,418	5.9
Engineering managers	61.00	2.7	2,447	2.8	127,269	2.8
Food service managers	24.63	12.7	1,043	12.4	53,816	12.4
Lodging managers	36.57	27.0	1,534	23.7	79,787	23.7
Medical and health services managers	46.58	3.8	1,859	3.8	96,682	3.8
Natural sciences managers	44.56	5.1	1,782	5.1	92,677	5.1
Property, real estate, and community association managers	24.37	14.7	976	14.1	50,748	14.1
Social and community service managers	29.43	5.5	1,183	5.8	61,386	5.8
Business and financial operations occupations	32.83	1.6	1,321	1.8	68,649	1.8
Buyers and purchasing agents	33.49	6.2	1,377	7.6	71,583	7.6
Wholesale and retail buyers, except farm products	31.08	10.6	1,248	10.6	64,882	10.6
Purchasing agents, except wholesale, retail, and farm products	34.58	9.3	1,439	11.3	74,805	11.3
Claims adjusters, appraisers, examiners, and investigators	27.14	5.7	1,070	5.6	55,634	5.6
Claims adjusters, examiners, and investigators	27.32	5.4	1,076	5.5	55,969	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
Business and financial operations occupations –Continued						
Compliance officers, except agriculture, construction, health and safety, and transportation	\$32.42	9.9%	\$1,307	10.4%	\$67,972	10.4%
Cost estimators	33.94	11.7	1,357	11.7	70,567	11.7
Human resources, training, and labor relations specialists	31.08	3.6	1,248	3.6	64,873	3.6
Employment, recruitment, and placement specialists	29.19	13.5	1,164	13.8	60,506	13.8
Compensation, benefits, and job analysis specialists	27.49	5.0	1,106	4.8	57,493	4.8
Training and development specialists	28.48	8.4	1,151	8.7	59,827	8.7
Logisticians	32.72	14.2	1,309	14.2	68,063	14.2
Management analysts	37.22	4.3	1,498	4.3	77,874	4.3
Meeting and convention planners	27.91	6.9	1,107	6.4	57,579	6.4
Accountants and auditors	30.93	3.3	1,237	3.3	64,317	3.3
Appraisers and assessors of real estate	28.15	10.8	1,126	10.8	58,559	10.8
Budget analysts	29.78	8.9	1,191	8.9	61,938	8.9
Credit analysts	33.76	13.2	1,350	13.2	70,217	13.2
Financial analysts and advisors	36.43	4.8	1,459	4.7	75,853	4.7
Financial analysts	38.17	5.9	1,532	5.7	79,655	5.7
Personal financial advisors	31.52	21.4	1,261	21.4	65,569	21.4
Insurance underwriters	34.85	10.1	1,388	10.2	72,182	10.2
Loan counselors and officers	32.24	31.7	1,292	31.8	67,161	31.8
Loan officers	32.71	32.9	1,310	33.1	68,128	33.1
Tax examiners, collectors, preparers, and revenue agents	24.18	9.3	967	9.3	50,301	9.3
Tax examiners, collectors, and revenue agents	25.19	9.3	1,008	9.3	52,404	9.3
Computer and mathematical science occupations						
Computer programmers	41.94	6.8	1,667	6.9	86,677	6.9
Computer software engineers	46.93	2.6	1,943	2.6	101,051	2.6
Computer software engineers, applications software	44.52	4.8	1,863	3.9	96,871	3.9
Computer software engineers, systems software	49.51	4.7	2,027	5.1	105,418	5.1
Computer support specialists	27.63	5.7	1,113	6.0	57,614	6.0
Computer systems analysts	37.97	2.3	1,537	2.5	79,939	2.5
Database administrators	41.18	9.9	1,629	9.7	84,727	9.7
Network and computer systems administrators	33.09	4.8	1,307	5.3	67,782	5.3

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
Computer and mathematical science occupations –Continued						
Network systems and data communications analysts	\$37.18	5.3%	\$1,487	6.2%	\$77,337	6.2%
Architecture and engineering occupations	40.79	2.0	1,648	2.0	85,491	2.0
Architects, except naval	34.86	3.3	1,425	3.4	74,083	3.4
Architects, except landscape and naval	35.27	4.0	1,443	4.4	75,046	4.4
Engineers	46.40	3.2	1,882	3.5	97,850	3.5
Aerospace engineers	56.41	3.1	2,257	3.1	117,342	3.1
Civil engineers	40.07	4.3	1,604	4.3	83,391	4.3
Computer hardware engineers	49.23	9.1	2,057	11.1	106,944	11.1
Electrical and electronics engineers	45.41	6.7	1,862	6.1	96,829	6.1
Electrical engineers	49.50	7.4	1,980	7.4	102,962	7.4
Electronics engineers, except computer	43.75	8.9	1,812	9.1	94,247	9.1
Environmental engineers	37.52	14.8	1,561	13.9	81,153	13.9
Industrial engineers, including health and safety	40.07	4.4	1,631	4.9	84,835	4.9
Industrial engineers	40.97	3.6	1,668	4.3	86,762	4.3
Mechanical engineers	45.05	5.5	1,864	6.8	96,942	6.8
Nuclear engineers	45.76	.4	1,830	.4	95,174	.4
Petroleum engineers	53.77	4.8	2,151	4.8	106,069	4.8
Drafters	27.95	6.9	1,118	6.9	58,129	6.9
Architectural and civil drafters	24.30	3.6	972	3.6	50,535	3.6
Engineering technicians, except drafters	28.30	3.9	1,132	3.8	57,939	3.8
Aerospace engineering and operations technicians	30.38	4.5	1,215	4.5	63,189	4.5
Civil engineering technicians	25.23	5.3	1,009	5.3	52,478	5.3
Electrical and electronic engineering technicians	27.38	4.0	1,095	4.0	56,950	4.0
Industrial engineering technicians	30.25	7.5	1,210	7.5	62,922	7.5
Surveying and mapping technicians	27.27	9.4	1,091	9.4	56,713	9.4
Life, physical, and social science occupations	33.23	5.6	1,347	6.1	69,447	6.1
Life scientists	33.81	9.7	1,354	9.8	69,810	9.8
Biological scientists	33.58	10.2	1,346	10.4	69,397	10.4
Biochemists and biophysicists	33.56	18.4	1,344	18.5	69,325	18.5
Conservation scientists and foresters	26.75	9.7	1,070	9.7	55,285	9.7
Conservation scientists	24.18	3.8	967	3.8	50,303	3.8
Medical scientists	38.30	24.1	1,532	24.1	79,667	24.1
Physical scientists	33.28	4.9	1,381	4.0	71,794	4.0
Chemists and materials scientists	30.98	6.4	1,245	6.2	64,766	6.2
Chemists	30.98	6.4	1,245	6.2	64,766	6.2
Environmental scientists and geoscientists	31.69	5.0	1,347	4.0	70,022	4.0

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
Life, physical, and social science occupations						
–Continued						
Environmental scientists and specialists, including health	\$33.62	7.8%	\$1,355	8.0%	\$70,445	8.0%
Geoscientists, except hydrologists and geographers	28.78	4.0	1,332	5.7	69,290	5.7
Market and survey researchers	48.20	6.7	2,081	6.9	108,201	6.9
Market research analysts	48.20	6.7	2,081	6.9	108,201	6.9
Psychologists	39.21	5.3	1,562	5.1	71,033	5.1
Clinical, counseling, and school psychologists	38.74	5.2	1,543	5.1	69,622	5.1
Urban and regional planners	39.46	5.6	1,564	5.0	81,329	5.0
Agricultural and food science technicians	19.77	10.7	785	10.3	40,410	10.3
Biological technicians	22.58	6.4	899	6.5	46,772	6.5
Miscellaneous life, physical, and social science technicians	25.39	14.2	1,014	14.2	52,735	14.2
Community and social services occupations	25.05	3.1	992	3.1	50,139	3.1
Counselors	25.69	6.4	1,007	6.4	49,593	6.4
Substance abuse and behavioral disorder counselors	35.66	16.0	1,426	16.0	74,175	16.0
Educational, vocational, and school counselors	31.62	4.0	1,239	3.8	56,628	3.8
Mental health counselors	22.88	15.8	907	15.1	46,068	15.1
Rehabilitation counselors	14.19	10.8	541	11.6	28,141	11.6
Social workers	26.82	5.1	1,074	5.1	55,305	5.1
Child, family, and school social workers ..	24.25	5.4	969	5.4	49,609	5.4
Medical and public health social workers	28.03	7.1	1,119	7.1	58,162	7.1
Mental health and substance abuse social workers	32.10	14.9	1,301	14.1	66,514	14.1
Miscellaneous community and social service specialists	22.66	4.9	902	4.9	45,927	4.9
Health educators	32.24	20.3	1,290	20.3	67,056	20.3
Probation officers and correctional treatment specialists	30.70	7.2	1,230	7.2	63,217	7.2
Social and human service assistants	17.44	4.3	694	4.4	34,817	4.4
Legal occupations	48.76	13.4	1,936	13.9	100,649	13.9
Lawyers	66.02	12.3	2,638	13.0	137,198	13.0
Paralegals and legal assistants	28.25	3.5	1,106	3.4	57,516	3.4
Miscellaneous legal support workers	27.53	12.9	1,101	12.9	57,252	12.9
Title examiners, abstractors, and searchers	29.05	16.2	1,162	16.2	60,431	16.2
Education, training, and library occupations	37.92	3.9	1,420	3.8	57,807	3.8

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	\$51.60	5.2%	\$2,018	5.1%	\$87,515	5.1%
Business teachers, postsecondary	64.69	27.6	2,527	28.5	106,998	28.5
Social sciences teachers, postsecondary	58.26	11.2	2,285	12.2	90,433	12.2
Health teachers, postsecondary	72.40	6.2	2,890	6.3	140,779	6.3
Health specialties teachers, postsecondary	77.34	6.4	3,086	6.4	149,558	6.4
Arts, communications, and humanities teachers, postsecondary	50.50	10.9	1,943	11.9	76,553	11.9
Miscellaneous postsecondary teachers	39.08	7.2	1,525	6.9	67,828	6.9
Vocational education teachers, postsecondary	26.32	13.4	1,040	12.9	51,122	12.9
Primary, secondary, and special education						
school teachers	39.05	3.5	1,459	3.1	56,384	3.1
Preschool and kindergarten teachers	16.54	11.2	643	10.6	30,074	10.6
Preschool teachers, except special education	13.32	6.5	522	6.5	25,287	6.5
Kindergarten teachers, except special education	42.95	6.2	1,570	5.4	58,038	5.4
Elementary and middle school teachers	43.04	1.6	1,597	1.2	59,720	1.2
Elementary school teachers, except special education	43.36	1.6	1,607	1.3	60,295	1.3
Middle school teachers, except special and vocational education	41.50	3.1	1,548	2.1	57,013	2.1
Secondary school teachers	42.59	3.6	1,589	3.0	60,440	3.0
Secondary school teachers, except special and vocational education	42.91	3.8	1,605	2.9	60,954	2.9
Vocational education teachers, secondary school	36.52	8.9	1,297	5.8	50,747	5.8
Special education teachers	40.86	4.4	1,490	4.1	56,658	4.1
Special education teachers, preschool, kindergarten, and elementary school Special education teachers, secondary school	40.80	3.9	1,502	3.7	56,737	3.7
school	40.24	10.0	1,435	9.8	55,519	9.8
Other teachers and instructors	40.64	3.6	1,462	3.4	57,855	3.4
Adult literacy, remedial education, and GED teachers and instructors	40.26	14.7	1,441	14.0	58,805	14.0
Librarians	34.86	5.2	1,349	3.9	68,071	3.9
Library technicians	20.97	6.6	824	7.1	40,337	7.1
Instructional coordinators	36.67	12.7	1,452	12.4	66,429	12.4
Teacher assistants	14.76	3.5	506	4.0	22,194	4.0

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
Arts, design, entertainment, sports, and media occupations	\$29.81	11.3%	\$1,184	10.7%	\$61,232	10.7%
Designers	27.19	9.5	1,077	8.9	55,981	8.9
Graphic designers	24.98	8.6	996	8.7	51,777	8.7
Interior designers	30.04	4.3	1,151	2.1	59,866	2.1
Actors, producers, and directors	42.32	8.7	1,693	8.7	88,023	8.7
Producers and directors	42.32	8.7	1,693	8.7	88,023	8.7
News analysts, reporters and correspondents	23.40	8.4	930	8.5	48,364	8.5
Reporters and correspondents	23.40	8.4	930	8.5	48,364	8.5
Public relations specialists	26.59	5.4	1,055	5.9	54,876	5.9
Writers and editors	32.17	7.3	1,234	7.3	62,340	7.3
Technical writers	38.69	4.1	1,518	4.5	78,919	4.5
Broadcast and sound engineering technicians and radio operators	30.91	11.5	1,290	13.9	67,099	13.9
Broadcast technicians	22.32	7.3	893	7.3	46,425	7.3
Healthcare practitioner and technical occupations	34.98	4.0	1,390	4.2	72,004	4.2
Dietitians and nutritionists	28.57	9.0	1,121	9.6	58,266	9.6
Pharmacists	53.55	1.3	2,135	1.3	111,022	1.3
Physicians and surgeons	59.37	21.6	2,947	20.7	152,590	20.7
Physician assistants	48.31	13.1	1,903	13.1	98,949	13.1
Registered nurses	38.40	2.7	1,489	2.7	77,313	2.7
Therapists	39.11	5.8	1,543	5.9	77,226	5.9
Occupational therapists	41.31	9.3	1,628	9.7	81,944	9.7
Physical therapists	41.38	10.1	1,642	10.2	84,368	10.2
Respiratory therapists	28.19	2.5	1,102	3.1	57,327	3.1
Speech-language pathologists	37.83	4.7	1,455	4.5	58,548	4.5
Clinical laboratory technologists and technicians	23.48	7.0	936	7.0	48,678	7.0
Medical and clinical laboratory technologists	33.20	5.4	1,320	5.5	68,650	5.5
Medical and clinical laboratory technicians	19.38	4.2	773	4.1	40,222	4.1
Dental hygienists	37.61	9.5	1,292	8.0	67,181	8.0
Diagnostic related technologists and technicians	30.56	5.6	1,213	5.7	63,064	5.7
Cardiovascular technologists and technicians	35.45	8.4	1,418	8.4	73,734	8.4
Radiologic technologists and technicians ..	29.31	6.7	1,162	6.9	60,450	6.9
Emergency medical technicians and paramedics	17.77	21.6	761	28.9	39,586	28.9
Health diagnosing and treating practitioner support technicians	20.79	3.9	820	4.1	42,630	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
Healthcare practitioner and technical occupations –Continued						
Pharmacy technicians	\$17.90	4.0%	\$699	4.6%	\$36,341	4.6%
Psychiatric technicians	25.80	5.2	1,029	5.5	53,493	5.5
Surgical technologists	21.59	5.3	850	4.9	44,177	4.9
Licensed practical and licensed vocational nurses	22.15	2.0	862	2.4	44,699	2.4
Medical records and health information technicians	15.91	5.7	637	5.7	33,098	5.7
Miscellaneous health technologists and technicians	20.53	12.4	808	12.7	42,011	12.7
Occupational health and safety specialists and technicians	28.38	4.6	1,135	4.6	59,037	4.6
Occupational health and safety specialists	28.94	5.5	1,158	5.5	60,199	5.5
Healthcare support occupations	14.76	2.9	574	2.9	29,792	2.9
Nursing, psychiatric, and home health aides	12.33	3.3	481	3.6	25,014	3.6
Home health aides	11.27	9.8	427	9.7	22,196	9.7
Nursing aides, orderlies, and attendants	12.27	2.9	479	3.2	24,901	3.2
Psychiatric aides	15.26	11.0	610	11.0	31,739	11.0
Physical therapist assistants and aides	18.23	19.9	711	17.5	36,961	17.5
Miscellaneous healthcare support occupations	16.43	2.6	636	2.2	33,000	2.2
Dental assistants	18.47	4.5	681	4.4	35,391	4.4
Medical assistants	15.38	3.4	606	3.0	31,470	3.0
Medical transcriptionists	19.72	8.1	789	8.1	41,008	8.1
Protective service occupations	24.40	5.8	988	6.3	51,190	6.3
First-line supervisors/managers, law enforcement workers	43.53	3.8	1,742	3.7	90,569	3.7
First-line supervisors/managers of correctional officers	38.73	5.6	1,558	5.6	81,000	5.6
First-line supervisors/managers of police and detectives	45.35	4.8	1,811	4.6	94,175	4.6
First-line supervisors/managers of fire fighting and prevention workers	35.67	5.9	1,679	9.2	87,299	9.2
Fire fighters	28.88	8.8	1,418	11.5	73,754	11.5
Bailiffs, correctional officers, and jailers	27.23	6.1	1,087	6.0	56,510	6.0
Correctional officers and jailers	27.23	6.1	1,087	6.0	56,510	6.0
Detectives and criminal investigators	36.28	7.8	1,451	7.8	71,128	7.8
Police officers	35.09	1.9	1,401	1.8	72,621	1.8
Police and sheriff's patrol officers	35.09	1.9	1,401	1.8	72,621	1.8
Security guards and gaming surveillance officers	13.45	6.0	528	6.2	27,330	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
Protective service occupations –Continued						
Security guards	\$13.45	6.0%	\$528	6.2%	\$27,330	6.2%
Miscellaneous protective service workers	19.77	9.3	778	10.1	40,474	10.1
Lifeguards, ski patrol, and other recreational protective service workers	17.22	16.7	668	18.3	34,712	18.3
Food preparation and serving related occupations						
First-line supervisors/managers, food preparation and serving workers	11.57	1.5	445	1.7	22,838	1.7
Chefs and head cooks	18.44	4.0	732	4.6	37,151	4.6
First-line supervisors/managers of food preparation and serving workers	21.46	7.5	876	7.8	44,688	7.8
Cooks	17.89	4.5	707	5.5	35,837	5.5
Cooks, fast food	12.27	1.8	478	2.0	24,728	2.0
Cooks, institution and cafeteria	9.95	5.5	386	6.0	20,064	6.0
Cooks, restaurant	14.93	5.7	595	5.7	29,801	5.7
Cooks, short order	12.19	2.3	473	2.8	24,599	2.8
Food preparation workers	11.46	8.7	447	8.5	23,233	8.5
Food service, tipped	10.88	6.0	426	6.1	21,681	6.1
Bartenders	8.50	2.0	316	2.5	16,076	2.5
Waiters and waitresses	9.03	4.1	333	5.4	17,313	5.4
Dining room and cafeteria attendants and bartender helpers	8.34	2.9	309	3.6	15,711	3.6
Fast food and counter workers	8.49	1.4	322	3.2	16,013	3.2
Combined food preparation and serving workers, including fast food	9.85	1.9	382	2.3	19,665	2.3
Counter attendants, cafeteria, food concession, and coffee shop	9.76	3.0	382	3.3	19,692	3.3
Food servers, nonrestaurant	10.36	7.1	385	8.8	19,522	8.8
Dishwashers	10.68	6.2	422	6.1	21,964	6.1
Hosts and hostesses, restaurant, lounge, and coffee shop	10.14	4.2	390	4.9	20,289	4.9
Hosts and hostesses, restaurant, lounge, and coffee shop	11.04	9.0	353	12.9	18,371	12.9
Building and grounds cleaning and maintenance occupations						
First-line supervisors/managers, building and grounds cleaning and maintenance workers	13.81	2.1	544	2.4	28,016	2.4
First-line supervisors/managers of housekeeping and janitorial workers ...	18.93	7.7	765	6.6	39,612	6.6
Building cleaning workers	18.60	8.4	752	7.2	38,940	7.2
Janitors and cleaners, except maids and housekeeping cleaners	13.07	3.6	515	4.0	26,640	4.0
Janitors and cleaners, except maids and housekeeping cleaners	14.07	4.3	559	4.4	28,906	4.4

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
Building and grounds cleaning and maintenance occupations –Continued						
Maids and housekeeping cleaners	\$10.35	2.8%	\$399	2.6%	\$20,645	2.6%
Grounds maintenance workers	14.17	3.7	554	3.6	27,986	3.6
Landscaping and groundskeeping workers	13.63	4.6	537	4.2	27,814	4.2
Personal care and service occupations						
First-line supervisors/managers of gaming workers	13.48	5.3	499	4.8	24,794	4.8
Gaming supervisors	15.93	15.9	637	15.9	33,127	15.9
First-line supervisors/managers of personal service workers	19.10	21.2	764	21.2	39,726	21.2
Gaming services workers	16.99	6.0	682	5.2	34,960	5.2
Gaming dealers	9.04	3.6	336	3.5	17,491	3.5
Miscellaneous entertainment attendants and related workers	7.96	.8	292	4.9	15,192	4.9
Amusement and recreation attendants	10.70	5.6	425	6.6	17,353	6.6
Barbers and cosmetologists	10.71	7.2	433	7.9	16,336	7.9
Hairdressers, hairstylists, and cosmetologists	12.46	7.3	431	9.6	22,393	9.6
Baggage porters, bellhops, and concierges	12.46	7.3	431	9.6	22,393	9.6
Baggage porters and bellhops	11.47	8.9	455	8.9	23,646	8.9
Concierges	9.95	11.2	398	11.2	20,698	11.2
Tour and travel guides	12.45	12.6	491	12.6	25,509	12.6
Tour guides and escorts	13.74	14.6	405	23.8	9,568	23.8
Child care workers	13.74	14.6	405	23.8	9,568	23.8
Personal and home care aides	11.19	4.4	432	3.4	20,687	3.4
Recreation and fitness workers	11.08	3.3	433	3.2	22,491	3.2
Fitness trainers and aerobics instructors	19.26	6.9	741	7.0	38,543	7.0
Recreation workers	21.56	4.7	841	3.6	43,734	3.6
	14.94	12.8	561	11.4	29,147	11.4
Sales and related occupations						
First-line supervisors/managers, sales workers	22.15	2.3	881	2.3	45,665	2.3
First-line supervisors/managers of retail sales workers	23.54	7.4	972	8.3	50,534	8.3
First-line supervisors/managers of non-retail sales workers	21.60	8.5	896	9.8	46,603	9.8
Retail sales workers	30.73	7.9	1,245	7.6	64,755	7.6
Cashiers, all workers	14.81	5.4	582	5.6	30,132	5.6
Cashiers	11.71	3.4	462	3.3	23,879	3.3
Counter and rental clerks and parts salespersons	11.71	3.4	462	3.3	23,873	3.3
Counter and rental clerks	15.64	4.9	622	5.0	32,364	5.0
	14.12	8.6	565	8.6	29,376	8.6

See footnotes at end of table.

