RSE Table 12 Full-time<sup>1</sup> private industry workers: Relative standard errors of mean hourly, weekly, and annual earnings

	Hourly ea	rnings <sup>3</sup>	Weekly ea	rnings <sup>5</sup>	Annual earnings <sup>6</sup>	
Occupation <sup>2</sup>	Mean	Relative error <sup>4</sup>	Mean	Relative error <sup>4</sup>	Mean	Relative error <sup>4</sup>
All workers	\$20.85	0.8%	\$828	0.9%	\$42,646	0.9%
Management occupations	41.40	2.2	1,698	2.3	88,233	2.3
Chief executives	101.26	17.4	4,130	17.2	214,746	17.2
General and operations managers	44.47	5.1	1,853	5.2	96,354	5.2
Advertising and promotions managers	30.22	25.5	1,230	25.5	63,949	25.5
Marketing and sales managers	45.82	3.8	1,886	4.2	98,087	4.2
Marketing managers	46.38	5.7	1,846	6.0	96,002	6.0
Sales managers	45.23	5.6	1,931	5.6	100,410	5.6
Public relations managers	40.02	10.3	1,594	9.9	82,913	9.9
Administrative services managers	33.36	7.9	1,362	8.3	70,848	8.3
Computer and information systems	40.54	4.2	1.050	4.0	101 404	4.0
managers	48.54	4.3	1,950	4.0	101,404	4.0
Financial managers	35.82 36.31	4.6 10.8	1,492	4.7 10.9	77,569 76,683	4.7
Human resources managers	30.31 40.46	20.1	1,475		90,230	10.9
Training and development managers  Industrial production managers	40.46	5.0	1,735 1,722	17.8 4.7	90,230 89,565	17.8 4.7
Purchasing managers	56.00	12.8	2,240	12.8	116,474	12.8
Transportation, storage, and distribution	30.00	12.0	2,240	12.0	110,474	12.6
managers	33.78	10.6	1,383	9.9	71,900	9.9
Construction managers	32.30	5.5	1,314	6.1	68,342	6.1
Education administrators	29.31	5.6	1,190	6.4	59,536	6.4
Education administrators, elementary and	25.51	2.0	1,170	0.1	37,330	0.1
secondary school	31.27	5.9	1,346	8.2	61,902	8.2
Education administrators, postsecondary	26.03	7.9	1,020	7.1	53,063	7.1
Engineering managers	51.98	7.5	2,137	8.0	111,120	8.0
Food service managers	23.96	13.0	1,031	9.5	53,594	9.5
Medical and health services managers	39.78	4.3	1,608	4.5	83,593	4.5
Social and community service managers	25.83	7.2	1,014	7.4	52,723	7.4
Business and financial operations						
occupations	29.77	1.9	1,201	1.7	62,435	1.7
Buyers and purchasing agents	29.69	3.6	1,203	3.7	62,576	3.7
Wholesale and retail buyers, except farm						
products	35.90	9.0	1,446	8.9	75,217	8.9
Purchasing agents, except wholesale,						
retail, and farm products	27.81	3.9	1,130	3.6	58,734	3.6
Claims adjusters, appraisers, examiners, and						
investigators	27.39	4.7	1,075	4.4	55,883	4.4
Claims adjusters, examiners, and					~~ oo•	
investigators	27.39	4.7	1,075	4.4	55,883	4.4
Compliance officers, except agriculture,						
construction, health and safety, and	22.00	7.4	056	7.4	40.712	7.4
transportation	23.90	7.4 11.3	956 1.104	7.4 11.7	49,712 57,307	7.4 11.7
Cost estillators	27.22	11.3	1,104	11./	57,397	11./

RSE Table 12 Full-time<sup>1</sup> private industry workers: Relative standard errors of mean hourly, weekly, and annual earnings — Continued

	Hourly ea	rnings <sup>3</sup>	Weekly ea	rnings <sup>5</sup>	Annual ea	rnings <sup>6</sup>
Occupation <sup>2</sup>	Mean	Relative error <sup>4</sup>	Mean	Relative error <sup>4</sup>	Mean	Relative error <sup>4</sup>
Business and financial operations						
occupations –Continued						
Human resources, training, and labor						
relations specialists	\$31.21	6.6%	\$1,253	6.5%	\$65,149	6.5%
Employment, recruitment, and placement specialists	27.29	14.3	1,091	14.3	56,757	14.3
Compensation, benefits, and job analysis			,			
specialists	28.09	10.4	1,139	9.5	59,222	9.5
Training and development specialists	29.70	2.8	1,198	2.9	62,318	2.9
Logisticians	26.59	10.1	1,064	10.1	55,312	10.1
Management analysts	38.39	6.3	1,535	6.2	79,839	6.2
Accountants and auditors	28.62	4.2	1,171	4.7	60,879	4.7
Credit analysts	23.72	10.4	958	10.4	49,822	10.4
Financial analysts and advisors	32.65	7.6	1,327	5.1	69,009	5.1
Financial analysts	34.73	7.5	1,444	4.9	75,087	4.9
Personal financial advisors	19.75	12.1	784	12.2	40,752	12.2
Insurance underwriters	31.87	12.4	1,244	11.7	64,686	11.7
Loan counselors and officers	29.29	15.1	1,189	15.6	61,824	15.6
Loan officers	29.30	15.1	1,190	15.6	61,868	15.6
Computer and mathematical science						
occupations	32.01	2.0	1,287	2.0	66,917	2.0
Computer programmers	31.50	2.1	1,254	3.0	65,186	3.0
Computer software engineers	37.37	4.6	1,528	4.7	79,451	4.7
Computer software engineers, applications Computer software engineers, systems	35.97	4.5	1,484	5.6	77,188	5.6
software	38.75	6.2	1,570	5.6	81,632	5.6
Computer support specialists	22.55	6.5	901	6.6	46,840	6.6
Computer systems analysts	34.69	4.2	1,383	4.2	71,901	4.2
Database administrators	32.90	8.1	1,324	7.9	68,860	7.9
Network and computer systems						
administrators	29.52	5.4	1,189	5.3	61,821	5.3
Network systems and data communications						
analysts	30.67	7.1	1,234	6.8	64,192	6.8
Actuaries	36.95	10.4	1,443	11.7	75,050	11.7
Operations research analysts	32.70	9.9	1,273	10.2	66,176	10.2
Architecture and engineering occupations	32.86	1.8	1,339	1.6	69,647	1.6
Architects, except naval	30.81	6.9	1,341	11.3	69,729	11.3
Architects, except landscape and naval	30.81	6.9	1,341	11.3	69,729	11.3
Engineers	36.50	2.0	1,493	1.9	77,651	1.9
Chemical engineers	45.10	8.1	1,865	12.1	96,991	12.1
Civil engineers	34.37	4.1	1,473	5.0	76,622	5.0
Computer hardware engineers	27.63	11.3	1,172	11.0	60,919	11.0
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RSE Table 12 Full-time<sup>1</sup> private industry workers: Relative standard errors of mean hourly, weekly, and annual earnings — Continued

