

RSE Table 11

Full-time<sup>1</sup> civilian workers: Relative standard errors of mean hourly, weekly, and annual earnings

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>All workers</b> .....	\$19.88	1.2%	\$793	1.3%	\$40,233	1.3%
<b>Management occupations</b> .....	44.28	3.2	1,814	2.9	93,440	2.9
Chief executives .....	106.21	37.5	4,131	36.6	214,824	36.6
General and operations managers .....	51.38	9.8	2,182	10.0	113,395	10.0
Advertising and promotions managers .....	46.86	16.3	1,938	15.6	100,764	15.6
Marketing and sales managers .....	50.56	8.6	2,083	8.3	108,334	8.3
Marketing managers .....	51.82	6.7	2,071	6.7	107,703	6.7
Sales managers .....	49.03	15.8	2,099	15.5	109,159	15.5
Public relations managers .....	33.38	13.3	1,332	13.6	68,956	13.6
Administrative services managers .....	31.90	8.9	1,313	8.9	67,598	8.9
Computer and information systems managers .....	51.89	11.4	2,076	11.4	107,933	11.4
Financial managers .....	54.62	5.1	2,211	4.8	114,823	4.8
Human resources managers .....	40.92	8.2	1,643	8.1	85,443	8.1
Compensation and benefits managers .....	34.12	5.9	1,366	5.9	71,008	5.9
Training and development managers .....	31.58	8.6	1,263	8.6	65,683	8.6
Industrial production managers .....	39.89	5.8	1,661	4.9	86,350	4.9
Purchasing managers .....	42.66	15.2	1,706	15.2	88,737	15.2
Transportation, storage, and distribution managers .....	33.88	9.8	1,368	9.5	70,979	9.5
Construction managers .....	34.18	4.4	1,421	4.3	72,974	4.3
Education administrators .....	39.34	9.6	1,549	9.9	73,939	9.9
Education administrators, preschool and child care center/program .....	19.74	12.9	790	12.9	41,065	12.9
Education administrators, elementary and secondary school .....	40.98	3.6	1,613	4.6	72,732	4.6
Education administrators, postsecondary ..	56.72	24.3	2,188	24.7	112,247	24.7
Engineering managers .....	58.18	8.1	2,355	7.9	122,475	7.9
Food service managers .....	23.50	5.9	1,048	5.4	54,473	5.4
Medical and health services managers .....	31.12	8.0	1,301	9.4	67,655	9.4
Property, real estate, and community association managers .....	22.06	10.6	883	10.5	45,915	10.5
Social and community service managers .....	20.03	19.3	789	19.6	41,054	19.6
<b>Business and financial operations occupations</b> .....	28.67	1.7	1,152	1.7	59,874	1.7
Buyers and purchasing agents .....	27.57	5.3	1,126	5.0	58,554	5.0
Wholesale and retail buyers, except farm products .....	30.47	11.2	1,219	11.2	63,385	11.2
Purchasing agents, except wholesale, retail, and farm products .....	26.47	5.1	1,063	4.9	55,289	4.9
Claims adjusters, appraisers, examiners, and investigators .....	26.77	3.8	1,052	4.2	54,691	4.2

See footnotes at end of table.

RSE Table 11

Full-time<sup>1</sup> civilian workers: Relative standard errors of mean hourly, weekly, and annual earnings — Continued

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>Business and financial operations occupations –Continued</b>						
Claims adjusters, examiners, and investigators .....	\$25.27	2.8%	\$991	2.8%	\$51,545	2.8%
Compliance officers, except agriculture, construction, health and safety, and transportation .....	25.54	13.8	1,022	13.8	53,123	13.8
Cost estimators .....	31.39	4.5	1,274	4.8	66,249	4.8
Human resources, training, and labor relations specialists .....	25.00	5.3	1,000	4.4	51,978	4.4
Employment, recruitment, and placement specialists .....	21.91	7.0	848	7.7	44,092	7.7
Compensation, benefits, and job analysis specialists .....	21.98	7.7	918	8.0	47,733	8.0
Training and development specialists .....	27.88	13.8	1,113	13.7	57,861	13.7
Logisticians .....	35.39	7.9	1,416	7.9	73,616	7.9
Management analysts .....	31.40	8.2	1,265	8.5	65,759	8.5
Accountants and auditors .....	28.75	3.0	1,156	3.1	60,115	3.1
Appraisers and assessors of real estate .....	24.91	27.5	989	27.8	51,421	27.8
Credit analysts .....	24.37	8.0	975	8.0	50,685	8.0
Financial analysts and advisors .....	30.49	10.8	1,220	10.8	63,423	10.8
Financial analysts .....	34.11	18.8	1,364	18.8	70,949	18.8
Personal financial advisors .....	24.02	9.4	961	9.4	49,965	9.4
Loan counselors and officers .....	29.86	9.2	1,193	9.1	62,012	9.1
Loan officers .....	30.04	9.6	1,199	9.4	62,372	9.4
<b>Computer and mathematical science occupations .....</b>						
Computer programmers .....	34.70	10.5	1,395	10.6	72,553	10.6
Computer software engineers .....	41.28	5.5	1,654	5.5	86,015	5.5
Computer software engineers, applications .....	39.17	8.2	1,573	8.2	81,773	8.2
Computer software engineers, systems software .....	43.35	4.7	1,734	4.7	90,160	4.7
Computer support specialists .....	25.21	10.0	1,009	10.0	52,223	10.0
Computer systems analysts .....	42.38	6.9	1,698	6.9	88,316	6.9
Database administrators .....	32.65	19.1	1,306	19.1	67,916	19.1
Network and computer systems administrators .....	27.72	5.8	1,113	6.1	56,440	6.1
Network systems and data communications analysts .....	33.20	3.8	1,328	3.8	68,863	3.8
<b>Architecture and engineering occupations ....</b>						
Architects, except naval .....	27.08	10.4	1,126	10.3	58,526	10.3
Architects, except landscape and naval .....	28.00	15.0	1,120	15.0	58,234	15.0

See footnotes at end of table.

RSE Table 11

**Full-time<sup>1</sup> civilian workers: Relative standard errors  
of mean hourly, weekly, and annual earnings — Continued**

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>Architecture and engineering occupations</b>						
–Continued						
Engineers .....	\$41.50	2.1%	\$1,676	2.1%	\$87,165	2.1%
Aerospace engineers .....	37.08	11.6	1,483	11.6	77,117	11.6
Chemical engineers .....	53.13	6.5	2,125	6.5	110,508	6.5
Civil engineers .....	34.46	9.6	1,451	9.5	75,429	9.5
Computer hardware engineers .....	45.45	7.2	1,852	6.2	96,296	6.2
Electrical and electronics engineers .....	41.06	6.1	1,663	5.2	86,486	5.2
Electrical engineers .....	45.08	13.9	1,854	13.0	96,416	13.0
Electronics engineers, except computer .....	37.67	5.4	1,507	5.4	78,357	5.4
Industrial engineers, including health and .....						
safety .....	39.43	7.1	1,577	7.1	82,016	7.1
Industrial engineers .....	39.07	8.0	1,563	8.0	81,273	8.0
Mechanical engineers .....	33.45	5.3	1,338	5.3	69,574	5.3
Petroleum engineers .....	56.22	17.8	2,249	17.8	116,941	17.8
Drafters .....	27.49	7.5	1,100	7.5	57,065	7.5
Architectural and civil drafters .....	24.53	13.2	981	13.2	51,020	13.2
Electrical and electronics drafters .....	17.84	20.0	713	20.0	37,098	20.0
Mechanical drafters .....	23.03	7.0	921	7.0	47,908	7.0
Engineering technicians, except drafters .....	21.48	12.6	856	12.5	44,505	12.5
Electrical and electronic engineering .....						
technicians .....	24.39	5.2	976	5.2	50,741	5.2
Mechanical engineering technicians .....	24.31	4.9	972	4.9	50,570	4.9
Surveying and mapping technicians .....	23.87	40.9	955	40.9	49,643	40.9
<b>Life, physical, and social science occupations</b>	33.44	7.1	1,342	7.0	68,258	7.0
Life scientists .....	28.77	11.0	1,157	11.0	60,169	11.0
Biological scientists .....	26.69	6.4	1,072	6.1	55,766	6.1
Medical scientists .....	29.35	15.5	1,174	15.5	61,041	15.5
Physical scientists .....	45.37	9.9	1,838	8.9	92,851	8.9
Environmental scientists and geoscientists .....	48.07	12.1	1,953	10.7	101,581	10.7
Environmental scientists and .....						
specialists, including health .....	38.98	19.7	1,559	19.7	81,087	19.7
Geoscientists, except hydrologists and .....						
geographers .....	59.48	6.3	2,451	4.4	127,448	4.4
Market and survey researchers .....	37.29	7.3	1,492	7.3	77,561	7.3
Market research analysts .....	37.29	7.3	1,492	7.3	77,561	7.3
Psychologists .....	33.31	6.3	1,301	7.3	57,329	7.3
Clinical, counseling, and school .....						
psychologists .....	37.17	3.2	1,473	2.6	61,489	2.6
Chemical technicians .....	24.96	11.9	1,017	13.2	52,885	13.2
Miscellaneous life, physical, and social .....						
science technicians .....	19.16	21.7	754	22.5	39,233	22.5

See footnotes at end of table.

RSE Table 11

**Full-time<sup>1</sup> civilian workers: Relative standard errors  
of mean hourly, weekly, and annual earnings — Continued**

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>Life, physical, and social science occupations</b> –Continued						
Environmental science and protection technicians, including health .....	\$20.38	27.0%	\$815	27.0%	\$42,390	27.0%
<b>Community and social services occupations</b>	19.27	6.1	767	5.9	38,220	5.9
Counselors .....	22.59	16.3	895	15.9	42,134	15.9
Substance abuse and behavioral disorder counselors .....	17.05	9.6	674	8.6	35,052	8.6
Educational, vocational, and school counselors .....	29.47	5.2	1,160	4.8	50,616	4.8
Social workers .....	18.30	3.9	733	3.8	37,982	3.8
Child, family, and school social workers ..	17.05	4.5	681	4.3	35,117	4.3
Medical and public health social workers	19.17	4.3	767	4.3	39,869	4.3
Mental health and substance abuse social workers .....	18.83	5.6	768	5.7	39,945	5.7
Miscellaneous community and social service specialists .....	14.44	7.6	575	7.9	29,889	7.9
Probation officers and correctional treatment specialists .....	19.38	3.7	775	3.7	40,309	3.7
Social and human service assistants .....	12.21	7.8	485	7.9	25,220	7.9
Clergy .....	19.35	9.9	774	9.9	40,242	9.9
<b>Legal occupations</b> .....	29.65	22.7	1,212	23.9	63,017	23.9
Lawyers .....	52.01	14.1	2,202	16.1	114,491	16.1
Miscellaneous legal support workers .....	21.18	7.8	869	7.6	45,191	7.6
Title examiners, abstractors, and searchers	21.14	6.3	882	5.6	45,861	5.6
<b>Education, training, and library occupations</b>	29.16	2.8	1,136	2.8	43,737	2.8
Postsecondary teachers .....	46.36	7.2	1,824	7.4	76,471	7.4
Business teachers, postsecondary .....	35.59	25.7	1,364	27.3	54,666	27.3
Life sciences teachers, postsecondary .....	40.47	14.6	1,619	14.6	71,528	14.6
Biological science teachers, postsecondary .....	40.47	14.6	1,619	14.6	71,528	14.6
Physical sciences teachers, postsecondary	53.88	15.4	2,118	16.9	75,746	16.9
Social sciences teachers, postsecondary ....	45.88	11.3	1,821	11.6	71,198	11.6
Health teachers, postsecondary .....	54.89	19.7	2,158	19.9	102,846	19.9
Health specialties teachers, postsecondary .....	66.22	21.5	2,630	21.5	126,426	21.5
Nursing instructors and teachers, postsecondary .....	29.48	3.8	1,133	5.4	53,032	5.4
Arts, communications, and humanities teachers, postsecondary .....	36.06	6.3	1,390	5.9	52,964	5.9

See footnotes at end of table.