RSE Table 11

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

Occupation ²	Hourly earnings ³		Weekly earnings ⁵		Annual earnings ⁶	
	Mean	Relative error ⁴	Mean	Relative error ⁴	Mean	Relative error ⁴
Sales and related occupations –Continued						
Parts salespersons	\$16.27	5.1%	\$646	5.3%	\$33,603	5.3%
Retail salespersons	16.55	6.9	648	7.4	33,488	7.4
Advertising sales agents	25.53	14.2	1,004	13.6	52,198	13.6
Insurance sales agents	42.62	21.3	1,705	21.6	88,674	21.6
Securities, commodities, and financial services sales agents	59.03	24.5	2,361	24.5	122,773	24.5
Sales representatives, wholesale and manufacturing	31.14	7.2	1,262	7.3	65,611	7.3
Sales representatives, wholesale and manufacturing, technical and scientific products	39.38	6.8	1,591	6.7	82,735	6.7
Sales representatives, wholesale and manufacturing, except technical and scientific products	27.82	7.6	1,128	8.0	58,679	8.0
Models, demonstrators, and product promoters	18.23	12.0	724	11.8	37,651	11.8
Demonstrators and product promoters	18.23	12.0	724	11.8	37,651	11.8
Real estate brokers and sales agents	48.00	26.0	1,920	26.0	99,836	26.0
Real estate sales agents	48.00	26.0	1,920	26.0	99,836	26.0
Sales engineers	35.32	26.3	1,413	26.3	73,474	26.3
Miscellaneous sales and related workers	25.09	21.8	967	22.7	50,270	22.7
Office and administrative support occupations						
First-line supervisors/managers of office and administrative support workers	18.07	1.3	718	1.3	37,233	1.3
Switchboard operators, including answering service	24.95	2.5	1,002	2.8	52,093	2.8
Financial clerks	14.18	8.4	567	8.4	29,495	8.4
Bill and account collectors	17.61	1.3	702	1.3	36,461	1.3
Billing and posting clerks and machine operators	19.68	6.2	787	6.2	40,933	6.2
Bookkeeping, accounting, and auditing clerks	17.39	2.9	690	2.9	35,889	2.9
Payroll and timekeeping clerks	18.16	2.0	726	2.0	37,739	2.0
Procurement clerks	18.43	3.3	735	3.3	37,670	3.3
Tellers	16.31	7.5	622	5.4	32,349	5.4
Brokers	13.95	2.0	553	2.3	28,759	2.3
Brokerage clerks	19.61	4.0	785	4.0	40,795	4.0
Court, municipal, and license clerks	18.57	2.7	743	2.7	38,624	2.7
Credit authorizers, checkers, and clerks	19.67	12.0	787	12.0	40,921	12.0
Customer service representatives	17.86	5.0	713	5.0	37,080	5.0
Eligibility interviewers, government programs	19.09	4.2	763	4.2	39,668	4.2

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
Office and administrative support occupations –Continued						
File clerks	\$15.73	3.1%	\$619	3.4%	\$32,176	3.4%
Hotel, motel, and resort desk clerks	10.53	4.4	412	5.1	21,439	5.1
Interviewers, except eligibility and loan	16.42	5.9	653	5.9	33,954	5.9
Library assistants, clerical	17.62	17.5	572	36.6	24,476	36.6
Loan interviewers and clerks	17.24	5.9	687	5.9	35,700	5.9
Order clerks	17.61	4.8	703	4.8	36,234	4.8
Human resources assistants, except payroll and timekeeping	19.87	2.6	790	2.5	41,099	2.5
Receptionists and information clerks	14.82	2.9	587	2.7	30,462	2.7
Reservation and transportation ticket agents and travel clerks	16.32	9.7	653	9.7	33,940	9.7
Couriers and messengers	13.61	7.9	542	7.5	28,176	7.5
Dispatchers	20.82	7.4	832	7.4	42,915	7.4
Police, fire, and ambulance dispatchers	22.35	11.8	902	12.2	46,903	12.2
Dispatchers, except police, fire, and ambulance	20.01	10.8	796	10.8	40,873	10.8
Meter readers, utilities	22.80	7.5	912	7.5	47,420	7.5
Production, planning, and expediting clerks	23.22	5.0	929	5.0	48,296	5.0
Shipping, receiving, and traffic clerks	14.82	2.1	593	2.1	30,813	2.1
Stock clerks and order fillers	14.82	1.8	589	2.0	30,644	2.0
Weighers, measurers, checkers, and samplers, recordkeeping	15.97	12.4	639	12.4	33,213	12.4
Secretaries and administrative assistants	21.73	2.1	859	2.1	44,417	2.1
Executive secretaries and administrative assistants	23.83	2.5	949	2.7	49,293	2.7
Legal secretaries	26.08	7.8	1,006	7.1	52,301	7.1
Medical secretaries	17.91	6.5	688	6.5	35,641	6.5
Secretaries, except legal, medical, and executive	18.13	2.0	724	2.0	37,002	2.0
Data entry and information processing workers	15.49	6.1	616	6.0	32,034	6.0
Data entry keyers	13.85	2.2	549	1.7	28,568	1.7
Word processors and typists	17.09	7.2	682	7.1	35,444	7.1
Insurance claims and policy processing clerks	18.42	4.2	728	4.5	37,852	4.5
Mail clerks and mail machine operators, except postal service	11.59	13.1	458	12.8	23,819	12.8
Office clerks, general	16.21	2.4	642	2.2	33,204	2.2
Office machine operators, except computer ..	15.14	15.1	603	15.0	31,373	15.0
Farming, fishing, and forestry occupations ..	15.67	17.3	620	17.3	26,337	17.3
Miscellaneous agricultural workers	9.75	24.2	390	24.2	14,203	24.2

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
Construction and extraction occupations	\$24.17	3.3%	\$960	3.3%	\$48,957	3.3%
First-line supervisors/managers of construction trades and extraction workers	33.81	3.4	1,355	3.6	69,062	3.6
Carpenters	24.10	4.8	959	4.8	48,852	4.8
Cement masons, concrete finishers, and terrazzo workers	26.01	6.3	1,041	6.3	50,385	6.3
Cement masons and concrete finishers	26.01	6.3	1,041	6.3	50,385	6.3
Construction laborers	19.45	4.5	756	4.2	37,559	4.2
Construction equipment operators	23.95	5.7	954	5.7	47,098	5.7
Paving, surfacing, and tamping equipment operators	21.78	7.8	862	7.2	41,019	7.2
Operating engineers and other construction equipment operators	25.18	6.8	1,007	6.8	50,794	6.8
Drywall installers, ceiling tile installers, and tapers	22.40	13.2	885	12.1	45,712	12.1
Drywall and ceiling tile installers	24.07	13.3	946	12.1	48,737	12.1
Tapers	20.69	11.0	821	10.2	42,559	10.2
Electricians	28.98	5.5	1,159	5.5	60,264	5.5
Painters and paperhangers	18.74	4.8	729	6.9	37,907	6.9
Painters, construction and maintenance	18.60	5.1	722	7.2	37,557	7.2
Pipelayers, plumbers, pipefitters, and steamfitters	28.98	2.2	1,159	2.2	60,288	2.2
Pipelayers	29.94	8.4	1,197	8.4	62,270	8.4
Plumbers, pipefitters, and steamfitters	28.92	2.3	1,157	2.3	60,154	2.3
Roofers	20.02	16.6	799	16.6	39,505	16.6
Sheet metal workers	36.43	15.6	1,457	15.6	75,775	15.6
Structural iron and steel workers	27.84	7.6	1,113	7.6	57,285	7.6
Helpers, construction trades	16.61	3.7	664	3.7	34,370	3.7
Helpers--carpenters	15.54	2.2	622	2.2	32,083	2.2
Construction and building inspectors	31.81	6.1	1,281	6.9	66,598	6.9
Highway maintenance workers	20.19	8.4	808	8.4	38,788	8.4
Miscellaneous construction and related workers	16.44	10.6	658	10.6	33,581	10.6
Installation, maintenance, and repair occupations	24.01	3.2	961	3.2	49,842	3.2
First-line supervisors/managers of mechanics, installers, and repairers	30.60	6.0	1,227	6.0	63,816	6.0
Computer, automated teller, and office machine repairers	17.57	25.8	701	25.7	36,451	25.7
Radio and telecommunications equipment installers and repairers	28.12	5.9	1,125	5.9	58,481	5.9

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
Installation, maintenance, and repair occupations –Continued						
Telecommunications equipment installers and repairers, except line installers	\$28.12	5.9%	\$1,125	5.9%	\$58,481	5.9%
Miscellaneous electrical and electronic equipment mechanics, installers, and repairers	25.94	4.8	1,038	4.8	53,910	4.8
Electrical and electronics repairers, commercial and industrial equipment ..	28.18	8.5	1,127	8.5	58,470	8.5
Aircraft mechanics and service technicians ..	29.60	5.3	1,184	5.3	61,573	5.3
Automotive technicians and repairers	20.71	5.6	824	5.6	42,853	5.6
Automotive body and related repairers	18.12	5.3	725	5.3	37,683	5.3
Automotive service technicians and mechanics	21.07	7.2	838	7.1	43,568	7.1
Bus and truck mechanics and diesel engine specialists	24.67	5.0	984	5.2	51,158	5.2
Heavy vehicle and mobile equipment service technicians and mechanics	22.70	6.1	906	6.2	47,109	6.2
Mobile heavy equipment mechanics, except engines	23.57	5.8	940	5.9	48,893	5.9
Small engine mechanics	19.30	14.4	772	14.4	40,137	14.4
Miscellaneous vehicle and mobile equipment mechanic, installers, and repairers	12.46	5.9	498	5.9	25,915	5.9
Tire repairers and changers	12.43	6.0	497	6.0	25,846	6.0
Control and valve installers and repairers	25.18	7.5	1,007	7.5	52,376	7.5
Control and valve installers and repairers, except mechanical door	25.18	7.5	1,007	7.5	52,376	7.5
Heating, air conditioning, and refrigeration mechanics and installers	35.36	18.2	1,460	17.7	75,384	17.7
Industrial machinery installation, repair, and maintenance workers	23.17	3.1	925	3.2	47,690	3.2
Industrial machinery mechanics	25.99	4.3	1,039	4.3	54,006	4.3
Maintenance and repair workers, general ..	21.97	4.3	876	4.2	44,600	4.2
Maintenance workers, machinery	21.04	12.9	841	12.9	43,753	12.9
Line installers and repairers	29.32	3.1	1,173	3.1	60,979	3.1
Electrical power-line installers and repairers	34.68	6.2	1,387	6.2	72,131	6.2
Precision instrument and equipment repairers	26.76	6.7	1,070	6.7	55,652	6.7
Miscellaneous installation, maintenance, and repair workers	16.81	5.7	673	5.7	34,863	5.7
Helpers--installation, maintenance, and repair workers	11.97	7.4	479	7.4	24,753	7.4

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	\$16.75	1.9%	\$664	2.1%	\$34,389	2.1%
First-line supervisors/managers of production and operating workers	26.48	5.2	1,079	5.9	56,107	5.9
Electrical, electronics, and electromechanical assemblers	13.82	6.8	549	7.2	28,570	7.2
Electrical and electronic equipment assemblers	13.77	7.2	546	7.8	28,386	7.8
Electromechanical equipment assemblers	13.60	14.7	544	14.7	28,280	14.7
Miscellaneous assemblers and fabricators	13.99	3.5	554	3.5	28,833	3.5
Team assemblers	10.50	6.7	420	6.7	21,837	6.7
Bakers	11.79	3.7	449	4.3	23,371	4.3
Butchers and other meat, poultry, and fish processing workers	16.75	9.1	667	9.1	34,677	9.1
Butchers and meat cutters	17.28	10.0	687	10.0	35,742	10.0
Miscellaneous food processing workers	12.30	6.9	491	6.9	25,465	6.9
Food batchmakers	12.87	8.8	514	8.8	26,511	8.8
Food cooking machine operators and tenders	9.46	4.3	378	4.3	19,679	4.3
Computer control programmers and operators	20.29	12.9	812	12.9	42,200	12.9
Computer-controlled machine tool operators, metal and plastic	19.94	14.4	798	14.4	41,471	14.4
Forming machine setters, operators, and tenders, metal and plastic	16.12	10.6	645	10.6	33,533	10.6
Machine tool cutting setters, operators, and tenders, metal and plastic	15.16	9.7	606	9.7	31,526	9.7
Cutting, punching, and press machine setters, operators, and tenders, metal and plastic	17.25	9.2	690	9.2	35,876	9.2
Grinding, lapping, polishing, and buffing machine tool setters, operators, and tenders, metal and plastic	12.08	7.7	483	7.7	25,130	7.7
Lathe and turning machine tool setters, operators, and tenders, metal and plastic	13.67	11.1	547	11.1	28,436	11.1
Machinists	24.53	3.4	981	3.4	51,017	3.4
Molders and molding machine setters, operators, and tenders, metal and plastic	14.61	13.5	547	18.5	28,432	18.5
Molding, coremaking, and casting machine setters, operators, and tenders, metal and plastic	14.05	19.0	513	25.1	26,670	25.1
Multiple machine tool setters, operators, and tenders, metal and plastic	13.80	3.9	552	3.9	28,708	3.9
Tool and die makers	24.40	5.9	976	5.9	50,742	5.9

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 –Continued						
Welding, soldering, and brazing workers	\$19.84	4.5%	\$794	4.5%	\$41,271	4.5%
Welders, cutters, solderers, and brazers	20.26	5.0	811	5.0	42,149	5.0
Welding, soldering, and brazing machine setters, operators, and tenders	17.91	15.0	717	15.0	37,260	15.0
Miscellaneous metalworkers and plastic workers	16.07	6.6	643	6.6	33,416	6.6
Plating and coating machine setters, operators, and tenders, metal and plastic	18.37	15.4	735	15.4	38,207	15.4
Printers	19.00	6.6	758	6.8	39,395	6.8
Job printers	18.25	14.2	721	13.6	37,498	13.6
Prepress technicians and workers	25.09	8.5	1,004	8.5	52,191	8.5
Printing machine operators	16.62	4.2	664	4.2	34,506	4.2
Laundry and dry-cleaning workers	9.61	5.8	379	5.7	19,730	5.7
Sewing machine operators	8.68	6.7	336	7.5	17,491	7.5
Tailors, dressmakers, and sewers	13.74	19.7	545	19.6	28,354	19.6
Tailors, dressmakers, and custom sewers ..	13.74	19.7	545	19.6	28,354	19.6
Textile machine setters, operators, and tenders	10.47	5.9	419	5.9	21,786	5.9
Textile cutting machine setters, operators, and tenders	10.47	5.9	419	5.9	21,786	5.9
Miscellaneous textile, apparel, and furnishings workers	15.86	27.7	634	27.7	32,988	27.7
Upholsterers	13.44	22.8	538	22.8	27,961	22.8
Cabinetmakers and bench carpenters	13.96	3.5	559	3.5	29,045	3.5
Woodworking machine setters, operators, and tenders	12.10	7.1	484	7.1	25,112	7.1
Sawing machine setters, operators, and tenders, wood	12.80	7.1	512	7.1	26,517	7.1
Woodworking machine setters, operators, and tenders, except sawing	11.09	9.5	444	9.5	23,071	9.5
Stationary engineers and boiler operators	33.79	5.7	1,318	5.9	67,643	5.9
Water and liquid waste treatment plant and system operators	21.93	9.8	871	9.9	45,309	9.9
Miscellaneous plant and system operators	30.82	2.7	1,027	16.7	53,399	16.7
Petroleum pump system operators, refinery operators, and gaugers	31.33	3.6	1,241	4.1	64,517	4.1
Chemical processing machine setters, operators, and tenders	18.43	10.1	715	9.5	37,188	9.5
Separating, filtering, clarifying, precipitating, and still machine setters, operators, and tenders	19.19	12.7	761	12.0	39,559	12.0

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
Production occupations –Continued						
Crushing, grinding, polishing, mixing, and blending workers	\$15.96	10.3%	\$638	10.3%	\$31,533	10.3%
Grinding and polishing workers, hand	12.88	7.1	515	7.1	26,782	7.1
Mixing and blending machine setters, operators, and tenders	16.06	12.6	642	12.6	30,698	12.6
Cutting workers	13.23	11.9	502	7.5	24,556	7.5
Cutting and slicing machine setters, operators, and tenders	13.35	12.7	505	7.8	25,433	7.8
Extruding, forming, pressing, and compacting machine setters, operators, and tenders	16.54	17.0	662	17.0	34,412	17.0
Inspectors, testers, sorters, samplers, and weighers	16.59	2.9	652	3.6	33,310	3.6
Packaging and filling machine operators and tenders	13.58	9.8	540	9.4	27,726	9.4
Painting workers	14.28	17.0	570	17.0	29,647	17.0
Coating, painting, and spraying machine setters, operators, and tenders	12.64	11.5	503	11.7	26,176	11.7
Painters, transportation equipment	21.18	8.8	847	8.8	44,057	8.8
Photographic process workers and processing machine operators	22.02	8.5	834	7.2	43,381	7.2
Semiconductor processors	16.12	11.4	645	11.4	33,537	11.4
Miscellaneous production workers	14.29	8.5	567	8.3	29,363	8.3
Helpers--production workers	10.13	4.1	405	4.2	21,061	4.2
Transportation and material moving occupations						
First-line supervisors/managers of helpers, laborers, and material movers, hand	21.43	8.7	857	8.7	44,574	8.7
First-line supervisors/managers of transportation and material-moving machine and vehicle operators	29.02	5.7	1,160	5.7	60,337	5.7
Aircraft pilots and flight engineers	105.84	15.7	2,316	10.8	120,441	10.8
Airline pilots, copilots, and flight engineers	107.36	15.5	2,332	10.7	121,255	10.7
Bus drivers	18.58	3.5	721	4.1	34,849	4.1
Bus drivers, transit and intercity	18.96	4.3	747	5.1	38,601	5.1
Bus drivers, school	17.26	4.3	637	4.1	25,362	4.1
Driver/sales workers and truck drivers	19.02	2.6	765	3.3	39,516	3.3
Driver/sales workers	18.36	15.2	734	15.2	38,188	15.2
Truck drivers, heavy and tractor-trailer	20.53	2.3	829	3.5	42,744	3.5
Truck drivers, light or delivery services	16.08	5.7	642	5.8	33,273	5.8
Taxi drivers and chauffeurs	10.85	14.2	423	14.9	22,011	14.9

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						
Ship and boat captains and operators	\$34.71	9.8%	\$1,388	9.8%	\$68,212	9.8%
Captains, mates, and pilots of water vessels	34.71	9.8	1,388	9.8	68,212	9.8
Parking lot attendants	9.65	7.8	386	7.8	20,076	7.8
Service station attendants	13.43	28.3	534	28.3	27,777	28.3
Crane and tower operators	34.49	3.1	1,372	3.5	71,355	3.5
Dredge, excavating, and loading machine operators	22.54	7.4	902	7.4	46,886	7.4
Excavating and loading machine and dragline operators	21.91	7.3	877	7.3	45,581	7.3
Industrial truck and tractor operators	15.31	3.1	611	3.1	31,437	3.1
Laborers and material movers, hand	12.32	2.0	486	1.9	24,657	1.9
Cleaners of vehicles and equipment	11.69	2.3	453	3.5	23,427	3.5
Laborers and freight, stock, and material movers, hand	13.33	1.9	528	1.9	26,801	1.9
Machine feeders and offbearers	10.33	10.7	411	10.4	21,366	10.4
Packers and packagers, hand	10.12	4.7	400	4.4	19,856	4.4

