

RSE Table 4

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

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	\$20.46	1.2%	\$813	1.2%	\$41,994	1.2%
Management occupations	41.86	2.0	1,705	2.0	88,571	2.0
Chief executives	115.87	28.1	5,212	28.0	271,039	28.0
General and operations managers	45.42	2.7	1,921	3.1	99,883	3.1
Advertising and promotions managers	32.45	7.0	1,311	7.2	68,184	7.2
Marketing and sales managers	48.76	4.1	1,995	4.2	103,719	4.2
Marketing managers	53.28	5.7	2,141	6.2	111,342	6.2
Sales managers	44.16	4.1	1,840	3.9	95,700	3.9
Public relations managers	42.46	18.9	1,682	18.9	87,484	18.9
Administrative services managers	30.24	4.0	1,221	4.2	63,490	4.2
Computer and information systems managers	54.05	2.3	2,181	2.4	113,367	2.4
Financial managers	42.39	2.4	1,715	2.4	89,114	2.4
Human resources managers	35.15	8.5	1,409	8.4	73,248	8.4
Compensation and benefits managers	39.34	4.6	1,601	4.9	83,269	4.9
Training and development managers	30.80	14.4	1,230	13.8	63,961	13.8
Industrial production managers	39.95	3.4	1,641	3.0	85,344	3.0
Purchasing managers	42.43	4.7	1,708	4.8	88,837	4.8
Transportation, storage, and distribution managers	35.45	5.2	1,440	5.4	74,872	5.4
Construction managers	35.86	4.4	1,488	4.3	77,192	4.3
Education administrators	29.20	4.5	1,156	4.4	58,899	4.4
Education administrators, preschool and child care center/program	21.40	12.5	865	11.8	44,274	11.8
Education administrators, elementary and secondary school	36.81	4.9	1,457	5.7	73,811	5.7
Education administrators, postsecondary ..	36.73	3.9	1,407	3.7	72,526	3.7
Engineering managers	55.17	2.3	2,246	2.4	116,796	2.4
Food service managers	24.91	5.8	1,106	6.7	57,207	6.7
Funeral directors	23.10	18.6	959	17.0	49,847	17.0
Lodging managers	23.53	17.5	1,008	16.5	52,418	16.5
Medical and health services managers	38.26	3.6	1,541	3.5	80,154	3.5
Natural sciences managers	46.58	9.0	1,859	11.2	96,645	11.2
Property, real estate, and community association managers	25.90	4.8	1,044	5.1	54,262	5.1
Social and community service managers	25.77	6.5	1,006	7.0	52,268	7.0
Business and financial operations occupations	30.35	1.4	1,219	1.4	63,206	1.4
Buyers and purchasing agents	28.04	2.1	1,135	2.2	59,029	2.2
Purchasing agents and buyers, farm products	34.39	12.3	1,465	9.9	76,197	9.9
Wholesale and retail buyers, except farm products	28.24	3.7	1,133	3.5	58,911	3.5

See footnotes at end of table.

RSE Table 4

**Full-time private industry workers: Relative standard errors
of mean hourly, weekly, and annual earnings — 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						
Purchasing agents, except wholesale, retail, and farm products	\$27.58	3.1%	\$1,120	3.5%	\$58,220	3.5%
Claims adjusters, appraisers, examiners, and investigators	26.22	2.5	1,022	2.4	53,143	2.4
Claims adjusters, examiners, and investigators	26.15	2.5	1,019	2.5	52,966	2.5
Insurance appraisers, auto damage	27.28	9.1	1,073	10.2	55,774	10.2
Compliance officers, except agriculture, construction, health and safety, and transportation	28.50	10.7	1,191	8.8	61,942	8.8
Cost estimators	31.27	4.0	1,270	4.1	66,062	4.1
Human resources, training, and labor relations specialists	27.47	3.3	1,097	3.3	55,665	3.3
Employment, recruitment, and placement specialists	28.13	6.1	1,109	6.2	57,654	6.2
Compensation, benefits, and job analysis specialists	26.69	4.0	1,073	3.5	55,791	3.5
Training and development specialists	25.87	7.0	1,040	6.8	50,423	6.8
Logisticians	31.38	7.8	1,254	7.8	65,199	7.8
Management analysts	36.67	2.9	1,475	2.8	76,699	2.8
Meeting and convention planners	22.67	6.4	949	3.7	49,328	3.7
Accountants and auditors	28.38	2.4	1,137	2.4	59,139	2.4
Appraisers and assessors of real estate	25.00	14.0	988	14.1	51,380	14.1
Budget analysts	32.43	7.9	1,331	9.2	69,194	9.2
Credit analysts	27.33	5.2	1,082	5.0	56,238	5.0
Financial analysts and advisors	35.80	5.4	1,431	5.4	74,401	5.4
Financial analysts	37.81	4.6	1,534	5.0	79,771	5.0
Personal financial advisors	33.05	18.7	1,318	18.6	68,543	18.6
Insurance underwriters	32.42	6.3	1,248	6.5	64,886	6.5
Financial examiners	31.88	7.5	1,278	7.6	66,464	7.6
Loan counselors and officers	33.65	14.6	1,346	14.7	69,999	14.7
Loan counselors	21.63	28.4	855	28.3	44,439	28.3
Loan officers	34.07	14.9	1,364	15.0	70,903	15.0
Computer and mathematical science occupations						
Computer and information scientists, research	46.52	7.1	1,861	7.1	96,756	7.1
Computer programmers	34.06	2.8	1,369	2.8	71,181	2.8
Computer software engineers	42.66	1.5	1,724	1.4	89,648	1.4
Computer software engineers, applications	41.80	2.4	1,693	2.3	88,030	2.3

See footnotes at end of table.

RSE Table 4

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

Occupation ¹	Hourly earnings ²		Weekly earnings ⁴		Annual earnings ⁵	
	Mean	Relative error ³	Mean	Relative error ³	Mean	Relative error ³
Computer and mathematical science occupations –Continued						
Computer software engineers, systems software	\$43.58	1.9%	\$1,757	2.0%	\$91,373	2.0%
Computer support specialists	25.54	4.1	1,015	4.2	52,777	4.2
Computer systems analysts	38.46	1.6	1,540	1.6	80,086	1.6
Database administrators	33.34	5.5	1,334	5.7	69,390	5.7
Network and computer systems administrators	31.61	2.6	1,268	2.2	65,790	2.2
Network systems and data communications analysts	33.51	4.9	1,341	4.9	69,738	4.9
Actuaries	40.66	4.6	1,598	4.3	83,113	4.3
Operations research analysts	34.20	4.3	1,343	4.3	69,831	4.3
Statisticians	35.79	13.6	1,410	13.8	73,330	13.8
Architecture and engineering occupations	33.36	2.6	1,348	2.6	70,015	2.6
Architects, except naval	32.32	5.0	1,327	5.0	68,982	5.0
Architects, except landscape and naval	32.40	5.1	1,331	5.1	69,205	5.1
Surveyors, cartographers, and photogrammetrists	29.06	13.5	1,166	13.2	60,657	13.2
Surveyors	32.32	12.0	1,299	11.3	67,531	11.3
Engineers	39.09	1.2	1,587	1.1	82,502	1.1
Aerospace engineers	47.28	4.0	1,900	4.0	98,781	4.0
Chemical engineers	38.94	7.6	1,562	7.6	81,210	7.6
Civil engineers	35.15	3.5	1,452	3.2	75,492	3.2
Computer hardware engineers	43.61	6.4	1,807	7.5	93,975	7.5
Electrical and electronics engineers	39.23	2.6	1,595	2.2	82,950	2.2
Electrical engineers	38.91	4.4	1,582	4.1	82,241	4.1
Electronics engineers, except computer	39.51	2.8	1,607	2.6	83,555	2.6
Environmental engineers	43.09	5.1	1,726	5.1	88,918	5.1
Industrial engineers, including health and safety	36.30	2.7	1,482	2.7	77,047	2.7
Health and safety engineers, except mining safety engineers and inspectors	41.26	12.1	1,674	12.5	87,073	12.5
Industrial engineers	35.15	2.0	1,436	1.9	74,693	1.9
Marine engineers and naval architects	31.28	8.0	1,251	8.0	65,071	8.0
Materials engineers	37.57	7.6	1,532	6.6	79,676	6.6
Mechanical engineers	34.66	1.6	1,415	2.0	73,583	2.0
Nuclear engineers	42.63	6.2	1,705	6.2	88,662	6.2
Petroleum engineers	48.83	15.9	1,953	15.9	100,639	15.9
Drafters	23.73	2.1	946	2.1	49,175	2.1
Architectural and civil drafters	24.27	3.0	971	3.0	50,477	3.0
Electrical and electronics drafters	22.01	5.4	880	5.4	45,781	5.4

See footnotes at end of table.