RSE Table 11

Full-time<sup>1</sup> civilian workers: Relative standard errors of mean hourly, weekly, and annual earnings — Continued

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>Education, training, and library occupations</b> -Continued						
Art, drama, and music teachers, postsecondary .....	\$37.78	10.3%	\$1,495	10.3%	\$60,347	10.3%
Philosophy and religion teachers, postsecondary .....	33.03	10.9	1,254	10.4	48,369	10.4
Miscellaneous postsecondary teachers .....	45.36	7.0	1,800	7.1	74,341	7.1
Vocational education teachers, postsecondary .....	26.18	11.6	1,016	11.3	50,735	11.3
Primary, secondary, and special education school teachers .....	30.65	.9	1,187	.9	44,143	.9
Preschool and kindergarten teachers .....	24.53	8.6	953	8.1	38,783	8.1
Preschool teachers, except special education .....	19.39	12.4	761	11.5	33,097	11.5
Kindergarten teachers, except special education .....	32.08	2.7	1,228	2.7	45,762	2.7
Elementary and middle school teachers ....	30.88	.4	1,197	.4	43,987	.4
Elementary school teachers, except special education .....	31.09	.9	1,207	.8	44,187	.8
Middle school teachers, except special and vocational education .....	30.25	2.3	1,167	2.9	43,339	2.9
Secondary school teachers .....	31.50	1.2	1,220	1.3	45,074	1.3
Secondary school teachers, except special and vocational education .....	31.58	1.2	1,223	1.3	44,908	1.3
Vocational education teachers, secondary school .....	30.47	9.4	1,185	8.7	47,470	8.7
Special education teachers .....	32.33	2.2	1,250	1.6	46,524	1.6
Special education teachers, preschool, kindergarten, and elementary school	31.69	1.8	1,234	1.8	45,834	1.8
Special education teachers, middle school .....	33.43	5.3	1,281	3.1	47,748	3.1
Special education teachers, secondary school .....	32.81	5.0	1,255	5.3	46,893	5.3
Other teachers and instructors .....	25.82	10.6	986	9.8	38,722	9.8
Adult literacy, remedial education, and GED teachers and instructors .....	28.18	10.4	1,036	6.9	40,614	6.9
Librarians .....	29.34	5.6	1,144	4.9	49,210	4.9
Library technicians .....	12.96	6.7	513	6.9	24,195	6.9
Instructional coordinators .....	32.51	5.1	1,290	5.1	54,824	5.1
Teacher assistants .....	11.79	2.1	457	2.0	17,610	2.0
<b>Arts, design, entertainment, sports, and media occupations</b> .....	23.18	8.1	921	8.7	47,154	8.7
Artists and related workers .....	35.95	14.7	1,479	14.5	76,894	14.5

See footnotes at end of table.

RSE Table 11

**Full-time<sup>1</sup> civilian workers: Relative standard errors  
of mean hourly, weekly, and annual earnings — Continued**

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>Arts, design, entertainment, sports, and media occupations –Continued</b>						
Designers .....	\$20.52	9.2%	\$823	9.3%	\$42,788	9.3%
Graphic designers .....	21.61	11.9	864	11.8	44,933	11.8
Athletes, coaches, umpires, and related workers .....	32.15	17.6	1,282	18.6	62,300	18.6
Coaches and scouts .....	32.15	17.6	1,282	18.6	62,300	18.6
Public relations specialists .....	22.37	14.3	893	14.3	46,458	14.3
Writers and editors .....	19.73	6.6	785	6.5	40,839	6.5
Editors .....	20.17	6.4	803	6.1	41,736	6.1
<b>Healthcare practitioner and technical occupations</b>						
Pharmacists .....	27.51	6.3	1,088	6.6	56,177	6.6
Physicians and surgeons .....	52.97	1.1	2,122	1.0	110,335	1.0
Registered nurses .....	82.27	15.2	3,627	20.0	188,609	20.0
Therapists .....	29.07	3.1	1,140	3.3	58,903	3.3
Occupational therapists .....	34.46	5.3	1,352	5.5	65,972	5.5
Physical therapists .....	34.89	2.6	1,343	2.9	67,172	2.9
Physical therapists .....	39.68	9.9	1,574	10.3	81,505	10.3
Respiratory therapists .....	24.10	2.2	950	3.4	49,385	3.4
Speech-language pathologists .....	33.18	3.5	1,275	4.2	49,331	4.2
Clinical laboratory technologists and technicians .....	17.95	9.6	711	9.4	36,988	9.4
Medical and clinical laboratory technologists .....	23.12	6.2	915	6.0	47,601	6.0
Medical and clinical laboratory technicians .....	14.83	8.5	588	8.3	30,574	8.3
Diagnostic related technologists and technicians .....	25.16	7.2	1,005	7.2	52,240	7.2
Cardiovascular technologists and technicians .....	21.34	11.1	854	11.1	44,395	11.1
Radiologic technologists and technicians ..	23.71	3.8	946	3.8	49,197	3.8
Emergency medical technicians and paramedics .....	12.24	9.6	484	7.6	25,173	7.6
Health diagnosing and treating practitioner support technicians .....	16.37	3.6	648	3.8	33,690	3.8
Pharmacy technicians .....	14.14	4.8	559	4.9	29,070	4.9
Surgical technologists .....	18.27	4.2	722	4.4	37,537	4.4
Licensed practical and licensed vocational nurses .....	18.31	2.1	719	2.5	37,110	2.5
Medical records and health information technicians .....	16.92	17.4	669	17.9	34,791	17.9
Miscellaneous health technologists and technicians .....	15.14	11.5	605	11.4	31,438	11.4

See footnotes at end of table.

RSE Table 11

Full-time<sup>1</sup> civilian workers: Relative standard errors of mean hourly, weekly, and annual earnings — Continued

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>Healthcare practitioner and technical occupations –Continued</b>						
Occupational health and safety specialists and technicians .....	\$25.30	14.0%	\$1,012	14.0%	\$52,614	14.0%
Occupational health and safety specialists	25.61	14.7	1,024	14.7	53,265	14.7
<b>Healthcare support occupations</b> .....	11.65	5.9	444	5.8	23,059	5.8
Nursing, psychiatric, and home health aides	9.66	3.0	368	4.6	19,088	4.6
Home health aides .....	8.11	10.4	281	18.1	14,513	18.1
Nursing aides, orderlies, and attendants ....	10.01	1.8	390	2.0	20,247	2.0
Psychiatric aides .....	9.88	3.3	384	4.2	19,948	4.2
Physical therapist assistants and aides .....	24.22	18.2	896	14.0	46,579	14.0
Miscellaneous healthcare support occupations .....	13.05	4.3	502	3.4	26,083	3.4
Dental assistants .....	16.95	4.9	585	6.0	30,408	6.0
Medical assistants .....	11.66	2.2	465	2.3	24,206	2.3
Medical equipment preparers .....	13.03	4.8	519	4.6	27,000	4.6
<b>Protective service occupations</b> .....	17.55	4.2	732	4.6	37,461	4.6
First-line supervisors/managers, law enforcement workers .....	26.40	7.5	1,065	7.6	55,360	7.6
First-line supervisors/managers of correctional officers .....	19.67	9.8	790	9.7	41,106	9.7
First-line supervisors/managers of police and detectives .....	29.04	7.6	1,173	7.6	60,972	7.6
First-line supervisors/managers of fire fighting and prevention workers .....	24.89	5.8	1,167	8.9	60,659	8.9
Fire fighters .....	19.09	6.0	984	6.3	51,174	6.3
Bailiffs, correctional officers, and jailers .....	14.73	5.1	593	5.1	30,832	5.1
Correctional officers and jailers .....	14.67	4.8	591	4.7	30,710	4.7
Detectives and criminal investigators .....	21.36	7.3	858	7.1	44,622	7.1
Police officers .....	21.81	4.3	872	4.2	45,119	4.2
Police and sheriff's patrol officers .....	21.81	4.3	872	4.2	45,119	4.2
Security guards and gaming surveillance officers .....	11.06	7.0	440	6.9	22,676	6.9
Security guards .....	10.97	6.9	436	6.9	22,478	6.9
Miscellaneous protective service workers .....	10.42	12.2	399	12.0	12,771	12.0
<b>Food preparation and serving related occupations</b> .....	7.87	3.4	298	3.8	15,030	3.8
First-line supervisors/managers, food preparation and serving workers .....	14.68	4.5	618	4.5	30,705	4.5
First-line supervisors/managers of food preparation and serving workers .....	14.68	4.5	618	4.5	30,705	4.5

See footnotes at end of table.

RSE Table 11

**Full-time<sup>1</sup> civilian workers: Relative standard errors  
of mean hourly, weekly, and annual earnings — Continued**

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>Food preparation and serving related occupations –Continued</b>						
Cooks .....	\$9.37	1.8%	\$359	2.5%	\$18,050	2.5%
Cooks, fast food .....	8.19	3.1	300	6.6	15,598	6.6
Cooks, institution and cafeteria .....	10.07	3.3	384	3.6	17,811	3.6
Cooks, restaurant .....	9.61	1.8	373	2.1	19,388	2.1
Cooks, short order .....	8.39	4.2	335	4.2	17,441	4.2
Food preparation workers .....	8.54	7.4	326	8.4	16,278	8.4
Food service, tipped .....	4.15	5.1	153	5.5	7,882	5.5
Bartenders .....	6.02	7.0	219	8.9	10,920	8.9
Waiters and waitresses .....	3.26	6.7	119	6.5	6,191	6.5
Dining room and cafeteria attendants and bartender helpers .....	6.75	13.0	259	13.6	13,306	13.6
Fast food and counter workers .....	8.34	2.7	310	2.7	15,328	2.7
Combined food preparation and serving workers, including fast food .....	8.38	2.7	310	2.7	15,239	2.7
Counter attendants, cafeteria, food concession, and coffee shop .....	8.14	5.6	311	5.2	15,918	5.2
Food servers, nonrestaurant .....	8.23	9.1	317	8.2	16,505	8.2
Dishwashers .....	7.80	2.1	300	3.0	15,586	3.0
Hosts and hostesses, restaurant, lounge, and coffee shop .....	7.19	14.8	262	14.3	13,628	14.3
<b>Building and grounds cleaning and maintenance occupations .....</b>						
First-line supervisors/managers, building and grounds cleaning and maintenance workers .....	9.56	1.6	373	1.8	19,148	1.8
First-line supervisors/managers of housekeeping and janitorial workers ...	14.23	6.8	564	7.4	29,352	7.4
First-line supervisors/managers of landscaping, lawn service, and groundskeeping workers .....	13.69	7.9	537	8.3	27,902	8.3
Building cleaning workers .....	15.88	9.8	655	11.3	34,039	11.3
Janitors and cleaners, except maids and housekeeping cleaners .....	9.09	1.7	353	1.7	18,069	1.7
Maids and housekeeping cleaners .....	9.48	3.1	374	2.9	19,257	2.9
Grounds maintenance workers .....	8.08	3.0	301	4.8	15,313	4.8
Landscaping and groundskeeping workers	9.68	7.0	384	6.9	19,879	6.9
Landscaping and groundskeeping workers	9.54	7.3	379	7.1	19,629	7.1
<b>Personal care and service occupations .....</b>						
First-line supervisors/managers of personal service workers .....	11.49	5.4	423	4.4	21,650	4.4
Nonfarm animal caretakers .....	14.15	4.9	558	7.8	29,030	7.8
Nonfarm animal caretakers .....	11.16	10.5	446	10.5	23,211	10.5

See footnotes at end of table.