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	\$23.91	1.6%	\$949	1.6%	\$48,992	1.6%
Management occupations	46.37	4.1	1,884	3.9	97,645	3.9
Chief executives	107.19	34.5	4,794	35.2	249,272	35.2
General and operations managers	50.17	6.3	2,046	5.5	106,366	5.5
Marketing and sales managers	49.17	6.8	2,028	6.1	105,444	6.1
Marketing managers	49.74	3.8	2,020	4.0	105,055	4.0
Sales managers	48.65	15.3	2,035	14.5	105,813	14.5
Public relations managers	57.76	19.7	2,267	21.0	117,910	21.0
Administrative services managers	35.66	8.5	1,440	8.5	74,790	8.5
Computer and information systems managers	57.66	7.0	2,410	7.5	125,334	7.5
Financial managers	49.68	5.1	2,024	5.0	105,250	5.0
Human resources managers	47.75	12.8	1,900	11.7	98,826	11.7
Industrial production managers	46.99	4.0	1,884	3.9	97,992	3.9
Purchasing managers	51.85	2.9	2,126	3.9	110,577	3.9
Transportation, storage, and distribution managers	38.66	4.9	1,551	5.8	80,647	5.8
Construction managers	45.18	6.3	1,822	5.8	94,719	5.8
Education administrators	29.42	6.6	1,171	6.7	56,645	6.7
Education administrators, preschool and child care center/program	21.73	15.6	870	15.6	41,502	15.6
Education administrators, elementary and secondary school	41.92	16.4	1,678	16.4	86,963	16.4
Education administrators, postsecondary ..	35.33	9.0	1,410	9.0	72,439	9.0
Engineering managers	61.51	3.3	2,469	3.3	128,398	3.3
Food service managers	26.08	16.6	1,129	15.0	58,713	15.0
Lodging managers	36.57	27.0	1,534	23.7	79,787	23.7
Medical and health services managers	46.33	3.9	1,848	3.9	96,073	3.9
Property, real estate, and community association managers	23.91	16.0	958	15.4	49,801	15.4
Social and community service managers	25.91	5.5	1,043	6.1	54,116	6.1
Business and financial operations occupations	33.45	1.9	1,348	2.1	70,078	2.1
Buyers and purchasing agents	34.50	6.6	1,423	8.2	74,017	8.2
Wholesale and retail buyers, except farm products	31.31	11.1	1,257	11.1	65,376	11.1
Purchasing agents, except wholesale, retail, and farm products	36.20	9.6	1,518	11.9	78,938	11.9
Claims adjusters, appraisers, examiners, and investigators	26.37	7.3	1,038	7.3	53,991	7.3
Claims adjusters, examiners, and investigators	26.57	7.1	1,045	7.2	54,364	7.2

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
Business and financial operations occupations –Continued						
Compliance officers, except agriculture, construction, health and safety, and transportation	\$39.07	14.8%	\$1,587	15.8%	\$82,549	15.8%
Cost estimators	33.94	11.7	1,357	11.7	70,567	11.7
Human resources, training, and labor relations specialists	30.51	4.3	1,225	4.3	63,695	4.3
Employment, recruitment, and placement specialists	29.30	14.5	1,168	14.8	60,731	14.8
Compensation, benefits, and job analysis specialists	27.59	5.5	1,113	5.4	57,877	5.4
Training and development specialists	29.12	8.6	1,178	8.9	61,267	8.9
Logisticians	34.54	15.5	1,382	15.5	71,842	15.5
Management analysts	38.59	5.9	1,552	6.0	80,696	6.0
Meeting and convention planners	27.35	7.7	1,085	7.1	56,402	7.1
Accountants and auditors	31.16	3.9	1,246	3.9	64,791	3.9
Credit analysts	33.76	13.2	1,350	13.2	70,217	13.2
Financial analysts and advisors	36.54	4.9	1,463	4.8	76,076	4.8
Financial analysts	38.12	6.0	1,530	5.8	79,570	5.8
Personal financial advisors	31.52	21.4	1,261	21.4	65,569	21.4
Insurance underwriters	35.42	10.2	1,411	10.3	73,369	10.3
Loan counselors and officers	32.51	32.5	1,302	32.6	67,709	32.6
Loan officers	32.71	32.9	1,310	33.1	68,128	33.1
Computer and mathematical science occupations						
Computer programmers	44.22	8.0	1,753	8.3	91,133	8.3
Computer software engineers	47.53	2.7	1,971	2.7	102,506	2.7
Computer software engineers, applications	45.32	4.9	1,903	3.9	98,962	3.9
Computer software engineers, systems software	49.76	4.8	2,039	5.3	106,003	5.3
Computer support specialists	28.20	6.8	1,138	7.3	59,143	7.3
Computer systems analysts	38.89	3.3	1,582	3.7	82,272	3.7
Database administrators	41.18	9.9	1,629	9.7	84,727	9.7
Network and computer systems administrators	33.98	5.6	1,343	5.9	69,820	5.9
Network systems and data communications analysts	37.44	6.2	1,498	7.1	77,875	7.1
Architecture and engineering occupations						
Architects, except naval	34.01	3.6	1,394	3.7	72,473	3.7
Architects, except landscape and naval	34.42	4.4	1,413	4.8	73,466	4.8
Engineers	46.69	3.4	1,895	3.6	98,530	3.6

See footnotes at end of table.

RSE Table 12

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

Occupation ²	Hourly earnings ³		Weekly earnings ⁵		Annual earnings ⁶	
	Mean	Relative error ⁴	Mean	Relative error ⁴	Mean	Relative error ⁴
Architecture and engineering occupations						
–Continued						
Aerospace engineers	\$56.41	3.1%	\$2,257	3.1%	\$117,342	3.1%
Civil engineers	39.37	5.8	1,576	5.8	81,936	5.8
Computer hardware engineers	49.23	9.1	2,057	11.1	106,944	11.1
Electrical and electronics engineers	45.61	7.0	1,872	6.4	97,341	6.4
Electrical engineers	50.51	7.4	2,020	7.4	105,057	7.4
Electronics engineers, except computer	43.68	9.2	1,811	9.5	94,193	9.5
Environmental engineers	37.91	14.7	1,580	13.7	82,160	13.7
Industrial engineers, including health and safety	39.81	4.5	1,622	5.0	84,326	5.0
Industrial engineers	40.97	3.6	1,668	4.3	86,762	4.3
Mechanical engineers	45.21	5.5	1,872	6.8	97,359	6.8
Nuclear engineers	45.76	.4	1,830	.4	95,174	.4
Petroleum engineers	53.77	4.8	2,151	4.8	106,069	4.8
Drafters	27.87	7.1	1,115	7.1	57,974	7.1
Architectural and civil drafters	23.72	4.1	949	4.1	49,334	4.1
Engineering technicians, except drafters	28.00	4.2	1,120	4.2	57,209	4.2
Aerospace engineering and operations technicians	30.38	4.5	1,215	4.5	63,189	4.5
Electrical and electronic engineering technicians	26.10	2.5	1,044	2.5	54,303	2.5
Industrial engineering technicians	30.25	7.5	1,210	7.5	62,922	7.5
Surveying and mapping technicians	27.37	10.7	1,095	10.7	56,931	10.7
Life, physical, and social science occupations						
Life scientists	34.21	7.4	1,396	8.1	72,593	8.1
Biological scientists	37.38	12.0	1,498	12.2	77,918	12.2
Biological scientists	35.61	11.1	1,429	11.3	74,309	11.3
Biochemists and biophysicists	35.12	18.8	1,406	18.9	73,123	18.9
Medical scientists	39.56	30.3	1,582	30.3	82,277	30.3
Physical scientists	33.24	5.1	1,384	4.1	71,976	4.1
Chemists and materials scientists	29.63	6.3	1,193	5.7	62,017	5.7
Chemists	29.63	6.3	1,193	5.7	62,017	5.7
Environmental scientists and geoscientists	31.80	5.4	1,359	4.1	70,649	4.1
Environmental scientists and specialists, including health	34.11	8.7	1,376	9.0	71,557	9.0
Geoscientists, except hydrologists and geographers	28.78	4.0	1,332	5.7	69,290	5.7
Market and survey researchers	48.20	6.7	2,081	6.9	108,201	6.9
Market research analysts	48.20	6.7	2,081	6.9	108,201	6.9
Biological technicians	23.27	8.0	926	8.1	48,128	8.1
Miscellaneous life, physical, and social science technicians	25.21	18.4	1,007	18.5	52,339	18.5

See footnotes at end of table.

RSE Table 12

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

Occupation ²	Hourly earnings ³		Weekly earnings ⁵		Annual earnings ⁶	
	Mean	Relative error ⁴	Mean	Relative error ⁴	Mean	Relative error ⁴
Community and social services occupations	\$21.79	6.4%	\$857	6.4%	\$43,890	6.4%
Counselors	18.17	12.6	701	12.6	36,238	12.6
Rehabilitation counselors	12.51	10.3	475	11.6	24,705	11.6
Social workers	25.89	8.0	1,039	8.2	53,709	8.2
Child, family, and school social workers ..	19.37	7.5	775	7.5	39,389	7.5
Medical and public health social workers	28.93	7.4	1,154	7.5	60,008	7.5
Mental health and substance abuse social workers	30.56	25.9	1,249	24.5	64,963	24.5
Miscellaneous community and social service specialists	20.22	9.3	801	9.3	40,578	9.3
Social and human service assistants	16.73	6.9	665	7.0	33,233	7.0
Legal occupations	53.44	15.2	2,115	16.0	109,967	16.0
Lawyers	72.65	12.4	2,902	13.1	150,926	13.1
Paralegals and legal assistants	29.71	2.8	1,155	2.8	60,048	2.8
Miscellaneous legal support workers	28.52	14.2	1,141	14.2	59,328	14.2
Title examiners, abstractors, and searchers	29.05	16.2	1,162	16.2	60,431	16.2
Education, training, and library occupations	27.74	10.3	1,085	10.2	49,965	10.2
Postsecondary teachers	50.34	9.8	1,970	9.5	91,030	9.5
Social sciences teachers, postsecondary	52.69	4.3	2,055	4.4	78,276	4.4
Health teachers, postsecondary	59.59	23.5	2,384	23.5	123,050	23.5
Miscellaneous postsecondary teachers	40.85	18.8	1,616	18.6	81,724	18.6
Primary, secondary, and special education school teachers	19.98	14.6	781	14.4	34,652	14.4
Preschool and kindergarten teachers	12.78	6.1	505	6.4	24,682	6.4
Preschool teachers, except special education	12.66	6.0	500	6.3	24,519	6.3
Elementary and middle school teachers	30.27	6.3	1,158	6.1	44,050	6.1
Elementary school teachers, except special education	28.36	8.7	1,078	8.2	41,503	8.2
Middle school teachers, except special and vocational education	33.81	3.4	1,306	1.6	48,673	1.6
Secondary school teachers	33.57	7.0	1,335	7.1	54,013	7.1
Secondary school teachers, except special and vocational education	33.57	7.0	1,335	7.1	54,013	7.1
Special education teachers	23.51	18.7	879	21.2	37,060	21.2
Librarians	37.65	4.7	1,457	3.5	75,750	3.5
Teacher assistants	11.90	4.3	465	3.7	22,942	3.7
Arts, design, entertainment, sports, and media occupations	29.95	12.3	1,192	11.6	61,829	11.6
Designers	26.77	10.2	1,059	9.5	55,094	9.5
Graphic designers	23.82	9.1	949	9.2	49,347	9.2

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
Arts, design, entertainment, sports, and media occupations –Continued						
Interior designers	\$30.04	4.3%	\$1,151	2.1%	\$59,866	2.1%
Actors, producers, and directors	42.32	8.7	1,693	8.7	88,023	8.7
Producers and directors	42.32	8.7	1,693	8.7	88,023	8.7
News analysts, reporters and correspondents	23.40	8.4	930	8.5	48,364	8.5
Reporters and correspondents	23.40	8.4	930	8.5	48,364	8.5
Public relations specialists	26.55	9.9	1,044	11.2	54,303	11.2
Writers and editors	32.54	7.5	1,260	7.5	63,564	7.5
Technical writers	38.69	4.1	1,518	4.5	78,919	4.5
Broadcast and sound engineering technicians and radio operators	31.33	11.7	1,317	14.1	68,462	14.1
Broadcast technicians	22.32	7.3	893	7.3	46,425	7.3
Healthcare practitioner and technical occupations						
Dietitians and nutritionists	35.72	4.7	1,400	4.7	72,771	4.7
Pharmacists	28.98	9.8	1,133	10.6	58,927	10.6
Physicians and surgeons	53.66	1.5	2,139	1.4	111,211	1.4
Physician assistants	100.96	24.0	4,081	23.7	212,192	23.7
Registered nurses	48.10	14.7	1,891	14.7	98,341	14.7
Therapists	37.76	2.7	1,465	2.7	76,181	2.7
Occupational therapists	39.75	6.4	1,577	6.5	81,808	6.5
Physical therapists	42.25	10.0	1,690	10.0	87,873	10.0
Respiratory therapists	41.11	11.3	1,634	11.4	84,946	11.4
Clinical laboratory technologists and technicians	28.68	1.9	1,118	2.8	58,147	2.8
Medical and clinical laboratory technologists	24.00	8.3	956	8.2	49,715	8.2
Medical and clinical laboratory technicians	33.10	5.5	1,316	5.7	68,432	5.7
Dental hygienists	19.07	5.4	760	5.3	39,545	5.3
Diagnostic related technologists and technicians	37.61	9.5	1,292	8.0	67,181	8.0
Cardiovascular technologists and technicians	29.92	5.9	1,191	5.9	61,913	5.9
Radiologic technologists and technicians ..	35.45	8.4	1,418	8.4	73,734	8.4
Health diagnosing and treating practitioner support technicians	28.33	7.0	1,127	7.0	58,600	7.0
Pharmacy technicians	19.70	3.2	772	3.4	40,138	3.4
Surgical technologists	17.91	4.1	698	4.8	36,292	4.8
Licensed practical and licensed vocational nurses	21.74	6.0	855	5.6	44,463	5.6
	22.44	2.4	875	3.0	45,510	3.0

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						
Medical records and health information technicians	\$14.95	3.9%	\$598	3.9%	\$31,106	3.9%
Miscellaneous health technologists and technicians	20.53	12.4	808	12.7	42,011	12.7
Occupational health and safety specialists and technicians	25.51	9.1	1,020	9.1	53,051	9.1
Occupational health and safety specialists	26.81	10.7	1,072	10.7	55,755	10.7
Healthcare support occupations	14.60	3.1	566	3.1	29,416	3.1
Nursing, psychiatric, and home health aides	12.05	3.4	470	3.6	24,438	3.6
Home health aides	10.86	9.4	409	9.0	21,291	9.0
Nursing aides, orderlies, and attendants	12.11	3.0	473	3.3	24,581	3.3
Psychiatric aides	12.92	8.5	517	8.5	26,878	8.5
Miscellaneous healthcare support occupations	16.29	2.8	629	2.3	32,641	2.3
Dental assistants	18.64	4.5	683	4.6	35,522	4.6
Medical assistants	15.35	3.7	604	3.2	31,363	3.2
Protective service occupations	13.33	5.9	525	6.2	27,290	6.2
Security guards and gaming surveillance officers	12.70	6.6	499	6.8	25,973	6.8
Security guards	12.70	6.6	499	6.8	25,973	6.8
Miscellaneous protective service workers	12.42	6.7	472	8.4	24,538	8.4
Food preparation and serving related occupations	11.30	1.5	435	1.7	22,495	1.7
First-line supervisors/managers, food preparation and serving workers	17.95	4.5	726	4.7	37,517	4.7
Chefs and head cooks	21.46	7.5	876	7.8	44,688	7.8
First-line supervisors/managers of food preparation and serving workers	17.21	4.8	695	5.1	35,991	5.1
Cooks	12.15	1.7	473	1.9	24,583	1.9
Cooks, fast food	9.95	5.5	386	6.0	20,064	6.0
Cooks, institution and cafeteria	14.69	5.8	587	5.8	30,325	5.8
Cooks, restaurant	12.21	2.4	474	2.9	24,635	2.9
Cooks, short order	11.46	8.7	447	8.5	23,233	8.5
Food preparation workers	10.52	7.7	415	7.7	21,562	7.7
Food service, tipped	8.50	2.1	315	2.5	16,061	2.5
Bartenders	9.06	4.4	332	5.8	17,267	5.8
Waiters and waitresses	8.34	2.9	308	3.6	15,702	3.6
Dining room and cafeteria attendants and bartender helpers	8.48	1.4	321	3.2	16,073	3.2

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
Food preparation and serving related occupations –Continued						
Fast food and counter workers	\$9.49	1.5%	\$368	1.8%	\$19,145	1.8%
Combined food preparation and serving workers, including fast food	9.40	1.9	368	2.1	19,122	2.1
Counter attendants, cafeteria, food concession, and coffee shop	9.98	6.2	371	8.5	19,269	8.5
Food servers, nonrestaurant	10.68	6.2	422	6.1	21,964	6.1
Dishwashers	10.16	4.5	390	5.2	20,287	5.2
Hosts and hostesses, restaurant, lounge, and coffee shop	11.04	9.0	353	12.9	18,371	12.9
Building and grounds cleaning and maintenance occupations						
First-line supervisors/managers, building and grounds cleaning and maintenance workers	12.76	2.2	501	2.6	26,019	2.6
First-line supervisors/managers of housekeeping and janitorial workers ...	17.32	9.0	702	7.6	36,515	7.6
Building cleaning workers	17.10	9.6	694	8.2	36,108	8.2
Janitors and cleaners, except maids and housekeeping cleaners	12.07	4.6	474	5.0	24,584	5.0
Maids and housekeeping cleaners	12.93	5.7	512	5.9	26,612	5.9
Grounds maintenance workers	10.34	2.8	399	2.6	20,605	2.6
Landscaping and groundskeeping workers	13.05	5.4	508	5.2	26,381	5.2
Landscaping and groundskeeping workers	12.80	6.1	503	5.6	26,122	5.6
Personal care and service occupations						
First-line supervisors/managers of personal service workers	13.14	5.7	483	5.1	23,989	5.1
Gaming services workers	16.21	9.6	652	8.6	33,184	8.6
Miscellaneous entertainment attendants and related workers	8.87	3.9	322	3.3	16,755	3.3
Amusement and recreation attendants	10.70	5.6	425	6.6	17,353	6.6
Barbers and cosmetologists	10.71	7.2	433	7.9	16,336	7.9
Hairdressers, hairstylists, and cosmetologists	12.46	7.3	431	9.6	22,393	9.6
Baggage porters, bellhops, and concierges	12.46	7.3	431	9.6	22,393	9.6
Baggage porters and bellhops	11.47	8.9	455	8.9	23,646	8.9
Concierges	9.95	11.2	398	11.2	20,698	11.2
Tour and travel guides	12.45	12.6	491	12.6	25,509	12.6
Tour guides and escorts	13.74	14.6	405	23.8	9,568	23.8
Child care workers	13.74	14.6	405	23.8	9,568	23.8
Personal and home care aides	10.38	3.1	407	2.7	20,035	2.7
Recreation and fitness workers	10.80	2.6	421	2.1	21,874	2.1
Recreation and fitness workers	19.37	7.6	756	7.7	39,293	7.7

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						
Fitness trainers and aerobics instructors	\$21.56	4.7%	\$841	3.6%	\$43,734	3.6%
Sales and related occupations	22.21	2.4	883	2.3	45,787	2.3
First-line supervisors/managers, sales workers	23.54	7.6	972	8.4	50,556	8.4
First-line supervisors/managers of retail sales workers	21.55	8.7	895	10.0	46,532	10.0
First-line supervisors/managers of non-retail sales workers	30.73	7.9	1,245	7.6	64,755	7.6
Retail sales workers	14.85	5.4	584	5.6	30,198	5.6
Cashiers, all workers	11.70	3.6	461	3.4	23,853	3.4
Cashiers	11.71	3.6	461	3.4	23,859	3.4
Counter and rental clerks and parts salespersons	15.64	4.9	622	5.0	32,364	5.0
Counter and rental clerks	14.12	8.6	565	8.6	29,376	8.6
Parts salespersons	16.27	5.1	646	5.3	33,603	5.3
Retail salespersons	16.55	6.9	648	7.4	33,488	7.4
Advertising sales agents	25.53	14.2	1,004	13.6	52,198	13.6
Insurance sales agents	42.88	21.6	1,716	21.9	89,208	21.9
Securities, commodities, and financial services sales agents	59.03	24.5	2,361	24.5	122,773	24.5
Sales representatives, wholesale and manufacturing	31.14	7.2	1,262	7.3	65,611	7.3
Sales representatives, wholesale and manufacturing, technical and scientific products	39.38	6.8	1,591	6.7	82,735	6.7
Sales representatives, wholesale and manufacturing, except technical and scientific products	27.82	7.6	1,128	8.0	58,679	8.0
Models, demonstrators, and product promoters	18.23	12.3	724	12.1	37,652	12.1
Demonstrators and product promoters	18.23	12.3	724	12.1	37,652	12.1
Real estate brokers and sales agents	48.00	26.0	1,920	26.0	99,836	26.0
Real estate sales agents	48.00	26.0	1,920	26.0	99,836	26.0
Sales engineers	35.32	26.3	1,413	26.3	73,474	26.3
Miscellaneous sales and related workers	25.09	21.8	967	22.7	50,270	22.7
Office and administrative support occupations	17.88	1.5	711	1.5	36,930	1.5
First-line supervisors/managers of office and administrative support workers	25.06	2.8	1,008	3.1	52,388	3.1