	Hourly ea	rnings <sup>3</sup>	Weekly ea	rnings <sup>5</sup>	Annual earnings <sup>6</sup>	
Occupation <sup>2</sup>	Mean	Relative error <sup>4</sup>	Mean	Relative error <sup>4</sup>	Mean	Relative error <sup>4</sup>
Architecture and engineering occupations  -Continued						
Electrical and electronics engineers	\$35.91	5.5%	\$1,473	4.8%	\$76,613	4.8%
Electrical engineers	32.40	8.7	1,337	8.2	69,537	8.2
Electronics engineers, except computer	40.47	6.1	1,648	6.1	85,670	6.1
Industrial engineers, including health and			,		,	
safety	34.00	4.2	1,409	3.4	73,240	3.4
Industrial engineers	34.11	4.2	1,417	3.1	73,677	3.1
Materials engineers	38.57	12.5	1,543	12.5	80,226	12.5
Mechanical engineers	34.54	2.5	1,419	3.1	73,786	3.1
Drafters	24.43	6.9	977	6.9	50,811	6.9
Architectural and civil drafters	25.46	13.9	1,018	13.9	52,956	13.9
Mechanical drafters	24.95	7.4	998	7.4	51,906	7.4
Engineering technicians, except drafters	25.50	2.5	1,023	2.4	53,180	2.4
Electrical and electronic engineering						
technicians	23.94	4.6	960	4.7	49,852	4.7
Electro-mechanical technicians	26.37	8.5	1,074	8.4	55,835	8.4
Industrial engineering technicians	23.86	4.3	968	5.3	50,303	5.3
Mechanical engineering technicians	24.64	4.7	986	4.7	51,261	4.7
Life, physical, and social science occupations	31.38	4.1	1,254	3.9	64,585	3.9
Life scientists	38.64	13.2	1,523	13.6	78,415	13.6
Biological scientists	31.29	12.7	1,251	12.7	65,073	12.7
Medical scientists	44.76	18.9	1,742	20.1	90,593	20.1
Physical scientists	38.09	7.3	1,530	7.2	77,758	7.2
Chemists and materials scientists	39.39	6.2	1,584	6.0	82,386	6.0
Chemists	37.19	6.8	1,498	6.7	77,873	6.7
Market and survey researchers	27.79	10.8	1,131	11.7	58,800	11.7
Market research analysts	27.27	11.7	1,112	12.8	57,822	12.8
Psychologists	32.17	24.6	1,273	17.5	65,335	17.5
Clinical, counseling, and school						
psychologists	32.17	24.6	1,273	17.5	65,335	17.5
Chemical technicians	22.86	6.9	914	6.9	47,544	6.9
Miscellaneous life, physical, and social						
science technicians	21.40	7.5	856	7.5	44,506	7.5
Community and social services occupations	17.31	3.4	683	4.1	35,276	4.1
Counselors	16.71	4.8	665	4.7	34,522	4.7
Educational, vocational, and school						
counselors	17.87	8.2	705	7.5	36,445	7.5
Rehabilitation counselors	13.88	8.3	555	8.3	28,874	8.3
Social workers	18.61	4.4	732	5.2	37,675	5.2
Child, family, and school social workers	16.52	4.5	659	4.6	32,991	4.6
Medical and public health social workers	22.06	6.6	822	10.6	42,747	10.6

RSE Table 12 Full-time<sup>1</sup> private industry workers: Relative standard errors of mean hourly, weekly, and annual earnings — Continued

	Hourly ea	rnings <sup>3</sup>	Weekly earnings <sup>5</sup>		Annual earnings <sup>6</sup>	
Occupation <sup>2</sup>	Mean	Relative error <sup>4</sup>	Mean	Relative error <sup>4</sup>	Mean	Relative error <sup>4</sup>
Community and social services occupations -Continued						
Mental health and substance abuse social						
workers	\$17.85	9.3%	\$731	11.8%	\$38,004	11.8%
Miscellaneous community and social service						
specialists	14.89	10.2	589	9.7	30,471	9.7
Social and human service assistants	12.31	6.5	490	6.5	25,260	6.5
Legal occupations	51.12	6.5	2,123	6.0	110,384	6.0
Lawyers	57.18	7.3	2,418	6.5	125,755	6.5
Paralegals and legal assistants	38.39	6.4	1,399	5.2	72,726	5.2
Miscellaneous legal support workers	22.50	8.9	935	6.9	48,620	6.9
Title examiners, abstractors, and searchers	20.73	11.3	877	8.5	45,593	8.5
Education, training, and library occupations	27.26	12.9	1,058	12.8	47,665	12.8
Postsecondary teachers	51.23	9.6	2,106	10.2	90,571	10.2
Math and computer teachers,	31.23	7.0	2,100	10.2	70,571	10.2
postsecondary	53.42	13.6	2,103	14.6	92,027	14.6
Social sciences teachers, postsecondary	37.09	7.0	1,497	7.4	59,410	7.4
Health teachers, postsecondary	77.17	7.9	3,537	6.7	175,047	6.7
Health specialties teachers,	,,,,,,	""	2,007		170,017	
postsecondary	83.46	6.0	3,940	6.2	202,282	6.2
Law, criminal justice, and social work		22.6	2 (17	22.5	111 262	22.5
teachers, postsecondary	65.65	23.6	2,617	23.5	111,262	23.5
Arts, communications, and humanities	38.26	3.8	1,540	3.3	61,934	3.3
teachers, postsecondary	36.20	3.0	1,540	3.3	01,934	3.3
postsecondary	37.71	5.6	1,485	5.8	62,740	5.8
English language and literature	2777		-,		3_,, 13	
teachers, postsecondary	35.55	7.5	1,507	7.2	57,198	7.2
Philosophy and religion teachers,						
postsecondary	37.95	8.9	1,514	9.1	60,643	9.1
Miscellaneous postsecondary teachers	32.86	8.9	1,270	8.8	54,436	8.8
Primary, secondary, and special education						
school teachers	23.61	8.3	887	7.8	36,150	7.8
Preschool and kindergarten teachers	11.41	8.0	446	9.0	21,391	9.0
Preschool teachers, except special	11.00	0.0	420	0.0	21 177	0.0
education	11.23	8.0	439	9.0	21,177	9.0
Elementary and middle school teachers Elementary school teachers, except	26.86	3.1	982	2.9	37,573	2.9
special education	26.64	3.4	967	3.3	37,362	3.3
Middle school teachers, except special	20.0 <del>4</del>	J. <del>+</del>	907	3.3	37,302	3.3
and vocational education	27.61	5.8	1,038	7.6	38,288	7.6
Secondary school teachers	32.73	3.8	1,210	3.1	45,188	3.1
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RSE Table 12 Full-time<sup>1</sup> private industry workers: Relative standard errors of mean hourly, weekly, and annual earnings — Continued

	Hourly ea	rnings <sup>3</sup>	Weekly ea	arnings <sup>5</sup>	Annual earnings <sup>6</sup>	
Occupation <sup>2</sup>	Mean	Relative error <sup>4</sup>	Mean	Relative error <sup>4</sup>	Mean	Relative error <sup>4</sup>
Education, training, and library occupations -Continued						
Secondary school teachers, except						
special and vocational education	\$32.73	3.8%	\$1,210	3.1%	\$45,188	3.1%
Other teachers and instructors	29.35	7.3	1,088	8.1	54,865	8.1
Librarians	52.82	10.3	1,908	9.1	95,856	9.1
Teacher assistants	10.61	3.5	413	3.5	20,008	3.5
Arts, design, entertainment, sports, and						
media occupations	23.37	3.0	927	2.9	47,847	2.9
Designers	24.04	5.1	960	4.9	49,934	4.9
Commercial and industrial designers	36.45	8.0	1,458	8.0	75,825	8.0
Graphic designers	22.42	4.7	895	4.2	46,524	4.2
Athletes, coaches, umpires, and related						
workers	17.05	16.1	680	16.1	32,669	16.1
Coaches and scouts	17.05	16.1	680	16.1	32,669	16.1
News analysts, reporters and correspondents	21.19	10.9	864	10.7	44,921	10.7
Reporters and correspondents	21.19	10.9	864	10.7	44,921	10.7
Public relations specialists	23.98	9.7	969	9.7	50,373	9.7
Writers and editors	25.36	6.7	989	7.4	51,417	7.4
Editors	25.09	12.2	944	14.3	49,066	14.3
Technical writers	25.33	8.6	1,026	9.0	53,348	9.0
Broadcast and sound engineering technicians	20.00		1,020	7.0	25,515	7.0
and radio operators	20.81	7.2	773	10.0	40,195	10.0
Healthcare practitioner and technical						
occupations	31.80	5.9	1,247	6.0	64,838	6.0
Pharmacists	50.84	1.2	2,034	1.2	105,756	1.2
Physicians and surgeons	106.13	11.9	4,461	11.6	231,987	11.6
Family and general practitioners	104.44	17.4	4,111	16.6	213,752	16.6
Registered nurses	30.27	2.1	1,173	2.1	61,018	2.1
Therapists	29.31	5.2	1,145	5.0	59,384	5.0
Occupational therapists	29.51	3.7	1,136	4.9	58,230	4.9
Physical therapists	37.61	7.2	1,492	7.4	77,588	7.4
Respiratory therapists	23.50	2.1	910	2.7	47,323	2.7
Clinical laboratory technologists and	23.30	2.1	710	2.7	47,323	2.7
technicians	19.95	3.3	797	3.3	41,424	3.3
Medical and clinical laboratory	17.93	3.3	191	3.3	71,727	3.3
technologists	25.42	2.6	1,011	2.8	52,577	2.8
Medical and clinical laboratory	23.72	2.0	1,011	2.0	32,377	2.0
technicians	17.42	4.7	697	4.7	36,230	4.7
Dental hygienists	31.90	4.7	1,071	8.1	55,718	8.1
Diagnostic related technologists and	31.70	7.1	1,0/1	0.1	33,710	0.1
technicians	32.88	6.1	1,288	5.3	66,955	5.3
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RSE Table 12 Full-time<sup>1</sup> private industry workers: Relative standard errors of mean hourly, weekly, and annual earnings — Continued