RSE Table 4

**Full-time private industry workers: Relative standard errors
of mean hourly, weekly, and annual earnings — 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						
Mechanical drafters	\$23.19	4.4%	\$927	4.4%	\$48,228	4.4%
Engineering technicians, except drafters	24.00	4.4	960	4.4	49,801	4.4
Aerospace engineering and operations technicians	26.54	5.1	1,065	5.3	55,381	5.3
Civil engineering technicians	16.76	20.2	670	20.2	34,862	20.2
Electrical and electronic engineering technicians	23.32	5.9	933	5.9	48,495	5.9
Electro-mechanical technicians	25.52	4.5	1,028	4.5	53,441	4.5
Environmental engineering technicians	31.51	25.3	1,260	25.3	64,253	25.3
Industrial engineering technicians	24.20	4.9	971	5.1	50,477	5.1
Mechanical engineering technicians	23.89	10.9	956	10.9	49,665	10.9
Surveying and mapping technicians	20.79	13.9	831	13.9	43,233	13.9
Life, physical, and social science occupations	31.27	2.8	1,243	2.9	64,470	2.9
Life scientists	34.88	6.8	1,353	7.0	70,233	7.0
Agricultural and food scientists	36.05	14.0	1,423	13.9	72,552	13.9
Food scientists and technologists	36.53	14.1	1,429	14.0	74,301	14.0
Biological scientists	34.58	6.4	1,318	6.9	68,449	6.9
Biochemists and biophysicists	36.39	8.2	1,362	9.6	70,827	9.6
Microbiologists	29.19	11.4	1,180	11.1	61,369	11.1
Conservation scientists and foresters	26.79	19.2	1,117	16.5	58,066	16.5
Foresters	26.79	19.2	1,117	16.5	58,066	16.5
Medical scientists	35.13	12.5	1,384	12.2	71,955	12.2
Physical scientists	35.91	4.3	1,446	4.3	74,997	4.3
Astronomers and physicists	47.92	8.7	1,903	9.0	98,938	9.0
Physicists	47.92	8.7	1,903	9.0	98,938	9.0
Chemists and materials scientists	34.18	9.0	1,374	9.2	71,467	9.2
Chemists	32.61	8.8	1,313	9.2	68,266	9.2
Materials scientists	41.13	8.6	1,645	8.6	85,543	8.6
Environmental scientists and geoscientists	37.02	4.6	1,519	4.7	78,991	4.7
Environmental scientists and specialists, including health	34.19	6.7	1,411	7.1	73,355	7.1
Geoscientists, except hydrologists and geographers	44.35	6.5	1,800	6.5	93,578	6.5
Economists	38.60	22.9	1,608	22.6	83,609	22.6
Market and survey researchers	34.40	6.2	1,406	6.9	73,098	6.9
Market research analysts	34.40	6.3	1,406	6.9	73,112	6.9
Psychologists	27.88	22.4	1,054	20.4	52,903	20.4
Clinical, counseling, and school psychologists	29.66	23.4	1,118	21.5	55,764	21.5
Miscellaneous social scientists and related workers	35.87	9.3	1,390	9.4	72,291	9.4

See footnotes at end of table.

RSE Table 4

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

Occupation ¹	Hourly earnings ²		Weekly earnings ⁴		Annual earnings ⁵	
	Mean	Relative error ³	Mean	Relative error ³	Mean	Relative error ³
Life, physical, and social science occupations						
–Continued						
Agricultural and food science technicians	\$17.57	16.8%	\$700	16.6%	\$36,389	16.6%
Biological technicians	19.71	5.0	778	5.1	40,460	5.1
Chemical technicians	23.11	6.5	922	6.6	47,808	6.6
Geological and petroleum technicians	40.44	7.2	1,618	7.2	84,116	7.2
Nuclear technicians	34.83	6.7	1,393	6.7	72,448	6.7
Social science research assistants	21.85	5.6	867	5.7	44,374	5.7
Miscellaneous life, physical, and social science technicians	22.22	9.2	884	9.2	45,864	9.2
Environmental science and protection technicians, including health	26.34	10.8	1,051	10.9	54,660	10.9
Community and social services occupations	17.82	2.9	699	2.8	36,088	2.8
Counselors	18.23	3.7	708	3.5	36,452	3.5
Substance abuse and behavioral disorder counselors	16.88	4.5	672	4.2	34,926	4.2
Educational, vocational, and school counselors	20.80	8.3	789	7.8	40,021	7.8
Mental health counselors	19.01	6.1	754	6.1	39,193	6.1
Rehabilitation counselors	14.33	5.0	559	5.4	29,055	5.4
Social workers	19.51	2.9	758	2.8	39,129	2.8
Child, family, and school social workers ..	17.42	3.2	670	2.5	34,082	2.5
Medical and public health social workers ..	23.51	3.9	906	4.4	47,092	4.4
Mental health and substance abuse social workers	18.46	5.2	727	4.3	37,797	4.3
Miscellaneous community and social service specialists	15.42	4.3	600	4.5	30,965	4.5
Health educators	34.23	10.6	1,366	10.7	71,043	10.7
Social and human service assistants	13.06	3.2	513	3.3	26,413	3.3
Clergy	15.68	7.2	761	7.2	39,553	7.2
Directors, religious activities and education ..	24.39	14.8	928	14.9	48,243	14.9
Legal occupations	40.56	8.5	1,645	8.8	85,516	8.8
Lawyers	58.50	4.0	2,440	4.0	126,889	4.0
Paralegals and legal assistants	22.71	7.3	891	6.9	46,353	6.9
Miscellaneous legal support workers	22.70	4.6	921	4.6	47,619	4.6
Title examiners, abstractors, and searchers ..	22.44	5.2	916	5.1	47,622	5.1
Education, training, and library occupations	26.51	4.1	1,016	4.3	45,524	4.3
Postsecondary teachers	46.14	4.1	1,802	4.1	76,376	4.1
Business teachers, postsecondary	48.52	15.8	1,869	14.7	78,013	14.7
Math and computer teachers, postsecondary	39.78	7.8	1,534	7.2	61,551	7.2

See footnotes at end of table.

RSE Table 4

**Full-time private industry workers: Relative standard errors
of mean hourly, weekly, and annual earnings — 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						
Computer science teachers, postsecondary	\$32.49	14.6%	\$1,227	13.7%	\$57,170	13.7%
Mathematical science teachers, postsecondary	43.31	10.2	1,687	9.6	63,315	9.6
Engineering and architecture teachers, postsecondary	73.87	9.0	2,886	8.5	109,102	8.5
Engineering teachers, postsecondary	73.73	9.4	2,878	8.8	109,356	8.8
Life sciences teachers, postsecondary	53.88	12.5	2,257	12.7	102,943	12.7
Biological science teachers, postsecondary	53.91	12.7	2,263	12.9	103,444	12.9
Physical sciences teachers, postsecondary	56.08	8.6	2,133	8.3	86,677	8.3
Chemistry teachers, postsecondary	55.18	7.1	2,052	7.0	76,899	7.0
Physics teachers, postsecondary	62.60	15.8	2,430	13.7	107,096	13.7
Social sciences teachers, postsecondary	46.41	5.9	1,756	5.6	70,097	5.6
Economics teachers, postsecondary	57.49	11.4	2,087	8.9	76,892	8.9
Political science teachers, postsecondary	41.74	4.3	1,645	4.1	78,067	4.1
Psychology teachers, postsecondary	46.37	7.7	1,761	7.6	69,745	7.6
Sociology teachers, postsecondary	49.78	20.4	1,877	18.1	71,626	18.1
Health teachers, postsecondary	62.73	8.8	2,481	8.9	109,442	8.9
Health specialties teachers, postsecondary	74.49	8.4	2,951	9.0	126,733	9.0
Nursing instructors and teachers, postsecondary	33.20	2.1	1,307	1.8	61,887	1.8
Education and library science teachers, postsecondary	40.54	8.0	1,565	7.5	59,451	7.5
Education teachers, postsecondary	40.54	8.0	1,565	7.5	59,451	7.5
Law, criminal justice, and social work teachers, postsecondary	60.93	15.8	2,357	15.5	98,472	15.5
Law teachers, postsecondary	77.09	10.7	3,047	7.6	121,703	7.6
Arts, communications, and humanities teachers, postsecondary	41.30	3.9	1,591	3.5	62,444	3.5
Art, drama, and music teachers, postsecondary	38.98	4.7	1,516	5.0	59,254	5.0
Communications teachers, postsecondary	41.23	27.7	1,597	26.5	60,756	26.5
English language and literature teachers, postsecondary	43.23	5.8	1,651	5.0	66,322	5.0
Foreign language and literature teachers, postsecondary	49.04	8.3	1,801	9.1	68,370	9.1
History teachers, postsecondary	39.86	10.2	1,582	8.5	60,853	8.5

See footnotes at end of table.