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
Office and administrative support occupations –Continued						
Switchboard operators, including answering service	\$14.18	8.4%	\$567	8.4%	\$29,495	8.4%
Financial clerks	17.37	1.3	692	1.2	35,984	1.2
Bill and account collectors	19.76	6.9	790	6.9	41,100	6.9
Billing and posting clerks and machine operators	17.32	3.0	687	3.0	35,738	3.0
Bookkeeping, accounting, and auditing clerks	17.93	2.0	717	2.0	37,264	2.0
Payroll and timekeeping clerks	17.55	3.5	702	3.5	36,505	3.5
Procurement clerks	15.92	8.4	605	5.8	31,470	5.8
Tellers	13.95	2.0	553	2.3	28,759	2.3
Brokerage clerks	19.61	4.0	785	4.0	40,795	4.0
Credit authorizers, checkers, and clerks	19.67	12.0	787	12.0	40,921	12.0
Customer service representatives	17.86	5.0	713	5.0	37,080	5.0
Eligibility interviewers, government programs	18.12	4.6	718	4.5	37,321	4.5
File clerks	15.79	3.2	621	3.5	32,268	3.5
Hotel, motel, and resort desk clerks	10.53	4.4	412	5.1	21,439	5.1
Interviewers, except eligibility and loan	16.37	7.7	650	7.7	33,777	7.7
Loan interviewers and clerks	17.24	5.9	687	5.9	35,700	5.9
Order clerks	17.46	4.2	697	4.1	35,922	4.1
Human resources assistants, except payroll and timekeeping	19.80	2.7	786	2.6	40,879	2.6
Receptionists and information clerks	14.70	3.0	583	2.8	30,277	2.8
Reservation and transportation ticket agents and travel clerks	16.32	9.7	653	9.7	33,940	9.7
Couriers and messengers	13.11	5.3	524	5.3	27,263	5.3
Dispatchers	19.97	11.1	794	11.1	41,301	11.1
Dispatchers, except police, fire, and ambulance	20.00	11.2	795	11.2	41,356	11.2
Meter readers, utilities	24.57	9.5	983	9.5	51,102	9.5
Production, planning, and expediting clerks	24.16	3.3	966	3.3	50,253	3.3
Shipping, receiving, and traffic clerks	14.59	2.4	583	2.3	30,329	2.3
Stock clerks and order fillers	14.61	1.6	581	1.8	30,206	1.8
Weighers, measurers, checkers, and samplers, recordkeeping	15.87	13.2	635	13.2	33,015	13.2
Secretaries and administrative assistants	21.96	2.6	867	2.6	45,014	2.6
Executive secretaries and administrative assistants	24.37	2.0	970	2.3	50,464	2.3
Legal secretaries	26.31	8.5	1,012	7.7	52,615	7.7
Medical secretaries	17.85	6.8	684	6.7	35,447	6.7

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						
Secretaries, except legal, medical, and executive	\$17.43	3.6%	\$697	3.6%	\$36,085	3.6%
Data entry and information processing workers	15.02	9.0	596	8.7	31,003	8.7
Data entry keyers	13.78	2.0	546	1.4	28,402	1.4
Word processors and typists	17.93	18.7	714	18.5	37,124	18.5
Insurance claims and policy processing clerks	18.38	4.5	728	4.8	37,837	4.8
Mail clerks and mail machine operators, except postal service	11.51	13.8	454	13.4	23,629	13.4
Office clerks, general	15.99	3.2	634	3.0	32,931	3.0
Office machine operators, except computer ..	15.14	15.1	603	15.0	31,373	15.0
Farming, fishing, and forestry occupations ..	14.18	25.5	559	25.6	22,138	25.6
Construction and extraction occupations	24.09	3.4	956	3.3	48,735	3.3
First-line supervisors/managers of construction trades and extraction workers	34.27	3.5	1,374	3.7	69,886	3.7
Carpenters	24.06	4.9	957	4.9	48,743	4.9
Cement masons, concrete finishers, and terrazzo workers	26.01	6.3	1,041	6.3	50,385	6.3
Cement masons and concrete finishers	26.01	6.3	1,041	6.3	50,385	6.3
Construction laborers	19.38	4.6	752	4.3	37,344	4.3
Construction equipment operators	23.71	7.4	943	7.3	45,689	7.3
Operating engineers and other construction equipment operators	25.66	10.6	1,026	10.6	50,681	10.6
Drywall installers, ceiling tile installers, and tapers	22.40	13.2	885	12.1	45,712	12.1
Drywall and ceiling tile installers	24.07	13.3	946	12.1	48,737	12.1
Tapers	20.69	11.0	821	10.2	42,559	10.2
Electricians	28.94	5.6	1,157	5.6	60,161	5.6
Painters and paperhangers	18.52	4.7	720	6.9	37,425	6.9
Painters, construction and maintenance	18.36	5.1	712	7.4	37,031	7.4
Pipelayers, plumbers, pipefitters, and steamfitters	29.10	2.3	1,164	2.3	60,519	2.3
Plumbers, pipefitters, and steamfitters	28.92	2.4	1,157	2.4	60,152	2.4
Roofers	20.02	16.6	799	16.6	39,505	16.6
Sheet metal workers	36.07	16.8	1,443	16.8	75,035	16.8
Structural iron and steel workers	27.84	7.6	1,113	7.6	57,285	7.6
Helpers, construction trades	16.52	3.7	661	3.7	34,181	3.7
Helpers--carpenters	15.54	2.2	622	2.2	32,083	2.2

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
Construction and extraction occupations						
–Continued						
Miscellaneous construction and related workers	\$15.69	11.3%	\$628	11.3%	\$31,998	11.3%
Installation, maintenance, and repair occupations	23.58	3.7	944	3.7	48,943	3.7
First-line supervisors/managers of mechanics, installers, and repairers	29.55	6.5	1,185	6.6	61,646	6.6
Computer, automated teller, and office machine repairers	17.29	26.4	691	26.4	35,935	26.4
Radio and telecommunications equipment installers and repairers	28.01	6.1	1,120	6.1	58,260	6.1
Telecommunications equipment installers and repairers, except line installers	28.01	6.1	1,120	6.1	58,260	6.1
Miscellaneous electrical and electronic equipment mechanics, installers, and repairers	24.80	6.5	992	6.5	51,527	6.5
Electrical and electronics repairers, commercial and industrial equipment	27.77	9.1	1,111	9.1	57,595	9.1
Aircraft mechanics and service technicians ..	29.60	5.3	1,184	5.3	61,573	5.3
Automotive technicians and repairers	20.58	5.8	819	5.8	42,583	5.8
Automotive body and related repairers	17.56	6.1	703	6.1	36,532	6.1
Automotive service technicians and mechanics	20.99	7.4	835	7.3	43,398	7.3
Bus and truck mechanics and diesel engine specialists	24.20	6.0	965	6.2	50,159	6.2
Heavy vehicle and mobile equipment service technicians and mechanics	22.08	6.5	883	6.5	45,931	6.5
Mobile heavy equipment mechanics, except engines	23.10	5.8	924	5.8	48,046	5.8
Small engine mechanics	19.30	14.4	772	14.4	40,137	14.4
Miscellaneous vehicle and mobile equipment mechanic, installers, and repairers	12.46	5.9	498	5.9	25,915	5.9
Tire repairers and changers	12.43	6.0	497	6.0	25,846	6.0
Heating, air conditioning, and refrigeration mechanics and installers	35.78	21.5	1,489	20.2	76,791	20.2
Industrial machinery installation, repair, and maintenance workers	22.82	3.8	911	3.9	46,852	3.9
Industrial machinery mechanics	24.91	3.6	995	3.6	51,743	3.6
Maintenance and repair workers, general ..	21.71	5.6	864	5.5	43,430	5.5
Maintenance workers, machinery	20.91	13.1	836	13.1	43,487	13.1
Line installers and repairers	29.06	3.6	1,163	3.6	60,453	3.6

See footnotes at end of table.

RSE Table 12

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

Occupation ²	Hourly earnings ³		Weekly earnings ⁵		Annual earnings ⁶	
	Mean	Relative error ⁴	Mean	Relative error ⁴	Mean	Relative error ⁴
Installation, maintenance, and repair occupations –Continued						
Electrical power-line installers and repairers	\$36.79	7.0%	\$1,472	7.0%	\$76,523	7.0%
Precision instrument and equipment repairers	26.76	6.7	1,070	6.7	55,652	6.7
Miscellaneous installation, maintenance, and repair workers	15.61	6.6	625	6.6	32,359	6.6
Helpers--installation, maintenance, and repair workers	11.97	7.6	479	7.6	24,731	7.6
Production occupations	16.58	1.9	658	2.1	34,054	2.1
First-line supervisors/managers of production and operating workers	26.45	5.4	1,078	6.0	56,077	6.0
Electrical, electronics, and electromechanical assemblers	13.82	6.8	549	7.2	28,570	7.2
Electrical and electronic equipment assemblers	13.77	7.2	546	7.8	28,386	7.8
Electromechanical equipment assemblers	13.60	14.7	544	14.7	28,280	14.7
Miscellaneous assemblers and fabricators	13.99	3.5	554	3.5	28,833	3.5
Team assemblers	10.50	6.7	420	6.7	21,837	6.7
Bakers	11.79	3.7	449	4.3	23,371	4.3
Butchers and other meat, poultry, and fish processing workers	16.75	9.1	667	9.1	34,677	9.1
Butchers and meat cutters	17.28	10.0	687	10.0	35,742	10.0
Miscellaneous food processing workers	12.30	6.9	491	6.9	25,465	6.9
Food batchmakers	12.87	8.8	514	8.8	26,511	8.8
Food cooking machine operators and tenders	9.46	4.3	378	4.3	19,679	4.3
Computer control programmers and operators	20.29	12.9	812	12.9	42,200	12.9
Computer-controlled machine tool operators, metal and plastic	19.94	14.4	798	14.4	41,471	14.4
Forming machine setters, operators, and tenders, metal and plastic	16.12	10.6	645	10.6	33,533	10.6
Machine tool cutting setters, operators, and tenders, metal and plastic	15.16	9.7	606	9.7	31,526	9.7
Cutting, punching, and press machine setters, operators, and tenders, metal and plastic	17.25	9.2	690	9.2	35,876	9.2
Grinding, lapping, polishing, and buffing machine tool setters, operators, and tenders, metal and plastic	12.08	7.7	483	7.7	25,130	7.7

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						
Lathe and turning machine tool setters, operators, and tenders, metal and plastic	\$13.67	11.1%	\$547	11.1%	\$28,436	11.1%
Machinists	24.53	3.4	981	3.4	51,017	3.4
Molders and molding machine setters, operators, and tenders, metal and plastic	14.61	13.5	547	18.5	28,432	18.5
Molding, coremaking, and casting machine setters, operators, and tenders, metal and plastic	14.05	19.0	513	25.1	26,670	25.1
Multiple machine tool setters, operators, and tenders, metal and plastic	13.80	3.9	552	3.9	28,708	3.9
Tool and die makers	24.40	5.9	976	5.9	50,742	5.9
Welding, soldering, and brazing workers	19.76	4.6	790	4.6	41,099	4.6
Welders, cutters, solderers, and brazers	20.17	5.1	807	5.1	41,957	5.1
Welding, soldering, and brazing machine setters, operators, and tenders	17.91	15.0	717	15.0	37,260	15.0
Miscellaneous metalworkers and plastic workers	16.07	6.6	643	6.6	33,416	6.6
Plating and coating machine setters, operators, and tenders, metal and plastic	18.37	15.4	735	15.4	38,207	15.4
Printers	18.99	6.6	757	6.8	39,371	6.8
Job printers	18.25	14.2	721	13.6	37,498	13.6
Prepress technicians and workers	25.09	8.5	1,004	8.5	52,191	8.5
Printing machine operators	16.59	4.3	663	4.3	34,434	4.3
Laundry and dry-cleaning workers	9.61	5.8	379	5.7	19,730	5.7
Sewing machine operators	8.68	6.7	336	7.5	17,491	7.5
Tailors, dressmakers, and sewers	13.74	19.7	545	19.6	28,354	19.6
Tailors, dressmakers, and custom sewers ..	13.74	19.7	545	19.6	28,354	19.6
Textile machine setters, operators, and tenders	10.47	5.9	419	5.9	21,786	5.9
Textile cutting machine setters, operators, and tenders	10.47	5.9	419	5.9	21,786	5.9
Miscellaneous textile, apparel, and furnishings workers	15.20	29.6	608	29.6	31,622	29.6
Cabinetmakers and bench carpenters	13.96	3.5	559	3.5	29,045	3.5
Woodworking machine setters, operators, and tenders	12.07	7.4	483	7.4	25,048	7.4
Sawing machine setters, operators, and tenders, wood	12.77	7.4	511	7.4	26,456	7.4
Woodworking machine setters, operators, and tenders, except sawing	11.04	10.0	442	10.0	22,971	10.0
Stationary engineers and boiler operators	31.63	4.4	1,215	3.3	63,185	3.3

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 plant and system operators	\$30.82	2.7%	\$1,027	16.7%	\$53,399	16.7%
Petroleum pump system operators, refinery operators, and gaugers	31.33	3.6	1,241	4.1	64,517	4.1
Chemical processing machine setters, operators, and tenders	18.43	10.1	715	9.5	37,188	9.5
Separating, filtering, clarifying, precipitating, and still machine setters, operators, and tenders	19.19	12.7	761	12.0	39,559	12.0
Crushing, grinding, polishing, mixing, and blending workers	15.96	10.3	638	10.3	31,533	10.3
Grinding and polishing workers, hand	12.88	7.1	515	7.1	26,782	7.1
Mixing and blending machine setters, operators, and tenders	16.06	12.6	642	12.6	30,698	12.6
Cutting workers	13.23	11.9	502	7.5	24,556	7.5
Cutting and slicing machine setters, operators, and tenders	13.35	12.7	505	7.8	25,433	7.8
Extruding, forming, pressing, and compacting machine setters, operators, and tenders	16.54	17.0	662	17.0	34,412	17.0
Inspectors, testers, sorters, samplers, and weighers	16.59	2.9	652	3.6	33,310	3.6
Packaging and filling machine operators and tenders	13.58	9.8	540	9.4	27,726	9.4
Painting workers	14.28	17.0	570	17.0	29,647	17.0
Coating, painting, and spraying machine setters, operators, and tenders	12.64	11.5	503	11.7	26,176	11.7
Painters, transportation equipment	21.18	8.8	847	8.8	44,057	8.8
Photographic process workers and processing machine operators	22.02	8.5	834	7.2	43,381	7.2
Semiconductor processors	16.12	11.4	645	11.4	33,537	11.4
Miscellaneous production workers	14.29	8.5	567	8.3	29,363	8.3
Helpers--production workers	10.13	4.1	405	4.2	21,061	4.2
Transportation and material moving occupations	16.41	3.0	649	3.1	33,310	3.1
First-line supervisors/managers of helpers, laborers, and material movers, hand	21.32	9.5	853	9.5	44,341	9.5
First-line supervisors/managers of transportation and material-moving machine and vehicle operators	28.39	7.1	1,135	7.0	59,000	7.0
Aircraft pilots and flight engineers	105.84	15.7	2,316	10.8	120,441	10.8
Airline pilots, copilots, and flight engineers	107.36	15.5	2,332	10.7	121,255	10.7

See footnotes at end of table.

RSE Table 12

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

Occupation ²	Hourly earnings ³		Weekly earnings ⁵		Annual earnings ⁶	
	Mean	Relative error ⁴	Mean	Relative error ⁴	Mean	Relative error ⁴
Transportation and material moving occupations –Continued						
Bus drivers	\$15.47	3.6%	\$604	3.4%	\$30,363	3.4%
Bus drivers, transit and intercity	15.57	3.6	607	3.5	31,249	3.5
Driver/sales workers and truck drivers	18.97	2.7	763	3.4	39,410	3.4
Driver/sales workers	18.36	15.2	734	15.2	38,188	15.2
Truck drivers, heavy and tractor-trailer	20.48	2.4	827	3.6	42,651	3.6
Truck drivers, light or delivery services	16.09	5.7	643	5.8	33,292	5.8
Taxi drivers and chauffeurs	10.85	14.2	423	14.9	22,011	14.9
Parking lot attendants	9.37	8.8	375	8.8	19,493	8.8
Service station attendants	8.45	3.0	335	2.7	17,421	2.7
Crane and tower operators	34.49	3.1	1,372	3.5	71,355	3.5
Dredge, excavating, and loading machine operators	23.95	8.2	958	8.2	49,824	8.2
Excavating and loading machine and dragline operators	23.02	9.0	921	9.0	47,878	9.0
Industrial truck and tractor operators	15.25	3.2	609	3.2	31,336	3.2
Laborers and material movers, hand	12.29	2.0	485	1.9	24,596	1.9
Cleaners of vehicles and equipment	11.69	2.3	453	3.5	23,427	3.5
Laborers and freight, stock, and material movers, hand	13.28	1.9	527	2.0	26,714	2.0
Machine feeders and offbearers	10.33	10.7	411	10.4	21,366	10.4
Packers and packagers, hand	10.12	4.7	400	4.4	19,856	4.4

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	\$30.57	1.7%	\$1,205	1.5%	\$57,654	1.5%
Management occupations	45.35	3.5	1,814	3.6	92,424	3.6
General and operations managers	42.01	10.1	1,694	10.6	88,103	10.6
Administrative services managers	38.89	7.2	1,551	7.3	80,573	7.3
Computer and information systems managers	50.00	4.8	2,019	4.2	104,978	4.2
Financial managers	42.05	9.6	1,670	9.6	85,418	9.6
Human resources managers	45.40	9.1	1,816	9.1	94,430	9.1
Construction managers	39.43	4.0	1,577	4.0	82,013	4.0
Education administrators	51.23	3.7	2,062	3.5	97,892	3.5
Education administrators, elementary and secondary school	55.23	3.7	2,218	3.5	103,271	3.5
Engineering managers	58.10	5.8	2,324	5.8	120,839	5.8
Medical and health services managers	47.09	7.9	1,884	7.9	97,954	7.9
Social and community service managers	37.22	8.0	1,489	8.0	77,419	8.0
Business and financial operations occupations	29.99	3.5	1,199	3.4	62,235	3.4
Buyers and purchasing agents	26.19	6.4	1,047	6.4	54,466	6.4
Purchasing agents, except wholesale, retail, and farm products	26.26	7.3	1,051	7.3	54,630	7.3
Claims adjusters, appraisers, examiners, and investigators	29.48	5.4	1,165	4.9	60,598	4.9
Claims adjusters, examiners, and investigators	29.48	5.4	1,165	4.9	60,598	4.9
Compliance officers, except agriculture, construction, health and safety, and transportation	25.44	6.6	1,017	6.6	52,906	6.6
Human resources, training, and labor relations specialists	32.87	8.3	1,318	8.2	68,545	8.2
Compensation, benefits, and job analysis specialists	27.30	8.7	1,092	8.7	56,776	8.7
Management analysts	32.71	3.8	1,318	3.5	68,555	3.5
Accountants and auditors	29.51	6.1	1,180	6.1	61,384	6.1
Appraisers and assessors of real estate	28.03	11.1	1,121	11.1	58,308	11.1
Budget analysts	27.68	8.1	1,107	8.1	57,584	8.1
Tax examiners, collectors, preparers, and revenue agents	25.19	9.3	1,008	9.3	52,404	9.3
Tax examiners, collectors, and revenue agents	25.19	9.3	1,008	9.3	52,404	9.3
Computer and mathematical science occupations	31.84	2.2	1,272	2.3	65,631	2.3
Computer programmers	36.55	6.7	1,462	6.7	76,024	6.7

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 –Continued						
Computer software engineers	\$34.70	4.3%	\$1,388	4.3%	\$72,176	4.3%
Computer software engineers, applications	34.07	3.9	1,363	3.9	70,871	3.9
Computer support specialists	24.78	4.3	991	4.3	50,284	4.3
Computer systems analysts	35.55	3.8	1,422	3.8	73,942	3.8
Network and computer systems administrators	29.30	8.7	1,156	9.4	59,234	9.4
Architecture and engineering occupations						
Engineers	36.76	3.6	1,470	3.6	76,463	3.6
Civil engineers	41.51	3.5	1,660	3.5	86,331	3.5
Civil engineers	41.91	3.2	1,676	3.2	87,164	3.2
Engineering technicians, except drafters	30.54	6.5	1,222	6.5	63,526	6.5
Civil engineering technicians	27.40	2.6	1,096	2.6	56,984	2.6
Life, physical, and social science occupations						
Life scientists	30.76	3.0	1,227	2.9	61,932	2.9
Biological scientists	26.81	9.3	1,072	9.3	54,364	9.3
Biological scientists	27.00	14.2	1,080	14.2	54,130	14.2
Conservation scientists and foresters	26.68	9.7	1,067	9.7	55,135	9.7
Conservation scientists	24.18	3.8	967	3.8	50,303	3.8
Physical scientists	33.67	10.8	1,347	10.8	70,041	10.8
Environmental scientists and geoscientists	30.47	9.3	1,219	9.3	63,367	9.3
Environmental scientists and specialists, including health	30.47	9.3	1,219	9.3	63,367	9.3
Psychologists	40.22	5.5	1,602	5.3	71,531	5.3
Clinical, counseling, and school psychologists	39.75	5.5	1,582	5.3	69,965	5.3
Urban and regional planners	39.46	5.6	1,564	5.0	81,329	5.0
Miscellaneous life, physical, and social science technicians	25.86	9.2	1,034	9.2	53,790	9.2
Community and social services occupations						
Counselors	28.43	3.3	1,134	3.3	56,535	3.3
Educational, vocational, and school counselors	32.33	5.7	1,287	5.7	60,704	5.7
Counselors	31.73	5.0	1,252	4.8	55,967	4.8
Social workers	27.85	5.1	1,112	5.0	57,045	5.0
Child, family, and school social workers ..	26.40	6.3	1,055	6.3	54,167	6.3
Medical and public health social workers	24.03	6.5	961	6.5	49,991	6.5
Miscellaneous community and social service specialists	25.10	6.8	1,003	6.8	51,413	6.8
Probation officers and correctional treatment specialists	30.70	7.2	1,230	7.2	63,217	7.2
Social and human service assistants	18.98	7.2	756	7.3	38,303	7.3