RSE Table 11

Full-time<sup>1</sup> civilian workers: Relative standard errors of mean hourly, weekly, and annual earnings — Continued

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>Personal care and service occupations</b>						
–Continued						
Gaming services workers .....	\$8.60	7.6%	\$293	10.7%	\$15,254	10.7%
Miscellaneous entertainment attendants and related workers .....	9.72	19.3	373	19.6	19,384	19.6
Amusement and recreation attendants .....	9.59	21.2	367	21.5	19,062	21.5
Barbers and cosmetologists .....	10.70	5.9	394	8.1	20,511	8.1
Hairdressers, hairstylists, and cosmetologists .....	10.91	7.2	410	9.5	21,340	9.5
Baggage porters, bellhops, and concierges ....	6.73	6.1	254	8.7	13,193	8.7
Baggage porters and bellhops .....	6.73	6.1	254	8.7	13,193	8.7
Transportation attendants .....	34.10	15.5	713	2.6	36,850	2.6
Child care workers .....	8.82	4.8	345	4.6	17,695	4.6
Personal and home care aides .....	10.51	17.1	400	19.8	20,819	19.8
Recreation and fitness workers .....	14.05	7.3	540	8.6	23,963	8.6
Recreation workers .....	14.13	7.9	542	9.2	23,844	9.2
<b>Sales and related occupations</b> .....	18.04	2.8	726	3.1	37,661	3.1
First-line supervisors/managers, sales workers .....	20.78	6.0	862	6.5	44,842	6.5
First-line supervisors/managers of retail sales workers .....	17.20	4.0	706	4.6	36,713	4.6
First-line supervisors/managers of non-retail sales workers .....	30.58	14.2	1,311	14.0	68,147	14.0
Retail sales workers .....	11.27	4.1	448	4.6	23,163	4.6
Cashiers, all workers .....	8.98	3.5	351	3.4	17,987	3.4
Cashiers .....	8.99	3.5	352	3.4	18,031	3.4
Counter and rental clerks and parts salespersons .....	12.49	7.5	499	8.6	25,945	8.6
Counter and rental clerks .....	10.26	9.6	406	11.5	21,120	11.5
Parts salespersons .....	14.75	12.5	595	12.6	30,929	12.6
Retail salespersons .....	12.44	6.4	498	7.6	25,905	7.6
Advertising sales agents .....	29.71	11.7	1,126	10.2	58,578	10.2
Insurance sales agents .....	22.82	15.6	933	15.7	48,512	15.7
Securities, commodities, and financial services sales agents .....	34.36	24.8	1,405	24.8	73,082	24.8
Sales representatives, wholesale and manufacturing .....	31.12	7.5	1,270	7.2	66,036	7.2
Sales representatives, wholesale and manufacturing, technical and scientific products .....	37.78	8.3	1,535	8.5	79,797	8.5
Sales representatives, wholesale and manufacturing, except technical and scientific products .....	27.99	11.3	1,145	11.5	59,528	11.5

See footnotes at end of table.

RSE Table 11

Full-time<sup>1</sup> civilian workers: Relative standard errors of mean hourly, weekly, and annual earnings — Continued

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>Sales and related occupations –Continued</b>						
Models, demonstrators, and product promoters .....	\$12.22	7.6%	\$489	7.6%	\$25,412	7.6%
Demonstrators and product promoters .....	12.22	7.6	489	7.6	25,412	7.6
Real estate brokers and sales agents .....	21.90	18.4	891	19.0	46,354	19.0
Real estate sales agents .....	21.90	18.4	891	19.0	46,354	19.0
Telemarketers .....	10.46	9.1	417	8.9	21,665	8.9
Miscellaneous sales and related workers .....	13.67	16.5	547	16.5	28,434	16.5
<b>Office and administrative support occupations .....</b>						
First-line supervisors/managers of office and administrative support workers .....	14.78	1.1	587	1.1	30,321	1.1
Switchboard operators, including answering service .....	22.95	4.8	918	4.8	47,752	4.8
Financial clerks .....	10.45	8.1	405	8.9	21,055	8.9
Bill and account collectors .....	14.58	1.9	579	2.0	30,116	2.0
Billing and posting clerks and machine operators .....	15.25	8.4	609	8.4	31,647	8.4
Bookkeeping, accounting, and auditing clerks .....	14.02	4.5	556	4.7	28,901	4.7
Payroll and timekeeping clerks .....	15.38	1.8	610	1.7	31,682	1.7
Procurement clerks .....	14.63	5.8	568	6.5	29,546	6.5
Tellers .....	17.10	9.5	684	9.5	35,565	9.5
Court, municipal, and license clerks .....	11.53	2.1	461	2.1	23,990	2.1
Credit authorizers, checkers, and clerks .....	14.57	10.8	571	11.3	29,690	11.3
Customer service representatives .....	15.36	7.0	614	7.0	31,945	7.0
Eligibility interviewers, government programs .....	14.44	4.4	574	4.3	29,800	4.3
File clerks .....	13.22	12.7	512	12.6	25,390	12.6
Hotel, motel, and resort desk clerks .....	12.42	6.5	495	6.8	25,715	6.8
Interviewers, except eligibility and loan .....	8.45	4.7	327	4.3	16,998	4.3
Library assistants, clerical .....	12.46	5.6	498	5.6	25,911	5.6
Loan interviewers and clerks .....	12.58	6.1	483	6.5	23,627	6.5
New accounts clerks .....	15.06	5.3	601	5.4	31,257	5.4
Order clerks .....	11.73	6.9	468	7.0	24,343	7.0
Human resources assistants, except payroll and timekeeping .....	12.46	13.1	493	13.0	25,629	13.0
Receptionists and information clerks .....	16.92	6.9	674	7.1	35,003	7.1
Reservation and transportation ticket agents and travel clerks .....	11.81	2.2	466	2.2	24,169	2.2
Cargo and freight agents .....	15.38	12.8	615	12.8	31,994	12.8
Couriers and messengers .....	18.85	6.5	779	5.8	40,495	5.8
Dispatchers .....	11.10	7.7	429	6.2	22,314	6.2
	15.61	6.1	634	6.4	32,950	6.4

See footnotes at end of table.

RSE Table 11

**Full-time<sup>1</sup> civilian workers: Relative standard errors  
of mean hourly, weekly, and annual earnings — Continued**

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>Office and administrative support occupations</b> –Continued						
Police, fire, and ambulance dispatchers .....	\$15.22	5.5%	\$617	5.9%	\$32,101	5.9%
Dispatchers, except police, fire, and ambulance .....	15.75	8.0	639	7.8	33,237	7.8
Meter readers, utilities .....	11.53	14.4	461	14.4	23,992	14.4
Production, planning, and expediting clerks .....	16.51	5.2	659	5.3	34,266	5.3
Shipping, receiving, and traffic clerks .....	12.22	4.4	486	4.2	25,297	4.2
Stock clerks and order fillers .....	11.86	3.3	476	4.1	24,528	4.1
Secretaries and administrative assistants .....	17.27	3.2	682	3.1	34,842	3.1
Executive secretaries and administrative assistants .....	20.04	2.3	798	2.3	41,225	2.3
Legal secretaries .....	15.26	4.5	604	4.8	31,427	4.8
Medical secretaries .....	14.15	14.9	562	14.5	29,203	14.5
Secretaries, except legal, medical, and executive .....	15.78	4.1	616	4.1	30,632	4.1
Computer operators .....	16.96	5.3	678	5.3	35,239	5.3
Data entry and information processing workers .....	12.04	3.8	480	3.8	24,942	3.8
Data entry keyers .....	11.84	3.2	472	3.2	24,515	3.2
Desktop publishers .....	17.78	9.6	690	7.7	35,894	7.7
Insurance claims and policy processing clerks .....	16.01	8.5	631	8.6	32,820	8.6
Mail clerks and mail machine operators, except postal service .....	12.33	7.4	486	6.9	25,280	6.9
Office clerks, general .....	12.77	2.5	506	2.4	25,926	2.4
<b>Farming, fishing, and forestry occupations</b> ..	12.29	13.0	492	13.0	23,193	13.0
<b>Construction and extraction occupations</b> .....	17.18	4.3	694	4.6	36,010	4.6
First-line supervisors/managers of construction trades and extraction workers .....	26.74	11.4	1,133	13.8	58,917	13.8
Carpenters .....	15.20	5.2	608	5.2	31,468	5.2
Carpet, floor, and tile installers and finishers .....	16.48	4.3	640	6.6	33,291	6.6
Tile and marble setters .....	16.60	4.3	650	5.8	33,794	5.8
Cement masons, concrete finishers, and terrazzo workers .....	13.11	7.2	524	7.2	26,920	7.2
Cement masons and concrete finishers .....	13.11	7.2	524	7.2	26,920	7.2
Construction laborers .....	11.26	4.2	450	4.2	23,344	4.2
Construction equipment operators .....	14.64	4.1	585	4.1	30,443	4.1
Paving, surfacing, and tamping equipment operators .....	12.21	8.6	488	8.6	25,400	8.6

See footnotes at end of table.

RSE Table 11

**Full-time<sup>1</sup> civilian workers: Relative standard errors  
of mean hourly, weekly, and annual earnings — Continued**

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>Construction and extraction occupations</b>						
–Continued						
Operating engineers and other construction equipment operators .....	\$15.24	3.2%	\$610	3.2%	\$31,704	3.2%
Electricians .....	17.75	6.5	710	6.5	36,913	6.5
Insulation workers .....	17.79	11.1	712	11.1	37,010	11.1
Insulation workers, mechanical .....	19.85	1.9	794	1.9	41,288	1.9
Painters and paperhangers .....	15.10	7.5	604	7.5	31,417	7.5
Painters, construction and maintenance ....	15.10	7.5	604	7.5	31,417	7.5
Pipelayers, plumbers, pipefitters, and steamfitters .....	17.72	4.3	709	4.3	36,865	4.3
Pipelayers .....	11.87	4.9	475	4.9	24,683	4.9
Plumbers, pipefitters, and steamfitters .....	18.48	4.9	739	4.9	38,441	4.9
Reinforcing iron and rebar workers .....	15.41	9.6	616	9.6	31,108	9.6
Roofers .....	16.14	3.2	646	3.2	33,407	3.2
Sheet metal workers .....	15.72	7.6	629	7.6	32,698	7.6
Helpers, construction trades .....	12.04	4.0	481	4.0	24,939	4.0
Helpers--brickmasons, blockmasons, stonemasons, and tile and marble setters .....	10.12	3.2	403	2.8	20,627	2.8
Helpers--electricians .....	11.27	1.1	451	1.1	23,437	1.1
Helpers--pipelayers, plumbers, pipefitters, and steamfitters .....	14.57	9.9	583	9.9	30,304	9.9
Construction and building inspectors .....	28.09	21.8	1,124	21.8	58,430	21.8
Highway maintenance workers .....	14.90	20.3	596	20.3	30,999	20.3
Miscellaneous construction and related workers .....	14.25	13.3	570	13.3	29,641	13.3
Derrick, rotary drill, and service unit operators, oil, gas, and mining .....	23.73	20.6	949	20.6	49,352	20.6
Roustabouts, oil and gas .....	20.50	4.2	820	4.2	42,639	4.2
<b>Installation, maintenance, and repair occupations</b> .....						
First-line supervisors/managers of mechanics, installers, and repairers .....	19.01	1.8	765	1.8	39,593	1.8
Computer, automated teller, and office machine repairers .....	26.44	3.7	1,102	4.3	57,280	4.3
Radio and telecommunications equipment installers and repairers .....	14.80	9.9	592	9.9	30,791	9.9
Telecommunications equipment installers and repairers, except line installers ....	23.63	11.0	945	11.0	49,154	11.0
Miscellaneous electrical and electronic equipment mechanics, installers, and repairers .....	23.64	11.0	946	11.0	49,180	11.0
Miscellaneous electrical and electronic equipment mechanics, installers, and repairers .....	20.16	7.2	812	7.4	42,236	7.4

See footnotes at end of table.