RSE Table 4

**Full-time private industry workers: Relative standard errors
of mean hourly, weekly, and annual earnings — 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						
Philosophy and religion teachers, postsecondary	\$40.06	8.3%	\$1,543	6.9%	\$61,619	6.9%
Miscellaneous postsecondary teachers	35.61	7.3	1,393	7.1	64,477	7.1
Recreation and fitness studies teachers, postsecondary	30.00	3.6	1,190	3.2	49,425	3.2
Vocational education teachers, postsecondary	24.27	4.8	967	4.9	48,439	4.9
Primary, secondary, and special education school teachers	21.41	3.9	808	3.9	34,609	3.9
Preschool and kindergarten teachers	14.15	7.6	534	5.1	25,911	5.1
Preschool teachers, except special education	13.96	8.5	527	5.7	25,585	5.7
Kindergarten teachers, except special education	16.22	9.4	618	7.1	29,520	7.1
Elementary and middle school teachers	25.34	4.5	965	4.9	36,910	4.9
Elementary school teachers, except special education	25.16	4.9	955	5.2	36,577	5.2
Middle school teachers, except special and vocational education	26.11	7.4	1,010	7.4	38,324	7.4
Secondary school teachers	32.47	4.2	1,224	3.5	47,023	3.5
Secondary school teachers, except special and vocational education	32.94	4.0	1,240	3.4	47,297	3.4
Special education teachers	27.23	8.5	976	8.9	41,846	8.9
Special education teachers, preschool, kindergarten, and elementary school	24.63	5.0	884	6.8	39,114	6.8
Special education teachers, secondary school	36.44	20.0	1,270	19.5	49,604	19.5
Other teachers and instructors	27.00	12.6	1,043	12.4	49,971	12.4
Adult literacy, remedial education, and GED teachers and instructors	20.18	8.2	685	14.7	31,004	14.7
Archivists, curators, and museum technicians	27.61	9.3	1,048	4.7	54,511	4.7
Librarians	31.96	11.5	1,193	12.0	59,821	12.0
Library technicians	18.87	10.8	733	11.4	37,839	11.4
Instructional coordinators	26.60	11.3	1,024	10.1	51,862	10.1
Teacher assistants	10.29	4.2	401	4.1	19,875	4.1
Arts, design, entertainment, sports, and media occupations	26.64	4.0	1,055	3.7	54,475	3.7
Artists and related workers	25.71	9.2	1,029	9.6	53,422	9.6
Art directors	30.59	9.5	1,236	10.0	64,246	10.0
Multi-media artists and animators	24.56	11.1	979	11.3	50,891	11.3

See footnotes at end of table.

RSE Table 4

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

Occupation ¹	Hourly earnings ²		Weekly earnings ⁴		Annual earnings ⁵	
	Mean	Relative error ³	Mean	Relative error ³	Mean	Relative error ³
Arts, design, entertainment, sports, and media occupations –Continued						
Designers	\$23.59	3.8%	\$938	3.8%	\$48,764	3.8%
Commercial and industrial designers	33.46	4.3	1,342	4.2	69,791	4.2
Fashion designers	51.82	13.2	2,112	6.5	109,829	6.5
Floral designers	12.56	15.7	499	15.7	25,959	15.7
Graphic designers	21.18	3.0	841	3.0	43,713	3.0
Interior designers	24.55	7.1	963	6.3	50,090	6.3
Merchandise displayers and window trimmers	16.18	4.5	644	4.6	33,496	4.6
Set and exhibit designers	36.95	26.0	1,478	26.0	76,859	26.0
Actors, producers, and directors	37.97	20.7	1,526	20.8	79,285	20.8
Producers and directors	38.18	20.8	1,534	20.9	79,724	20.9
Athletes, coaches, umpires, and related workers	25.61	12.4	1,006	12.2	50,232	12.2
Coaches and scouts	24.54	14.0	957	13.7	47,532	13.7
Musicians, singers, and related workers	35.84	14.0	1,385	12.5	60,596	12.5
Musicians and singers	39.91	15.1	1,540	13.4	64,201	13.4
Announcers	46.80	24.9	1,870	24.9	97,240	24.9
Radio and television announcers	48.22	23.6	1,926	23.6	100,177	23.6
News analysts, reporters and correspondents	32.93	13.9	1,281	13.8	66,518	13.8
Reporters and correspondents	27.99	5.9	1,087	5.6	56,413	5.6
Public relations specialists	26.88	5.1	1,062	4.9	55,214	4.9
Writers and editors	28.37	5.8	1,119	5.3	57,978	5.3
Editors	26.02	5.0	1,019	4.5	53,013	4.5
Technical writers	32.03	6.4	1,282	6.4	66,651	6.4
Writers and authors	32.92	36.7	1,292	35.2	64,467	35.2
Miscellaneous media and communication workers	21.51	9.7	770	6.7	40,038	6.7
Interpreters and translators	22.08	19.0	705	11.2	36,675	11.2
Broadcast and sound engineering technicians and radio operators	23.15	10.2	947	11.9	49,239	11.9
Audio and video equipment technicians	22.07	20.0	880	20.9	45,741	20.9
Broadcast technicians	21.58	13.2	875	15.5	45,484	15.5
Photographers	14.85	11.5	596	12.3	29,320	12.3
Television, video, and motion picture camera operators and editors	22.17	10.5	887	10.5	46,104	10.5
Camera operators, television, video, and motion picture	20.94	17.4	838	17.4	43,565	17.4
Healthcare practitioner and technical occupations						
Dentists	30.11	4.2	1,179	4.2	61,260	4.2
Dentists, general	68.53	22.7	2,678	20.7	139,280	20.7
Dentists, general	71.96	24.8	2,806	22.4	145,901	22.4

See footnotes at end of table.

RSE Table 4

**Full-time private industry workers: Relative standard errors
of mean hourly, weekly, and annual earnings — 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						
Dietitians and nutritionists	\$24.03	5.7%	\$958	5.8%	\$49,835	5.8%
Optometrists	52.78	10.5	1,988	12.4	103,375	12.4
Pharmacists	49.28	.9	1,957	1.0	101,786	1.0
Physicians and surgeons	86.63	17.0	3,489	17.1	181,450	17.1
Anesthesiologists	84.01	17.3	3,568	19.9	185,550	19.9
Family and general practitioners	130.36	28.3	5,161	28.9	268,348	28.9
Internists, general	68.68	21.5	2,651	21.8	137,861	21.8
Pediatricians, general	62.98	24.0	2,586	24.8	134,468	24.8
Surgeons	92.17	32.8	3,578	34.8	186,066	34.8
Physician assistants	39.75	7.1	1,594	7.1	82,900	7.1
Registered nurses	30.58	1.0	1,187	1.0	61,696	1.0
Therapists	28.65	2.9	1,125	2.7	58,175	2.7
Audiologists	23.21	10.0	929	10.0	48,284	10.0
Occupational therapists	29.81	6.2	1,182	6.3	61,279	6.3
Physical therapists	33.84	4.1	1,325	4.1	68,549	4.1
Radiation therapists	33.78	8.4	1,329	7.6	69,127	7.6
Recreational therapists	17.75	7.3	702	7.3	36,513	7.3
Respiratory therapists	23.56	1.9	928	2.0	48,248	2.0
Speech-language pathologists	28.73	6.3	1,108	5.9	55,521	5.9
Clinical laboratory technologists and technicians	19.60	2.4	781	2.3	40,590	2.3
Medical and clinical laboratory technologists	23.51	4.0	946	2.9	49,174	2.9
Medical and clinical laboratory technicians	16.98	2.8	672	2.6	34,949	2.6
Dental hygienists	30.84	6.1	1,062	4.5	55,202	4.5
Diagnostic related technologists and technicians	26.63	3.5	1,051	3.3	54,675	3.3
Cardiovascular technologists and technicians	25.91	10.5	1,013	9.9	52,658	9.9
Diagnostic medical sonographers	31.54	4.9	1,236	5.4	64,296	5.4
Nuclear medicine technologists	34.26	6.8	1,370	6.8	71,252	6.8
Radiologic technologists and technicians ..	25.58	3.1	1,012	3.2	52,626	3.2
Emergency medical technicians and paramedics	15.39	8.2	617	7.4	32,093	7.4
Health diagnosing and treating practitioner support technicians	16.46	2.8	650	2.7	33,798	2.7
Pharmacy technicians	14.39	2.1	569	2.1	29,585	2.1
Psychiatric technicians	12.53	8.4	493	8.1	25,635	8.1
Respiratory therapy technicians	22.46	3.5	886	3.8	46,089	3.8
Surgical technologists	19.10	2.9	754	2.9	39,218	2.9

See footnotes at end of table.