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
Legal occupations	\$36.61	7.0%	\$1,464	7.0%	\$76,145	7.0%
Lawyers	46.55	6.2	1,862	6.2	96,833	6.2
Paralegals and legal assistants	24.10	8.5	964	8.5	50,129	8.5
Miscellaneous legal support workers	25.60	25.3	1,024	25.3	53,247	25.3
Education, training, and library occupations	41.40	3.0	1,529	2.9	59,968	2.9
Postsecondary teachers	52.29	6.4	2,045	6.5	85,766	6.5
Social sciences teachers, postsecondary	60.52	15.0	2,379	15.8	95,694	15.8
Health teachers, postsecondary	79.39	6.1	3,165	6.2	149,605	6.2
Health specialties teachers, postsecondary	79.77	6.2	3,180	6.2	150,859	6.2
Arts, communications, and humanities teachers, postsecondary	55.45	10.1	2,190	9.8	86,038	9.8
Miscellaneous postsecondary teachers	38.24	7.1	1,482	6.2	62,471	6.2
Vocational education teachers, postsecondary	25.49	13.8	995	12.3	48,647	12.3
Primary, secondary, and special education school teachers	43.93	1.5	1,622	.9	60,825	.9
Preschool and kindergarten teachers	38.95	7.1	1,384	6.4	52,603	6.4
Preschool teachers, except special education	26.33	8.2	890	7.2	36,082	7.2
Kindergarten teachers, except special education	44.32	5.4	1,609	5.0	59,476	5.0
Elementary and middle school teachers	44.31	1.6	1,640	1.1	61,206	1.1
Elementary school teachers, except special education	44.51	1.6	1,647	1.2	61,659	1.2
Middle school teachers, except special and vocational education	43.23	2.4	1,600	1.2	58,790	1.2
Secondary school teachers	43.50	3.6	1,613	3.0	61,003	3.0
Secondary school teachers, except special and vocational education	43.90	3.8	1,632	2.8	61,598	2.8
Vocational education teachers, secondary school	36.52	8.9	1,297	5.8	50,747	5.8
Special education teachers	44.34	2.9	1,609	2.3	60,032	2.3
Special education teachers, preschool, kindergarten, and elementary school	43.12	2.4	1,579	2.5	59,183	2.5
Special education teachers, secondary school	47.60	7.8	1,681	6.0	61,865	6.0
Other teachers and instructors	42.88	2.7	1,522	2.9	59,655	2.9
Librarians	31.31	8.0	1,213	5.2	58,940	5.2
Library technicians	19.89	6.5	779	7.2	37,616	7.2
Instructional coordinators	40.26	5.8	1,591	4.5	70,862	4.5
Teacher assistants	16.35	3.1	525	5.6	21,906	5.6

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
Arts, design, entertainment, sports, and media occupations	\$28.49	7.0%	\$1,098	6.8%	\$55,530	6.8%
Public relations specialists	26.64	5.3	1,065	5.3	55,404	5.3
Miscellaneous media and communication workers	24.97	13.8	971	14.0	47,983	14.0
Healthcare practitioner and technical occupations	31.85	3.9	1,345	3.8	68,587	3.8
Physicians and surgeons	24.46	18.4	1,501	14.2	77,321	14.2
Registered nurses	41.38	5.3	1,601	5.6	82,468	5.6
Therapists	36.05	6.2	1,386	5.7	59,635	5.7
Clinical laboratory technologists and technicians	21.06	5.4	842	5.4	43,795	5.4
Medical and clinical laboratory technicians	20.37	4.4	815	4.4	42,372	4.4
Diagnostic related technologists and technicians	34.83	18.0	1,358	20.2	70,598	20.2
Radiologic technologists and technicians ..	34.83	18.0	1,358	20.2	70,598	20.2
Health diagnosing and treating practitioner support technicians	22.83	7.1	911	7.3	47,389	7.3
Psychiatric technicians	26.76	2.2	1,067	2.6	55,459	2.6
Licensed practical and licensed vocational nurses	19.44	4.1	736	3.2	37,436	3.2
Occupational health and safety specialists and technicians	30.12	4.5	1,205	4.5	62,649	4.5
Occupational health and safety specialists	30.14	5.6	1,206	5.6	62,692	5.6
Healthcare support occupations	16.32	4.4	648	4.6	33,454	4.6
Nursing, psychiatric, and home health aides	14.62	4.9	577	5.4	29,754	5.4
Nursing aides, orderlies, and attendants	13.71	4.3	540	4.8	27,778	4.8
Miscellaneous healthcare support occupations	17.96	5.9	719	5.9	37,079	5.9
Medical assistants	16.00	4.2	640	4.2	33,273	4.2
Protective service occupations	31.81	3.1	1,314	3.5	67,867	3.5
First-line supervisors/managers, law enforcement workers	43.53	3.8	1,742	3.7	90,569	3.7
First-line supervisors/managers of correctional officers	38.73	5.6	1,558	5.6	81,000	5.6
First-line supervisors/managers of police and detectives	45.35	4.8	1,811	4.6	94,175	4.6
First-line supervisors/managers of fire fighting and prevention workers	35.67	5.9	1,679	9.2	87,299	9.2
Fire fighters	28.85	9.1	1,418	11.8	73,741	11.8

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
Protective service occupations –Continued						
Bailiffs, correctional officers, and jailers	\$27.21	6.1%	\$1,089	6.2%	\$56,646	6.2%
Correctional officers and jailers	27.21	6.1	1,089	6.2	56,646	6.2
Detectives and criminal investigators	36.28	7.8	1,451	7.8	71,128	7.8
Police officers	35.09	1.9	1,401	1.8	72,621	1.8
Police and sheriff's patrol officers	35.09	1.9	1,401	1.8	72,621	1.8
Security guards and gaming surveillance officers	19.42	9.0	757	9.7	37,560	9.7
Security guards	19.42	9.0	757	9.7	37,560	9.7
Miscellaneous protective service workers	22.92	5.3	917	5.3	47,669	5.3
Food preparation and serving related occupations						
First-line supervisors/managers, food preparation and serving workers	21.92	16.5	772	24.5	35,142	24.5
First-line supervisors/managers of food preparation and serving workers	21.92	16.5	772	24.5	35,142	24.5
Cooks	14.98	12.8	595	12.8	27,627	12.8
Cooks, institution and cafeteria	15.63	10.7	621	10.7	28,434	10.7
Food preparation workers	14.04	6.9	525	8.9	22,502	8.9
Fast food and counter workers	15.12	3.6	584	4.8	26,115	4.8
Combined food preparation and serving workers, including fast food	15.07	4.9	587	5.4	27,110	5.4
Building and grounds cleaning and maintenance occupations						
First-line supervisors/managers, building and grounds cleaning and maintenance workers	22.90	5.4	916	5.4	47,043	5.4
First-line supervisors/managers of housekeeping and janitorial workers ...	22.13	2.8	885	2.8	45,418	2.8
Building cleaning workers	16.79	2.6	671	2.6	34,311	2.6
Janitors and cleaners, except maids and housekeeping cleaners	16.91	2.7	675	2.7	34,541	2.7
Grounds maintenance workers	18.72	6.9	744	6.7	33,807	6.7
Landscaping and groundskeeping workers	19.08	4.4	754	4.6	38,742	4.6
Personal care and service occupations						
Gaming services workers	9.57	10.2	383	10.2	19,910	10.2
Child care workers	16.64	11.3	584	5.2	23,930	5.2
Sales and related occupations						
Retail sales workers	11.83	5.5	473	5.5	24,604	5.5
Cashiers, all workers	11.83	5.5	473	5.5	24,604	5.5

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	\$19.11	2.5%	\$759	2.6%	\$38,873	2.6%
First-line supervisors/managers of office and administrative support workers	24.17	6.2	961	6.0	49,989	6.0
Financial clerks	19.65	3.8	785	3.8	40,547	3.8
Bill and account collectors	19.03	9.6	761	9.6	39,573	9.6
Bookkeeping, accounting, and auditing clerks	19.89	4.4	795	4.4	41,345	4.4
Payroll and timekeeping clerks	20.78	3.9	821	4.5	40,589	4.5
Court, municipal, and license clerks	18.57	2.7	743	2.7	38,624	2.7
Eligibility interviewers, government programs	19.18	4.6	767	4.6	39,904	4.6
Library assistants, clerical	17.56	24.0	536	47.7	21,988	47.7
Human resources assistants, except payroll and timekeeping	20.13	6.7	805	6.7	41,868	6.7
Receptionists and information clerks	16.89	10.0	671	10.0	33,722	10.0
Dispatchers	22.33	11.4	901	11.7	45,790	11.7
Police, fire, and ambulance dispatchers	22.47	12.2	907	12.6	47,173	12.6
Secretaries and administrative assistants	20.94	2.5	832	2.6	42,450	2.6
Executive secretaries and administrative assistants	22.05	5.2	875	5.2	45,385	5.2
Legal secretaries	24.20	12.8	956	12.0	49,710	12.0
Secretaries, except legal, medical, and executive	19.43	2.7	772	3.0	38,625	3.0
Data entry and information processing workers	16.28	3.6	650	3.5	33,804	3.5
Word processors and typists	16.59	3.4	662	3.3	34,441	3.3
Office clerks, general	16.75	2.8	663	2.7	33,879	2.7
Farming, fishing, and forestry occupations ..	19.43	10.5	777	10.5	40,417	10.5
Construction and extraction occupations	25.85	3.8	1,034	3.8	53,775	3.8
First-line supervisors/managers of construction trades and extraction workers	28.90	2.6	1,156	2.6	60,103	2.6
Construction laborers	22.26	9.1	890	9.1	46,297	9.1
Construction equipment operators	24.55	7.1	982	7.1	51,072	7.1
Operating engineers and other construction equipment operators	24.50	7.5	980	7.5	50,959	7.5
Electricians	30.24	7.1	1,210	7.1	62,933	7.1
Pipelayers, plumbers, pipefitters, and steamfitters	27.29	8.2	1,092	8.2	56,760	8.2
Construction and building inspectors	29.55	5.0	1,182	5.0	61,466	5.0
Highway maintenance workers	19.18	9.0	767	9.0	39,897	9.0

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
Installation, maintenance, and repair occupations	\$27.78	2.7%	\$1,109	2.6%	\$57,656	2.6%
First-line supervisors/managers of mechanics, installers, and repairers	41.32	9.9	1,653	9.9	85,938	9.9
Automotive technicians and repairers	25.23	4.6	1,009	4.6	52,477	4.6
Bus and truck mechanics and diesel engine specialists	27.37	4.1	1,095	4.1	56,928	4.1
Heating, air conditioning, and refrigeration mechanics and installers	33.23	5.1	1,317	4.9	68,502	4.9
Industrial machinery installation, repair, and maintenance workers	24.41	4.5	975	4.5	50,723	4.5
Industrial machinery mechanics	32.05	6.8	1,282	6.8	66,670	6.8
Maintenance and repair workers, general ..	22.36	6.1	894	6.1	46,463	6.1
Miscellaneous installation, maintenance, and repair workers	23.04	9.9	922	9.9	47,925	9.9
Production occupations	26.17	10.9	1,041	10.9	53,780	10.9
Stationary engineers and boiler operators	36.14	7.1	1,433	6.6	72,534	6.6
Water and liquid waste treatment plant and system operators	21.65	10.6	860	10.7	44,713	10.7
Transportation and material moving occupations	23.51	3.9	930	4.6	46,005	4.6
First-line supervisors/managers of transportation and material-moving machine and vehicle operators	31.01	5.5	1,241	5.5	64,509	5.5
Bus drivers	21.58	2.3	834	3.4	38,811	3.4
Bus drivers, transit and intercity	23.88	1.7	955	1.7	49,661	1.7
Bus drivers, school	17.78	3.4	650	4.0	26,131	4.0
Driver/sales workers and truck drivers	21.59	8.4	863	8.4	44,901	8.4
Truck drivers, heavy and tractor-trailer	22.10	8.7	884	8.7	45,975	8.7

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

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

³ Earnings are the straight-time hourly wages or salaries paid to employees. They include incentive pay, cost-of-living adjustments, and hazard pay. Excluded are premium pay for overtime, vacations, and holidays; nonproduction bonuses; and tips. The mean is computed by totaling the pay of all workers and dividing by the number of workers, weighed by hours.

⁴ The relative standard error (RSE) is the standard error expressed as a percent of the estimate. It can be used to calculate a "confidence interval" around a sample estimate. For more information about RSEs, see appendix A.

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

⁶ Mean annual earnings are the straight-time annual wages or salaries paid to employees.

NOTE: Dashes indicate that data did not meet publication criteria. Overall occupational groups may include data for categories not shown separately.

SOURCE: Bureau of Labor Statistics, National Compensation Survey.

RSE Table 15

Private industry establishments with fewer than 100 workers: Relative standard errors of mean hourly, weekly, and annual earnings for full-time workers

Occupation ¹	Hourly earnings ²		Weekly earnings ⁴		Annual earnings ⁵	
	Mean	Relative error ³	Mean	Relative error ³	Mean	Relative error ³
All workers	\$21.06	1.8%	\$833	1.8%	\$43,001	1.8%
Management occupations	38.89	6.1	1,575	5.7	81,375	5.7
Chief executives	81.75	3.0	3,616	6.2	188,039	6.2
General and operations managers	39.58	13.4	1,628	11.7	84,636	11.7
Marketing and sales managers	43.17	4.9	1,761	4.5	91,567	4.5
Marketing managers	31.46	19.3	1,258	19.3	65,433	19.3
Sales managers	47.13	11.9	1,935	10.9	100,640	10.9
Administrative services managers	32.66	12.1	1,334	11.8	69,215	11.8
Computer and information systems managers	56.63	12.0	2,265	12.0	117,783	12.0
Financial managers	40.42	7.5	1,642	7.1	85,394	7.1
Human resources managers	50.31	11.7	1,957	9.6	101,744	9.6
Industrial production managers	48.76	9.5	1,951	9.5	101,426	9.5
Transportation, storage, and distribution managers	33.39	27.6	1,345	29.1	69,930	29.1
Construction managers	44.42	7.6	1,767	7.3	91,877	7.3
Education administrators	28.50	9.1	1,133	9.2	54,244	9.2
Education administrators, preschool and child care center/program	21.71	16.6	870	16.6	41,273	16.6
Education administrators, elementary and secondary school	44.54	17.1	1,783	17.1	92,336	17.1
Education administrators, postsecondary ..	33.30	12.5	1,332	12.5	69,268	12.5
Engineering managers	52.70	6.6	2,108	6.6	109,615	6.6
Medical and health services managers	39.94	16.9	1,582	16.9	82,269	16.9
Property, real estate, and community association managers	24.69	16.7	989	16.0	51,425	16.0
Social and community service managers	23.20	6.4	938	7.5	48,798	7.5
Business and financial operations occupations	30.80	4.4	1,231	4.4	64,006	4.4
Buyers and purchasing agents	26.12	4.4	1,045	4.4	54,333	4.4
Purchasing agents, except wholesale, retail, and farm products	24.32	5.6	973	5.6	50,580	5.6
Claims adjusters, appraisers, examiners, and investigators	28.39	8.4	1,103	8.9	57,332	8.9
Claims adjusters, examiners, and investigators	28.39	8.4	1,103	8.9	57,332	8.9
Cost estimators	33.60	14.4	1,343	14.4	69,849	14.4
Human resources, training, and labor relations specialists	29.91	6.5	1,194	6.6	62,112	6.6
Accountants and auditors	29.98	4.5	1,184	4.5	61,553	4.5
Financial analysts and advisors	34.38	9.5	1,369	9.5	71,198	9.5
Financial analysts	46.08	31.9	1,843	31.9	95,851	31.9

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
Business and financial operations occupations –Continued						
Personal financial advisors	\$27.08	19.6%	\$1,083	19.6%	\$56,332	19.6%
Insurance underwriters	31.22	14.3	1,229	12.8	63,901	12.8
Loan counselors and officers	33.63	42.4	1,345	42.4	69,940	42.4
Loan officers	33.63	42.4	1,345	42.4	69,940	42.4
Computer and mathematical science occupations						
Computer software engineers	37.49	7.7	1,485	7.3	77,210	7.3
Computer software engineers, applications	41.84	14.1	1,644	12.8	85,465	12.8
Computer software engineers, systems software	42.88	22.0	1,667	20.2	86,672	20.2
Computer support specialists	40.06	2.2	1,602	2.2	83,330	2.2
Computer systems analysts	34.63	16.5	1,364	15.8	70,907	15.8
Network and computer systems administrators	38.46	14.8	1,538	14.8	79,989	14.8
Administrators	30.98	10.0	1,220	10.9	63,438	10.9
Architecture and engineering occupations						
Architects, except naval	33.76	4.5	1,385	5.1	71,981	5.1
Architects, except landscape and naval	33.71	4.3	1,387	4.6	72,130	4.6
Architects, except landscape and naval	34.22	5.7	1,412	6.4	73,401	6.4
Engineers	41.44	4.9	1,747	6.8	90,782	6.8
Civil engineers	38.02	9.9	1,522	9.9	79,151	9.9
Electrical and electronics engineers	51.26	14.8	2,315	8.7	120,363	8.7
Electronics engineers, except computer	50.86	17.2	2,382	10.0	123,869	10.0
Environmental engineers	29.18	1.9	1,258	9.1	65,432	9.1
Industrial engineers, including health and safety	34.88	5.4	1,429	5.4	74,299	5.4
Industrial engineers	34.88	5.4	1,429	5.4	74,299	5.4
Mechanical engineers	41.10	9.9	1,715	11.9	89,181	11.9
Drafters	24.36	6.5	974	6.5	50,662	6.5
Architectural and civil drafters	23.83	5.4	953	5.4	49,569	5.4
Engineering technicians, except drafters	22.94	5.1	916	5.1	47,617	5.1
Electrical and electronic engineering technicians	25.50	4.4	1,021	4.4	53,077	4.4
Life, physical, and social science occupations						
Life scientists	30.33	11.9	1,253	13.2	65,153	13.2
Life scientists	30.53	21.1	1,221	21.1	63,498	21.1
Physical scientists	29.45	3.8	1,255	4.0	65,284	4.0
Environmental scientists and geoscientists	29.03	3.5	1,270	4.8	66,030	4.8
Environmental scientists and specialists, including health	29.59	6.0	1,202	7.5	62,504	7.5

See footnotes at end of table.

RSE Table 15

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

Occupation ¹	Hourly earnings ²		Weekly earnings ⁴		Annual earnings ⁵	
	Mean	Relative error ³	Mean	Relative error ³	Mean	Relative error ³
Community and social services occupations	\$21.85	8.9%	\$865	9.4%	\$44,260	9.4%
Counselors	16.82	15.5	651	17.2	33,524	17.2
Social workers	27.11	9.4	1,091	9.2	56,729	9.2
Miscellaneous community and social service specialists	21.08	8.8	834	8.8	42,394	8.8
Social and human service assistants	17.23	7.1	684	7.3	34,302	7.3
Legal occupations	45.24	10.9	1,791	12.2	93,132	12.2
Lawyers	60.02	9.9	2,424	10.7	126,042	10.7
Paralegals and legal assistants	29.63	2.9	1,140	3.1	59,272	3.1
Education, training, and library occupations	17.58	7.6	689	7.4	32,004	7.4
Primary, secondary, and special education school teachers	16.90	10.7	662	10.2	30,131	10.2
Preschool and kindergarten teachers	12.43	6.2	491	6.5	23,915	6.5
Preschool teachers, except special education	12.33	6.2	487	6.4	23,788	6.4
Elementary and middle school teachers	26.94	10.7	1,030	9.7	39,733	9.7
Elementary school teachers, except special education	27.41	12.4	1,044	11.3	41,008	11.3
Secondary school teachers	27.43	9.6	1,083	10.2	46,300	10.2
Secondary school teachers, except special and vocational education	27.43	9.6	1,083	10.2	46,300	10.2
Special education teachers	26.87	9.4	1,031	9.1	41,201	9.1
Teacher assistants	11.88	5.2	462	4.5	22,587	4.5
Arts, design, entertainment, sports, and media occupations	30.49	20.3	1,218	19.2	63,318	19.2
Designers	26.58	10.4	1,051	9.5	54,630	9.5
Graphic designers	24.17	12.6	967	12.6	50,269	12.6
Healthcare practitioner and technical occupations	38.76	13.6	1,517	14.0	78,851	14.0
Pharmacists	54.03	1.7	2,161	1.6	112,385	1.6
Physician assistants	48.54	16.1	1,906	16.1	99,096	16.1
Registered nurses	30.68	13.4	1,209	13.3	62,855	13.3
Therapists	48.08	8.4	1,920	8.5	99,170	8.5
Physical therapists	49.99	24.7	1,999	24.7	103,971	24.7
Dental hygienists	37.61	9.5	1,292	8.0	67,181	8.0
Diagnostic related technologists and technicians	27.88	15.3	1,107	15.4	57,561	15.4
Radiologic technologists and technicians ..	27.85	15.4	1,105	15.5	57,484	15.5

See footnotes at end of table.