Healthcare practitioner and technical occupations - Continued   Cardiovascular technologists and technicians   S41.55   12.9%   S1.554   14.4%   \$80.784   1.75   1.129   1.			rnings <sup>3</sup>	Weekly ea	arnings <sup>5</sup>	Annual earnings <sup>6</sup>	
occupations – Continued Cardiovascular technologists and technicians         \$41.55         12.9%         \$1,554         14.4%         \$80,784         1           Diagnostic medical sonographers         32.34         8.8         1,294         8.8         67,269           Radiologic technologists and technicians         28.57         7.1         1,129         7.4         58,694           Health diagnosing and treating practitioner support technicians         15.77         3.3         629         3.3         32,699           Pharmacy technicians         14.26         1.7         570         1.7         29,664           Psychiatric technicians         12.43         2.8         497         2.8         25,855           Surgical technologists         18.46         6.1         732         5.9         38,070           Licensed practical and licensed vocational nurses         19.65         1.7         754         1.7         39,230           Medical records and health information technicians         17.44         6.1         696         6.1         36,175           Miscellaneous health technologists and technicians         18.04         6.2         718         6.4         37,358           Healthcare support occupations         12.32         2.3         477	Occupation <sup>2</sup>	Mean		Mean		Mean	Relative error <sup>4</sup>
occupations – Continued Cardiovascular technologists and technicians         \$41.55         12.9%         \$1,554         14.4%         \$80,784         1           Diagnostic medical sonographers         32.34         8.8         1,294         8.8         67,269           Radiologic technologists and treating practitioner support technicians         15.77         3.3         629         3.3         32,699           Pharmacy technicians         14.26         1.7         570         1.7         29,664           Psychiatric technicians         12.43         2.8         497         2.8         25,855           Surgical technologists         18.46         6.1         732         5.9         38,070           Licensed practical and licensed vocational nurses         19.65         1.7         754         1.7         39,230           Medical records and health information technicians         17.44         6.1         696         6.1         36,175           Miscellaneous health technologists and technicians         18.04         6.2         718         6.4         37,358           Healthcare support occupations         12.32         2.3         477         2.4         24,830           Nursing, psychiatric, and home health aides         10.62         2.2         424 </td <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td>							
Cardiovascular technologists and technicians							
technicians							
Diagnostic medical sonographers         32.34         8.8         1,294         8.8         67,269           Radiologic technologists and technicians         28.57         7.1         1,129         7.4         58,694           Health diagnosing and treating practitioner support technicians         15.77         3.3         629         3.3         32,699           Pharmacy technicians         14.26         1.7         570         1.7         29,664           Psychiatric technicians         12.43         2.8         497         2.8         25,855           Surgical technologists         18.46         6.1         732         5.9         38,070           Licensed practical and licensed vocational nurses         19.65         1.7         754         1.7         39,230           Medical records and health information technicians         17.44         6.1         696         6.1         36,175           Miscellaneous health technologists and technicians         18.04         6.2         718         6.4         37,358           Healthcare support occupations         12.32         2.3         477         2.4         24,830           Nursing, psychiatric, and home health aides         11.38         2.4         445         2.6         23,118							
Radiologic technologists and technicians   Health diagnosing and treating practitioner support technicians   15.77   3.3   629   3.3   32,699   Pharmacy technicians   14.26   1.7   570   1.7   29,664   Psychiatric technicians   12.43   2.8   497   2.8   25,855   Surgical technologists   18.46   6.1   732   5.9   38,070   Licensed practical and licensed vocational nurses   19.65   1.7   754   1.7   39,230   Medical records and health information technicians   17.44   6.1   696   6.1   36,175   Miscellaneous health technologists and technicians   18.04   6.2   718   6.4   37,358   Healthcare support occupations   12.32   2.3   477   2.4   24,830   Nursing, psychiatric, and home health aides   11.38   2.4   445   2.6   23,118   Home health aides   10.62   2.2   424   2.2   22,037   Nursing aides, orderlies, and attendants   11.60   2.8   451   3.1   23,462   Psychiatric aides   10.27   3.0   407   2.8   21,166   Physical therapist assistants and aides   15.23   12.1   599   12.7   31,172   17.43   3.5   592   2.6   30,796   Medical resortion   14.07   2.7   534   2.6   27,789   Dental assistants   17.43   3.5   592   2.6   30,796   Medical equipment preparers   13.97   4.1   531   6.5   27,602   Medical equipment preparers   13.97   4.1   531   6.5   27,602   Medical transcriptionists   14.08   6.7   526   10.4   27,366   10.94   2.5   433   2.3   22,530   10.94   2.5   433   2.3   22,530							14.4%
Health diagnosing and treating practitioner support technicians							8.8
support technicians         15.77         3.3         629         3.3         32,699           Pharmacy technicians         14.26         1.7         570         1.7         29,664           Psychiatric technicians         12.43         2.8         497         2.8         25,855           Surgical technologists         18.46         6.1         732         5.9         38,070           Licensed practical and licensed vocational nurses         19.65         1.7         754         1.7         39,230           Medical records and health information technicians         19.65         1.7         754         1.7         39,230           Medical records and health information technicians         17.44         6.1         696         6.1         36,175           Miscellaneous health technologists and technicians         18.04         6.2         718         6.4         37,358           Healthcare support occupations         12.32         2.3         477         2.4         24,830           Nursing, psychiatric, and home health aides         11.38         2.4         445         2.6         23,118           Home health aides         10.62         2.2         424         2.2         2,037           Nursing aides, orderlies, and atte		28.57	7.1	1,129	7.4	58,694	7.4
Pharmacy technicians	Health diagnosing and treating practitioner						
Psychiatric technicians		15.77	3.3	629	3.3	32,699	3.3
Surgical technologists	Pharmacy technicians	14.26	1.7	570	1.7	29,664	1.7
Licensed practical and licensed vocational nurses       19.65       1.7       754       1.7       39,230         Medical records and health information technicians       17.44       6.1       696       6.1       36,175         Miscellaneous health technologists and technicians       18.04       6.2       718       6.4       37,358         Healthcare support occupations       12.32       2.3       477       2.4       24,830         Nursing, psychiatric, and home health aides       11.38       2.4       445       2.6       23,118         Home health aides       10.62       2.2       424       2.2       22,037         Nursing aides, orderlies, and attendants       11.60       2.8       451       3.1       23,462         Psychiatric aides       10.27       3.0       407       2.8       21,166         Physical therapist assistants and aides       15.23       12.1       599       12.7       31,172       1         Physical therapist assistants and aides       15.23       12.1       599       12.7       31,172       1         Physical therapist aides       11.95       3.9       466       4.3       24,247         Miscellaneous healthcare support       2.7       534		12.43	2.8	497	2.8	25,855	2.8
Licensed practical and licensed vocational nurses       19.65       1.7       754       1.7       39,230         Medical records and health information technicians       17.44       6.1       696       6.1       36,175         Miscellaneous health technologists and technicians       18.04       6.2       718       6.4       37,358         Healthcare support occupations       12.32       2.3       477       2.4       24,830         Nursing, psychiatric, and home health aides       11.38       2.4       445       2.6       23,118         Home health aides       10.62       2.2       424       2.2       22,037         Nursing aides, orderlies, and attendants       11.60       2.8       451       3.1       23,462         Psychiatric aides       10.27       3.0       407       2.8       21,166         Physical therapist assistants and aides       15.23       12.1       599       12.7       31,172       1         Physical therapist assistants and aides       15.23       12.1       599       12.7       31,172       1         Physical therapist aides       11.95       3.9       466       4.3       24,247         Miscellaneous healthcare support       2.7       534	Surgical technologists	18.46	6.1	732	5.9	38,070	5.9
Medical records and health information technicians         17.44         6.1         696         6.1         36,175           Miscellaneous health technologists and technicians         18.04         6.2         718         6.4         37,358           Healthcare support occupations         12.32         2.3         477         2.4         24,830           Nursing, psychiatric, and home health aides         11.38         2.4         445         2.6         23,118           Home health aides         10.62         2.2         424         2.2         22,037           Nursing aides, orderlies, and attendants         11.60         2.8         451         3.1         23,462           Psychiatric aides         10.27         3.0         407         2.8         21,166           Physical therapist assistants and aides         15.23         12.1         599         12.7         31,172         1           Physical therapist aides         11.95         3.9         466         4.3         24,247           Miscellaneous healthcare support         0ccupations         14.07         2.7         534         2.6         27,789           Dental assistants         17.43         3.5         592         2.6         30,796           <							
technicians	nurses	19.65	1.7	754	1.7	39,230	1.7
Miscellaneous health technologists and technicians       18.04       6.2       718       6.4       37,358         Healthcare support occupations       12.32       2.3       477       2.4       24,830         Nursing, psychiatric, and home health aides       11.38       2.4       445       2.6       23,118         Home health aides       10.62       2.2       424       2.2       22,037         Nursing aides, orderlies, and attendants       11.60       2.8       451       3.1       23,462         Psychiatric aides       10.27       3.0       407       2.8       21,166         Physical therapist assistants and aides       15.23       12.1       599       12.7       31,172       12         Physical therapist aides       11.95       3.9       466       4.3       24,247         Miscellaneous healthcare support       14.07       2.7       534       2.6       27,789         Dental assistants       17.43       3.5       592       2.6       30,796         Medical equipment preparers       13.97       4.1       531       6.5       27,602         Medical transcriptionists       14.08       6.7       526       10.4       27,366       1	Medical records and health information						