RSE Table 11

**Full-time<sup>1</sup> civilian workers: Relative standard errors  
of mean hourly, weekly, and annual earnings — Continued**

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>Installation, maintenance, and repair occupations</b> –Continued						
Electrical and electronics repairers, commercial and industrial equipment	\$19.91	7.3%	\$796	7.3%	\$41,406	7.3%
Electrical and electronics repairers, powerhouse, substation, and relay .....	26.40	1.5	1,056	1.5	54,918	1.5
Aircraft mechanics and service technicians ..	28.32	5.3	1,183	8.5	59,126	8.5
Automotive technicians and repairers .....	17.53	5.9	714	5.7	37,117	5.7
Automotive body and related repairers .....	18.13	19.6	746	21.7	38,809	21.7
Automotive service technicians and mechanics .....	17.39	5.4	706	5.6	36,725	5.6
Bus and truck mechanics and diesel engine specialists .....	17.16	4.6	686	4.6	35,689	4.6
Heavy vehicle and mobile equipment service technicians and mechanics .....	19.53	7.1	781	7.1	40,614	7.1
Mobile heavy equipment mechanics, except engines .....	19.39	5.2	776	5.2	40,337	5.2
Rail car repairers .....	22.00	14.9	880	14.9	45,756	14.9
Small engine mechanics .....	18.03	21.0	716	19.9	37,219	19.9
Control and valve installers and repairers .....	18.70	10.1	748	10.1	38,900	10.1
Control and valve installers and repairers, except mechanical door .....	18.70	10.1	748	10.1	38,900	10.1
Heating, air conditioning, and refrigeration mechanics and installers .....	17.09	11.1	684	11.1	35,562	11.1
Industrial machinery installation, repair, and maintenance workers .....	17.28	3.4	690	3.4	35,704	3.4
Industrial machinery mechanics .....	21.13	5.1	845	5.1	43,370	5.1
Maintenance and repair workers, general ..	14.77	3.8	591	3.8	30,630	3.8
Maintenance workers, machinery .....	16.36	8.0	648	7.6	33,677	7.6
Line installers and repairers .....	24.63	4.3	985	4.3	51,223	4.3
Electrical power-line installers and repairers .....	26.39	4.5	1,056	4.5	54,895	4.5
Telecommunications line installers and repairers .....	23.39	6.1	935	6.1	48,645	6.1
Miscellaneous installation, maintenance, and repair workers .....	16.14	5.6	645	5.5	33,052	5.5
Helpers--installation, maintenance, and repair workers .....	12.27	3.8	491	3.8	24,529	3.8
<b>Production occupations</b> .....	14.30	2.9	569	2.9	29,570	2.9
First-line supervisors/managers of production and operating workers .....	23.48	6.5	943	6.3	48,904	6.3
Aircraft structure, surfaces, rigging, and systems assemblers .....	20.98	9.4	839	9.4	43,631	9.4

See footnotes at end of table.

RSE Table 11

Full-time<sup>1</sup> civilian workers: Relative standard errors of mean hourly, weekly, and annual earnings — Continued

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 –Continued</b>						
Electrical, electronics, and electromechanical assemblers .....	\$11.01	5.0%	\$439	5.0%	\$22,840	5.0%
Electrical and electronic equipment assemblers .....	11.16	5.8	445	5.8	23,137	5.8
Engine and other machine assemblers .....	12.44	4.6	497	4.6	25,865	4.6
Structural metal fabricators and fitters .....	19.91	8.0	796	8.0	41,409	8.0
Miscellaneous assemblers and fabricators .....	11.34	5.1	451	5.1	23,477	5.1
Team assemblers .....	9.96	9.8	399	9.8	20,725	9.8
Bakers .....	11.27	15.6	448	15.7	23,041	15.7
Butchers and other meat, poultry, and fish processing workers .....	11.58	7.3	460	7.4	23,901	7.4
Butchers and meat cutters .....	15.57	2.4	596	4.5	30,990	4.5
Miscellaneous food processing workers .....	11.50	12.1	458	12.2	23,796	12.2
Computer control programmers and operators .....	14.89	18.7	595	18.7	30,964	18.7
Computer-controlled machine tool operators, metal and plastic .....	14.89	18.7	595	18.7	30,964	18.7
Forming machine setters, operators, and tenders, metal and plastic .....	12.80	15.4	501	16.0	26,071	16.0
Machine tool cutting setters, operators, and tenders, metal and plastic .....	12.99	8.8	520	8.8	27,021	8.8
Cutting, punching, and press machine setters, operators, and tenders, metal and plastic .....	11.30	4.8	452	4.8	23,498	4.8
Lathe and turning machine tool setters, operators, and tenders, metal and plastic .....	17.82	15.4	713	15.4	37,067	15.4
Machinists .....	18.05	6.1	723	5.9	37,576	5.9
Molders and molding machine setters, operators, and tenders, metal and plastic .....	9.84	9.9	379	11.7	19,718	11.7
Molding, coremaking, and casting machine setters, operators, and tenders, metal and plastic .....	9.84	9.9	379	11.7	19,718	11.7
Multiple machine tool setters, operators, and tenders, metal and plastic .....	12.39	3.9	495	3.9	25,764	3.9
Welding, soldering, and brazing workers .....	15.19	5.9	608	5.9	31,601	5.9
Welders, cutters, solderers, and brazers .....	15.31	6.0	613	6.0	31,852	6.0
Miscellaneous metalworkers and plastic workers .....	14.02	11.1	558	11.3	29,013	11.3
Bookbinders and bindery workers .....	15.50	6.5	620	6.5	32,234	6.5
Bindery workers .....	15.50	6.5	620	6.5	32,234	6.5
Printers .....	16.54	6.0	659	6.1	34,245	6.1
Prepress technicians and workers .....	17.79	9.1	706	9.2	36,708	9.2

See footnotes at end of table.

RSE Table 11

**Full-time<sup>1</sup> civilian workers: Relative standard errors  
of mean hourly, weekly, and annual earnings — Continued**

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 –Continued</b>						
Printing machine operators .....	\$16.24	6.5%	\$647	6.5%	\$33,651	6.5%
Laundry and dry-cleaning workers .....	9.16	2.9	358	3.7	18,594	3.7
Pressers, textile, garment, and related materials .....	7.97	6.1	313	6.6	16,288	6.6
Sewing machine operators .....	8.53	12.9	341	12.9	17,740	12.9
Miscellaneous textile, apparel, and furnishings workers .....	11.64	20.3	460	18.5	23,926	18.5
Woodworking machine setters, operators, and tenders .....	12.44	8.7	479	9.9	24,886	9.9
Power plant operators, distributors, and dispatchers .....	31.50	14.3	1,260	14.3	65,528	14.3
Water and liquid waste treatment plant and system operators .....	18.63	14.6	745	14.6	38,748	14.6
Miscellaneous plant and system operators ....	29.31	4.4	1,174	4.4	59,408	4.4
Chemical plant and system operators .....	31.10	2.7	1,244	2.7	64,679	2.7
Petroleum pump system operators, refinery operators, and gaugers .....	28.52	6.3	1,143	6.3	56,902	6.3
Crushing, grinding, polishing, mixing, and blending workers .....	15.48	10.2	619	10.2	32,188	10.2
Grinding and polishing workers, hand .....	11.67	14.3	467	14.3	24,274	14.3
Mixing and blending machine setters, operators, and tenders .....	16.91	15.2	676	15.2	35,171	15.2
Inspectors, testers, sorters, samplers, and weighers .....	15.44	7.4	617	7.4	32,088	7.4
Packaging and filling machine operators and tenders .....	12.49	5.8	500	5.8	25,981	5.8
Painting workers .....	14.15	7.8	566	7.8	29,441	7.8
Painters, transportation equipment .....	16.71	13.8	668	13.8	34,754	13.8
Miscellaneous production workers .....	11.57	6.4	457	6.2	23,753	6.2
Molders, shapers, and casters, except metal and plastic .....	10.06	11.1	378	14.2	19,674	14.2
Helpers--production workers .....	10.52	5.5	415	6.3	21,598	6.3
<b>Transportation and material moving occupations .....</b>	14.73	6.6	604	7.7	30,921	7.7
First-line supervisors/managers of helpers, laborers, and material movers, hand .....	16.44	7.6	660	7.7	34,315	7.7
First-line supervisors/managers of transportation and material-moving machine and vehicle operators .....	27.17	11.5	1,145	10.6	59,545	10.6
Bus drivers .....	15.53	4.6	530	6.3	21,558	6.3
Bus drivers, transit and intercity .....	17.48	7.0	699	7.0	36,354	7.0
Bus drivers, school .....	14.53	6.1	461	7.4	17,198	7.4

See footnotes at end of table.

RSE Table 11

Full-time<sup>1</sup> civilian workers: Relative standard errors of mean hourly, weekly, and annual earnings — Continued

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>Transportation and material moving occupations –Continued</b>						
Driver/sales workers and truck drivers .....	\$15.84	3.5%	\$690	5.4%	\$35,834	5.4%
Driver/sales workers .....	14.53	12.6	591	12.9	30,718	12.9
Truck drivers, heavy and tractor-trailer .....	16.72	5.9	758	8.5	39,397	8.5
Truck drivers, light or delivery services .....	14.28	9.6	584	8.2	30,201	8.2
Taxi drivers and chauffeurs .....	9.46	8.4	369	7.4	19,194	7.4
Sailors and marine oilers .....	12.76	4.1	587	10.0	29,573	10.0
Ship and boat captains and operators .....	25.24	13.7	1,366	21.1	64,202	21.1
Captains, mates, and pilots of water vessels .....	25.24	13.7	1,366	21.1	64,202	21.1
Crane and tower operators .....	17.48	9.6	699	9.6	36,354	9.6
Dredge, excavating, and loading machine operators .....	13.40	5.0	536	5.0	27,882	5.0
Excavating and loading machine and dragline operators .....	13.40	5.0	536	5.0	27,882	5.0
Industrial truck and tractor operators .....	12.00	9.1	480	9.0	24,968	9.0
Laborers and material movers, hand .....	10.75	2.2	425	2.3	21,763	2.3
Cleaners of vehicles and equipment .....	10.66	3.7	426	3.7	22,165	3.7
Laborers and freight, stock, and material movers, hand .....	11.10	2.7	438	2.9	22,207	2.9
Machine feeders and offbearers .....	11.10	9.5	444	9.5	23,089	9.5
Packers and packagers, hand .....	9.43	5.4	370	5.9	19,233	5.9
Refuse and recyclable material collectors .....	12.33	3.4	493	3.4	25,644	3.4

<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.

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

<sup>3</sup> 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.

<sup>4</sup> 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.

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

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

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

SOURCE: Bureau of Labor Statistics, National Compensation Survey.