RSE Table 4

**Full-time private industry workers: Relative standard errors
of mean hourly, weekly, and annual earnings — 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						
Licensed practical and licensed vocational nurses	\$18.79	1.1%	\$731	1.2%	\$38,029	1.2%
Medical records and health information technicians	15.89	5.7	627	5.9	32,615	5.9
Miscellaneous health technologists and technicians	18.10	5.0	718	5.0	37,341	5.0
Occupational health and safety specialists and technicians	26.72	5.6	1,081	5.5	56,199	5.5
Occupational health and safety specialists	26.08	8.9	1,064	8.8	55,322	8.8
Miscellaneous healthcare practitioner and technical workers	29.73	11.6	1,180	11.9	61,241	11.9
Healthcare support occupations						
Nursing, psychiatric, and home health aides	11.02	1.2	425	1.6	22,086	1.6
Home health aides	9.92	3.1	369	3.7	19,186	3.7
Nursing aides, orderlies, and attendants	11.32	1.4	440	1.5	22,877	1.5
Psychiatric aides	10.48	2.2	408	2.6	21,207	2.6
Occupational therapist assistants and aides ...	14.43	12.9	576	12.9	29,976	12.9
Occupational therapist assistants	17.08	18.7	682	18.6	35,447	18.6
Occupational therapist aides	12.21	10.4	489	10.4	25,405	10.4
Physical therapist assistants and aides	18.24	11.0	717	11.2	37,269	11.2
Physical therapist assistants	24.16	9.4	958	9.7	49,806	9.7
Physical therapist aides	12.04	6.9	469	6.8	24,370	6.8
Massage therapists	21.35	16.7	821	18.2	42,671	18.2
Miscellaneous healthcare support occupations	14.13	1.7	540	1.6	28,082	1.6
Dental assistants	16.76	2.8	593	3.0	30,828	3.0
Medical assistants	13.42	2.6	526	2.4	27,345	2.4
Medical equipment preparers	13.95	4.4	550	4.9	28,585	4.9
Medical transcriptionists	15.01	4.1	586	5.2	30,451	5.2
Pharmacy aides	12.05	3.9	454	4.4	23,615	4.4
Veterinary assistants and laboratory animal caretakers	12.58	6.2	499	5.8	25,934	5.8
Protective service occupations						
Fire fighters	21.24	13.9	1,061	12.3	55,174	12.3
Police officers	19.23	5.7	767	5.9	39,871	5.9
Police and sheriff's patrol officers	19.23	5.7	767	5.9	39,871	5.9
Security guards and gaming surveillance officers	10.89	2.2	431	2.1	22,385	2.1
Security guards	10.87	2.2	430	2.2	22,338	2.2
Miscellaneous protective service workers	12.70	11.9	468	12.6	14,413	12.6

See footnotes at end of table.

RSE Table 4

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

Occupation ¹	Hourly earnings ²		Weekly earnings ⁴		Annual earnings ⁵	
	Mean	Relative error ³	Mean	Relative error ³	Mean	Relative error ³
Protective service occupations –Continued						
Lifeguards, ski patrol, and other recreational protective service workers	\$9.42	6.1%	\$357	4.9%	\$7,489	4.9%
Food preparation and serving related occupations	9.15	1.7	351	1.7	18,149	1.7
First-line supervisors/managers, food preparation and serving workers	15.18	1.9	634	1.8	32,538	1.8
Chefs and head cooks	17.16	4.6	699	5.6	35,082	5.6
First-line supervisors/managers of food preparation and serving workers	14.89	2.0	624	1.9	32,155	1.9
Cooks	10.45	1.3	404	1.4	20,927	1.4
Cooks, fast food	8.31	3.2	315	4.8	16,394	4.8
Cooks, institution and cafeteria	11.45	1.9	446	2.3	23,003	2.3
Cooks, restaurant	10.72	1.6	413	1.7	21,415	1.7
Cooks, short order	9.52	3.9	370	5.0	19,246	5.0
Food preparation workers	9.65	2.2	371	2.7	19,136	2.7
Food service, tipped	5.65	3.1	209	3.3	10,790	3.3
Bartenders	7.17	4.7	262	5.9	13,587	5.9
Waiters and waitresses	4.88	4.0	179	5.0	9,259	5.0
Dining room and cafeteria attendants and bartender helpers	7.34	4.0	281	3.9	14,570	3.9
Fast food and counter workers	8.73	2.2	333	2.3	17,218	2.3
Combined food preparation and serving workers, including fast food	8.66	2.6	330	2.7	17,110	2.7
Counter attendants, cafeteria, food concession, and coffee shop	8.97	3.5	343	4.6	17,622	4.6
Food servers, nonrestaurant	8.66	5.5	336	5.5	17,454	5.5
Dishwashers	8.62	2.2	334	2.0	17,272	2.0
Hosts and hostesses, restaurant, lounge, and coffee shop	8.71	7.0	312	6.9	16,055	6.9
Building and grounds cleaning and maintenance occupations	11.83	3.2	466	3.2	23,912	3.2
First-line supervisors/managers, building and grounds cleaning and maintenance workers	18.83	7.0	757	6.9	39,339	6.9
First-line supervisors/managers of housekeeping and janitorial workers	16.83	6.3	674	6.1	35,029	6.1
First-line supervisors/managers of landscaping, lawn service, and groundskeeping workers	23.22	11.3	944	11.3	48,918	11.3
Building cleaning workers	10.85	3.6	426	3.5	22,005	3.5

See footnotes at end of table.

RSE Table 4

**Full-time private industry workers: Relative standard errors
of mean hourly, weekly, and annual earnings — 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						
Janitors and cleaners, except maids and housekeeping cleaners	\$11.44	3.9%	\$453	3.9%	\$23,433	3.9%
Maids and housekeeping cleaners	9.15	2.1	352	2.0	18,177	2.0
Pest control workers	16.39	3.5	653	3.2	33,955	3.2
Grounds maintenance workers	11.69	3.7	462	3.6	22,425	3.6
Landscaping and groundskeeping workers	11.42	3.9	453	3.8	21,882	3.8
Tree trimmers and pruners	17.28	10.9	612	15.5	30,828	15.5
Personal care and service occupations	11.15	7.7	422	6.2	21,496	6.2
First-line supervisors/managers of gaming workers	14.42	3.3	583	3.1	30,327	3.1
Gaming supervisors	16.48	7.1	672	7.8	34,945	7.8
Slot key persons	11.41	2.2	456	2.2	23,710	2.2
First-line supervisors/managers of personal service workers	15.27	3.9	613	4.2	31,555	4.2
Nonfarm animal caretakers	10.10	4.4	397	3.7	20,631	3.7
Gaming services workers	6.53	5.4	259	4.4	13,479	4.4
Gaming dealers	6.40	2.9	254	2.0	13,227	2.0
Gaming and sports book writers and runners	8.77	7.8	311	2.3	16,188	2.3
Ushers, lobby attendants, and ticket takers ...	13.37	10.6	535	10.6	27,463	10.6
Miscellaneous entertainment attendants and related workers	10.30	6.6	398	7.6	17,389	7.6
Amusement and recreation attendants	9.92	10.1	382	11.3	15,531	11.3
Locker room, coatroom, and dressing room attendants	10.99	9.3	428	11.5	22,110	11.5
Barbers and cosmetologists	12.98	5.8	484	6.2	25,172	6.2
Hairdressers, hairstylists, and cosmetologists	13.09	5.8	489	6.2	25,445	6.2
Miscellaneous personal appearance workers	12.55	15.7	488	17.6	25,351	17.6
Manicurists and pedicurists	10.26	12.1	393	14.4	20,422	14.4
Baggage porters, bellhops, and concierges	10.23	10.5	398	10.5	20,617	10.5
Baggage porters and bellhops	8.13	4.6	314	5.6	16,234	5.6
Concierges	14.19	8.7	561	9.1	29,150	9.1
Tour and travel guides	12.03	10.0	427	10.8	15,184	10.8
Tour guides and escorts	11.90	10.7	419	11.5	14,541	11.5
Transportation attendants	33.86	3.9	703	1.8	36,493	1.8
Flight attendants	37.04	1.9	717	1.7	37,308	1.7
Transportation attendants, except flight attendants and baggage porters	12.69	12.1	507	12.2	25,633	12.2
Child care workers	9.00	2.2	355	2.1	18,347	2.1
Personal and home care aides	10.20	4.1	398	4.2	20,707	4.2

See footnotes at end of table.