Miscellaneous health technologists and technicians       18.04       6.2       718       6.4       37,358         Healthcare support occupations       12.32       2.3       477       2.4       24,830         Nursing, psychiatric, and home health aides       11.38       2.4       445       2.6       23,118         Home health aides       10.62       2.2       424       2.2       22,037         Nursing aides, orderlies, and attendants       11.60       2.8       451       3.1       23,462         Psychiatric aides       10.27       3.0       407       2.8       21,166         Physical therapist assistants and aides       15.23       12.1       599       12.7       31,172       12         Physical therapist aides       11.95       3.9       466       4.3       24,247         Miscellaneous healthcare support       14.07       2.7       534       2.6       27,789         Dental assistants       17.43       3.5       592       2.6       30,796         Medical equipment preparers       13.97       4.1       531       6.5       27,602         Medical transcriptionists       14.08       6.7       526       10.4       27,366       1	technicians	17.44	6.1	696	6.1	36,175	6.1
technicians       18.04       6.2       718       6.4       37,358         Healthcare support occupations         Nursing, psychiatric, and home health aides       11.38       2.4       445       2.6       23,118         Home health aides       10.62       2.2       424       2.2       22,037         Nursing aides, orderlies, and attendants       11.60       2.8       451       3.1       23,462         Psychiatric aides       10.27       3.0       407       2.8       21,166         Physical therapist assistants and aides       15.23       12.1       599       12.7       31,172         Physical therapist aides       11.95       3.9       466       4.3       24,247         Miscellaneous healthcare support       0ccupations       14.07       2.7       534       2.6       27,789         Dental assistants       14.32       5.6       555       5.6       28,842         Medical assistants       14.32       5.6       555       5.6       28,842         Medical equipment preparers       13.97       4.1       531       6.5       27,602         Medical transcriptionists       14.08       6.7       526       10.4       27,366       <							
Nursing, psychiatric, and home health aides       11.38       2.4       445       2.6       23,118         Home health aides       10.62       2.2       424       2.2       22,037         Nursing aides, orderlies, and attendants       11.60       2.8       451       3.1       23,462         Psychiatric aides       10.27       3.0       407       2.8       21,166         Physical therapist assistants and aides       15.23       12.1       599       12.7       31,172       1         Physical therapist aides       11.95       3.9       466       4.3       24,247         Miscellaneous healthcare support       14.07       2.7       534       2.6       27,789         Dental assistants       17.43       3.5       592       2.6       30,796         Medical assistants       14.32       5.6       555       5.6       28,842         Medical equipment preparers       13.97       4.1       531       6.5       27,602         Medical transcriptionists       14.08       6.7       526       10.4       27,366       1         Protective service occupations       11.38       3.0       452       3.0       23,490         Psecurity guards and gaming s		18.04	6.2	718	6.4	37,358	6.4
Nursing, psychiatric, and home health aides       11.38       2.4       445       2.6       23,118         Home health aides       10.62       2.2       424       2.2       22,037         Nursing aides, orderlies, and attendants       11.60       2.8       451       3.1       23,462         Psychiatric aides       10.27       3.0       407       2.8       21,166         Physical therapist assistants and aides       15.23       12.1       599       12.7       31,172       1         Physical therapist aides       11.95       3.9       466       4.3       24,247         Miscellaneous healthcare support       14.07       2.7       534       2.6       27,789         Dental assistants       17.43       3.5       592       2.6       30,796         Medical assistants       14.32       5.6       555       5.6       28,842         Medical equipment preparers       13.97       4.1       531       6.5       27,602         Medical transcriptionists       14.08       6.7       526       10.4       27,366       1         Protective service occupations       11.38       3.0       452       3.0       23,490         Psecurity guards and gaming s	lealthcare support occupations	12.32	2.3	477	2.4	24 830	2.4
Home health aides							2.6
Nursing aides, orderlies, and attendants       11.60       2.8       451       3.1       23,462         Psychiatric aides       10.27       3.0       407       2.8       21,166         Physical therapist assistants and aides       15.23       12.1       599       12.7       31,172       12.1         Physical therapist aides       11.95       3.9       466       4.3       24,247         Miscellaneous healthcare support occupations       14.07       2.7       534       2.6       27,789         Dental assistants       17.43       3.5       592       2.6       30,796         Medical assistants       14.32       5.6       555       5.6       28,842         Medical equipment preparers       13.97       4.1       531       6.5       27,602         Medical transcriptionists       14.08       6.7       526       10.4       27,366       1         Protective service occupations       11.38       3.0       452       3.0       23,490         Security guards and gaming surveillance officers       10.94       2.5       433       2.3       22,530				_			2.2
Psychiatric aides       10.27       3.0       407       2.8       21,166         Physical therapist assistants and aides       15.23       12.1       599       12.7       31,172       1         Physical therapist aides       11.95       3.9       466       4.3       24,247         Miscellaneous healthcare support occupations       14.07       2.7       534       2.6       27,789         Dental assistants       17.43       3.5       592       2.6       30,796         Medical assistants       14.32       5.6       555       5.6       28,842         Medical equipment preparers       13.97       4.1       531       6.5       27,602         Medical transcriptionists       14.08       6.7       526       10.4       27,366       1         Protective service occupations       11.38       3.0       452       3.0       23,490         Security guards and gaming surveillance officers       10.94       2.5       433       2.3       22,530							3.1
Physical therapist assistants and aides       15.23       12.1       599       12.7       31,172       11.95         Physical therapist aides       11.95       3.9       466       4.3       24,247         Miscellaneous healthcare support occupations       14.07       2.7       534       2.6       27,789         Dental assistants       17.43       3.5       592       2.6       30,796         Medical assistants       14.32       5.6       555       5.6       28,842         Medical equipment preparers       13.97       4.1       531       6.5       27,602         Medical transcriptionists       14.08       6.7       526       10.4       27,366       1         Protective service occupations       11.38       3.0       452       3.0       23,490         Security guards and gaming surveillance officers       10.94       2.5       433       2.3       22,530				_			2.8
Physical therapist aides       11.95       3.9       466       4.3       24,247         Miscellaneous healthcare support occupations       14.07       2.7       534       2.6       27,789         Dental assistants       17.43       3.5       592       2.6       30,796         Medical assistants       14.32       5.6       555       5.6       28,842         Medical equipment preparers       13.97       4.1       531       6.5       27,602         Medical transcriptionists       14.08       6.7       526       10.4       27,366       1         Protective service occupations       11.38       3.0       452       3.0       23,490         Security guards and gaming surveillance officers       10.94       2.5       433       2.3       22,530							12.7
Miscellaneous healthcare support occupations       14.07       2.7       534       2.6       27,789         Dental assistants       17.43       3.5       592       2.6       30,796         Medical assistants       14.32       5.6       555       5.6       28,842         Medical equipment preparers       13.97       4.1       531       6.5       27,602         Medical transcriptionists       14.08       6.7       526       10.4       27,366       1         Protective service occupations       11.38       3.0       452       3.0       23,490         Security guards and gaming surveillance officers       10.94       2.5       433       2.3       22,530							4.3
occupations       14.07       2.7       534       2.6       27,789         Dental assistants       17.43       3.5       592       2.6       30,796         Medical assistants       14.32       5.6       555       5.6       28,842         Medical equipment preparers       13.97       4.1       531       6.5       27,602         Medical transcriptionists       14.08       6.7       526       10.4       27,366       1         Protective service occupations       11.38       3.0       452       3.0       23,490         Security guards and gaming surveillance officers       10.94       2.5       433       2.3       22,530		11.93	3.9	400	4.5	24,247	4.5
Dental assistants       17.43       3.5       592       2.6       30,796         Medical assistants       14.32       5.6       555       5.6       28,842         Medical equipment preparers       13.97       4.1       531       6.5       27,602         Medical transcriptionists       14.08       6.7       526       10.4       27,366       1         Protective service occupations       11.38       3.0       452       3.0       23,490         Security guards and gaming surveillance officers       10.94       2.5       433       2.3       22,530		14.07	2.7	534	2.6	27 780	2.6
Medical assistants       14.32       5.6       555       5.6       28,842         Medical equipment preparers       13.97       4.1       531       6.5       27,602         Medical transcriptionists       14.08       6.7       526       10.4       27,366       1         Protective service occupations       11.38       3.0       452       3.0       23,490         Security guards and gaming surveillance officers       10.94       2.5       433       2.3       22,530	<u>-</u>						2.6
Medical equipment preparers       13.97       4.1       531       6.5       27,602         Medical transcriptionists       14.08       6.7       526       10.4       27,366       1         Protective service occupations       11.38       3.0       452       3.0       23,490         Security guards and gaming surveillance officers       10.94       2.5       433       2.3       22,530							5.6
Medical transcriptionists       14.08       6.7       526       10.4       27,366       1         Protective service occupations       11.38       3.0       452       3.0       23,490         Security guards and gaming surveillance officers       10.94       2.5       433       2.3       22,530							6.5
Protective service occupations       11.38       3.0       452       3.0       23,490         Security guards and gaming surveillance officers       10.94       2.5       433       2.3       22,530							10.4
Security guards and gaming surveillance officers         10.94         2.5         433         2.3         22,530	Medical transcriptionists	14.08	0.7	320	10.4	27,300	10.4
Security guards and gaming surveillance officers         10.94         2.5         433         2.3         22,530	notostivo sarvigo occupations	11 20	2.0	450	2.0	22 400	2.0
officers		11.38	3.0	432	3.0	23,490	3.0
		10.04	2.5	422	2.2	22.520	22
							2.3
	Security guards	10.93	2.6	433	2.3	22,501	2.3
Miscellaneous protective service workers 10.20 6.8 410 6.8 20,419	Miscellaneous protective service workers	10.20	6.8	410	6.8	20,419	6.8
Food preparation and serving related							
occupations         9.71         1.9         367         2.4         18,754		9.71	1.9	367	2.4	18,754	2.4
First-line supervisors/managers, food	1						
preparation and serving workers		15.18		621	2.7	31,518	2.7
Chefs and head cooks	Chefs and head cooks	14.13	9.4	547	14.5	25,139	14.5