RSE Table 12

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

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>All workers</b> .....	\$19.51	1.4%	\$779	1.6%	\$40,362	1.6%
<b>Management occupations</b> .....	45.51	3.6	1,875	3.2	97,371	3.2
Chief executives .....	106.07	37.9	4,409	38.3	229,255	38.3
General and operations managers .....	54.71	9.9	2,343	9.9	121,829	9.9
Advertising and promotions managers .....	46.86	16.3	1,938	15.6	100,764	15.6
Marketing and sales managers .....	50.56	8.6	2,083	8.3	108,334	8.3
Marketing managers .....	51.82	6.7	2,071	6.7	107,703	6.7
Sales managers .....	49.03	15.8	2,099	15.5	109,159	15.5
Administrative services managers .....	31.76	13.2	1,326	13.2	68,964	13.2
Computer and information systems managers .....	58.80	10.5	2,352	10.5	122,295	10.5
Financial managers .....	56.09	4.8	2,267	4.6	117,894	4.6
Human resources managers .....	41.49	8.6	1,666	8.5	86,656	8.5
Compensation and benefits managers .....	34.34	6.2	1,375	6.2	71,478	6.2
Industrial production managers .....	39.89	5.8	1,661	4.9	86,350	4.9
Purchasing managers .....	42.66	15.2	1,706	15.2	88,737	15.2
Transportation, storage, and distribution managers .....	33.78	10.1	1,365	9.7	70,958	9.7
Construction managers .....	33.95	4.7	1,416	4.6	72,635	4.6
Education administrators .....	26.80	19.2	1,047	18.0	53,713	18.0
Education administrators, preschool and child care center/program .....	16.25	10.9	650	10.9	33,794	10.9
Education administrators, postsecondary ..	35.46	7.4	1,294	9.0	64,842	9.0
Engineering managers .....	58.18	8.1	2,355	7.9	122,474	7.9
Food service managers .....	23.50	5.9	1,048	5.4	54,473	5.4
Medical and health services managers .....	31.31	8.8	1,314	10.2	68,340	10.2
Property, real estate, and community association managers .....	21.89	11.1	876	11.1	45,565	11.1
<b>Business and financial operations occupations</b> .....	30.17	1.8	1,214	1.8	63,131	1.8
Buyers and purchasing agents .....	27.69	5.5	1,133	5.2	58,908	5.2
Wholesale and retail buyers, except farm products .....	30.47	11.2	1,219	11.2	63,385	11.2
Purchasing agents, except wholesale, retail, and farm products .....	26.50	5.3	1,065	5.0	55,398	5.0
Claims adjusters, appraisers, examiners, and investigators .....	26.81	4.2	1,058	4.8	54,995	4.8
Claims adjusters, examiners, and investigators .....	25.10	2.8	989	3.0	51,425	3.0
Compliance officers, except agriculture, construction, health and safety, and transportation .....	32.97	20.9	1,319	20.9	68,585	20.9
Cost estimators .....	31.39	4.5	1,274	4.8	66,249	4.8

See footnotes at end of table.

RSE Table 12

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

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>Business and financial operations occupations –Continued</b>						
Human resources, training, and labor relations specialists .....	\$26.66	7.0%	\$1,066	5.6%	\$55,434	5.6%
Employment, recruitment, and placement specialists .....	24.89	7.2	950	8.8	49,401	8.8
Compensation, benefits, and job analysis specialists .....	20.78	5.3	875	6.6	45,497	6.6
Training and development specialists .....	32.74	23.2	1,304	23.2	67,786	23.2
Logisticians .....	35.39	7.9	1,416	7.9	73,616	7.9
Management analysts .....	35.30	10.8	1,426	11.2	74,133	11.2
Accountants and auditors .....	29.88	3.2	1,203	3.1	62,563	3.1
Credit analysts .....	24.37	8.0	975	8.0	50,685	8.0
Financial analysts and advisors .....	30.97	10.9	1,239	10.9	64,424	10.9
Financial analysts .....	34.11	18.8	1,364	18.8	70,949	18.8
Personal financial advisors .....	24.02	9.4	961	9.4	49,965	9.4
Loan counselors and officers .....	30.04	9.6	1,199	9.4	62,372	9.4
Loan officers .....	30.04	9.6	1,199	9.4	62,372	9.4
<b>Computer and mathematical science occupations .....</b>						
Computer programmers .....	37.42	5.5	1,502	5.5	78,090	5.5
Computer software engineers .....	35.43	10.7	1,425	10.8	74,087	10.8
Computer software engineers, applications .....	41.38	5.7	1,658	5.6	86,226	5.6
Computer software engineers, systems software .....	39.26	8.6	1,576	8.6	81,975	8.6
Computer support specialists .....	43.35	4.7	1,734	4.7	90,160	4.7
Computer systems analysts .....	26.04	11.1	1,043	11.1	54,246	11.1
Database administrators .....	43.51	7.8	1,744	7.8	90,701	7.8
Network and computer systems administrators .....	32.46	20.5	1,298	20.5	67,514	20.5
administrators .....	26.25	8.3	1,064	8.9	55,304	8.9
Network systems and data communications analysts .....	33.51	4.1	1,340	4.1	69,705	4.1
<b>Architecture and engineering occupations ....</b>						
Architects, except naval .....	33.79	7.9	1,362	7.8	70,824	7.8
Architects, except landscape and naval .....	27.08	10.4	1,126	10.3	58,526	10.3
Architects, except landscape and naval .....	28.00	15.0	1,120	15.0	58,234	15.0
Engineers .....	41.72	2.1	1,686	2.1	87,650	2.1
Aerospace engineers .....	37.08	11.6	1,483	11.6	77,117	11.6
Chemical engineers .....	53.13	6.5	2,125	6.5	110,508	6.5
Civil engineers .....	34.71	10.0	1,464	9.8	76,106	9.8
Computer hardware engineers .....	45.45	7.2	1,852	6.2	96,296	6.2
Electrical and electronics engineers .....	41.06	6.5	1,665	5.6	86,566	5.6
Electrical engineers .....	45.31	14.2	1,865	13.3	96,980	13.3

See footnotes at end of table.

RSE Table 12

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

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>Architecture and engineering occupations</b>						
–Continued						
Electronics engineers, except computer	\$37.19	5.8%	\$1,487	5.8%	\$77,348	5.8%
Industrial engineers, including health and safety .....	39.42	7.4	1,577	7.4	81,989	7.4
Industrial engineers .....	39.04	8.4	1,562	8.4	81,209	8.4
Mechanical engineers .....	33.45	5.3	1,338	5.3	69,574	5.3
Petroleum engineers .....	56.44	18.2	2,258	18.2	117,392	18.2
Drafters .....	27.80	7.6	1,113	7.6	57,707	7.6
Architectural and civil drafters .....	24.90	13.9	996	13.9	51,783	13.9
Mechanical drafters .....	23.03	7.0	921	7.0	47,908	7.0
Engineering technicians, except drafters .....	22.44	16.9	897	16.9	46,668	16.9
Electrical and electronic engineering technicians .....	24.39	5.2	976	5.2	50,741	5.2
Mechanical engineering technicians .....	24.31	4.9	972	4.9	50,570	4.9
Surveying and mapping technicians .....	24.25	42.8	970	42.8	50,445	42.8
<b>Life, physical, and social science occupations</b>	38.96	8.2	1,569	7.9	81,596	7.9
Physical scientists .....	55.29	8.6	2,258	6.8	117,392	6.8
Environmental scientists and geoscientists	58.07	11.9	2,379	9.4	123,699	9.4
Geoscientists, except hydrologists and geographers .....	59.48	6.3	2,451	4.4	127,448	4.4
Market and survey researchers .....	37.29	7.3	1,492	7.3	77,561	7.3
Market research analysts .....	37.29	7.3	1,492	7.3	77,561	7.3
Chemical technicians .....	25.20	12.0	1,028	13.3	53,432	13.3
<b>Community and social services occupations</b>	15.44	8.7	617	8.7	32,056	8.7
Educational, vocational, and school counselors .....	20.61	11.0	818	10.6	41,636	10.6
Social workers .....	19.97	8.1	804	8.1	41,805	8.1
Child, family, and school social workers ..	15.65	8.9	626	8.9	32,543	8.9
Medical and public health social workers	22.34	5.0	894	5.0	46,467	5.0
Miscellaneous community and social service specialists .....	11.60	5.9	461	6.1	23,979	6.1
Social and human service assistants .....	11.25	8.0	447	8.1	23,236	8.1
<b>Legal occupations</b> .....	29.22	24.6	1,196	26.1	62,207	26.1
Lawyers .....	58.66	13.7	2,517	15.1	130,887	15.1
Miscellaneous legal support workers .....	20.36	6.5	840	6.7	43,685	6.7
Title examiners, abstractors, and searchers	21.18	6.5	885	5.7	45,998	5.7
<b>Education, training, and library occupations</b>	28.82	18.9	1,139	19.0	51,129	19.0
Postsecondary teachers .....	51.19	22.4	2,013	22.5	90,008	22.5
Health teachers, postsecondary .....	75.66	34.0	2,967	34.1	142,137	34.1

See footnotes at end of table.

RSE Table 12

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

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>Education, training, and library occupations</b> –Continued						
Arts, communications, and humanities teachers, postsecondary .....	\$35.96	2.6%	\$1,358	3.4%	\$51,935	3.4%
Art, drama, and music teachers, postsecondary .....	38.78	6.3	1,555	8.0	57,977	8.0
Miscellaneous postsecondary teachers .....	34.44	14.2	1,366	13.7	64,381	13.7
Primary, secondary, and special education school teachers .....	21.11	13.1	842	13.4	35,202	13.4
Elementary and middle school teachers ....	25.76	10.0	1,028	10.4	37,926	10.4
Middle school teachers, except special and vocational education .....	26.37	9.5	1,070	7.7	39,320	7.7
Secondary school teachers .....	23.96	8.8	952	8.6	38,593	8.6
Secondary school teachers, except special and vocational education .....	26.57	7.8	1,054	7.3	39,769	7.3
Other teachers and instructors .....	16.92	10.7	651	9.1	29,933	9.1
Teacher assistants .....	9.74	12.0	385	12.4	18,878	12.4
<b>Arts, design, entertainment, sports, and media occupations</b> .....	23.27	9.2	923	9.9	47,444	9.9
Artists and related workers .....	35.95	14.7	1,479	14.5	76,894	14.5
Designers .....	20.40	10.0	818	10.1	42,544	10.1
Graphic designers .....	21.48	12.9	859	12.9	44,664	12.9
Writers and editors .....	19.35	7.5	770	7.5	40,045	7.5
Editors .....	19.57	7.2	778	6.9	40,448	6.9
<b>Healthcare practitioner and technical occupations</b> .....	28.21	7.7	1,117	8.1	58,068	8.1
Pharmacists .....	53.14	1.2	2,129	1.0	110,699	1.0
Physicians and surgeons .....	96.44	6.7	4,426	13.8	230,177	13.8
Registered nurses .....	28.73	3.6	1,128	3.8	58,645	3.8
Therapists .....	35.62	6.7	1,406	7.0	73,097	7.0
Occupational therapists .....	35.60	3.0	1,369	4.5	71,194	4.5
Physical therapists .....	39.68	10.0	1,574	10.4	81,847	10.4
Respiratory therapists .....	24.10	2.2	950	3.4	49,385	3.4
Clinical laboratory technologists and technicians .....	17.63	11.6	697	11.3	36,262	11.3
Medical and clinical laboratory technologists .....	24.78	4.5	981	4.2	51,005	4.2
Medical and clinical laboratory technicians .....	13.55	5.9	536	5.4	27,867	5.4
Diagnostic related technologists and technicians .....	25.37	9.8	1,012	9.8	52,644	9.8

See footnotes at end of table.