RSE Table 4

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

Occupation ¹	Hourly earnings ²		Weekly earnings ⁴		Annual earnings ⁵	
	Mean	Relative error ³	Mean	Relative error ³	Mean	Relative error ³
Personal care and service occupations						
–Continued						
Recreation and fitness workers	\$14.37	6.2%	\$560	6.2%	\$22,749	6.2%
Fitness trainers and aerobics instructors	18.07	9.1	685	10.1	35,610	10.1
Recreation workers	13.15	5.3	517	5.5	19,558	5.5
Residential advisors	9.26	16.7	376	17.9	16,911	17.9
Sales and related occupations	20.10	1.6	805	1.6	41,753	1.6
First-line supervisors/managers, sales workers	20.93	4.0	866	4.1	45,004	4.1
First-line supervisors/managers of retail sales workers	17.80	2.2	737	2.4	38,308	2.4
First-line supervisors/managers of non-retail sales workers	31.19	8.9	1,288	8.9	66,860	8.9
Retail sales workers	12.81	1.7	508	1.8	26,361	1.8
Cashiers, all workers	9.99	1.7	391	1.8	20,303	1.8
Cashiers	9.83	1.3	384	1.3	19,938	1.3
Gaming change persons and booth cashiers	12.32	7.5	493	7.6	25,620	7.6
Counter and rental clerks and parts salespersons	14.38	5.5	579	5.5	30,061	5.5
Counter and rental clerks	12.95	12.9	517	13.0	26,787	13.0
Parts salespersons	15.72	3.3	638	3.6	33,191	3.6
Retail salespersons	14.35	2.6	572	2.7	29,653	2.7
Advertising sales agents	24.86	9.8	979	9.6	50,929	9.6
Insurance sales agents	27.50	7.6	1,092	7.3	56,790	7.3
Securities, commodities, and financial services sales agents	62.55	8.3	2,502	8.4	130,094	8.4
Travel agents	15.00	12.1	583	12.7	30,308	12.7
Sales representatives, wholesale and manufacturing	31.83	5.0	1,288	4.9	66,914	4.9
Sales representatives, wholesale and manufacturing, technical and scientific products	41.70	13.2	1,674	12.9	87,035	12.9
Sales representatives, wholesale and manufacturing, except technical and scientific products	28.27	2.7	1,147	2.6	59,601	2.6
Models, demonstrators, and product promoters	16.98	9.6	678	9.6	35,238	9.6
Demonstrators and product promoters	16.98	9.6	678	9.6	35,238	9.6
Real estate brokers and sales agents	27.30	14.5	1,101	13.7	57,265	13.7
Real estate brokers	21.38	18.1	908	18.9	47,224	18.9
Real estate sales agents	28.29	15.7	1,132	14.9	58,857	14.9
Sales engineers	33.98	5.4	1,410	6.0	73,340	6.0

See footnotes at end of table.

RSE Table 4

Full-time private industry workers: Relative standard errors of mean hourly, weekly, and annual earnings — 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						
Telemarketers	\$12.08	10.2%	\$465	9.6%	\$24,163	9.6%
Miscellaneous sales and related workers	18.90	11.3	749	11.2	38,692	11.2
Door-to-door sales workers, news and street vendors, and related workers	20.29	17.8	812	17.8	42,208	17.8
Office and administrative support occupations						
First-line supervisors/managers of office and administrative support workers	15.53	.7	613	.6	31,848	.6
Switchboard operators, including answering service	22.38	1.6	890	1.6	46,244	1.6
Telephone operators	12.17	5.3	477	5.2	24,829	5.2
Financial clerks	14.67	10.1	571	8.8	29,678	8.8
Bill and account collectors	14.74	1.2	583	1.1	30,304	1.1
Billing and posting clerks and machine operators	14.95	5.5	595	5.5	30,911	5.5
Bookkeeping, accounting, and auditing clerks	14.50	2.2	572	2.2	29,743	2.2
Payroll and timekeeping clerks	15.62	1.3	617	1.2	32,057	1.2
Procurement clerks	17.50	1.4	696	1.5	36,197	1.5
Tellers	16.73	3.8	661	3.5	34,394	3.5
Brokerage clerks	11.75	1.2	466	1.2	24,255	1.2
Correspondence clerks	18.94	4.3	740	4.2	38,499	4.2
Credit authorizers, checkers, and clerks	16.27	4.2	649	4.3	33,740	4.3
Customer service representatives	14.78	3.8	588	3.8	30,570	3.8
Eligibility interviewers, government programs	15.79	1.8	627	1.8	32,533	1.8
File clerks	16.27	9.0	647	9.0	33,650	9.0
Hotel, motel, and resort desk clerks	12.69	4.4	503	4.5	26,135	4.5
Interviewers, except eligibility and loan	9.69	1.8	382	1.8	19,639	1.8
Library assistants, clerical	13.59	6.5	529	7.7	27,499	7.7
Loan interviewers and clerks	14.11	5.4	531	6.6	26,703	6.6
New accounts clerks	15.94	2.7	633	2.8	32,893	2.8
Order clerks	14.05	3.3	558	3.4	29,022	3.4
Human resources assistants, except payroll and timekeeping	14.79	3.4	590	3.4	30,615	3.4
Receptionists and information clerks	17.14	2.6	681	2.6	35,426	2.6
Reservation and transportation ticket agents and travel clerks	12.76	1.5	502	1.4	26,052	1.4
Cargo and freight agents	13.93	7.8	547	8.9	28,447	8.9
Couriers and messengers	23.31	17.2	932	17.2	48,466	17.2
Dispatchers	11.45	3.1	444	3.8	23,072	3.8
Police, fire, and ambulance dispatchers	16.99	3.0	688	3.1	35,752	3.1
	14.12	13.7	565	13.7	29,266	13.7

See footnotes at end of table.

RSE Table 4

**Full-time private industry workers: Relative standard errors
of mean hourly, weekly, and annual earnings — 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						
Dispatchers, except police, fire, and ambulance	\$17.16	3.0%	\$696	3.1%	\$36,156	3.1%
Meter readers, utilities	17.62	8.0	705	8.0	36,658	8.0
Production, planning, and expediting clerks	19.51	2.7	780	2.8	40,527	2.8
Shipping, receiving, and traffic clerks	13.22	1.6	528	1.6	27,436	1.6
Stock clerks and order fillers	12.66	1.6	505	1.6	26,222	1.6
Weighers, measurers, checkers, and samplers, recordkeeping	14.37	5.3	575	5.3	29,899	5.3
Secretaries and administrative assistants	18.63	1.2	729	1.1	37,770	1.1
Executive secretaries and administrative assistants	21.49	1.6	848	1.6	44,066	1.6
Legal secretaries	20.71	6.0	801	5.4	41,634	5.4
Medical secretaries	15.02	3.4	586	3.4	30,437	3.4
Secretaries, except legal, medical, and executive	16.48	1.6	645	1.3	33,198	1.3
Computer operators	17.32	2.9	692	2.9	35,963	2.9
Data entry and information processing workers	13.59	2.0	534	1.9	27,705	1.9
Data entry keyers	12.85	1.6	505	2.0	26,201	2.0
Word processors and typists	16.93	6.9	663	6.4	34,478	6.4
Desktop publishers	18.29	6.6	708	5.7	36,835	5.7
Insurance claims and policy processing clerks	15.93	2.2	623	2.2	32,384	2.2
Mail clerks and mail machine operators, except postal service	12.25	5.3	481	5.1	25,014	5.1
Office clerks, general	14.29	1.6	561	1.6	29,108	1.6
Office machine operators, except computer ..	12.73	3.4	505	3.2	26,030	3.2
Proofreaders and copy markers	13.44	4.7	538	4.7	27,959	4.7
Statistical assistants	18.70	8.2	729	7.4	37,929	7.4
Farming, fishing, and forestry occupations ..	12.25	8.2	489	8.2	23,344	8.2
Graders and sorters, agricultural products	9.79	8.2	385	8.0	19,540	8.0
Miscellaneous agricultural workers	9.64	6.5	385	6.5	17,569	6.5
Farmworkers and laborers, crop, nursery, and greenhouse	9.77	7.9	390	7.8	16,774	7.8
Logging workers	16.37	16.5	655	16.5	34,054	16.5
Construction and extraction occupations	20.30	1.8	810	1.7	41,372	1.7
First-line supervisors/managers of construction trades and extraction workers	27.63	3.3	1,125	3.5	58,242	3.5
Boilermakers	24.28	6.3	971	6.3	50,505	6.3

See footnotes at end of table.