RSE Table 12 Full-time<sup>1</sup> private industry workers: Relative standard errors of mean hourly, weekly, and annual earnings — Continued

	Hourly ea	rnings <sup>3</sup>	Weekly ea	rnings <sup>5</sup>	Annual earnings <sup>6</sup>	
Occupation <sup>2</sup>	Mean	Relative error <sup>4</sup>	Mean	Relative error <sup>4</sup>	Mean	Relative error <sup>4</sup>
Food preparation and serving related						
occupations –Continued						
First-line supervisors/managers of food						
preparation and serving workers	\$15.35	2.3%	\$633	2.7%	\$32,701	2.7%
Cooks	10.60	2.5	403	3.0	20,585	3.0
Cooks, fast food	8.05	2.0	295	6.4	15,343	6.4
Cooks, institution and cafeteria	11.47	5.6	435	7.4	21,939	7.4
Cooks, restaurant	10.66	2.9	405	3.6	20,725	3.6
Cooks, short order	9.21	3.8	360	4.9	18,708	4.9
Food preparation workers	9.62	4.5	346	11.3	17,250	11.3
Food service, tipped	5.30	5.0	187	5.1	9,647	5.1
Bartenders	7.02	7.9	250	6.1	12,989	6.1
Waiters and waitresses	3.60	5.5	124	8.3	6,362	8.3
Dining room and cafeteria attendants and	0.04	2.6	200	2.4	15 601	2.4
bartender helpers	8.04	3.6	308	3.4	15,691	3.4
Fast food and counter workers	9.53	3.2	370	3.7	19,040	3.7
Combined food preparation and serving	0.10	2.6	255	2.5	10 201	2.5
workers, including fast food	9.18	2.6	355	3.5	18,201	3.5
Counter attendants, cafeteria, food	10.76	6.6	427	6.0	22 196	6.0
concession, and coffee shop	10.76	6.6 6.2	427	6.9 8.2	22,186	6.9 8.2
Food servers, nonrestaurant	8.52	3.3	402	3.8	20,884	3.8
Dishwashers	8.32	3.3	325	3.0	16,717	3.8
Hosts and hostesses, restaurant, lounge, and	8.45	15.2	308	16.0	16,000	16.0
coffee shop	0.43	13.2	308	10.0	10,000	10.0
Building and grounds cleaning and						
maintenance occupations	11.62	3.1	455	3.2	22,496	3.2
First-line supervisors/managers, building and	11.02	3.1	733	3.2	22,470	3.2
grounds cleaning and maintenance						
workers	17.50	8.3	712	8.2	36,503	8.2
First-line supervisors/managers of	17.60	0.0	, 12	0.2	23,232	0.2
housekeeping and janitorial workers	17.47	11.0	701	10.5	35,982	10.5
First-line supervisors/managers of	2,,,,					
landscaping, lawn service, and						
groundskeeping workers	17.54	12.9	728	13.2	37,231	13.2
Building cleaning workers	11.25	3.5	437	3.5	22,203	3.5
Janitors and cleaners, except maids and					,	
housekeeping cleaners	11.42	1.9	451	2.0	22,812	2.0
Maids and housekeeping cleaners	10.28	3.3	387	2.3	19,758	2.3
Grounds maintenance workers	11.72	6.4	472	6.7	19,614	6.7
Landscaping and groundskeeping workers	11.50	5.3	464	5.7	19,235	5.7
Personal care and service occupations	12.50	3.8	456	4.3	22,849	4.3

RSE Table 12 Full-time<sup>1</sup> private industry workers: Relative standard errors of mean hourly, weekly, and annual earnings — Continued

	Hourly earnings <sup>3</sup>		Weekly earnings <sup>5</sup>		Annual earnings <sup>6</sup>	
Occupation <sup>2</sup>	Mean	Relative error <sup>4</sup>	Mean	Relative error <sup>4</sup>	Mean	Relative error <sup>4</sup>
Personal care and service occupations  -Continued						
First-line supervisors/managers of personal						
service workers	\$13.07	3.7%	\$508	6.0%	\$26,438	6.0%
Gaming services workers	8.57	9.0	343	9.0	17,833	9.0
Barbers and cosmetologists	14.81	17.9	559	21.3	29,074	21.3
Hairdressers, hairstylists, and						
cosmetologists	14.81	17.9	559	21.3	29,074	21.3
Transportation attendants	28.30	11.2	537	10.7	27,923	10.7
Flight attendants	29.35	12.3	533	11.1	27,702	11.1
Child care workers	9.68	3.3	378	3.8	19,641	3.8
Personal and home care aides	10.17	5.2	404	5.5	20,991	5.5
Recreation and fitness workers	14.53	13.9	549	13.7	24,705	13.7
Recreation workers	15.74	12.6	609	14.0	25,637	14.0
Sales and related occupations	21.88	4.9	885	4.8	45,855	4.8
First-line supervisors/managers, sales workers	21.81	7.5	909	8.1	46,978	8.1
First-line supervisors/managers of retail	21.01	1.5	909	0.1	40,976	0.1
sales workers	17.22	3.5	721	4.0	37,200	4.0
First-line supervisors/managers of	17.22	3.3	/21	4.0	37,200	4.0
non-retail sales workers	35.10	10.1	1,442	10.4	74,978	10.4
Retail sales workers	13.31	3.1	532	3.3		3.3
		2.4			27,562	
Cashiers, all workers	10.27		405	2.5	20,820	2.5
Cashiers Counter and rental clerks and parts	10.26	2.4	404	2.5	20,786	2.5
salespersons	15.76	8.5	640	9.2	33,100	9.2
Counter and rental clerks	13.70	8.8	567	10.7	29,076	10.7
Parts salespersons	16.62	10.1	673	10.7	34,994	10.7
Retail salespersons	14.51	4.8	584	5.0	30,323	5.0
Advertising sales agents	24.06	5.4	965	5.1	50,323	5.1
	24.05	18.9		18.7		18.7
Insurance sales agents Securities, commodities, and financial	24.03	10.9	957	10.7	49,785	10.7
services sales agents	69.95	26.0	2 966	26.6	149,046	26.6
	20.98	9.8	2,866 833	10.6		10.6
Travel agents	20.96	9.0	633	10.0	43,327	10.0
manufacturing	34.29	16.6	1,392	16.8	72,354	16.8
Sales representatives, wholesale and	34.27	10.0	1,372	10.0	72,334	10.0
manufacturing, technical and scientific						
products	55.07	30.3	2,215	29.8	115,158	29.8
Sales representatives, wholesale and	55.07	30.3	4,413	27.0	113,130	27.0
manufacturing, except technical and	26.05	2.0	1 000	27	57.052	27
scientific products	26.95	3.8 20.7	1,098	3.7	57,053	3.7 21.2
Real estate brokers and sales agents	17.74	20.7	719	21.2	37,400	21.2