RSE Table 15

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

Occupation ¹	Hourly earnings ²		Weekly earnings ⁴		Annual earnings ⁵	
	Mean	Relative error ³	Mean	Relative error ³	Mean	Relative error ³
Healthcare practitioner and technical occupations –Continued						
Health diagnosing and treating practitioner support technicians	\$17.88	5.9%	\$687	6.1%	\$35,731	6.1%
Pharmacy technicians	16.05	8.0	616	8.3	32,047	8.3
Licensed practical and licensed vocational nurses	20.06	5.8	794	6.5	41,311	6.5
Medical records and health information technicians	15.80	6.1	632	6.1	32,870	6.1
Healthcare support occupations	14.72	4.2	566	3.7	29,414	3.7
Nursing, psychiatric, and home health aides	11.01	4.4	432	4.3	22,460	4.3
Home health aides	10.72	13.0	381	11.6	19,797	11.6
Nursing aides, orderlies, and attendants	10.99	4.7	435	4.6	22,616	4.6
Miscellaneous healthcare support occupations	16.16	3.7	616	3.2	31,985	3.2
Dental assistants	18.71	4.6	685	4.8	35,634	4.8
Medical assistants	13.95	3.4	546	2.6	28,390	2.6
Protective service occupations	11.75	9.1	453	7.5	23,570	7.5
Security guards and gaming surveillance officers	11.15	8.9	430	7.7	22,341	7.7
Security guards	11.15	8.9	430	7.7	22,341	7.7
Food preparation and serving related occupations	10.62	1.5	407	2.1	21,118	2.1
First-line supervisors/managers, food preparation and serving workers	16.72	3.7	673	4.0	34,983	4.0
Chefs and head cooks	19.50	11.0	790	11.2	41,100	11.2
First-line supervisors/managers of food preparation and serving workers	16.25	4.7	653	5.3	33,954	5.3
Cooks	11.27	2.4	436	2.9	22,662	2.9
Cooks, fast food	10.03	5.9	387	6.4	20,138	6.4
Cooks, institution and cafeteria	12.38	4.9	494	4.7	25,254	4.7
Cooks, restaurant	11.36	2.6	438	3.8	22,760	3.8
Cooks, short order	11.43	8.7	446	8.5	23,170	8.5
Food preparation workers	10.29	9.1	405	9.2	21,080	9.2
Food service, tipped	8.27	1.8	306	2.1	15,783	2.1
Bartenders	8.66	2.4	311	4.4	16,185	4.4
Waiters and waitresses	8.13	2.1	302	3.2	15,547	3.2
Dining room and cafeteria attendants and bartender helpers	8.30	2.3	312	3.5	16,248	3.5
Fast food and counter workers	8.87	2.4	343	2.5	17,825	2.5

See footnotes at end of table.

RSE Table 15

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

Occupation ¹	Hourly earnings ²		Weekly earnings ⁴		Annual earnings ⁵	
	Mean	Relative error ³	Mean	Relative error ³	Mean	Relative error ³
Food preparation and serving related occupations –Continued						
Combined food preparation and serving workers, including fast food	\$8.77	1.4%	\$342	1.7%	\$17,808	1.7%
Counter attendants, cafeteria, food concession, and coffee shop	9.52	9.7	345	11.3	17,929	11.3
Dishwashers	9.45	4.2	359	5.6	18,683	5.6
Building and grounds cleaning and maintenance occupations						
First-line supervisors/managers, building and grounds cleaning and maintenance workers	12.59	2.6	491	2.9	25,444	2.9
First-line supervisors/managers of housekeeping and janitorial workers ...	15.50	7.4	621	7.4	32,315	7.4
Building cleaning workers	14.95	7.9	600	7.9	31,177	7.9
Janitors and cleaners, except maids and housekeeping cleaners	11.26	6.1	437	6.9	22,607	6.9
Maids and housekeeping cleaners	12.38	5.6	489	6.2	25,391	6.2
Grounds maintenance workers	9.11	2.4	343	3.7	17,649	3.7
Landscaping and groundskeeping workers	13.67	6.0	532	6.5	27,653	6.5
	13.46	7.3	532	7.4	27,646	7.4
Personal care and service occupations						
Miscellaneous entertainment attendants and related workers	12.34	8.5	471	8.7	23,610	8.7
Amusement and recreation attendants	11.07	10.4	431	14.9	21,422	14.9
Child care workers	11.42	10.7	470	12.2	23,075	12.2
Personal and home care aides	10.17	5.1	397	4.5	20,156	4.5
Recreation and fitness workers	10.85	3.1	428	3.0	22,252	3.0
	20.83	6.1	814	5.8	42,333	5.8
Sales and related occupations						
First-line supervisors/managers, sales workers	20.63	3.7	821	3.9	42,670	3.9
First-line supervisors/managers of retail sales workers	22.78	12.5	949	13.8	49,356	13.8
First-line supervisors/managers of non-retail sales workers	21.38	13.6	895	15.4	46,527	15.4
Retail sales workers	28.58	11.3	1,171	10.8	60,912	10.8
Cashiers, all workers	14.07	7.3	553	7.7	28,765	7.7
Cashiers	11.07	3.6	435	3.5	22,626	3.5
Counter and rental clerks and parts salespersons	11.07	3.6	435	3.5	22,626	3.5
Counter and rental clerks	15.36	5.8	610	5.9	31,738	5.9
	12.58	4.6	503	4.6	26,176	4.6

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
Sales and related occupations –Continued						
Parts salespersons	\$16.22	6.3%	\$643	6.5%	\$33,448	6.5%
Retail salespersons	15.96	11.6	625	12.6	32,522	12.6
Advertising sales agents	27.81	8.9	1,086	7.3	56,488	7.3
Insurance sales agents	44.74	27.0	1,791	27.4	93,153	27.4
Securities, commodities, and financial services sales agents	46.11	17.6	1,844	17.6	95,901	17.6
Sales representatives, wholesale and manufacturing	29.63	8.2	1,205	8.4	62,636	8.4
Sales representatives, wholesale and manufacturing, technical and scientific products	34.71	10.9	1,410	10.8	73,308	10.8
Sales representatives, wholesale and manufacturing, except technical and scientific products	27.90	8.4	1,135	9.0	58,999	9.0
Models, demonstrators, and product promoters	17.83	14.9	706	14.3	36,723	14.3
Demonstrators and product promoters	17.83	14.9	706	14.3	36,723	14.3
Miscellaneous sales and related workers	30.62	34.7	1,156	36.8	60,117	36.8
Office and administrative support occupations						
First-line supervisors/managers of office and administrative support workers	24.22	5.0	972	4.7	50,533	4.7
Financial clerks	17.01	1.8	676	1.7	35,163	1.7
Bill and account collectors	21.07	11.8	843	11.8	43,825	11.8
Billing and posting clerks and machine operators	15.93	6.2	628	6.3	32,632	6.3
Bookkeeping, accounting, and auditing clerks	17.70	2.7	707	2.7	36,765	2.7
Payroll and timekeeping clerks	20.18	9.4	807	9.4	41,979	9.4
Procurement clerks	17.54	4.9	620	2.5	32,240	2.5
Tellers	13.64	2.4	540	2.6	28,066	2.6
Customer service representatives	17.69	5.4	705	5.2	36,677	5.2
File clerks	15.75	8.5	606	8.1	31,507	8.1
Hotel, motel, and resort desk clerks	9.86	5.3	385	6.4	20,029	6.4
Loan interviewers and clerks	17.76	10.7	703	11.0	36,546	11.0
Order clerks	17.91	3.7	715	3.7	37,157	3.7
Receptionists and information clerks	14.03	3.4	556	3.2	28,868	3.2
Dispatchers	19.77	9.6	782	9.9	40,672	9.9
Dispatchers, except police, fire, and ambulance	19.77	9.6	782	9.9	40,672	9.9
Production, planning, and expediting clerks	23.69	11.6	948	11.6	49,280	11.6

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
Office and administrative support occupations –Continued						
Shipping, receiving, and traffic clerks	\$14.69	3.1%	\$587	3.1%	\$30,536	3.1%
Stock clerks and order fillers	14.27	2.5	567	2.9	29,471	2.9
Secretaries and administrative assistants	20.07	4.8	790	4.8	40,941	4.8
Executive secretaries and administrative assistants	23.60	5.6	936	6.5	48,685	6.5
Legal secretaries	22.06	11.8	862	11.1	44,803	11.1
Medical secretaries	17.79	9.0	677	8.5	35,015	8.5
Secretaries, except legal, medical, and executive	16.42	4.6	657	4.6	33,906	4.6
Data entry and information processing workers	13.64	2.5	539	1.7	28,022	1.7
Data entry keyers	14.12	1.5	555	1.7	28,863	1.7
Insurance claims and policy processing clerks	19.96	9.9	788	9.9	40,994	9.9
Office clerks, general	15.58	5.3	617	5.0	32,004	5.0
Office machine operators, except computer ..	15.14	15.1	603	15.0	31,373	15.0
Construction and extraction occupations	23.25	2.4	920	2.6	46,964	2.6
First-line supervisors/managers of construction trades and extraction workers	33.27	3.7	1,331	3.7	68,423	3.7
Carpenters	23.69	4.4	942	4.4	48,217	4.4
Cement masons, concrete finishers, and terrazzo workers	24.56	11.1	983	11.1	46,041	11.1
Cement masons and concrete finishers	24.56	11.1	983	11.1	46,041	11.1
Construction laborers	17.84	5.0	686	5.6	34,749	5.6
Construction equipment operators	22.02	6.1	875	6.0	42,118	6.0
Operating engineers and other construction equipment operators	22.53	12.2	901	12.2	44,200	12.2
Drywall installers, ceiling tile installers, and tapers	22.62	14.3	903	14.2	46,979	14.2
Drywall and ceiling tile installers	24.21	14.3	965	14.0	50,170	14.0
Tapers	21.26	15.8	850	15.8	44,211	15.8
Electricians	28.73	6.7	1,149	6.7	59,756	6.7
Painters and paperhangers	18.44	6.9	713	9.5	37,089	9.5
Painters, construction and maintenance	18.44	6.9	713	9.5	37,089	9.5
Pipelayers, plumbers, pipefitters, and steamfitters	27.45	4.0	1,098	4.0	57,102	4.0
Plumbers, pipefitters, and steamfitters	27.13	4.8	1,085	4.8	56,423	4.8
Roofers	19.95	17.0	796	17.1	39,339	17.1
Structural iron and steel workers	26.77	7.4	1,071	7.4	55,685	7.4

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						
Helpers, construction trades	\$14.55	9.4%	\$582	9.4%	\$30,102	9.4%
Miscellaneous construction and related workers	16.67	15.2	667	15.2	33,505	15.2
Installation, maintenance, and repair occupations	22.98	5.4	921	5.5	47,698	5.5
First-line supervisors/managers of mechanics, installers, and repairers	28.65	8.5	1,151	8.6	59,847	8.6
Computer, automated teller, and office machine repairers	17.18	35.4	687	35.4	35,730	35.4
Radio and telecommunications equipment installers and repairers	26.00	14.5	1,040	14.5	54,083	14.5
Telecommunications equipment installers and repairers, except line installers	26.00	14.5	1,040	14.5	54,083	14.5
Miscellaneous electrical and electronic equipment mechanics, installers, and repairers	24.56	29.7	982	29.7	51,079	29.7
Automotive technicians and repairers	20.73	5.9	824	5.9	42,843	5.9
Automotive body and related repairers	17.56	6.1	703	6.1	36,532	6.1
Automotive service technicians and mechanics	21.27	7.7	844	7.7	43,897	7.7
Bus and truck mechanics and diesel engine specialists	23.03	8.5	917	8.7	47,672	8.7
Heavy vehicle and mobile equipment service technicians and mechanics	18.80	9.9	752	9.9	39,095	9.9
Mobile heavy equipment mechanics, except engines	20.25	9.7	810	9.7	42,112	9.7
Small engine mechanics	19.30	14.4	772	14.4	40,137	14.4
Miscellaneous vehicle and mobile equipment mechanic, installers, and repairers	12.50	6.3	500	6.3	25,994	6.3
Tire repairers and changers	12.50	6.3	500	6.3	25,994	6.3
Heating, air conditioning, and refrigeration mechanics and installers	38.77	21.8	1,630	19.9	84,748	19.9
Industrial machinery installation, repair, and maintenance workers	20.78	4.9	830	4.8	42,162	4.8
Industrial machinery mechanics	23.39	4.4	936	4.4	48,661	4.4
Maintenance and repair workers, general ..	19.72	11.5	785	11.1	38,248	11.1
Maintenance workers, machinery	19.18	15.6	767	15.6	39,886	15.6
Miscellaneous installation, maintenance, and repair workers	13.89	9.6	555	9.6	28,713	9.6

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
Installation, maintenance, and repair occupations –Continued						
Helpers--installation, maintenance, and repair workers	\$11.84	10.8%	\$474	10.8%	\$24,429	10.8%
Production occupations	15.88	2.5	626	3.1	32,285	3.1
First-line supervisors/managers of production and operating workers	25.84	6.6	1,051	7.4	54,642	7.4
Electrical, electronics, and electromechanical assemblers	12.17	14.7	474	15.6	24,670	15.6
Electrical and electronic equipment assemblers	13.32	19.5	512	21.7	26,643	21.7
Miscellaneous assemblers and fabricators	12.50	4.6	489	4.8	25,403	4.8
Bakers	11.24	8.1	412	9.6	21,400	9.6
Miscellaneous food processing workers	13.97	8.3	559	8.3	28,732	8.3
Food batchmakers	13.48	13.6	539	13.6	27,505	13.6
Computer control programmers and operators	20.08	14.0	803	14.0	41,759	14.0
Computer-controlled machine tool operators, metal and plastic	20.08	15.0	803	15.0	41,772	15.0
Machine tool cutting setters, operators, and tenders, metal and plastic	19.31	10.0	772	10.0	40,157	10.0
Cutting, punching, and press machine setters, operators, and tenders, metal and plastic	18.65	13.0	746	13.0	38,792	13.0
Machinists	21.50	4.2	860	4.2	44,719	4.2
Welding, soldering, and brazing workers	20.39	7.6	816	7.6	42,418	7.6
Welders, cutters, solderers, and brazers	20.96	6.7	838	6.7	43,596	6.7
Miscellaneous metalworkers and plastic workers	16.26	9.2	650	9.2	33,823	9.2
Printers	18.03	12.9	721	12.9	37,487	12.9
Prepress technicians and workers	23.88	12.2	955	12.2	49,678	12.2
Printing machine operators	14.67	8.9	587	8.9	30,467	8.9
Laundry and dry-cleaning workers	8.66	6.0	345	6.0	17,952	6.0
Sewing machine operators	8.66	12.8	327	14.0	17,022	14.0
Cabinetmakers and bench carpenters	14.32	3.5	573	3.5	29,782	3.5
Woodworking machine setters, operators, and tenders	10.64	7.3	425	7.3	21,987	7.3
Sawing machine setters, operators, and tenders, wood	11.19	6.7	448	6.7	23,052	6.7
Crushing, grinding, polishing, mixing, and blending workers	17.34	12.4	694	12.4	33,539	12.4

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						
Mixing and blending machine setters, operators, and tenders	\$17.42	9.6%	\$697	9.6%	\$32,553	9.6%
Inspectors, testers, sorters, samplers, and weighers	14.68	8.6	579	8.3	28,561	8.3
Packaging and filling machine operators and tenders	13.73	6.7	549	6.7	27,406	6.7
Painting workers	16.10	9.5	642	9.6	33,390	9.6
Coating, painting, and spraying machine setters, operators, and tenders	14.76	10.9	585	11.1	30,413	11.1
Miscellaneous production workers	13.91	10.7	549	10.0	28,539	10.0
Helpers--production workers	9.67	5.6	386	5.6	20,081	5.6
Transportation and material moving occupations						
First-line supervisors/managers of helpers, laborers, and material movers, hand	18.70	7.4	748	7.4	38,904	7.4
First-line supervisors/managers of transportation and material-moving machine and vehicle operators	22.88	7.8	915	7.8	47,589	7.8
Bus drivers	14.65	5.0	554	9.9	27,321	9.9
Bus drivers, transit and intercity	14.77	5.8	555	11.4	28,849	11.4
Driver/sales workers and truck drivers	16.38	3.5	652	4.6	33,632	4.6
Driver/sales workers	18.24	17.3	730	17.3	37,949	17.3
Truck drivers, heavy and tractor-trailer	17.95	3.6	713	6.1	36,517	6.1
Truck drivers, light or delivery services	14.05	5.5	561	5.6	29,180	5.6
Service station attendants	8.42	2.9	334	2.6	17,353	2.6
Industrial truck and tractor operators	13.64	4.4	546	4.4	28,377	4.4
Laborers and material movers, hand	11.88	4.4	465	3.2	23,449	3.2
Cleaners of vehicles and equipment	11.11	7.5	424	4.9	22,031	4.9
Laborers and freight, stock, and material movers, hand	12.48	4.0	493	3.9	24,621	3.9
Packers and packagers, hand	10.65	8.7	420	8.1	20,760	8.1

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

² Earnings are the straight-time hourly wages or salaries paid to employees. They include incentive pay, cost-of-living adjustments, and hazard pay. Excluded are premium pay for overtime, vacations, and holidays; nonproduction bonuses; and tips. The mean is computed by totaling the pay of all workers and dividing by the number of workers, weighed by hours.

³ The relative standard error (RSE) is the standard error expressed as a percent of the estimate. It can be used to calculate a "confidence interval" around a sample estimate. For more information about RSEs, see appendix A.

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

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

NOTE: Dashes indicate that data did not meet publication criteria. Overall occupational groups may include data for categories not shown separately.

SOURCE: Bureau of Labor Statistics, National Compensation Survey.