RSE Table 12

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

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>Healthcare practitioner and technical occupations –Continued</b>						
Cardiovascular technologists and technicians .....	\$20.08	11.9%	\$803	11.9%	\$41,773	11.9%
Radiologic technologists and technicians ..	23.52	5.9	938	5.9	48,754	5.9
Emergency medical technicians and paramedics .....	11.45	17.3	446	12.9	23,213	12.9
Health diagnosing and treating practitioner support technicians .....	16.95	4.0	670	4.1	34,814	4.1
Pharmacy technicians .....	14.76	8.3	577	8.6	30,015	8.6
Surgical technologists .....	18.27	4.2	722	4.4	37,523	4.4
Licensed practical and licensed vocational nurses .....	18.82	2.3	740	2.7	38,489	2.7
Medical records and health information technicians .....	17.37	18.1	687	18.7	35,727	18.7
Miscellaneous health technologists and technicians .....	15.49	12.5	618	12.4	32,152	12.4
Occupational health and safety specialists and technicians .....	27.98	20.2	1,119	20.2	58,204	20.2
Occupational health and safety specialists	27.98	20.2	1,119	20.2	58,204	20.2
<b>Healthcare support occupations</b> .....	11.73	6.5	445	6.5	23,157	6.5
Nursing, psychiatric, and home health aides	9.53	3.4	361	5.3	18,770	5.3
Home health aides .....	7.90	10.0	272	18.0	14,138	18.0
Nursing aides, orderlies, and attendants ....	9.95	2.0	387	2.2	20,122	2.2
Psychiatric aides .....	9.71	4.2	372	5.1	19,362	5.1
Physical therapist assistants and aides .....	24.22	18.2	896	14.0	46,579	14.0
Miscellaneous healthcare support occupations .....	13.11	4.6	503	3.7	26,137	3.7
Dental assistants .....	17.04	4.9	585	6.2	30,414	6.2
Medical assistants .....	11.64	2.1	465	2.2	24,182	2.2
<b>Protective service occupations</b> .....	11.18	6.4	446	6.4	22,479	6.4
Security guards and gaming surveillance officers .....	10.85	7.5	433	7.5	22,507	7.5
Security guards .....	10.85	7.5	433	7.5	22,507	7.5
<b>Food preparation and serving related occupations</b> .....	7.61	3.5	290	4.0	15,000	4.0
First-line supervisors/managers, food preparation and serving workers .....	14.56	5.0	621	5.2	32,287	5.2
First-line supervisors/managers of food preparation and serving workers .....	14.56	5.0	621	5.2	32,287	5.2
Cooks .....	9.29	1.9	358	2.7	18,493	2.7

See footnotes at end of table.

RSE Table 12

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

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>Food preparation and serving related occupations –Continued</b>						
Cooks, fast food .....	\$8.19	3.1%	\$300	6.6%	\$15,598	6.6%
Cooks, institution and cafeteria .....	10.18	5.3	398	5.1	20,040	5.1
Cooks, restaurant .....	9.61	1.8	373	2.1	19,388	2.1
Cooks, short order .....	8.35	4.4	334	4.4	17,377	4.4
Food preparation workers .....	8.40	8.1	323	9.4	16,786	9.4
Food service, tipped .....	4.14	5.1	152	5.5	7,866	5.5
Bartenders .....	6.00	7.2	219	9.2	10,918	9.2
Waiters and waitresses .....	3.25	6.6	119	6.5	6,174	6.5
Dining room and cafeteria attendants and bartender helpers .....	6.75	13.1	259	13.7	13,318	13.7
Fast food and counter workers .....	8.14	3.1	308	3.1	16,005	3.1
Combined food preparation and serving workers, including fast food .....	8.15	3.0	307	3.1	15,986	3.1
Counter attendants, cafeteria, food concession, and coffee shop .....	8.08	6.0	310	5.4	16,108	5.4
Food servers, nonrestaurant .....	7.71	9.5	296	8.0	15,368	8.0
Dishwashers .....	7.85	2.0	304	2.7	15,807	2.7
Hosts and hostesses, restaurant, lounge, and coffee shop .....	7.19	14.8	262	14.3	13,628	14.3
<b>Building and grounds cleaning and maintenance occupations</b>						
First-line supervisors/managers, building and grounds cleaning and maintenance workers .....	8.97	2.5	346	2.7	17,849	2.7
First-line supervisors/managers of housekeeping and janitorial workers ...	11.99	7.1	473	8.6	24,615	8.6
Building cleaning workers .....	11.26	6.6	436	7.8	22,675	7.8
Janitors and cleaners, except maids and housekeeping cleaners .....	8.80	2.6	338	2.7	17,373	2.7
Maids and housekeeping cleaners .....	9.21	5.0	362	4.7	18,806	4.7
Grounds maintenance workers .....	8.03	3.1	298	5.0	15,148	5.0
Landscaping and groundskeeping workers	8.62	5.7	341	5.6	17,654	5.6
Personal care and service occupations	8.39	4.3	332	4.2	17,181	4.2
First-line supervisors/managers of personal service workers .....	11.42	5.6	419	4.3	21,556	4.3
Nonfarm animal caretakers .....	14.15	4.9	558	7.8	29,030	7.8
Miscellaneous entertainment attendants and related workers .....	11.17	10.6	447	10.6	23,233	10.6
Barbers and cosmetologists .....	7.68	6.3	301	6.7	15,626	6.7
	10.70	5.9	394	8.1	20,511	8.1

See footnotes at end of table.

RSE Table 12

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

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>Personal care and service occupations</b>						
–Continued						
Hairdressers, hairstylists, and cosmetologists .....	\$10.91	7.2%	\$410	9.5%	\$21,340	9.5%
Baggage porters, bellhops, and concierges ....	6.73	6.1	254	8.7	13,193	8.7
Baggage porters and bellhops .....	6.73	6.1	254	8.7	13,193	8.7
Transportation attendants .....	35.82	15.2	725	2.5	37,690	2.5
Child care workers .....	8.60	5.2	337	5.1	17,492	5.1
Recreation and fitness workers .....	13.63	8.3	507	11.4	20,260	11.4
Recreation workers .....	13.74	9.4	507	12.6	19,768	12.6
<b>Sales and related occupations</b> .....	18.10	2.8	729	3.2	37,810	3.2
First-line supervisors/managers, sales workers .....	20.86	6.1	867	6.6	45,062	6.6
First-line supervisors/managers of retail sales workers .....	17.20	4.1	706	4.8	36,726	4.8
First-line supervisors/managers of non-retail sales workers .....	30.58	14.2	1,311	14.0	68,147	14.0
Retail sales workers .....	11.27	4.2	448	4.6	23,166	4.6
Cashiers, all workers .....	8.83	3.3	345	3.2	17,698	3.2
Cashiers .....	8.83	3.3	345	3.2	17,698	3.2
Counter and rental clerks and parts salespersons .....	12.49	7.5	499	8.6	25,945	8.6
Counter and rental clerks .....	10.26	9.6	406	11.5	21,120	11.5
Parts salespersons .....	14.75	12.5	595	12.6	30,929	12.6
Retail salespersons .....	12.44	6.4	498	7.6	25,904	7.6
Advertising sales agents .....	29.71	11.7	1,126	10.2	58,578	10.2
Insurance sales agents .....	22.82	15.6	933	15.7	48,512	15.7
Securities, commodities, and financial services sales agents .....	34.36	24.8	1,405	24.8	73,082	24.8
Sales representatives, wholesale and manufacturing .....	31.12	7.5	1,270	7.2	66,036	7.2
Sales representatives, wholesale and manufacturing, technical and scientific products .....	37.78	8.3	1,535	8.5	79,797	8.5
Sales representatives, wholesale and manufacturing, except technical and scientific products .....	27.99	11.3	1,145	11.5	59,528	11.5
Models, demonstrators, and product promoters .....	12.22	7.6	489	7.6	25,412	7.6
Demonstrators and product promoters .....	12.22	7.6	489	7.6	25,412	7.6
Real estate brokers and sales agents .....	21.64	20.1	882	20.8	45,866	20.8
Real estate sales agents .....	21.64	20.1	882	20.8	45,866	20.8
Telemarketers .....	10.46	9.1	417	8.9	21,665	8.9

See footnotes at end of table.

RSE Table 12

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

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>Sales and related occupations –Continued</b>						
Miscellaneous sales and related workers .....	\$13.67	16.5%	\$547	16.5%	\$28,434	16.5%
<b>Office and administrative support occupations</b>						
First-line supervisors/managers of office and administrative support workers .....	14.81	1.3	588	1.3	30,564	1.3
Switchboard operators, including answering service .....	23.18	5.1	927	5.1	48,226	5.1
Financial clerks .....	10.45	8.1	405	8.9	21,055	8.9
Bill and account collectors .....	14.53	2.0	577	2.2	30,019	2.2
Billing and posting clerks and machine operators .....	15.31	8.6	611	8.6	31,778	8.6
Bookkeeping, accounting, and auditing clerks .....	14.02	4.5	556	4.7	28,901	4.7
Payroll and timekeeping clerks .....	15.37	1.9	609	1.8	31,665	1.8
Procurement clerks .....	14.20	7.1	547	8.0	28,436	8.0
Tellers .....	17.35	9.9	694	9.9	36,090	9.9
Credit authorizers, checkers, and clerks .....	11.53	2.1	461	2.1	23,990	2.1
Customer service representatives .....	15.36	7.0	614	7.0	31,945	7.0
File clerks .....	14.43	4.6	573	4.5	29,756	4.5
Hotel, motel, and resort desk clerks .....	12.27	7.6	488	7.8	25,385	7.8
Interviewers, except eligibility and loan .....	8.45	4.7	327	4.3	16,998	4.3
Loan interviewers and clerks .....	12.89	7.1	516	7.1	26,821	7.1
New accounts clerks .....	14.98	5.3	598	5.4	31,074	5.4
Order clerks .....	11.73	6.9	468	7.0	24,343	7.0
Human resources assistants, except payroll and timekeeping .....	12.46	13.1	493	13.0	25,629	13.0
Receptionists and information clerks .....	17.43	7.3	693	7.5	36,061	7.5
Reservation and transportation ticket agents and travel clerks .....	11.79	2.2	467	2.2	24,222	2.2
Cargo and freight agents .....	15.38	12.8	615	12.8	31,994	12.8
Couriers and messengers .....	18.85	6.5	779	5.8	40,495	5.8
Dispatchers .....	11.18	8.0	431	6.5	22,421	6.5
Dispatchers, except police, fire, and ambulance .....	15.55	7.9	631	8.3	32,813	8.3
Production, planning, and expediting clerks .....	15.72	8.2	639	8.0	33,202	8.0
Shipping, receiving, and traffic clerks .....	16.64	5.4	664	5.5	34,536	5.5
Stock clerks and order fillers .....	12.19	4.8	485	4.6	25,223	4.6
Secretaries and administrative assistants .....	11.80	3.2	473	4.1	24,404	4.1
Executive secretaries and administrative assistants .....	17.93	4.5	709	4.4	36,823	4.4
Legal secretaries .....	20.92	3.5	835	3.4	43,370	3.4
Medical secretaries .....	15.24	5.4	602	5.8	31,302	5.8
	14.28	17.4	566	17.0	29,456	17.0

See footnotes at end of table.