RSE Table 4

**Full-time private industry workers: Relative standard errors
of mean hourly, weekly, and annual earnings — 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						
Brickmasons, blockmasons, and stonemasons	\$25.98	5.9%	\$1,036	6.0%	\$51,835	6.0%
Brickmasons and blockmasons	26.49	5.7	1,056	5.8	52,731	5.8
Carpenters	20.98	2.9	832	2.6	42,764	2.6
Carpet, floor, and tile installers and finishers	20.48	9.9	805	10.1	41,798	10.1
Carpet installers	25.75	16.9	1,013	18.3	52,670	18.3
Tile and marble setters	18.71	8.2	739	8.1	38,362	8.1
Cement masons, concrete finishers, and terrazzo workers	20.16	3.8	804	4.0	40,777	4.0
Cement masons and concrete finishers	20.13	3.7	803	3.9	40,707	3.9
Construction laborers	15.62	5.3	621	5.1	31,155	5.1
Construction equipment operators	20.40	4.7	814	4.9	39,992	4.9
Paving, surfacing, and tamping equipment operators	16.21	6.4	644	6.2	30,555	6.2
Operating engineers and other construction equipment operators	21.91	5.9	876	6.1	43,569	6.1
Drywall installers, ceiling tile installers, and tapers	19.14	6.9	765	6.9	39,563	6.9
Drywall and ceiling tile installers	19.03	7.5	760	7.5	39,343	7.5
Tapers	19.49	7.4	779	7.4	40,292	7.4
Electricians	23.26	4.8	925	4.7	48,118	4.7
Glaziers	17.62	18.7	705	18.7	36,659	18.7
Insulation workers	16.79	7.8	672	7.8	34,919	7.8
Insulation workers, floor, ceiling, and wall	13.96	6.2	559	6.2	29,044	6.2
Insulation workers, mechanical	18.72	10.0	749	10.0	38,936	10.0
Painters and paperhangers	15.59	5.9	617	6.4	31,748	6.4
Painters, construction and maintenance	15.48	5.9	613	6.4	31,520	6.4
Pipelayers, plumbers, pipefitters, and steamfitters	23.92	7.0	956	7.0	49,490	7.0
Pipelayers	18.48	12.5	739	12.5	38,403	12.5
Plumbers, pipefitters, and steamfitters	24.26	7.4	969	7.4	50,181	7.4
Plasterers and stucco masons	16.45	3.4	653	3.5	33,871	3.5
Roofers	17.71	8.7	705	8.7	33,529	8.7
Sheet metal workers	19.99	8.5	788	8.9	40,575	8.9
Structural iron and steel workers	28.77	15.7	1,151	15.7	59,742	15.7
Helpers, construction trades	13.33	2.8	532	2.7	27,100	2.7
Helpers--brickmasons, blockmasons, stonemasons, and tile and marble setters	16.46	12.4	650	12.7	32,933	12.7
Helpers--carpenters	13.69	5.8	548	5.8	28,439	5.8
Helpers--electricians	10.75	3.7	430	3.7	22,346	3.7

See footnotes at end of table.

RSE Table 4

**Full-time private industry workers: Relative standard errors
of mean hourly, weekly, and annual earnings — 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--painters, paperhangers, plasterers, and stucco masons	\$10.71	4.6%	\$428	4.6%	\$22,281	4.6%
Helpers--pipelayers, plumbers, pipefitters, and steamfitters	12.95	3.8	518	3.8	26,934	3.8
Helpers--roofers	10.24	3.8	410	3.8	20,332	3.8
Construction and building inspectors	27.54	5.7	1,106	5.7	57,529	5.7
Elevator installers and repairers	39.59	13.2	1,583	13.2	82,341	13.2
Hazardous materials removal workers	19.95	26.4	798	26.4	40,465	26.4
Septic tank servicers and sewer pipe cleaners	17.85	13.3	792	19.4	41,169	19.4
Miscellaneous construction and related workers	16.94	5.5	675	5.5	34,506	5.5
Derrick, rotary drill, and service unit operators, oil, gas, and mining	21.66	20.8	866	20.8	45,046	20.8
Service unit operators, oil, gas, and mining	22.89	10.8	916	10.8	47,615	10.8
Earth drillers, except oil and gas	16.88	9.5	675	9.5	35,119	9.5
Mining machine operators	21.62	7.3	865	7.3	44,945	7.3
Mine cutting and channeling machine operators	18.61	5.0	744	5.0	38,540	5.0
Roustabouts, oil and gas	19.20	8.9	768	8.9	39,935	8.9
Helpers--extraction workers	12.61	8.4	504	8.4	26,225	8.4
Installation, maintenance, and repair occupations						
First-line supervisors/managers of mechanics, installers, and repairers	20.31	1.2	816	1.3	42,338	1.3
Computer, automated teller, and office machine repairers	26.75	3.9	1,096	4.5	56,974	4.5
Radio and telecommunications equipment installers and repairers	17.53	6.2	701	6.3	36,437	6.3
Telecommunications equipment installers and repairers, except line installers	26.92	2.8	1,077	2.8	55,985	2.8
Miscellaneous electrical and electronic equipment mechanics, installers, and repairers	26.92	2.8	1,077	2.8	55,985	2.8
Avionics technicians	19.13	5.4	765	5.5	39,783	5.5
Electric motor, power tool, and related repairers	14.22	27.3	569	27.3	29,575	27.3
Electric motor, power tool, and related repairers	14.05	6.1	562	6.1	29,222	6.1
Electrical and electronics installers and repairers, transportation equipment	23.75	6.9	950	6.9	49,394	6.9
Electrical and electronics repairers, commercial and industrial equipment	21.30	6.9	851	6.9	44,238	6.9

See footnotes at end of table.

RSE Table 4

**Full-time private industry workers: Relative standard errors
of mean hourly, weekly, and annual earnings — 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						
Electrical and electronics repairers, powerhouse, substation, and relay	\$30.41	5.8%	\$1,216	5.8%	\$63,242	5.8%
Electronic equipment installers and repairers, motor vehicles	17.11	7.3	695	8.6	36,120	8.6
Electronic home entertainment equipment installers and repairers	14.58	6.9	583	6.9	30,321	6.9
Security and fire alarm systems installers	19.32	5.7	771	5.8	40,101	5.8
Aircraft mechanics and service technicians ..	26.87	5.8	1,080	5.9	55,915	5.9
Automotive technicians and repairers	18.52	2.4	749	2.5	38,940	2.5
Automotive body and related repairers	17.29	8.0	700	8.5	36,403	8.5
Automotive glass installers and repairers ..	17.60	8.7	704	8.7	36,598	8.7
Automotive service technicians and mechanics	18.89	2.8	763	2.9	39,697	2.9
Bus and truck mechanics and diesel engine specialists	19.70	2.4	790	2.5	41,084	2.5
Heavy vehicle and mobile equipment service technicians and mechanics	19.46	2.9	788	3.1	40,969	3.1
Farm equipment mechanics	16.06	6.1	679	9.4	35,293	9.4
Mobile heavy equipment mechanics, except engines	20.29	2.9	812	2.9	42,190	2.9
Small engine mechanics	16.59	5.1	661	5.0	34,270	5.0
Motorboat mechanics	16.58	11.3	656	11.4	34,093	11.4
Motorcycle mechanics	17.64	12.6	703	12.4	36,118	12.4
Outdoor power equipment and other small engine mechanics	16.13	4.3	645	4.3	33,556	4.3
Miscellaneous vehicle and mobile equipment mechanic, installers, and repairers	10.62	5.1	423	5.4	21,972	5.4
Tire repairers and changers	10.40	5.6	414	6.1	21,507	6.1
Control and valve installers and repairers	21.39	6.8	855	6.8	44,470	6.8
Control and valve installers and repairers, except mechanical door	23.49	5.6	939	5.6	48,839	5.6
Heating, air conditioning, and refrigeration mechanics and installers	20.05	3.9	807	4.1	41,947	4.1
Home appliance repairers	19.00	7.3	769	7.0	39,997	7.0
Industrial machinery installation, repair, and maintenance workers	19.70	1.7	786	1.7	40,766	1.7
Industrial machinery mechanics	22.44	1.8	895	1.8	46,469	1.8
Maintenance and repair workers, general ..	17.48	2.4	697	2.4	36,056	2.4
Maintenance workers, machinery	17.76	4.0	711	4.0	36,921	4.0
Millwrights	22.85	5.2	914	5.2	47,453	5.2
Refractory materials repairers, except brickmasons	19.96	5.9	799	5.9	41,522	5.9

See footnotes at end of table.