RSE Table 16

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

Occupation ¹	Hourly earnings ²		Weekly earnings ⁴		Annual earnings ⁵	
	Mean	Relative error ³	Mean	Relative error ³	Mean	Relative error ³
All workers	\$26.85	2.4%	\$1,069	2.4%	\$55,194	2.4%
Management occupations	52.95	3.1	2,157	3.1	112,131	3.1
General and operations managers	72.24	5.9	2,894	5.9	150,490	5.9
Marketing and sales managers	52.56	8.2	2,181	7.8	113,404	7.8
Marketing managers	54.03	2.9	2,203	2.7	114,535	2.7
Sales managers	50.29	20.0	2,146	20.3	111,576	20.3
Administrative services managers	42.26	4.8	1,667	5.3	86,668	5.3
Computer and information systems managers	57.90	7.4	2,446	8.4	127,209	8.4
Financial managers	57.83	7.8	2,362	7.5	122,814	7.5
Human resources managers	45.50	16.6	1,849	15.8	96,149	15.8
Industrial production managers	46.12	4.0	1,852	3.8	96,295	3.8
Purchasing managers	52.42	2.9	2,151	4.0	111,852	4.0
Transportation, storage, and distribution managers	42.86	5.3	1,714	5.3	89,146	5.3
Construction managers	46.92	8.1	1,951	5.9	101,462	5.9
Education administrators	34.08	8.5	1,360	8.6	69,599	8.6
Education administrators, postsecondary ..	37.41	11.4	1,491	11.5	75,614	11.5
Engineering managers	63.64	3.1	2,557	3.1	132,964	3.1
Lodging managers	35.01	44.1	1,507	39.5	78,370	39.5
Medical and health services managers	48.27	6.9	1,929	6.9	100,293	6.9
Social and community service managers	30.16	11.9	1,206	11.9	62,314	11.9
Business and financial operations occupations	35.19	1.4	1,425	1.5	74,118	1.5
Buyers and purchasing agents	38.10	6.5	1,593	8.7	82,846	8.7
Wholesale and retail buyers, except farm products	35.05	10.3	1,411	10.1	73,383	10.1
Purchasing agents, except wholesale, retail, and farm products	39.37	9.5	1,672	12.1	86,961	12.1
Claims adjusters, appraisers, examiners, and investigators	25.73	10.1	1,018	10.0	52,927	10.0
Claims adjusters, examiners, and investigators	25.96	10.0	1,026	10.0	53,359	10.0
Cost estimators	35.12	10.0	1,405	10.0	73,053	10.0
Human resources, training, and labor relations specialists	30.77	5.0	1,238	5.0	64,396	5.0
Employment, recruitment, and placement specialists	28.00	11.3	1,120	11.3	58,231	11.3
Compensation, benefits, and job analysis specialists	26.72	6.4	1,080	6.0	56,145	6.0
Training and development specialists	29.55	9.9	1,197	10.3	62,220	10.3
Logisticians	38.88	11.1	1,555	11.1	80,864	11.1

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
Business and financial operations occupations –Continued						
Management analysts	\$37.86	4.8%	\$1,523	4.9%	\$79,182	4.9%
Accountants and auditors	32.39	4.9	1,312	5.3	68,247	5.3
Financial analysts and advisors	37.24	5.0	1,494	4.9	77,680	4.9
Financial analysts	36.92	5.8	1,483	5.6	77,106	5.6
Insurance underwriters	36.93	13.4	1,477	13.4	76,822	13.4
Loan counselors and officers	29.21	16.4	1,175	16.6	61,100	16.6
Loan officers	29.80	16.1	1,199	16.2	62,370	16.2
Computer and mathematical science occupations						
Computer programmers	40.11	2.5	1,643	2.6	85,406	2.6
Computer software engineers	38.61	6.4	1,544	6.4	80,313	6.4
Computer software engineers, applications	48.49	2.7	2,030	2.9	105,570	2.9
Computer software engineers, systems software	45.86	4.3	1,961	3.2	101,959	3.2
Computer support specialists	50.92	5.1	2,092	5.5	108,786	5.5
Computer systems analysts	26.40	7.2	1,073	7.7	55,754	7.7
Database administrators	38.94	4.4	1,587	4.8	82,510	4.8
Network and computer systems administrators	41.77	11.2	1,651	11.0	85,856	11.0
Network systems and data communications analysts	37.46	3.4	1,486	3.4	77,293	3.4
analysts	36.50	10.0	1,442	10.4	75,002	10.4
Architecture and engineering occupations						
Engineers	44.20	2.6	1,776	2.6	92,043	2.6
Aerospace engineers	47.94	4.1	1,929	4.2	100,301	4.2
Civil engineers	56.41	3.1	2,257	3.1	117,342	3.1
Computer hardware engineers	42.25	4.8	1,690	4.8	87,872	4.8
Electrical and electronics engineers	45.75	6.3	1,865	5.4	96,990	5.4
Electrical engineers	43.99	7.0	1,759	7.0	91,490	7.0
Electronics engineers, except computer	50.05	7.2	2,002	7.2	104,094	7.2
Industrial engineers, including health and safety	41.38	8.9	1,655	8.9	86,072	8.9
Industrial engineers	40.25	5.3	1,639	5.8	85,221	5.8
Mechanical engineers	41.76	3.5	1,699	4.2	88,365	4.2
Nuclear engineers	46.75	6.6	1,931	8.5	100,394	8.5
Drafters	45.76	.4	1,830	.4	95,174	.4
Architectural and civil drafters	32.46	14.1	1,298	14.1	67,521	14.1
Engineering technicians, except drafters	23.36	13.4	934	13.4	48,588	13.4
Aerospace engineering and operations technicians	29.72	4.4	1,189	4.4	60,392	4.4
technicians	30.38	4.5	1,215	4.5	63,189	4.5

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
Architecture and engineering occupations						
–Continued						
Electrical and electronic engineering technicians	\$26.25	3.5%	\$1,050	3.5%	\$54,594	3.5%
Industrial engineering technicians	30.25	7.5	1,210	7.5	62,922	7.5
Life, physical, and social science occupations	36.42	5.8	1,476	6.6	76,739	6.6
Life scientists	39.01	11.4	1,565	11.6	81,354	11.6
Biological scientists	38.53	8.2	1,548	8.5	80,489	8.5
Biochemists and biophysicists	39.43	13.4	1,579	13.5	82,133	13.5
Medical scientists	37.36	32.1	1,494	32.1	77,709	32.1
Physical scientists	39.29	4.1	1,577	4.0	82,018	4.0
Chemists and materials scientists	31.21	9.0	1,262	7.9	65,613	7.9
Chemists	31.21	9.0	1,262	7.9	65,613	7.9
Market and survey researchers	50.73	6.7	2,203	4.8	114,549	4.8
Market research analysts	50.73	6.7	2,203	4.8	114,549	4.8
Biological technicians	23.84	8.1	948	8.2	49,283	8.2
Community and social services occupations	21.66	10.0	841	9.7	43,112	9.7
Counselors	20.10	6.6	771	6.9	40,114	6.9
Social workers	24.03	13.6	961	13.6	49,206	13.6
Child, family, and school social workers ..	17.52	8.2	701	8.2	34,999	8.2
Medical and public health social workers	31.30	12.9	1,252	12.9	65,098	12.9
Miscellaneous community and social service specialists	14.60	5.3	585	5.2	28,847	5.2
Social and human service assistants	14.53	5.7	583	5.6	28,577	5.6
Legal occupations	69.12	17.9	2,734	18.1	142,145	18.1
Lawyers	92.98	14.7	3,651	15.5	189,876	15.5
Paralegals and legal assistants	29.94	6.7	1,197	6.7	62,266	6.7
Education, training, and library occupations	40.12	7.3	1,566	7.4	71,355	7.4
Postsecondary teachers	52.99	10.0	2,062	9.9	94,148	9.9
Social sciences teachers, postsecondary	52.69	4.3	2,055	4.4	78,276	4.4
Health teachers, postsecondary	59.59	23.5	2,384	23.5	123,050	23.5
Miscellaneous postsecondary teachers	46.10	21.3	1,806	21.1	90,582	21.1
Primary, secondary, and special education school teachers	29.31	14.0	1,141	14.5	46,978	14.5
Preschool and kindergarten teachers	15.59	8.3	624	8.3	31,050	8.3
Preschool teachers, except special education	15.32	7.8	613	7.8	30,578	7.8
Elementary and middle school teachers	34.68	7.7	1,327	8.7	49,578	8.7

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
Education, training, and library occupations						
-Continued						
Elementary school teachers, except special education	\$30.67	13.7%	\$1,163	15.1%	\$42,626	15.1%
Librarians	37.65	4.7	1,457	3.5	75,750	3.5
Arts, design, entertainment, sports, and media occupations						
Designers	29.32	6.3	1,163	6.1	60,118	6.1
Actors, producers, and directors	27.20	11.9	1,080	12.1	56,155	12.1
Producers and directors	43.34	9.3	1,734	9.3	90,143	9.3
Public relations specialists	43.34	9.3	1,734	9.3	90,143	9.3
Writers and editors	26.09	9.0	1,044	9.0	54,271	9.0
Technical writers	33.65	8.1	1,303	9.0	64,836	9.0
Broadcast and sound engineering technicians and radio operators	38.85	4.8	1,554	4.8	80,814	4.8
Healthcare practitioner and technical occupations						
Pharmacists	34.24	2.1	1,343	2.5	69,826	2.5
Physicians and surgeons	53.34	2.0	2,119	1.9	110,184	1.9
Registered nurses	59.87	15.5	2,434	16.0	126,570	16.0
Therapists	38.75	2.1	1,501	2.2	78,027	2.2
Occupational therapists	34.50	3.6	1,364	3.6	70,908	3.6
Physical therapists	37.39	4.3	1,496	4.3	77,776	4.3
Respiratory therapists	36.41	1.0	1,442	1.1	74,984	1.1
Clinical laboratory technologists and technicians	28.68	1.9	1,118	2.8	58,147	2.8
Medical and clinical laboratory technologists	23.72	9.0	947	9.0	49,222	9.0
Medical and clinical laboratory technicians	33.17	5.7	1,319	5.8	68,565	5.8
Diagnostic related technologists and technicians	18.24	5.1	730	5.1	37,937	5.1
Radiologic technologists and technicians ..	31.07	4.6	1,238	4.6	64,359	4.6
Health diagnosing and treating practitioner support technicians	28.68	3.9	1,143	3.9	59,433	3.9
Pharmacy technicians	21.01	3.4	835	3.4	43,423	3.4
Surgical technologists	19.75	3.1	782	3.5	40,653	3.5
Licensed practical and licensed vocational nurses	21.46	8.6	858	8.6	44,638	8.6
Medical records and health information technicians	23.11	3.0	898	3.7	46,672	3.7
	13.75	3.5	550	3.5	28,601	3.5

See footnotes at end of table.

RSE Table 16

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

Occupation ¹	Hourly earnings ²		Weekly earnings ⁴		Annual earnings ⁵	
	Mean	Relative error ³	Mean	Relative error ³	Mean	Relative error ³
Healthcare support occupations	\$14.44	3.3%	\$566	3.7%	\$29,420	3.7%
Nursing, psychiatric, and home health aides	12.72	3.1	494	3.5	25,685	3.5
Nursing aides, orderlies, and attendants	12.83	2.3	497	2.7	25,824	2.7
Psychiatric aides	12.56	8.9	503	8.9	26,133	8.9
Miscellaneous healthcare support occupations	16.59	3.1	661	3.1	34,288	3.1
Medical assistants	17.58	2.6	699	2.7	36,184	2.7
Protective service occupations	13.89	5.4	551	5.7	28,641	5.7
Security guards and gaming surveillance officers	13.25	6.1	525	6.3	27,300	6.3
Security guards	13.25	6.1	525	6.3	27,300	6.3
Miscellaneous protective service workers	12.30	7.7	464	9.3	24,118	9.3
Food preparation and serving related occupations	13.10	4.4	511	5.0	26,128	5.0
First-line supervisors/managers, food preparation and serving workers	21.28	5.1	874	4.6	44,374	4.6
Chefs and head cooks	24.47	6.4	1,010	5.4	50,051	5.4
First-line supervisors/managers of food preparation and serving workers	20.19	6.4	827	5.7	42,372	5.7
Cooks	14.24	3.7	563	3.5	29,271	3.5
Cooks, institution and cafeteria	16.19	6.2	647	6.2	33,665	6.2
Cooks, restaurant	13.80	3.8	543	3.8	28,226	3.8
Food preparation workers	11.77	7.8	466	7.8	24,224	7.8
Food service, tipped	9.01	5.4	337	6.7	16,652	6.7
Bartenders	10.64	9.8	423	9.9	22,003	9.9
Waiters and waitresses	8.85	7.8	323	9.3	16,058	9.3
Dining room and cafeteria attendants and bartender helpers	8.66	2.5	330	5.0	15,902	5.0
Fast food and counter workers	12.28	6.1	485	6.5	25,217	6.5
Combined food preparation and serving workers, including fast food	12.56	7.7	495	8.2	25,716	8.2
Food servers, nonrestaurant	10.52	7.4	416	7.4	21,606	7.4
Dishwashers	12.08	8.9	477	9.2	24,805	9.2
Hosts and hostesses, restaurant, lounge, and coffee shop	12.43	14.9	438	19.0	22,768	19.0
Building and grounds cleaning and maintenance occupations	12.96	4.2	513	4.6	26,665	4.6
First-line supervisors/managers, building and grounds cleaning and maintenance workers	20.87	11.0	864	6.1	44,946	6.1

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
Building and grounds cleaning and maintenance occupations –Continued						
First-line supervisors/managers of housekeeping and janitorial workers ...	\$20.78	11.0%	\$862	6.2%	\$44,830	6.2%
Building cleaning workers	12.71	5.6	504	5.7	26,184	5.7
Janitors and cleaners, except maids and housekeeping cleaners	13.31	7.2	528	7.3	27,481	7.3
Maids and housekeeping cleaners	11.45	6.2	451	6.1	23,435	6.1
Grounds maintenance workers	11.74	5.1	458	3.9	23,711	3.9
Landscaping and groundskeeping workers	11.56	4.5	451	3.7	23,334	3.7
Personal care and service occupations	13.99	7.6	496	6.0	24,355	6.0
First-line supervisors/managers of personal service workers	17.58	8.5	695	9.0	35,033	9.0
Gaming services workers	8.81	4.0	323	3.4	16,772	3.4
Miscellaneous entertainment attendants and related workers	10.53	6.2	421	6.2	15,860	6.2
Amusement and recreation attendants	10.30	8.3	412	8.3	13,712	8.3
Baggage porters, bellhops, and concierges	11.40	10.9	451	11.0	23,456	11.0
Baggage porters and bellhops	8.76	14.4	350	14.4	18,211	14.4
Concierges	12.41	12.7	489	12.7	25,418	12.7
Personal and home care aides	10.72	4.1	409	1.3	21,292	1.3
Recreation and fitness workers	17.65	13.1	687	13.2	35,736	13.2
Sales and related occupations	24.83	7.6	986	7.7	50,870	7.7
First-line supervisors/managers, sales workers	24.72	7.2	1,007	7.7	52,360	7.7
First-line supervisors/managers of retail sales workers	21.83	8.5	895	9.7	46,541	9.7
First-line supervisors/managers of non-retail sales workers	33.26	8.1	1,330	8.1	69,172	8.1
Retail sales workers	16.14	4.5	635	4.9	32,557	4.9
Cashiers, all workers	13.18	6.3	523	6.3	26,698	6.3
Cashiers	13.21	6.4	524	6.3	26,751	6.3
Counter and rental clerks and parts salespersons	16.54	7.2	662	7.2	34,398	7.2
Counter and rental clerks	16.57	14.3	663	14.3	34,457	14.3
Retail salespersons	17.26	4.7	675	5.5	34,657	5.5
Advertising sales agents	22.47	35.3	892	35.2	46,368	35.2
Securities, commodities, and financial services sales agents	70.65	36.6	2,826	36.6	146,944	36.6
Sales representatives, wholesale and manufacturing	34.72	8.8	1,396	8.8	72,585	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
Sales and related occupations –Continued						
Sales representatives, wholesale and manufacturing, technical and scientific products	\$47.06	6.2%	\$1,885	6.1%	\$98,003	6.1%
Sales representatives, wholesale and manufacturing, except technical and scientific products	27.58	13.1	1,111	13.2	57,793	13.2
Miscellaneous sales and related workers	18.95	5.8	747	6.1	38,857	6.1
Office and administrative support occupations						
First-line supervisors/managers of office and administrative support workers	18.60	1.3	741	1.3	38,526	1.3
Switchboard operators, including answering service	26.22	4.2	1,059	4.8	54,976	4.8
Financial clerks	14.38	9.6	575	9.6	29,916	9.6
Bill and account collectors	18.07	1.0	722	1.0	37,556	1.0
Billing and posting clerks and machine operators	18.89	6.2	756	6.2	39,289	6.2
Bookkeeping, accounting, and auditing clerks	18.44	3.5	736	3.4	38,254	3.4
Payroll and timekeeping clerks	18.57	2.3	743	2.3	38,613	2.3
Procurement clerks	17.11	3.1	684	3.1	35,582	3.1
Tellers	14.85	9.2	594	9.2	30,891	9.2
Brokers	15.48	5.3	619	5.3	32,202	5.3
Customer service representatives	20.05	4.6	802	4.6	41,695	4.6
Hotel, motel, and resort desk clerks	17.95	6.7	718	6.7	37,312	6.7
Interviewers, except eligibility and loan	12.54	7.7	496	7.6	25,769	7.6
Loan interviewers and clerks	16.37	7.7	650	7.7	33,777	7.7
Order clerks	16.86	6.7	674	6.7	35,065	6.7
Human resources assistants, except payroll and timekeeping	16.05	7.9	642	7.9	32,177	7.9
Receptionists and information clerks	19.92	1.8	794	2.0	41,283	2.0
Reservation and transportation ticket agents and travel clerks	16.39	6.2	650	6.1	33,820	6.1
Couriers and messengers	17.98	7.5	719	7.5	37,401	7.5
Dispatchers	13.74	8.5	550	8.5	28,587	8.5
Dispatchers, except police, fire, and ambulance	20.21	15.5	808	15.5	42,034	15.5
Production, planning, and expediting clerks	20.28	16.0	811	16.0	42,180	16.0
Shipping, receiving, and traffic clerks	24.34	6.1	974	6.1	50,629	6.1
Stock clerks and order fillers	14.51	3.7	580	3.6	30,149	3.6
	14.99	3.1	596	3.2	31,015	3.2

See footnotes at end of table.

RSE Table 16

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

Occupation 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						
Weighers, measurers, checkers, and samplers, recordkeeping	\$15.30	13.4%	\$612	13.4%	\$31,820	13.4%
Secretaries and administrative assistants	24.16	3.1	957	2.9	49,786	2.9
Executive secretaries and administrative assistants	24.89	2.4	994	2.4	51,688	2.4
Legal secretaries	31.81	6.3	1,200	6.1	62,378	6.1
Medical secretaries	18.02	8.2	706	8.9	36,699	8.9
Secretaries, except legal, medical, and executive	19.49	3.2	780	3.2	40,536	3.2
Data entry and information processing workers	15.78	10.3	628	10.1	32,647	10.1
Data entry keyers	13.59	3.0	541	2.7	28,131	2.7
Word processors and typists	20.55	11.0	817	10.9	42,475	10.9
Insurance claims and policy processing clerks	16.62	4.7	660	4.6	34,309	4.6
Office clerks, general	16.45	2.3	653	2.4	33,945	2.4
Farming, fishing, and forestry occupations ..	14.48	27.0	577	27.0	22,424	27.0
Construction and extraction occupations	25.87	7.4	1,032	7.4	52,487	7.4
First-line supervisors/managers of construction trades and extraction workers	36.52	7.3	1,472	7.9	73,103	7.9
Carpenters	25.58	9.5	1,023	9.5	50,890	9.5
Construction laborers	24.30	7.3	972	7.3	45,295	7.3
Construction equipment operators	32.64	3.4	1,306	3.4	65,503	3.4
Operating engineers and other construction equipment operators	32.64	3.4	1,306	3.4	65,503	3.4
Drywall installers, ceiling tile installers, and tapers	22.35	16.5	881	15.0	45,450	15.0
Drywall and ceiling tile installers	24.04	15.8	943	14.4	48,472	14.4
Electricians	29.28	11.1	1,171	11.1	60,833	11.1
Painters and paperhangers	18.76	6.4	740	6.2	38,491	6.2
Painters, construction and maintenance	18.01	9.2	707	8.1	36,778	8.1
Pipelayers, plumbers, pipefitters, and steamfitters	30.33	2.6	1,213	2.6	63,078	2.6
Plumbers, pipefitters, and steamfitters	30.30	2.8	1,212	2.8	63,015	2.8
Sheet metal workers	31.44	6.8	1,258	6.8	65,397	6.8
Structural iron and steel workers	29.04	11.5	1,162	11.5	59,059	11.5

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
Installation, maintenance, and repair occupations	\$24.52	3.6%	\$980	3.6%	\$50,916	3.6%
First-line supervisors/managers of mechanics, installers, and repairers	32.03	7.8	1,281	7.8	66,622	7.8
Computer, automated teller, and office machine repairers	17.64	9.1	703	8.8	36,549	8.8
Radio and telecommunications equipment installers and repairers	29.33	3.6	1,173	3.6	60,997	3.6
Telecommunications equipment installers and repairers, except line installers	29.33	3.6	1,173	3.6	60,997	3.6
Miscellaneous electrical and electronic equipment mechanics, installers, and repairers	24.95	11.6	998	11.6	51,812	11.6
Electrical and electronics repairers, commercial and industrial equipment	27.77	9.1	1,111	9.1	57,595	9.1
Aircraft mechanics and service technicians ..	29.88	6.2	1,195	6.2	62,157	6.2
Automotive technicians and repairers	19.87	9.7	795	9.7	41,326	9.7
Automotive service technicians and mechanics	19.87	9.7	795	9.7	41,326	9.7
Bus and truck mechanics and diesel engine specialists	27.41	5.2	1,096	5.2	57,013	5.2
Heavy vehicle and mobile equipment service technicians and mechanics	25.60	3.6	1,024	3.6	53,249	3.6
Mobile heavy equipment mechanics, except engines	25.63	5.3	1,025	5.3	53,307	5.3
Heating, air conditioning, and refrigeration mechanics and installers	23.86	19.6	955	19.6	47,740	19.6
Industrial machinery installation, repair, and maintenance workers	24.65	6.2	984	6.4	51,149	6.4
Industrial machinery mechanics	26.21	8.1	1,046	8.1	54,376	8.1
Maintenance and repair workers, general ..	23.81	10.4	947	10.8	49,247	10.8
Maintenance workers, machinery	23.32	18.1	933	18.1	48,500	18.1
Line installers and repairers	29.69	3.1	1,188	3.1	61,756	3.1
Telecommunications line installers and repairers	29.20	3.4	1,168	3.4	60,735	3.4
Miscellaneous installation, maintenance, and repair workers	18.51	10.8	740	10.8	38,497	10.8
Helpers--installation, maintenance, and repair workers	12.41	8.2	496	8.2	25,808	8.2
Production occupations	17.11	3.1	682	3.3	35,402	3.3
First-line supervisors/managers of production and operating workers	26.87	6.8	1,097	7.7	57,065	7.7