**RSE Table 12** 

	Hourly ea	rnings <sup>3</sup>	Weekly ea	rnings <sup>5</sup>	Annual earnings <sup>6</sup>	
Occupation <sup>2</sup>	Mean	Relative error <sup>4</sup>	Mean	Relative error <sup>4</sup>	Mean	Relative error <sup>4</sup>
Sales and related occupations - Continued						
Real estate sales agents	\$18.17	24.8%	\$723	25.0%	\$37,579	25.0%
Miscellaneous sales and related workers	19.71	10.8	783	10.7	40,430	10.7
Office and administrative support						
occupations	15.71	1.6	619	1.6	32,157	1.6
First-line supervisors/managers of office and					,	
administrative support workers	21.28	2.8	849	2.8	44,166	2.8
Switchboard operators, including answering	21.20		0.7		,100	
service	12.37	7.2	495	7.2	25,720	7.2
Financial clerks	15.19	2.3	598	2.3	31,102	2.3
Bill and account collectors	15.86	5.7	625	5.8	32,423	5.8
Billing and posting clerks and machine	12.00	3.,	023	3.0	32,123	5.0
operators	15.58	3.5	603	4.2	31,344	4.2
Bookkeeping, accounting, and auditing	13.30	3.5	003	1.2	31,311	1.2
clerks	16.07	2.0	631	2.2	32,826	2.2
Payroll and timekeeping clerks	18.48	2.5	737	2.5	38,349	2.5
Procurement clerks	15.91	3.6	637	3.6	33,100	3.6
Tellers	11.51	2.6	458	2.6	23,807	2.6
Brokerage clerks	15.82	8.6	633	8.6	32,909	8.6
Credit authorizers, checkers, and clerks	15.03	8.4	599	8.6	31,148	8.6
Customer service representatives	16.03	2.7	634	2.8	32,973	2.8
File clerks	12.77	6.1	507	6.3	26,352	6.3
Hotel, motel, and resort desk clerks	9.76	4.9	382	4.7	18,637	4.7
Interviewers, except eligibility and loan	13.34	6.2	528	5.8	27,442	5.8
Loan interviewers and clerks	17.00	6.2	676	6.2	35,168	6.2
New accounts clerks	16.52	6.7	659	6.9	34,258	6.9
Order clerks	15.07	3.5	602	3.6	31,256	3.6
Human resources assistants, except payroll	13.07	3.3	002	3.0	31,230	3.0
and timekeeping	18.29	5.5	735	5.2	38,246	5.2
Receptionists and information clerks	13.06	2.0	510	1.9	26,462	1.9
Dispatchers	20.10	6.2	819	6.1	42,518	6.1
Dispatchers, except police, fire, and	20.10	0.2	017	0.1	12,510	0.1
ambulance	20.29	6.6	827	6.4	43,028	6.4
Meter readers, utilities	14.81	11.0	593	11.0	30,810	11.0
Production, planning, and expediting clerks	20.05	4.1	794	4.4	41,219	4.4
Shipping, receiving, and traffic clerks	14.15	2.0	566	2.0	29,418	2.0
Stock clerks and order fillers	12.60	4.6	491	5.3	25,553	5.3
Weighers, measurers, checkers, and	12.00	1.0	1,71	3.3	25,555	3.3
samplers, recordkeeping	13.51	7.2	540	7.2	28,093	7.2
Secretaries and administrative assistants	18.44	3.4	723	3.4	37,549	3.4
Executive secretaries and administrative	10.11	5.1	,23	5.1	57,517	5
assistants	20.79	3.1	819	3.1	42,535	3.1
Legal secretaries	21.53	3.1	830	3.1	43,181	3.1
		5.2		2.2	,101	

**RSE Table 12** 

	Hourly ea	rnings <sup>3</sup>	Weekly ea	rnings <sup>5</sup>	Annual earnings <sup>6</sup>	
Occupation <sup>2</sup>	Mean	Relative error <sup>4</sup>	Mean	Relative error <sup>4</sup>	Mean	Relative error <sup>4</sup>
Office and administrative support						
occupations –Continued						
Medical secretaries	\$16.53	10.6%	\$644	11.2%	\$33,472	11.2%
Secretaries, except legal, medical, and	·		·		, ,	
executive	15.66	2.0	619	1.9	32,062	1.9
Computer operators	18.03	5.3	721	5.3	37,502	5.3
Data entry and information processing					ĺ	
workers	14.05	2.8	554	2.8	28,827	2.8
Data entry keyers	13.58	2.7	537	2.7	27,926	2.7
Word processors and typists	15.35	6.8	602	6.5	31,295	6.5
Insurance claims and policy processing						
clerks	16.37	3.5	646	3.4	33,572	3.4
Mail clerks and mail machine operators,						
except postal service	14.72	11.5	573	11.7	29,817	11.7
Office clerks, general	14.15	3.6	552	3.6	28,668	3.6
Office machine operators, except computer	14.27	7.0	570	7.1	29,639	7.1
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Farming, fishing, and forestry occupations	12.40	4.3	502	5.0	24,943	5.0
Miscellaneous agricultural workers	11.28	3.4	451	3.4	22,232	3.4
Farmworkers and laborers, crop, nursery,						
and greenhouse	11.14	2.1	446	2.1	20,918	2.1
Construction and extraction occupations	22.96	4.5	902	4.3	44,913	4.3
First-line supervisors/managers of	22.90	4.3	902	4.5	44,913	4.5
construction trades and extraction						
workers	31.35	9.0	1,258	9.0	64,508	9.0
Brickmasons, blockmasons, and	31.33	9.0	1,236	9.0	04,508	9.0
stonemasons	27.75	5.9	1,094	5.5	53,355	5.5
Brickmasons and blockmasons	27.75	5.9	1,094	5.5	53,355	5.5
Carpenters	23.38	9.3	907	8.0	46,151	8.0
Carpet, floor, and tile installers and finishers	28.07	14.5	1,123	14.5	58,384	14.5
Cement masons, concrete finishers, and	26.07	14.3	1,123	14.3	30,304	14.5
terrazzo workers	22.38	9.0	887	9.5	42,158	9.5
Cement masons and concrete finishers	22.38	8.8	883	9.3	42,138	9.3
Construction laborers	20.57	9.5	814	9.5	39,632	9.5
Construction equipment operators	21.24	15.4	813	14.4	36,816	14.4
Paving, surfacing, and tamping equipment	21.24	13.4	613	14.4	30,810	14.4
operators	15.62	20.2	592	16.3	23,296	16.3
Operating engineers and other	13.02	20.2	394	10.5	23,270	10.5
construction equipment operators	22.39	17.7	859	16.5	40,154	16.5
Electricians	24.31	4.6	972	4.6	50,537	4.6
Painters and paperhangers	17.95	10.9	717	10.9	37,298	10.9
Painters and papernangers Painters, construction and maintenance	17.95	10.9	717	10.9	37,298	10.9
i amors, construction and maintenance	17.33	10.9	/1/	10.9	31,490	10.9