RSE Table 4

**Full-time private industry workers: Relative standard errors
of mean hourly, weekly, and annual earnings — 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						
Line installers and repairers	\$26.10	2.6%	\$1,044	2.6%	\$54,153	2.6%
Electrical power-line installers and repairers	27.72	3.9	1,109	3.9	57,663	3.9
Telecommunications line installers and repairers	25.18	3.8	1,007	3.8	52,172	3.8
Precision instrument and equipment repairers	21.51	5.8	859	5.8	44,657	5.8
Medical equipment repairers	20.40	10.9	816	10.9	42,431	10.9
Miscellaneous installation, maintenance, and repair workers	15.30	2.7	610	2.6	31,443	2.6
Coin, vending, and amusement machine servicers and repairers	14.65	8.1	583	7.9	30,259	7.9
Locksmiths and safe repairers	16.95	13.3	679	12.0	35,329	12.0
Manufactured building and mobile home installers	11.64	15.7	465	15.7	24,204	15.7
Riggers	18.44	19.8	738	19.8	38,363	19.8
Helpers--installation, maintenance, and repair workers	12.38	2.7	495	2.7	25,315	2.7
Production occupations	15.56	1.2	620	1.2	32,171	1.2
First-line supervisors/managers of production and operating workers	23.81	2.0	967	2.0	50,289	2.0
Aircraft structure, surfaces, rigging, and systems assemblers	23.05	5.7	922	5.7	47,865	5.7
Electrical, electronics, and electromechanical assemblers	13.57	2.8	541	2.8	28,138	2.8
Coil winders, tapers, and finishers	11.50	7.1	452	6.4	23,482	6.4
Electrical and electronic equipment assemblers	13.61	3.2	544	3.3	28,272	3.3
Electromechanical equipment assemblers	14.08	4.4	562	4.4	29,227	4.4
Engine and other machine assemblers	19.62	10.3	783	10.4	40,737	10.4
Structural metal fabricators and fitters	16.54	6.8	659	6.6	34,106	6.6
Miscellaneous assemblers and fabricators	15.42	4.1	615	4.1	31,954	4.1
Fiberglass laminators and fabricators	13.17	7.2	527	7.2	27,397	7.2
Team assemblers	18.04	9.9	719	10.0	37,300	10.0
Bakers	12.99	7.1	511	7.2	26,546	7.2
Butchers and other meat, poultry, and fish processing workers	12.37	4.9	490	4.9	25,491	4.9
Butchers and meat cutters	15.27	5.6	602	5.7	31,282	5.7
Meat, poultry, and fish cutters and trimmers	9.72	7.9	386	8.0	20,071	8.0
Slaughterers and meat packers	11.39	3.8	455	3.9	23,636	3.9

See footnotes at end of table.

RSE Table 4

**Full-time private industry workers: Relative standard errors
of mean hourly, weekly, and annual earnings — 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						
Miscellaneous food processing workers	\$12.98	3.7%	\$517	3.7%	\$26,867	3.7%
Food and tobacco roasting, baking, and drying machine operators and tenders	12.56	9.7	502	9.7	26,123	9.7
Food batchmakers	13.82	3.9	550	4.0	28,530	4.0
Food cooking machine operators and tenders	11.40	8.5	455	8.5	23,654	8.5
Computer control programmers and operators	17.76	4.5	703	5.2	36,532	5.2
Computer-controlled machine tool operators, metal and plastic	16.70	4.0	659	5.0	34,273	5.0
Numerical tool and process control programmers	24.58	6.9	983	6.9	51,127	6.9
Forming machine setters, operators, and tenders, metal and plastic	14.91	3.8	591	3.7	30,687	3.7
Extruding and drawing machine setters, operators, and tenders, metal and plastic	14.38	4.6	568	4.5	29,538	4.5
Forging machine setters, operators, and tenders, metal and plastic	13.90	8.5	556	8.5	28,739	8.5
Rolling machine setters, operators, and tenders, metal and plastic	16.48	6.9	654	6.9	33,961	6.9
Machine tool cutting setters, operators, and tenders, metal and plastic	14.64	2.7	585	2.7	30,387	2.7
Cutting, punching, and press machine setters, operators, and tenders, metal and plastic	14.17	3.4	565	3.4	29,380	3.4
Drilling and boring machine tool setters, operators, and tenders, metal and plastic	14.33	9.1	573	9.0	29,736	9.0
Grinding, lapping, polishing, and buffing machine tool setters, operators, and tenders, metal and plastic	14.00	4.1	559	4.1	29,069	4.1
Lathe and turning machine tool setters, operators, and tenders, metal and plastic	17.09	5.9	683	5.8	35,524	5.8
Milling and planing machine setters, operators, and tenders, metal and plastic	17.06	9.4	682	9.4	35,452	9.4
Machinists	20.67	1.7	826	1.7	42,936	1.7
Metal furnace and kiln operators and tenders	18.09	5.6	722	5.6	37,401	5.6
Metal-refining furnace operators and tenders	18.40	7.9	735	7.9	38,150	7.9
Pourers and casters, metal	17.49	7.3	697	7.3	35,932	7.3

See footnotes at end of table.

RSE Table 4

**Full-time private industry workers: Relative standard errors
of mean hourly, weekly, and annual earnings — 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						
Model makers and patternmakers, metal and plastic	\$22.22	8.5%	\$889	8.5%	\$45,999	8.5%
Model makers, metal and plastic	23.44	9.3	938	9.3	48,498	9.3
Patternmakers, metal and plastic	17.69	15.1	708	15.1	36,695	15.1
Molders and molding machine setters, operators, and tenders, metal and plastic	13.22	3.2	527	3.2	27,366	3.2
Foundry mold and coremakers	16.90	10.0	676	10.0	35,159	10.0
Molding, coremaking, and casting machine setters, operators, and tenders, metal and plastic	13.00	3.3	518	3.4	26,899	3.4
Multiple machine tool setters, operators, and tenders, metal and plastic	16.57	3.7	657	4.0	34,148	4.0
Tool and die makers	24.19	2.0	967	2.0	50,209	2.0
Welding, soldering, and brazing workers	16.85	2.4	672	2.4	34,942	2.4
Welders, cutters, solderers, and brazers	16.96	2.7	677	2.7	35,216	2.7
Welding, soldering, and brazing machine setters, operators, and tenders	16.13	5.4	638	5.5	33,102	5.5
Miscellaneous metalworkers and plastic workers	15.27	5.6	611	5.6	31,747	5.6
Heat treating equipment setters, operators, and tenders, metal and plastic	16.72	10.2	668	10.2	34,617	10.2
Lay-out workers, metal and plastic	18.41	13.4	736	13.4	38,292	13.4
Plating and coating machine setters, operators, and tenders, metal and plastic	15.58	7.8	621	7.8	32,303	7.8
Tool grinders, filers, and sharpeners	16.83	7.0	676	6.8	35,128	6.8
Bookbinders and bindery workers	13.81	3.4	539	3.3	28,001	3.3
Bindery workers	13.74	3.5	536	3.3	27,891	3.3
Printers	16.68	3.6	659	3.5	34,282	3.5
Job printers	17.31	6.0	677	5.7	35,223	5.7
Prepress technicians and workers	17.21	3.2	677	3.2	35,217	3.2
Printing machine operators	16.40	5.0	650	4.9	33,811	4.9
Laundry and dry-cleaning workers	10.25	5.2	403	5.4	20,965	5.4
Pressers, textile, garment, and related materials	9.42	7.1	366	7.5	19,020	7.5
Sewing machine operators	10.95	7.8	432	8.1	22,435	8.1
Tailors, dressmakers, and sewers	14.59	8.2	552	8.3	28,713	8.3
Sewers, hand	15.91	21.3	636	21.3	33,092	21.3
Tailors, dressmakers, and custom sewers ..	14.47	7.2	545	7.3	28,337	7.3
Textile machine setters, operators, and tenders	11.99	4.7	477	4.9	24,774	4.9
Textile bleaching and dyeing machine operators and tenders	13.01	10.6	520	10.6	27,066	10.6

See footnotes at end of table.