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
Production occupations –Continued						
Electrical, electronics, and electromechanical assemblers	\$14.33	5.5%	\$573	5.5%	\$29,816	5.5%
Electrical and electronic equipment assemblers	13.91	5.7	556	5.7	28,924	5.7
Electromechanical equipment assemblers	14.90	13.3	596	13.3	30,982	13.3
Miscellaneous assemblers and fabricators	14.89	5.2	595	5.2	30,963	5.2
Team assemblers	10.91	9.1	437	9.1	22,701	9.1
Bakers	12.42	11.7	497	11.7	25,842	11.7
Butchers and other meat, poultry, and fish processing workers	18.97	8.3	753	8.4	39,152	8.4
Butchers and meat cutters	21.11	.7	834	1.1	43,394	1.1
Miscellaneous food processing workers	11.55	8.3	461	8.3	23,996	8.3
Food batchmakers	12.43	11.6	496	11.5	25,771	11.5
Food cooking machine operators and tenders	9.46	4.3	378	4.3	19,679	4.3
Computer control programmers and operators	21.32	16.8	853	16.8	44,354	16.8
Machine tool cutting setters, operators, and tenders, metal and plastic	13.51	6.2	540	6.2	28,106	6.2
Machinists	26.58	3.8	1,063	3.8	55,291	3.8
Molders and molding machine setters, operators, and tenders, metal and plastic	15.70	11.4	628	11.4	32,659	11.4
Multiple machine tool setters, operators, and tenders, metal and plastic	13.43	.9	537	.9	27,927	.9
Welding, soldering, and brazing workers	19.12	6.0	765	6.0	39,768	6.0
Welders, cutters, solderers, and brazers	19.11	9.5	764	9.5	39,744	9.5
Welding, soldering, and brazing machine setters, operators, and tenders	19.15	10.3	766	10.3	39,824	10.3
Miscellaneous metalworkers and plastic workers	15.89	9.1	636	9.1	33,048	9.1
Printers	19.99	6.2	795	6.2	41,342	6.2
Printing machine operators	17.84	8.6	712	8.5	37,011	8.5
Laundry and dry-cleaning workers	10.79	6.5	421	7.1	21,902	7.1
Miscellaneous textile, apparel, and furnishings workers	12.54	10.2	501	10.2	26,073	10.2
Woodworking machine setters, operators, and tenders	13.10	7.2	524	7.2	27,256	7.2
Sawing machine setters, operators, and tenders, wood	14.06	9.2	562	9.2	29,239	9.2
Stationary engineers and boiler operators	31.63	4.4	1,215	3.3	63,185	3.3
Miscellaneous plant and system operators	31.27	5.6	1,242	5.8	64,608	5.8

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
Production occupations –Continued						
Petroleum pump system operators, refinery operators, and gaugers	\$31.33	3.6%	\$1,241	4.1%	\$64,517	4.1%
Chemical processing machine setters, operators, and tenders	19.34	12.9	741	12.2	38,514	12.2
Crushing, grinding, polishing, mixing, and blending workers	12.79	7.0	512	7.0	26,606	7.0
Extruding, forming, pressing, and compacting machine setters, operators, and tenders	16.54	17.0	662	17.0	34,412	17.0
Inspectors, testers, sorters, samplers, and weighers	17.37	5.8	682	6.7	35,324	6.7
Packaging and filling machine operators and tenders	13.54	11.8	537	11.4	27,812	11.4
Painting workers	11.84	23.1	474	23.1	24,627	23.1
Semiconductor processors	16.34	12.2	654	12.2	33,985	12.2
Miscellaneous production workers	14.68	12.8	586	12.7	30,232	12.7
Helpers--production workers	10.69	4.0	428	4.0	22,242	4.0
Transportation and material moving occupations						
First-line supervisors/managers of helpers, laborers, and material movers, hand	23.12	12.5	925	12.5	48,088	12.5
First-line supervisors/managers of transportation and material-moving machine and vehicle operators	30.58	6.8	1,222	6.8	63,532	6.8
Aircraft pilots and flight engineers	107.36	15.5	2,332	10.7	121,255	10.7
Airline pilots, copilots, and flight engineers	107.36	15.5	2,332	10.7	121,255	10.7
Bus drivers	16.08	7.9	643	7.9	32,859	7.9
Bus drivers, transit and intercity	16.08	7.9	643	7.9	32,859	7.9
Driver/sales workers and truck drivers	22.41	2.8	914	2.9	47,334	2.9
Truck drivers, heavy and tractor-trailer	22.91	2.0	940	2.4	48,820	2.4
Truck drivers, light or delivery services	20.89	9.5	835	9.5	42,873	9.5
Parking lot attendants	8.74	3.5	350	3.5	18,180	3.5
Crane and tower operators	34.49	3.1	1,372	3.5	71,355	3.5
Dredge, excavating, and loading machine operators	26.62	4.2	1,065	4.2	55,364	4.2
Industrial truck and tractor operators	15.88	3.8	633	3.8	32,464	3.8
Laborers and material movers, hand	12.66	3.8	503	3.8	25,663	3.8
Cleaners of vehicles and equipment	12.85	8.1	515	7.9	26,311	7.9
Laborers and freight, stock, and material movers, hand	14.04	2.9	559	2.9	28,755	2.9

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
Transportation and material moving occupations –Continued						
Machine feeders and offbearers	\$10.04	13.5%	\$399	13.3%	\$20,763	13.3%
Packers and packagers, hand	9.88	6.0	390	6.5	19,451	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 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	1.2%	1.3%	2.3%	1.4%	1.6%	4.5%
Management, professional, and related	2.4	5.6	2.4	.8	.9	3.0
Management, business, and financial	6.0	7.1	6.4	2.1	2.4	2.5
Professional and related	2.4	6.3	2.1	2.5	2.7	4.7
Service	3.2	3.5	3.5	1.2	1.2	6.4
Sales and office	3.0	5.7	2.4	1.3	1.4	5.1
Sales and related	3.5	3.5	8.4	2.2	2.2	19.1
Office and administrative support	3.4	7.0	2.5	1.2	1.2	5.2
Natural resources, construction, and maintenance	2.1	2.5	1.9	1.9	2.0	9.1
Construction and extraction	3.1	3.4	4.4	2.8	2.8	11.7
Installation, maintenance, and repair	5.6	6.8	2.0	1.8	1.9	11.9
Production, transportation, and material moving	2.2	2.3	3.7	1.6	1.6	8.2
Production	3.9	4.3	9.1	1.8	1.8	10.7
Transportation and material moving ...	3.4	3.6	3.7	2.3	2.3	13.6

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	-	-	-	-	-	-	3.4%	2.4%	-
Management, professional, and related	-	-	-	-	-	-	3.6	16.4	-
Management, business, and financial	-	-	-	-	-	-	2.5	7.0	-
Professional and related	-	-	-	-	-	-	3.9	37.3	-
Service	-	-	-	-	-	-	2.4	1.5	-
Sales and office	-	-	-	-	-	-	3.0	4.1	-
Sales and related	-	-	-	-	-	-	18.0	9.4	-
Office and administrative support	-	-	-	-	-	-	3.1	3.3	-
Natural resources, construction, and maintenance	-	-	-	-	-	-	7.0	8.2	-
Installation, maintenance, and repair	-	-	-	-	-	-	11.6	6.2	-
Production, transportation, and material moving	-	-	-	-	-	-	8.8	6.2	-
Production	-	-	-	-	-	-	11.9	7.7	-
Transportation and material moving	-	-	-	-	-	-	6.4	8.0	-

¹ Industry sectors are determined by the 2007 North American Industry Classification System (NAICS).
² The relative standard error (RSE) is the standard error expressed as a percent of the estimate. It can be used to calculate a "confidence interval" around a sample estimate. For more information about RSEs, see appendix A.
³ Earnings are the straight-time hourly wages or salaries paid to employees. They include incentive pay, cost-of-living adjustments, and hazard pay. Excluded are premium pay for overtime, vacations, and holidays; nonproduction bonuses; and tips. The mean is computed by totaling the pay of all workers and dividing by the number of workers, weighed by hours.
⁴ A classification system including about 800 individual occupations is used to cover all workers in the civilian

economy. See appendix B for more information.
⁵ The relative standard error (RSE) is the standard error expressed as a percent of the estimate. It can be used to calculate a "confidence interval" around a sample estimate. For more information about RSEs, see appendix A.
 NOTE: Dashes indicate that data did not meet publication criteria.
 SOURCE: Bureau of Labor Statistics, National Compensation Survey.

RSE Table 20

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

Occupation and work level ¹	Hourly earnings ²		Weekly earnings ⁴		Annual earnings ⁵	
	Mean	Relative error ³	Mean	Relative error ³	Mean	Relative error ³
All workers	\$29.12	1.8%	\$1,144	1.8%	\$59,508	1.8%
Level 1	16.14	12.2	646	12.2	33,573	12.2
Level 2	13.01	2.5	509	2.1	26,452	2.1
Level 3	14.41	2.6	569	2.6	29,563	2.6
Level 4	16.90	1.4	670	1.4	34,828	1.4
Level 5	20.16	3.4	797	3.3	41,442	3.3
Level 6	23.32	2.3	922	2.5	47,940	2.5
Level 7	28.09	3.6	1,105	4.1	57,442	4.1
Level 8	35.32	7.2	1,392	7.3	72,405	7.3
Level 9	37.82	1.8	1,445	1.7	75,161	1.7
Level 10	45.99	3.1	1,840	3.1	95,656	3.1
Level 11	47.70	2.9	1,892	2.9	98,376	2.9
Level 12	64.17	12.5	2,567	12.5	133,483	12.5
Not able to be leveled	36.66	9.8	1,494	9.6	77,711	9.6
Management occupations	47.85	4.7	1,913	4.7	99,458	4.7
Level 11	47.39	6.5	1,890	6.5	98,279	6.5
Not able to be leveled	41.43	5.5	1,657	5.5	86,168	5.5
Medical and health services managers	48.68	5.8	1,945	5.8	101,128	5.8
Level 11	49.01	4.5	1,953	4.6	101,579	4.6
Business and financial operations occupations	28.07	5.2	1,123	5.2	58,393	5.2
Level 8	26.45	4.0	1,058	4.0	55,017	4.0
Buyers and purchasing agents	25.29	11.9	1,012	11.9	52,605	11.9
Accountants and auditors	32.54	8.0	1,302	8.0	67,690	8.0
Computer and mathematical science occupations	40.15	7.8	1,601	7.8	83,262	7.8
Community and social services occupations	29.46	8.9	1,128	7.4	58,670	7.4
Level 9	30.94	5.8	1,128	14.4	58,671	14.4
Social workers	31.07	9.8	1,243	9.8	64,631	9.8
Healthcare practitioner and technical occupations	35.83	1.5	1,399	1.7	72,748	1.7
Level 4	16.56	6.2	663	6.2	34,452	6.2
Level 5	20.38	2.7	795	3.1	41,319	3.1
Level 6	24.16	3.2	950	3.4	49,398	3.4
Level 7	27.95	4.9	1,099	4.9	57,134	4.9
Level 8	38.05	7.9	1,492	8.1	77,573	8.1
Level 9	38.51	2.1	1,470	2.1	76,455	2.1
Level 10	47.40	4.3	1,896	4.3	98,599	4.3
Level 11	48.02	3.6	1,899	3.5	98,768	3.5

See footnotes at end of table.

RSE Table 20

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

Occupation and work level ¹	Hourly earnings ²		Weekly earnings ⁴		Annual earnings ⁵	
	Mean	Relative error ³	Mean	Relative error ³	Mean	Relative error ³
Healthcare practitioner and technical occupations –Continued						
Not able to be leveled	\$42.32	12.3%	\$1,750	11.9%	\$91,013	11.9%
Pharmacists	52.61	2.3	2,082	1.9	108,277	1.9
Level 11	54.89	1.7	2,159	2.1	112,261	2.1
Physicians and surgeons	50.26	13.9	2,125	13.7	110,498	13.7
Registered nurses	40.69	2.1	1,558	2.6	81,033	2.6
Level 8	41.00	10.9	1,604	11.6	83,422	11.6
Level 9	39.19	2.4	1,477	2.4	76,824	2.4
Level 10	48.55	4.9	1,942	4.9	100,988	4.9
Not able to be leveled	45.83	15.9	1,833	15.9	95,335	15.9
Therapists	34.55	4.0	1,369	4.0	71,166	4.0
Level 8	29.44	2.1	1,148	2.5	59,707	2.5
Level 9	36.53	4.5	1,453	4.4	75,566	4.4
Occupational therapists	37.39	4.3	1,496	4.3	77,776	4.3
Level 9	36.59	4.4	1,463	4.4	76,098	4.4
Physical therapists	36.45	2.6	1,443	2.8	75,014	2.8
Level 9	36.45	2.6	1,443	2.8	75,014	2.8
Respiratory therapists	28.19	2.5	1,102	3.1	57,327	3.1
Clinical laboratory technologists and technicians	25.89	7.3	1,032	7.3	53,639	7.3
Level 4	18.06	10.5	722	10.5	37,558	10.5
Level 9	35.31	14.7	1,394	15.2	72,482	15.2
Medical and clinical laboratory technologists	34.52	7.2	1,368	7.5	71,120	7.5
Level 9	35.31	14.7	1,394	15.2	72,482	15.2
Medical and clinical laboratory technicians	20.21	4.4	808	4.4	42,036	4.4
Level 4	18.10	11.0	724	11.0	37,639	11.0
Diagnostic related technologists and technicians	30.68	5.9	1,215	6.2	63,157	6.2
Level 7	27.99	5.6	1,112	5.5	57,816	5.5
Level 8	36.12	10.3	1,445	10.3	75,126	10.3
Level 9	39.32	4.3	1,573	4.3	81,793	4.3
Radiologic technologists and technicians ..	28.46	5.8	1,123	6.2	58,393	6.2
Level 7	27.73	5.3	1,101	5.1	57,273	5.1
Health diagnosing and treating practitioner support technicians	23.01	6.0	919	6.0	47,800	6.0
Level 6	25.33	3.6	1,013	3.6	52,679	3.6
Pharmacy technicians	19.99	3.3	800	3.3	41,583	3.3
Psychiatric technicians	26.74	2.5	1,070	2.5	55,617	2.5
Surgical technologists	19.68	9.5	787	9.5	40,931	9.5
Level 6	23.12	6.8	925	6.8	48,081	6.8

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	\$21.76	2.5%	\$836	3.1%	\$43,473	3.1%
Level 5	20.17	1.1	748	3.0	38,878	3.0
Level 6	22.01	3.5	850	3.5	44,202	3.5
Medical records and health information technicians	17.80	15.1	712	15.1	37,025	15.1
Healthcare support occupations	15.46	3.2	607	3.4	31,554	3.4
Level 2	12.96	3.0	500	1.2	26,007	1.2
Level 3	13.61	3.3	531	3.4	27,602	3.4
Level 4	16.00	4.7	631	5.2	32,810	5.2
Level 5	20.99	6.6	839	6.6	43,649	6.6
Level 6	21.72	5.3	869	5.3	45,174	5.3
Nursing, psychiatric, and home health aides	14.25	2.4	555	2.7	28,867	2.7
Level 2	13.16	2.7	504	.6	26,213	.6
Level 3	13.75	3.4	535	3.6	27,829	3.6
Level 4	15.38	4.4	604	5.1	31,383	5.1
Nursing aides, orderlies, and attendants	14.00	2.0	544	2.4	28,282	2.4
Level 2	13.08	4.0	499	1.3	25,955	1.3
Level 3	13.75	3.4	535	3.6	27,817	3.6
Level 4	14.95	3.5	584	4.5	30,378	4.5
Psychiatric aides	16.88	10.4	675	10.4	35,100	10.4
Miscellaneous healthcare support occupations	18.26	6.3	730	6.3	37,971	6.3
Level 4	17.54	8.2	702	8.2	36,479	8.2
Level 5	21.07	6.8	843	6.8	43,831	6.8
Medical assistants	17.37	4.8	695	4.8	36,136	4.8
Level 4	18.76	10.0	750	10.0	39,020	10.0
Level 5	16.36	13.1	654	13.1	34,029	13.1
Protective service occupations	17.25	6.0	690	6.0	35,886	6.0
Food preparation and serving related occupations						
Level 2	16.02	3.4	637	3.5	33,118	3.5
Level 3	12.13	8.0	476	8.5	24,739	8.5
Level 4	15.11	4.7	596	4.9	30,974	4.9
Cooks	18.39	10.1	736	10.1	38,253	10.1
Cooks, institution and cafeteria	18.39	10.1	736	10.1	38,253	10.1
Fast food and counter workers	15.31	2.6	613	2.6	31,851	2.6
Combined food preparation and serving workers, including fast food	15.31	2.6	613	2.6	31,851	2.6

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
Building and grounds cleaning and maintenance occupations	\$14.11	2.5%	\$561	2.6%	\$29,181	2.6%
Level 2	13.08	3.8	515	3.9	26,795	3.9
Level 3	14.73	3.2	589	3.2	30,630	3.2
Building cleaning workers	14.02	2.6	558	2.7	28,998	2.7
Level 2	13.08	3.8	515	3.9	26,795	3.9
Level 3	14.55	3.2	582	3.2	30,274	3.2
Janitors and cleaners, except maids and housekeeping cleaners	14.04	1.8	560	1.8	29,107	1.8
Level 2	13.00	1.9	514	2.8	26,744	2.8
Level 3	14.08	2.8	563	2.8	29,289	2.8
Maids and housekeeping cleaners	13.99	6.7	554	6.9	28,800	6.9
Level 2	13.16	7.1	516	7.2	26,847	7.2
Office and administrative support occupations	18.78	3.5	745	3.7	38,751	3.7
Level 3	15.49	5.0	617	5.0	32,076	5.0
Level 4	17.57	2.8	694	2.9	36,102	2.9
Level 5	19.60	3.4	776	4.2	40,377	4.2
Level 6	20.97	2.5	839	2.5	43,613	2.5
First-line supervisors/managers of office and administrative support workers	30.35	7.0	1,214	7.0	63,122	7.0
Financial clerks	18.42	5.0	737	5.0	38,318	5.0
Level 4	18.74	2.6	750	2.6	38,981	2.6
Bookkeeping, accounting, and auditing clerks	18.08	5.1	723	5.1	37,602	5.1
Interviewers, except eligibility and loan	17.29	6.6	686	6.7	35,670	6.7
Level 4	17.24	7.3	682	7.5	35,487	7.5
Receptionists and information clerks	18.53	8.7	727	9.4	37,784	9.4
Secretaries and administrative assistants	18.72	5.8	739	6.3	38,426	6.3
Level 4	17.34	10.9	686	11.0	35,668	11.0
Level 5	19.60	8.8	746	11.9	38,787	11.9
Level 6	19.80	2.0	792	2.0	41,178	2.0
Executive secretaries and administrative assistants	20.13	2.5	805	2.5	41,878	2.5
Medical secretaries	18.51	9.1	726	9.9	37,762	9.9
Level 4	17.81	12.1	703	12.2	36,561	12.2
Office clerks, general	16.84	5.5	674	5.5	35,032	5.5

See footnotes at end of table.

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

Occupation and work level ¹	Hourly earnings ²		Weekly earnings ⁴		Annual earnings ⁵	
	Mean	Relative error ³	Mean	Relative error ³	Mean	Relative error ³
Office and administrative support occupations –Continued						
Office clerks, general –Continued						
Level 3	\$15.78	6.8%	\$631	6.8%	\$32,825	6.8%
Level 4	16.01	2.0	640	2.0	33,304	2.0
Production occupations	26.89	8.2	1,034	6.6	53,762	6.6

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	\$1,381	7.2%	\$71,557	7.2%
First line	1,747	3.6	90,020	3.6
Second line	2,313	3.9	119,742	3.9
Third line	5,251	25.5	251,922	25.5
Chief executives				
Second line	3,457	17.1	177,617	17.1
General and operations managers				
First line	1,582	9.7	82,249	9.7
Second line	2,734	4.6	142,147	4.6
Marketing managers				
Team leader	1,954	13.3	101,623	13.3
First line	2,074	8.9	107,836	8.9
Sales managers				
First line	1,923	23.8	99,981	23.8
Administrative services managers				
First line	1,468	7.9	76,353	7.9
Computer and information systems managers				
First line	2,024	6.0	105,225	6.0
Financial managers				
Team leader	1,259	9.2	65,461	9.2
First line	2,015	2.9	104,432	2.9
Second line	2,256	6.8	117,305	6.8
Industrial production managers				
First line	1,824	3.2	94,830	3.2
Purchasing managers				
First line	1,968	10.6	102,341	10.6
Transportation, storage, and distribution managers				
First line	1,429	29.3	74,305	29.3
Construction managers				
First line	1,811	5.3	94,158	5.3
Education administrators, elementary and secondary school				
First line	2,221	4.3	105,855	4.3
Second line	2,088	7.3	100,637	7.3
Education administrators, postsecondary				
First line	1,434	6.7	74,593	6.7
Engineering managers				
First line	2,243	3.7	116,615	3.7
Second line	2,830	2.5	147,151	2.5
Food service managers				
First line	958	9.7	49,199	9.7
Lodging managers				
First line	1,159	19.0	60,283	19.0

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				
Medical and health services managers				
First line	\$1,873	4.5%	\$97,398	4.5%
Natural sciences managers				
First line	1,782	5.1	92,677	5.1
Property, real estate, and community association managers				
First line	1,123	14.1	58,386	14.1
Social and community service managers				
First line	1,151	6.6	59,712	6.6

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.