**RSE Table 12** 

	Hourly earnings <sup>3</sup>		Weekly earnings <sup>5</sup>		Annual earnings <sup>6</sup>	
Occupation <sup>2</sup>	Mean	Relative error <sup>4</sup>	Mean	Relative error <sup>4</sup>	Mean	Relative error <sup>4</sup>
Construction and extraction occupations -Continued						
Pipelayers, plumbers, pipefitters, and						
1 7 1 1 1	\$22.84	6.3%	\$909	6.3%	\$45,539	6.3%
Plumbers, pipefitters, and steamfitters	22.93	6.6	913	6.6	45,684	6.6
Roofers	22.86	7.3	815	9.9	36,677	9.9
Sheet metal workers	24.78	6.7	963	5.5	46,988	5.5
Helpers, construction trades	16.80	7.7	657	8.6	33,639	8.6
Helpersbrickmasons, blockmasons,		, . ,		0.0	,	
stonemasons, and tile and marble						
setters	21.21	12.4	848	12.4	42,315	12.4
Helperscarpenters	14.18	7.2	567	7.2	29,484	7.2
Miscellaneous construction and related	110	, . <u>_</u>	20.	, . <u>_</u>	_>,	/
workers	17.55	12.2	696	12.6	34,458	12.6
W 0112012	17.00	12.12	0,0	12.0	<i>c</i> ., <i>c c</i>	12.0
Installation, maintenance, and repair						
occupations	20.79	3.3	831	3.3	43,065	3.3
First-line supervisors/managers of	20.79	3.3	031	5.5	13,002	3.3
mechanics, installers, and repairers	28.04	5.4	1,144	4.9	59,115	4.9
Computer, automated teller, and office	20.01	5	1,1	>	55,115	>
machine repairers	16.18	7.7	646	7.7	33,603	7.7
Radio and telecommunications equipment	10.10	,.,	010	,.,	33,003	/./
installers and repairers	24.93	6.6	997	6.6	51,865	6.6
Telecommunications equipment installers	21.73	0.0	,,,,	0.0	31,003	0.0
and repairers, except line installers	24.93	6.6	997	6.6	51,865	6.6
Miscellaneous electrical and electronic	27.73	0.0	771	0.0	31,003	0.0
equipment mechanics, installers, and						
repairers	19.57	7.2	781	7.0	40,614	7.0
Electrical and electronics repairers,	17.51	7.2	701	7.0	40,014	7.0
commercial and industrial equipment	21.04	8.4	837	8.1	43,533	8.1
Electrical and electronics repairers,	21.04	0.4	037	0.1	75,555	0.1
powerhouse, substation, and relay	25.02	10.9	1,001	10.9	52,040	10.9
Aircraft mechanics and service technicians	23.91	10.7	954	10.5	49,592	10.5
Automotive technicians and repairers	17.63	8.1	714	8.4	37,136	8.4
Automotive body and related repairers	19.14	9.5	771	10.1	40,102	10.1
Automotive body and related repairers Automotive service technicians and	17.14	9.5	//1	10.1	40,102	10.1
mechanics	17.06	10.0	692	10.6	25 009	10.6
	17.00	10.0	092	10.0	35,998	10.0
Bus and truck mechanics and diesel engine	22.11	4.0	871	4.1	45.020	4.1
specialists	22.11	4.0	0/1	4.1	45,020	4.1
Heavy vehicle and mobile equipment service	24.12	77	067	77	50 105	7.7
technicians and mechanics	24.13	7.7	967	7.7	50,185	7.7
Mobile heavy equipment mechanics,	25.22	0.0	1.000	0.0	50.007	0.0
except engines	25.22	8.9	1,009	8.9	52,327	8.9
Small engine mechanics	15.26	11.6	611	11.6	31,750	11.6

**RSE Table 12** 

	Hourly ea	rnings <sup>3</sup>	Weekly ea	rnings <sup>5</sup>	Annual earnings <sup>6</sup>	
Occupation <sup>2</sup>	Mean	Relative error <sup>4</sup>	Mean	Relative error <sup>4</sup>	Mean	Relative error <sup>4</sup>
Installation, maintenance, and repair						
occupations –Continued						
Outdoor power equipment and other small						
engine mechanics	\$16.41	12.4%	\$656	12.4%	\$34,130	12.4%
Miscellaneous vehicle and mobile equipment						
mechanic, installers, and repairers	10.97	7.3	439	7.3	22,809	7.3
Tire repairers and changers	10.65	8.1	426	8.1	22,159	8.1
Heating, air conditioning, and refrigeration						
mechanics and installers	18.74	7.0	725	6.0	37,717	6.0
Industrial machinery installation, repair, and						
maintenance workers	21.74	3.9	868	3.9	45,124	3.9
Industrial machinery mechanics	24.64	2.3	985	2.3	51,213	2.3
Maintenance and repair workers, general	18.12	5.7	723	5.7	37,594	5.7
Maintenance workers, machinery	18.88	5.9	749	5.8	38,924	5.8
Millwrights	29.98	12.4	1,199	12.4	62,363	12.4
Line installers and repairers	24.93	9.9	997	9.9	51,169	9.9
Electrical power-line installers and						
repairers	30.68	2.7	1,227	2.7	63,811	2.7
Telecommunications line installers and						
repairers	22.58	15.3	903	15.3	46,110	15.3
Precision instrument and equipment						
repairers	22.65	13.0	906	13.0	47,111	13.0
Miscellaneous installation, maintenance, and						
repair workers	16.81	5.5	673	5.5	34,155	5.5
Helpersinstallation, maintenance, and						
repair workers	12.37	7.1	495	7.1	24,978	7.1
1					,	
Production occupations	16.98	1.0	677	1.0	35,182	1.0
First-line supervisors/managers of					, -	
production and operating workers	25.31	2.5	1,047	2.7	54,450	2.7
Electrical, electronics, and electromechanical			,-		- ,	
assemblers	13.18	5.7	527	5.7	27,416	5.7
Coil winders, tapers, and finishers	11.21	4.7	448	4.7	23,314	4.7
Electrical and electronic equipment						
assemblers	14.08	9.4	563	9.4	29,278	9.4
Electromechanical equipment assemblers	12.70	7.2	508	7.2	26,420	7.2
Engine and other machine assemblers	20.57	5.7	819	5.8	42,600	5.8
Structural metal fabricators and fitters	18.14	12.2	717	11.5	36,725	11.5
Miscellaneous assemblers and fabricators	18.62	4.1	742	4.2	38,531	4.2
Team assemblers	19.66	11.2	783	11.4	40,609	11.4
Bakers	13.00	5.0	493	8.0	25,626	8.0
Butchers and other meat, poultry, and fish	15.50	3.0	.,,,	3.0	25,525	3.0
processing workers	12.45	6.3	487	7.5	25,336	7.5
Butchers and meat cutters	13.33	11.9	510	14.4	26,533	14.4
	23.00	/			_ = =,000	

**RSE Table 12** 

Occupation <sup>2</sup>	Hourly earnings <sup>3</sup>		Weekly earnings <sup>5</sup>		Annual earnings <sup>6</sup>	
	Mean	Relative error <sup>4</sup>	Mean	Relative error <sup>4</sup>	Mean	Relative error <sup>4</sup>
Production occupations - Continued						
Slaughterers and meat packers	\$11.53	3.7%	\$461	3.7%	\$23,975	3.7%
Miscellaneous food processing workers	14.40	8.2	575	8.2	29,868	8.2
Food and tobacco roasting, baking, and						
drying machine operators and tenders	12.71	17.0	508	17.0	26,439	17.0
Food batchmakers	14.76	9.1	590	9.0	30,586	9.0
Computer control programmers and						
operators	19.13	5.4	764	5.4	39,709	5.4
Computer-controlled machine tool						
operators, metal and plastic	18.14	4.0	724	4.1	37,636	4.1
Numerical tool and process control						
programmers	24.71	11.6	988	11.6	51,390	11.6
Forming machine setters, operators, and						
tenders, metal and plastic	15.71	4.9	625	5.1	32,416	5.1
Extruding and drawing machine setters,						
operators, and tenders, metal and						
plastic	14.62	5.1	578	5.7	30,057	5.7
Forging machine setters, operators, and						
tenders, metal and plastic	14.82	14.3	593	14.3	30,354	14.3
Rolling machine setters, operators, and					,	
tenders, metal and plastic	17.36	5.5	694	5.5	36,102	5.5
Machine tool cutting setters, operators, and					,	
tenders, metal and plastic	15.36	2.2	614	2.2	31,921	2.2
Cutting, punching, and press machine						
setters, operators, and tenders, metal						
and plastic	15.32	3.3	613	3.3	31,848	3.3
Drilling and boring machine tool setters,					,	
operators, and tenders, metal and						
plastic	12.75	15.6	510	15.6	26,428	15.6
Grinding, lapping, polishing, and buffing					,	
machine tool setters, operators, and						
tenders, metal and plastic	14.59	4.8	583	4.9	30,316	4.9
Lathe and turning machine tool setters,					,	
operators, and tenders, metal and						
plastic	17.39	5.5	696	5.5	36,177	5.5
Milling and planing machine setters,					,	
operators, and tenders, metal and						
plastic	19.13	8.4	765	8.4	39,699	8.4
Machinists	20.63	4.6	821	4.7	42,706	4.7
Metal furnace and kiln operators and tenders	16.77	14.8	671	14.8	34,890	14.8
Metal-refining furnace operators and					<u> </u>	
tenders	17.85	14.1	714	14.1	37,120	14.1
Model makers and patternmakers, metal and						
plastic	21.87	9.1	875	9.1	45,493	9.1
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**RSE Table 12** 