RSE Table 4

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

Occupation ¹	Hourly earnings ²		Weekly earnings ⁴		Annual earnings ⁵	
	Mean	Relative error ³	Mean	Relative error ³	Mean	Relative error ³
Production occupations –Continued						
Textile cutting machine setters, operators, and tenders	\$11.12	8.9%	\$439	9.8%	\$22,844	9.8%
Textile knitting and weaving machine setters, operators, and tenders	12.38	6.2	495	6.2	25,755	6.2
Textile winding, twisting, and drawing out machine setters, operators, and tenders	12.04	6.7	478	7.0	24,816	7.0
Miscellaneous textile, apparel, and furnishings workers	13.39	7.1	531	7.1	27,583	7.1
Extruding and forming machine setters, operators, and tenders, synthetic and glass fibers	15.90	7.5	626	7.5	32,539	7.5
Fabric and apparel patternmakers	20.57	14.5	795	16.3	41,327	16.3
Upholsterers	15.31	12.4	609	12.5	31,665	12.5
Cabinetmakers and bench carpenters	14.13	3.8	564	3.8	29,246	3.8
Furniture finishers	13.31	9.6	532	9.6	27,678	9.6
Model makers and patternmakers, wood	18.75	12.0	750	12.0	38,992	12.0
Woodworking machine setters, operators, and tenders	12.54	3.0	501	3.0	25,961	3.0
Sawing machine setters, operators, and tenders, wood	11.91	5.1	475	5.1	24,586	5.1
Woodworking machine setters, operators, and tenders, except sawing	13.08	3.5	522	3.5	27,141	3.5
Power plant operators, distributors, and dispatchers	29.87	3.9	1,195	3.9	62,159	3.9
Power distributors and dispatchers	34.94	5.5	1,405	5.6	73,058	5.6
Power plant operators	27.34	6.2	1,094	6.2	56,863	6.2
Stationary engineers and boiler operators	25.37	6.2	1,001	6.1	52,072	6.1
Water and liquid waste treatment plant and system operators	22.95	8.8	918	8.8	47,731	8.8
Miscellaneous plant and system operators	25.55	5.6	1,012	5.7	52,642	5.7
Chemical plant and system operators	23.92	5.1	934	4.3	48,581	4.3
Gas plant operators	29.72	6.1	1,189	6.1	61,821	6.1
Petroleum pump system operators, refinery operators, and gaugers	26.13	7.2	1,044	7.2	54,290	7.2
Chemical processing machine setters, operators, and tenders	19.66	5.8	784	5.8	40,763	5.8
Chemical equipment operators and tenders	18.35	9.3	730	9.3	37,954	9.3
Separating, filtering, clarifying, precipitating, and still machine setters, operators, and tenders	20.75	8.8	829	8.8	43,111	8.8
Crushing, grinding, polishing, mixing, and blending workers	16.07	3.7	641	3.6	32,899	3.6

See footnotes at end of table.

RSE Table 4

**Full-time private industry workers: Relative standard errors
of mean hourly, weekly, and annual earnings — 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						
Crushing, grinding, and polishing machine setters, operators, and tenders	\$16.74	9.4%	\$669	9.4%	\$34,460	9.4%
Grinding and polishing workers, hand	13.16	5.9	527	5.9	26,928	5.9
Mixing and blending machine setters, operators, and tenders	17.01	3.9	677	3.9	34,780	3.9
Cutting workers	13.65	3.6	543	3.5	27,830	3.5
Cutters and trimmers, hand	13.23	6.1	528	6.2	27,330	6.2
Cutting and slicing machine setters, operators, and tenders	13.80	3.9	549	3.7	28,005	3.7
Extruding, forming, pressing, and compacting machine setters, operators, and tenders	14.06	9.4	561	9.2	29,161	9.2
Furnace, kiln, oven, drier, and kettle operators and tenders	15.34	12.1	613	12.1	31,900	12.1
Inspectors, testers, sorters, samplers, and weighers	15.83	2.7	631	2.7	32,730	2.7
Medical, dental, and ophthalmic laboratory technicians	15.93	6.7	630	7.0	32,783	7.0
Dental laboratory technicians	17.03	8.4	669	9.1	34,800	9.1
Ophthalmic laboratory technicians	13.30	10.0	532	10.0	27,671	10.0
Packaging and filling machine operators and tenders	14.96	5.7	597	5.7	30,973	5.7
Painting workers	15.27	4.6	611	4.7	31,752	4.7
Coating, painting, and spraying machine setters, operators, and tenders	13.94	3.9	556	3.9	28,919	3.9
Painters, transportation equipment	19.12	7.3	769	7.6	39,993	7.6
Painting, coating, and decorating workers	13.18	5.8	526	5.8	27,350	5.8
Photographic process workers and processing machine operators	13.20	8.5	516	7.8	26,734	7.8
Photographic process workers	15.38	19.0	602	17.2	31,158	17.2
Photographic processing machine operators	11.97	6.0	467	6.0	24,231	6.0
Semiconductor processors	16.68	7.1	666	7.2	34,641	7.2
Miscellaneous production workers	13.36	3.0	532	3.0	27,545	3.0
Cementing and gluing machine operators and tenders	12.23	9.4	489	9.4	25,430	9.4
Cleaning, washing, and metal pickling equipment operators and tenders	17.67	21.6	707	21.6	36,749	21.6
Etchers and engravers	18.01	13.8	703	11.8	36,579	11.8
Molders, shapers, and casters, except metal and plastic	12.96	7.7	519	7.7	26,963	7.7
Paper goods machine setters, operators, and tenders	16.63	9.4	662	9.4	34,430	9.4

See footnotes at end of table.

RSE Table 4

**Full-time private industry workers: Relative standard errors
of mean hourly, weekly, and annual earnings — 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						
Tire builders	\$16.60	9.4%	\$664	9.4%	\$34,527	9.4%
Helpers--production workers	11.64	1.6	462	1.6	23,992	1.6
Transportation and material moving occupations						
First-line supervisors/managers of helpers, laborers, and material movers, hand	15.46	1.3	622	1.5	32,129	1.5
First-line supervisors/managers of transportation and material-moving machine and vehicle operators	20.40	3.8	838	4.6	43,437	4.6
Aircraft pilots and flight engineers	23.64	3.3	986	3.3	51,277	3.3
Airline pilots, copilots, and flight engineers	99.12	11.8	2,318	5.2	119,952	5.2
Bus drivers	117.79	4.9	2,448	3.7	127,274	3.7
Bus drivers, transit and intercity	14.42	14.3	562	13.3	28,320	13.3
Bus drivers, school	14.77	16.0	587	15.9	30,399	15.9
Driver/sales workers and truck drivers	12.63	11.2	445	10.6	19,985	10.6
Driver/sales workers	16.79	1.5	695	1.8	35,883	1.8
Truck drivers, heavy and tractor-trailer	15.93	5.3	646	5.3	33,588	5.3
Truck drivers, light or delivery services	17.64	1.9	745	2.3	38,329	2.3
Taxi drivers and chauffeurs	15.26	2.6	609	2.7	31,660	2.7
Sailors and marine oilers	10.65	7.7	411	7.0	21,343	7.0
Ship and boat captains and operators	13.07	6.0	567	7.5	28,149	7.5
Captains, mates, and pilots of water vessels	20.80	14.9	1,059	16.9	49,124	16.9
Ship engineers	20.80	14.9	1,059	16.9	49,124	16.9
Parking lot attendants	32.53	14.9	1,426	5.8	63,694	5.8
Service station attendants	8.19	4.2	320	4.8	16,648	4.8
Transportation inspectors	10.51	7.4	418	7.5	21,720	7.5
Conveyor operators and tenders	25.02	9.4	1,019	9.4	53,000	9.4
Crane and tower operators	15.18	14.2	607	14.2	31,569	14.2
Dredge, excavating, and loading machine operators	20.08	6.8	802	6.8	41,641	6.8
Excavating and loading machine and dragline operators	16.56	4.3	661	4.2	33,717	4.2
Hoist and winch operators	16.45	4.4	656	4.3	33,483	4.3
Industrial truck and tractor operators	16.11	20.2	641	20.4	33,339	20.4
Laborers and material movers, hand	14.56	2.6	582	2.6	30,111	2.6
Cleaners of vehicles and equipment	11.52	1.3	457	1.3	23,646	1.3
Laborers and freight, stock, and material movers, hand	10.54	2.9	421	2.9	21,867	2.9
Machine feeders and offbearers	12.16	1.4	482	1.4	24,888	1.4
Packers and packagers, hand	11.64	2.8	463	2.8	24,039	2.8
	10.34	2.1	410	2.2	21,188	2.2

See footnotes at end of table.

RSE Table 4

Full-time private industry workers: Relative standard errors of mean hourly, weekly, and annual earnings — 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						
Pumping station operators	\$21.60	5.9%	\$864	5.9%	\$44,178	5.9%
Refuse and recyclable material collectors	11.44	8.5	494	5.7	25,689	5.7
Tank car, truck, and ship loaders	20.30	10.8	840	11.1	42,231	11.1

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.