RSE Table 12

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

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>Office and administrative support occupations –Continued</b>						
Secretaries, except legal, medical, and executive .....	\$16.96	5.4%	\$659	5.6%	\$34,261	5.6%
Computer operators .....	17.39	5.5	695	5.5	36,125	5.5
Data entry and information processing workers .....	12.01	3.9	480	3.9	24,942	3.9
Data entry keyers .....	11.75	3.2	469	3.2	24,396	3.2
Desktop publishers .....	17.78	9.6	690	7.7	35,894	7.7
Insurance claims and policy processing clerks .....	16.02	8.6	631	8.7	32,831	8.7
Mail clerks and mail machine operators, except postal service .....	11.87	8.1	471	7.8	24,502	7.8
Office clerks, general .....	12.61	3.2	499	3.0	25,945	3.0
<b>Farming, fishing, and forestry occupations ..</b>	<b>12.29</b>	<b>13.0</b>	<b>492</b>	<b>13.0</b>	<b>23,193</b>	<b>13.0</b>
<b>Construction and extraction occupations .....</b>	<b>17.35</b>	<b>4.6</b>	<b>702</b>	<b>4.9</b>	<b>36,402</b>	<b>4.9</b>
First-line supervisors/managers of construction trades and extraction workers .....	27.28	11.7	1,160	14.4	60,324	14.4
Carpenters .....	15.26	6.0	610	6.0	31,583	6.0
Carpet, floor, and tile installers and finishers	16.48	4.3	640	6.6	33,291	6.6
Tile and marble setters .....	16.60	4.3	650	5.8	33,794	5.8
Cement masons, concrete finishers, and terrazzo workers .....	13.11	7.2	524	7.2	26,920	7.2
Cement masons and concrete finishers .....	13.11	7.2	524	7.2	26,920	7.2
Construction laborers .....	11.25	4.3	450	4.3	23,356	4.3
Construction equipment operators .....	15.05	4.8	602	4.8	31,299	4.8
Operating engineers and other construction equipment operators .....	15.80	3.7	632	3.7	32,866	3.7
Electricians .....	17.75	6.6	710	6.6	36,928	6.6
Insulation workers .....	17.79	11.1	712	11.1	37,010	11.1
Insulation workers, mechanical .....	19.85	1.9	794	1.9	41,288	1.9
Painters and paperhangers .....	14.89	8.1	596	8.1	30,967	8.1
Painters, construction and maintenance ....	14.89	8.1	596	8.1	30,967	8.1
Pipelayers, plumbers, pipefitters, and steamfitters .....	18.31	4.9	732	4.9	38,086	4.9
Plumbers, pipefitters, and steamfitters .....	18.89	5.3	755	5.3	39,284	5.3
Reinforcing iron and rebar workers .....	15.41	9.6	616	9.6	31,108	9.6
Sheet metal workers .....	15.72	7.6	629	7.6	32,698	7.6
Helpers, construction trades .....	12.05	4.0	482	4.0	24,972	4.0

See footnotes at end of table.

RSE Table 12

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

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>Construction and extraction occupations</b>						
–Continued						
Helpers--brickmasons, blockmasons, stonemasons, and tile and marble setters .....	\$10.12	3.2%	\$403	2.8%	\$20,627	2.8%
Helpers--pipelayers, plumbers, pipefitters, and steamfitters .....	14.70	9.9	588	9.9	30,570	9.9
Miscellaneous construction and related workers .....	14.25	13.3	570	13.3	29,641	13.3
Derrick, rotary drill, and service unit operators, oil, gas, and mining .....	23.73	20.6	949	20.6	49,352	20.6
Roustabouts, oil and gas .....	20.50	4.2	820	4.2	42,639	4.2
<b>Installation, maintenance, and repair occupations</b> .....	19.31	2.0	778	2.0	40,256	2.0
First-line supervisors/managers of mechanics, installers, and repairers .....	27.03	4.0	1,132	4.6	58,883	4.6
Computer, automated teller, and office machine repairers .....	14.83	10.4	593	10.4	30,855	10.4
Radio and telecommunications equipment installers and repairers .....	23.63	11.0	945	11.0	49,154	11.0
Telecommunications equipment installers and repairers, except line installers .....	23.64	11.0	946	11.0	49,180	11.0
Miscellaneous electrical and electronic equipment mechanics, installers, and repairers .....	20.14	7.3	811	7.5	42,186	7.5
Electrical and electronics repairers, commercial and industrial equipment .....	19.84	7.6	794	7.6	41,275	7.6
Electrical and electronics repairers, powerhouse, substation, and relay .....	26.40	1.5	1,056	1.5	54,918	1.5
Aircraft mechanics and service technicians ..	28.32	5.3	1,183	8.5	59,126	8.5
Automotive technicians and repairers .....	17.61	6.1	717	6.0	37,309	6.0
Automotive body and related repairers .....	18.13	19.6	746	21.7	38,809	21.7
Automotive service technicians and mechanics .....	17.48	5.7	710	5.9	36,940	5.9
Bus and truck mechanics and diesel engine specialists .....	17.06	4.8	682	4.8	35,476	4.8
Heavy vehicle and mobile equipment service technicians and mechanics .....	19.92	7.3	797	7.3	41,427	7.3
Mobile heavy equipment mechanics, except engines .....	20.05	4.9	802	4.9	41,711	4.9
Rail car repairers .....	22.00	14.9	880	14.9	45,756	14.9
Heating, air conditioning, and refrigeration mechanics and installers .....	16.72	12.6	670	12.5	34,817	12.5

See footnotes at end of table.

RSE Table 12

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

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>Installation, maintenance, and repair occupations –Continued</b>						
Industrial machinery installation, repair, and maintenance workers .....	\$17.81	3.8%	\$711	3.8%	\$36,802	3.8%
Industrial machinery mechanics .....	21.04	5.7	842	5.7	43,127	5.7
Maintenance and repair workers, general ..	15.17	5.0	607	5.0	31,557	5.0
Maintenance workers, machinery .....	16.36	8.0	648	7.6	33,677	7.6
Line installers and repairers .....	24.86	4.3	995	4.3	51,714	4.3
Electrical power-line installers and repairers .....	27.21	5.0	1,088	5.0	56,601	5.0
Telecommunications line installers and repairers .....	23.39	6.1	935	6.1	48,645	6.1
Miscellaneous installation, maintenance, and repair workers .....	16.32	6.0	652	5.9	33,391	5.9
Helpers--installation, maintenance, and repair workers .....	12.29	3.9	492	3.9	24,507	3.9
<b>Production occupations .....</b>	14.26	2.9	568	2.9	29,499	2.9
First-line supervisors/managers of production and operating workers .....	23.41	6.6	940	6.4	48,752	6.4
Aircraft structure, surfaces, rigging, and systems assemblers .....	20.98	9.4	839	9.4	43,631	9.4
Electrical, electronics, and electromechanical assemblers .....	11.01	5.0	439	5.0	22,840	5.0
Electrical and electronic equipment assemblers .....	11.16	5.8	445	5.8	23,137	5.8
Engine and other machine assemblers .....	12.44	4.6	497	4.6	25,865	4.6
Structural metal fabricators and fitters .....	19.91	8.0	796	8.0	41,409	8.0
Miscellaneous assemblers and fabricators .....	11.34	5.1	451	5.1	23,477	5.1
Team assemblers .....	9.96	9.8	399	9.8	20,725	9.8
Bakers .....	11.23	16.1	449	16.1	23,363	16.1
Butchers and other meat, poultry, and fish processing workers .....	11.58	7.3	460	7.4	23,901	7.4
Butchers and meat cutters .....	15.57	2.4	596	4.5	30,990	4.5
Miscellaneous food processing workers .....	11.50	12.1	458	12.2	23,796	12.2
Computer control programmers and operators .....	14.89	18.7	595	18.7	30,964	18.7
Computer-controlled machine tool operators, metal and plastic .....	14.89	18.7	595	18.7	30,964	18.7
Forming machine setters, operators, and tenders, metal and plastic .....	12.80	15.4	501	16.0	26,071	16.0
Machine tool cutting setters, operators, and tenders, metal and plastic .....	12.99	8.8	520	8.8	27,021	8.8

See footnotes at end of table.

RSE Table 12

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

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 –Continued</b>						
Cutting, punching, and press machine setters, operators, and tenders, metal and plastic .....	\$11.30	4.8%	\$452	4.8%	\$23,498	4.8%
Lathe and turning machine tool setters, operators, and tenders, metal and plastic .....	17.82	15.4	713	15.4	37,067	15.4
Machinists .....	18.05	6.1	723	5.9	37,576	5.9
Molders and molding machine setters, operators, and tenders, metal and plastic Molding, coremaking, and casting machine setters, operators, and tenders, metal and plastic .....	9.84	9.9	379	11.7	19,718	11.7
Multiple machine tool setters, operators, and tenders, metal and plastic .....	12.39	3.9	495	3.9	25,764	3.9
Welding, soldering, and brazing workers .....	15.14	6.0	606	6.0	31,492	6.0
Welders, cutters, solderers, and brazers ....	15.26	6.1	610	6.1	31,739	6.1
Miscellaneous metalworkers and plastic workers .....	14.02	11.1	558	11.3	29,013	11.3
Bookbinders and bindery workers .....	15.50	6.5	620	6.5	32,234	6.5
Bindery workers .....	15.50	6.5	620	6.5	32,234	6.5
Printers .....	16.58	6.1	660	6.2	34,333	6.2
Prepress technicians and workers .....	17.79	9.1	706	9.2	36,708	9.2
Printing machine operators .....	16.30	6.7	650	6.7	33,783	6.7
Laundry and dry-cleaning workers .....	9.16	2.9	358	3.7	18,594	3.7
Pressers, textile, garment, and related materials .....	7.97	6.1	313	6.6	16,288	6.6
Sewing machine operators .....	8.53	12.9	341	12.9	17,740	12.9
Miscellaneous textile, apparel, and furnishings workers .....	11.64	20.3	460	18.5	23,926	18.5
Woodworking machine setters, operators, and tenders .....	12.44	8.7	479	9.9	24,886	9.9
Power plant operators, distributors, and dispatchers .....	34.52	15.5	1,381	15.5	71,807	15.5
Miscellaneous plant and system operators ....	29.31	4.4	1,174	4.4	59,408	4.4
Chemical plant and system operators .....	31.10	2.7	1,244	2.7	64,679	2.7
Petroleum pump system operators, refinery operators, and gaugers .....	28.52	6.3	1,143	6.3	56,902	6.3
Crushing, grinding, polishing, mixing, and blending workers .....	15.48	10.2	619	10.2	32,188	10.2
Grinding and polishing workers, hand .....	11.67	14.3	467	14.3	24,274	14.3
Mixing and blending machine setters, operators, and tenders .....	16.91	15.2	676	15.2	35,171	15.2

See footnotes at end of table.

RSE Table 12

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

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 –Continued</b>						
Inspectors, testers, sorters, samplers, and weighers .....	\$15.44	7.4%	\$617	7.4%	\$32,088	7.4%
Packaging and filling machine operators and tenders .....	12.49	5.8	500	5.8	25,981	5.8
Painting workers .....	13.84	7.3	553	7.3	28,781	7.3
Painters, transportation equipment .....	16.23	14.2	649	14.2	33,755	14.2
Miscellaneous production workers .....	11.58	6.4	457	6.3	23,778	6.3
Molders, shapers, and casters, except metal and plastic .....	10.06	11.1	378	14.2	19,674	14.2
Helpers--production workers .....	10.55	5.5	416	6.3	21,644	6.3
<b>Transportation and material moving occupations .....</b>						
First-line supervisors/managers of helpers, laborers, and material movers, hand .....	14.77	6.8	609	7.9	31,402	7.9
First-line supervisors/managers of transportation and material-moving machine and vehicle operators .....	16.28	7.7	654	7.8	33,993	7.8
Driver/sales workers and truck drivers .....	27.17	11.5	1,145	10.6	59,545	10.6
Driver/sales workers .....	15.87	3.5	692	5.4	35,936	5.4
Truck drivers, heavy and tractor-trailer .....	14.53	12.6	591	12.9	30,718	12.9
Truck drivers, light or delivery services .....	16.76	5.9	761	8.5	39,548	8.5
Taxi drivers and chauffeurs .....	14.30	9.7	585	8.3	30,241	8.3
Sailors and marine oilers .....	9.27	8.5	361	7.4	18,794	7.4
Ship and boat captains and operators .....	12.76	4.1	587	10.0	29,573	10.0
Captains, mates, and pilots of water vessels .....	25.24	13.7	1,366	21.1	64,202	21.1
Crane and tower operators .....	25.24	13.7	1,366	21.1	64,202	21.1
Dredge, excavating, and loading machine operators .....	17.48	9.6	699	9.6	36,354	9.6
Excavating and loading machine and dragline operators .....	13.48	5.2	539	5.2	28,048	5.2
Industrial truck and tractor operators .....	13.48	5.2	539	5.2	28,048	5.2
Laborers and material movers, hand .....	12.00	9.1	480	9.0	24,968	9.0
Cleaners of vehicles and equipment .....	10.75	2.2	425	2.3	21,773	2.3
Laborers and freight, stock, and material movers, hand .....	10.64	3.8	426	3.8	22,133	3.8
	11.12	2.8	439	3.0	22,243	3.0

See footnotes at end of table.