Occupation <sup>2</sup>	Hourly earnings <sup>3</sup>		Weekly earnings <sup>5</sup>		Annual earnings <sup>6</sup>	
	Mean	Relative error <sup>4</sup>	Mean	Relative error <sup>4</sup>	Mean	Relative error <sup>4</sup>
Production occupations - Continued						
Model makers, metal and plastic	\$23.00	10.3%	\$920	10.3%	\$47,840	10.3%
Molders and molding machine setters,						
operators, and tenders, metal and plastic	13.50	6.1	539	6.0	28,044	6.0
Molding, coremaking, and casting						
machine setters, operators, and						
tenders, metal and plastic	13.31	6.3	532	6.2	27,643	6.2
Multiple machine tool setters, operators, and						
tenders, metal and plastic	16.56	6.7	654	7.4	33,978	7.4
Tool and die makers	24.91	2.6	996	2.6	51,716	2.6
Welding, soldering, and brazing workers	16.82	4.1	670	4.0	34,779	4.0
Welders, cutters, solderers, and brazers	16.75	4.7	668	4.7	34,671	4.7
Welding, soldering, and brazing machine						
setters, operators, and tenders	17.02	8.6	678	8.7	35,130	8.7
Miscellaneous metalworkers and plastic						
workers	16.83	5.3	672	5.2	34,948	5.2
Heat treating equipment setters, operators,						
and tenders, metal and plastic	18.23	9.9	729	9.9	37,916	9.9
Plating and coating machine setters,						
operators, and tenders, metal and						
plastic	15.01	9.4	600	9.4	31,210	9.4
Tool grinders, filers, and sharpeners	20.15	6.7	798	6.6	41,503	6.6
Bookbinders and bindery workers	14.40	5.4	573	5.4	29,820	5.4
Bindery workers	14.40	5.4	573	5.4	29,820	5.4
Printers	17.68	4.6	700	4.5	36,325	4.5
Prepress technicians and workers	17.12	5.6	673	5.6	35,009	5.6
Printing machine operators	17.77	5.9	704	5.8	36,498	5.8
Laundry and dry-cleaning workers	10.11	3.5	386	4.6	20,050	4.6
Pressers, textile, garment, and related						
materials	10.84	9.7	416	12.7	21,653	12.7
Sewing machine operators	13.02	14.6	520	14.6	26,940	14.6
Miscellaneous textile, apparel, and						
furnishings workers	14.60	18.0	580	18.0	30,135	18.0
Cabinetmakers and bench carpenters	16.15	8.9	638	8.2	32,907	8.2
Woodworking machine setters, operators,						
and tenders	12.33	5.9	493	5.9	25,593	5.9
Sawing machine setters, operators, and						
tenders, wood	11.54	8.7	461	8.7	23,927	8.7
Woodworking machine setters, operators,						
and tenders, except sawing	13.21	5.6	529	5.6	27,460	5.6
Power plant operators, distributors, and						
dispatchers	29.37	12.2	1,175	12.2	61,082	12.2
Power plant operators	24.87	8.4	995	8.4	51,738	8.4
Miscellaneous plant and system operators	23.00	7.6	908	7.1	47,239	7.1
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**RSE Table 12** 

Occupation <sup>2</sup>	Hourly earnings <sup>3</sup>		Weekly earnings <sup>5</sup>		Annual earnings <sup>6</sup>	
	Mean	Relative error <sup>4</sup>	Mean	Relative error <sup>4</sup>	Mean	Relative error <sup>4</sup>
<b>Production occupations</b> –Continued						
Chemical plant and system operators	\$23.48	6.5%	\$924	5.3%	\$48,023	5.3%
Chemical processing machine setters,						
operators, and tenders	19.09	8.6	764	8.6	39,709	8.6
Crushing, grinding, polishing, mixing, and						
blending workers	16.55	5.8	662	5.8	34,387	5.8
Crushing, grinding, and polishing machine						
setters, operators, and tenders	16.62	4.9	665	4.9	34,522	4.9
Grinding and polishing workers, hand	14.89	15.1	595	15.1	30,880	15.1
Mixing and blending machine setters,	17.07	7.5	601	7.5	25.017	7.5
operators, and tenders	17.27	7.5	691	7.5	35,917	7.5
Cutting workers	14.04	7.5	562	7.5	29,206	7.5
Cutting and clining machine setters	10.02	6.1	401	6.1	20,838	6.1
Cutting and slicing machine setters, operators, and tenders	15.80	6.3	632	6.3	32,861	6.3
Extruding, forming, pressing, and	13.60	0.5	032	0.5	32,801	0.5
compacting machine setters, operators,						
and tenders	15.57	7.1	623	7.1	32,391	7.1
Furnace, kiln, oven, drier, and kettle	13.37	7.1	023	7.1	32,371	/.1
operators and tenders	17.81	21.8	712	21.8	37,020	21.8
Inspectors, testers, sorters, samplers, and	-,,,,				,	
weighers	16.49	4.5	658	4.4	34,147	4.4
Medical, dental, and ophthalmic laboratory					,	
technicians	14.76	3.5	591	3.5	30,708	3.5
Packaging and filling machine operators and						
tenders	14.47	5.5	578	5.5	30,080	5.5
Painting workers	14.29	3.8	572	3.7	29,728	3.7
Coating, painting, and spraying machine						
setters, operators, and tenders	13.12	4.3	525	4.3	27,267	4.3
Painters, transportation equipment	18.89	8.6	763	7.7	39,690	7.7
Miscellaneous production workers	15.09	7.9	599	7.9	31,172	7.9
Cementing and gluing machine operators	10.07	7.4		7.4	20.074	
and tenders	13.87	7.4	555	7.4	28,854	7.4
Paper goods machine setters, operators,	17.10	21.0	692	21.0	25 400	21.0
and tenders  Helpersproduction workers	17.10 13.80	3.5	683 547	3.7	35,490 28,422	3.7
Helpelsploduction workers	13.60	3.3	347	3.7	20,422	3.7
Transportation and material moving						
occupations	16.36	1.4	653	1.4	33,630	1.4
First-line supervisors/managers of helpers,	10.50	1	033	2.1	55,050	1
laborers, and material movers, hand	22.25	4.3	912	3.6	47,448	3.6
First-line supervisors/managers of					, -	
transportation and material-moving						
machine and vehicle operators	23.25	5.6	1,009	6.4	52,486	6.4

Occupation <sup>2</sup>	Hourly earnings <sup>3</sup>		Weekly earnings <sup>5</sup>		Annual earnings <sup>6</sup>	
	Mean	Relative error <sup>4</sup>	Mean	Relative error <sup>4</sup>	Mean	Relative error <sup>4</sup>
Transportation and material moving						
occupations –Continued						
Aircraft pilots and flight engineers	\$72.91	30.8%	\$1,483	34.5%	\$77,140	34.5%
Airline pilots, copilots, and flight						
engineers	77.12	38.9	1,450	38.0	75,403	38.0
Driver/sales workers and truck drivers	18.36	3.1	756	3.1	38,775	3.1
Driver/sales workers	13.73	6.0	530	7.1	27,559	7.1
Truck drivers, heavy and tractor-trailer	19.27	3.8	805	4.0	41,215	4.0
Truck drivers, light or delivery services	17.16	5.4	690	5.5	35,566	5.5
Taxi drivers and chauffeurs	9.15	4.0	362	3.8	18,849	3.8
Railroad conductors and yardmasters	30.02	9.2	1,201	9.2	62,431	9.2
Service station attendants	9.60	11.4	384	11.4	19,972	11.4
Conveyor operators and tenders	11.86	15.5	474	15.5	24,664	15.5
Crane and tower operators	17.60	5.5	704	5.5	36,605	5.5
Dredge, excavating, and loading machine						
operators	14.06	7.0	563	7.0	29,166	7.0
Excavating and loading machine and						
dragline operators	13.96	6.8	558	6.8	28,947	6.8
Industrial truck and tractor operators	15.40	5.1	613	5.2	31,456	5.2
Laborers and material movers, hand	12.66	3.2	504	3.2	26,071	3.2
Cleaners of vehicles and equipment	13.15	7.0	527	6.9	27,402	6.9
Laborers and freight, stock, and material						
movers, hand	13.33	4.0	530	3.9	27,336	3.9
Machine feeders and offbearers	11.70	6.2	467	6.2	24,211	6.2
Packers and packagers, hand	11.49	4.9	456	4.9	23,682	4.9
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 $<sup>1\,</sup>$  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

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.

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.

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.
 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