**RSE Table 12**

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

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>Transportation and material moving occupations</b> –Continued						
Machine feeders and offbearers .....	\$11.10	9.5%	\$444	9.5%	\$23,089	9.5%
Packers and packagers, hand .....	9.43	5.4	370	5.9	19,233	5.9

<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.

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

<sup>3</sup> 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.

<sup>4</sup> 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.

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

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

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

SOURCE: Bureau of Labor Statistics, National Compensation Survey.

**RSE Table 13 Full-time<sup>1</sup> State and local government workers: Relative standard errors of mean hourly, weekly, and annual earnings**

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>All workers</b> .....	\$21.89	1.4%	\$865	1.6%	\$39,627	1.6%
<b>Management occupations</b> .....	37.21	5.5	1,476	5.8	72,810	5.8
General and operations managers .....	29.51	8.0	1,190	8.6	61,554	8.6
Public relations managers .....	33.38	13.3	1,332	13.6	68,956	13.6
Administrative services managers .....	32.18	5.9	1,287	5.9	65,033	5.9
Financial managers .....	39.14	7.7	1,607	7.4	82,468	7.4
Education administrators .....	43.18	10.5	1,705	11.0	79,644	11.0
Education administrators, elementary and secondary school .....	40.99	3.6	1,613	4.6	72,816	4.6
Education administrators, postsecondary ..	67.60	26.6	2,686	26.2	139,655	26.2
Medical and health services managers .....	29.23	9.3	1,169	9.3	60,788	9.3
<b>Business and financial operations occupations</b> .....	21.62	5.1	862	5.1	44,775	5.1
Compliance officers, except agriculture, construction, health and safety, and transportation .....	19.85	7.2	794	7.2	41,290	7.2
Human resources, training, and labor relations specialists .....	20.69	5.5	827	5.5	43,026	5.5
Training and development specialists .....	22.81	9.5	912	9.5	47,445	9.5
Management analysts .....	22.18	4.6	887	4.6	46,139	4.6
Accountants and auditors .....	23.94	4.9	958	4.9	49,730	4.9
<b>Computer and mathematical science occupations</b> .....	27.63	7.2	1,102	7.3	55,211	7.3
Computer support specialists .....	18.21	4.3	724	4.6	36,059	4.6
Computer systems analysts .....	31.10	10.2	1,244	10.2	64,679	10.2
Network and computer systems administrators .....	30.02	7.3	1,189	7.5	58,069	7.5
<b>Architecture and engineering occupations</b> ....	21.72	10.3	858	10.6	44,613	10.6
Engineers .....	34.59	10.4	1,384	10.4	71,956	10.4
Engineering technicians, except drafters .....	16.90	7.7	661	8.1	34,378	8.1
Civil engineering technicians .....	16.66	9.2	667	9.2	34,661	9.2
<b>Life, physical, and social science occupations</b>	25.00	5.4	997	5.6	49,137	5.6
Life scientists .....	24.83	7.8	1,001	7.9	52,060	7.9
Biological scientists .....	26.34	8.1	1,059	7.7	55,094	7.7
Medical scientists .....	23.22	11.2	929	11.2	48,289	11.2
Physical scientists .....	28.50	3.4	1,140	3.4	54,972	3.4
Environmental scientists and geoscientists	27.97	4.1	1,119	4.1	58,186	4.1
Environmental scientists and specialists, including health .....	27.11	4.8	1,084	4.8	56,386	4.8
Psychologists .....	37.17	3.2	1,473	2.6	61,489	2.6

See footnotes at end of table.

**RSE Table 13 Full-time<sup>1</sup> State and local government workers: Relative standard errors of mean hourly, weekly, and annual earnings — Continued**

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>Life, physical, and social science occupations</b>						
–Continued						
Clinical, counseling, and school psychologists .....	\$37.17	3.2%	\$1,473	2.6%	\$61,489	2.6%
Miscellaneous life, physical, and social science technicians .....	14.89	15.4	580	16.9	30,174	16.9
<b>Community and social services occupations</b>	22.11	3.2	878	3.0	42,444	3.0
Counselors .....	29.08	4.8	1,144	4.4	50,098	4.4
Educational, vocational, and school counselors .....	30.68	5.1	1,206	4.6	51,636	4.6
Social workers .....	17.61	3.9	704	3.8	36,406	3.8
Child, family, and school social workers ..	17.43	5.4	696	5.2	35,802	5.2
Medical and public health social workers	17.46	3.8	699	3.8	36,326	3.8
Mental health and substance abuse social workers .....	17.44	6.2	698	6.2	36,276	6.2
Miscellaneous community and social service specialists .....	17.89	5.5	714	5.5	37,116	5.5
Probation officers and correctional treatment specialists .....	19.38	3.7	775	3.7	40,309	3.7
Social and human service assistants .....	15.09	13.7	599	13.5	31,147	13.5
<b>Legal occupations</b> .....	33.36	7.5	1,343	6.6	69,860	6.6
Lawyers .....	33.20	6.5	1,355	6.3	70,440	6.3
Miscellaneous legal support workers .....	27.68	25.1	1,087	25.1	56,531	25.1
<b>Education, training, and library occupations</b>	29.20	2.4	1,136	2.4	43,071	2.4
Postsecondary teachers .....	44.70	5.8	1,759	6.2	72,212	6.2
Physical sciences teachers, postsecondary	54.52	15.8	2,131	17.2	76,081	17.2
Health teachers, postsecondary .....	43.51	12.6	1,713	13.3	81,408	13.3
Health specialties teachers, postsecondary .....	50.67	10.7	2,035	10.3	99,284	10.3
Nursing instructors and teachers, postsecondary .....	27.59	3.4	1,040	5.0	46,897	5.0
Arts, communications, and humanities teachers, postsecondary .....	36.11	9.1	1,404	8.6	53,428	8.6
Miscellaneous postsecondary teachers .....	48.59	7.4	1,928	7.6	76,830	7.6
Vocational education teachers, postsecondary .....	29.41	6.0	1,131	7.0	55,703	7.0
Primary, secondary, and special education school teachers .....	31.16	.8	1,205	.7	44,553	.7
Preschool and kindergarten teachers .....	27.81	7.3	1,073	6.8	41,758	6.8
Preschool teachers, except special education .....	23.52	12.4	914	11.4	37,284	11.4

See footnotes at end of table.



**RSE Table 13 Full-time<sup>1</sup> State and local government workers: Relative standard errors of mean hourly, weekly, and annual earnings — Continued**

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>Education, training, and library occupations</b>						
–Continued						
Kindergarten teachers, except special education .....	\$32.08	2.7%	\$1,228	2.7%	\$45,762	2.7%
Elementary and middle school teachers ....	30.98	.4	1,200	.4	44,106	.4
Elementary school teachers, except special education .....	31.13	.9	1,209	.8	44,254	.8
Middle school teachers, except special and vocational education .....	30.49	2.2	1,173	3.0	43,586	3.0
Secondary school teachers .....	31.91	1.0	1,234	1.2	45,383	1.2
Secondary school teachers, except special and vocational education .....	31.80	1.1	1,230	1.3	45,117	1.3
Vocational education teachers, secondary school .....	33.66	3.0	1,301	2.6	49,649	2.6
Special education teachers .....	32.32	2.4	1,246	1.7	46,504	1.7
Special education teachers, preschool, kindergarten, and elementary school .....	31.55	2.0	1,223	1.8	45,677	1.8
Special education teachers, middle school .....	33.43	5.3	1,281	3.1	47,748	3.1
Special education teachers, secondary school .....	32.81	5.0	1,255	5.3	46,893	5.3
Other teachers and instructors .....	31.01	5.6	1,178	5.7	42,710	5.7
Adult literacy, remedial education, and GED teachers and instructors .....	29.95	6.4	1,084	3.5	41,420	3.5
Librarians .....	30.41	4.9	1,182	4.1	49,891	4.1
Library technicians .....	12.93	7.1	512	7.4	24,001	7.4
Instructional coordinators .....	32.51	5.1	1,290	5.1	54,824	5.1
Teacher assistants .....	12.12	2.2	468	1.9	17,461	1.9
<b>Arts, design, entertainment, sports, and media occupations</b> .....	22.68	13.4	910	13.4	45,722	13.4
<b>Healthcare practitioner and technical occupations</b> .....	24.68	4.2	972	4.1	48,801	4.1
Physicians and surgeons .....	45.52	24.6	1,821	24.6	94,686	24.6
Registered nurses .....	30.59	3.8	1,194	3.6	60,006	3.6
Therapists .....	31.48	5.6	1,217	5.3	51,427	5.3
Speech-language pathologists .....	32.87	3.6	1,258	4.1	47,618	4.1
Clinical laboratory technologists and technicians .....	18.98	5.6	756	5.5	39,311	5.5
Diagnostic related technologists and technicians .....	24.59	2.9	983	2.9	51,140	2.9
Radiologic technologists and technicians ..	24.03	3.0	961	3.0	49,986	3.0

See footnotes at end of table.

**RSE Table 13 Full-time<sup>1</sup> State and local government workers: Relative standard errors of mean hourly, weekly, and annual earnings — Continued**

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>Healthcare practitioner and technical occupations –Continued</b>						
Emergency medical technicians and paramedics .....	\$13.21	7.9%	\$532	10.2%	\$27,646	10.2%
Health diagnosing and treating practitioner support technicians .....	13.58	4.2	543	4.2	28,255	4.2
Pharmacy technicians .....	13.49	4.2	539	4.2	28,052	4.2
Licensed practical and licensed vocational nurses .....	15.79	2.2	614	3.1	30,673	3.1
Occupational health and safety specialists and technicians .....	19.04	3.0	762	3.0	39,613	3.0
Occupational health and safety specialists	19.47	4.4	779	4.4	40,502	4.4
<b>Healthcare support occupations .....</b>	11.01	2.5	437	2.6	22,228	2.6
Nursing, psychiatric, and home health aides	10.48	2.3	417	2.6	21,162	2.6
Nursing aides, orderlies, and attendants ....	10.45	3.0	414	3.5	21,128	3.5
Psychiatric aides .....	10.29	2.7	412	2.7	21,411	2.7
Miscellaneous healthcare support occupations .....	12.25	3.8	487	3.8	25,307	3.8
<b>Protective service occupations .....</b>	19.79	3.0	838	3.1	43,180	3.1
First-line supervisors/managers, law enforcement workers .....	26.40	7.5	1,065	7.6	55,360	7.6
First-line supervisors/managers of correctional officers .....	19.67	9.8	790	9.7	41,106	9.7
First-line supervisors/managers of police and detectives .....	29.04	7.6	1,173	7.6	60,972	7.6
First-line supervisors/managers of fire fighting and prevention workers .....	24.89	5.8	1,167	8.9	60,659	8.9
Fire fighters .....	19.09	6.0	984	6.3	51,174	6.3
Bailiffs, correctional officers, and jailers .....	15.24	4.4	614	4.2	31,943	4.2
Correctional officers and jailers .....	15.18	3.9	612	3.7	31,821	3.7
Detectives and criminal investigators .....	21.36	7.3	858	7.1	44,622	7.1
Police officers .....	21.84	4.3	874	4.3	45,207	4.3
Police and sheriff's patrol officers .....	21.84	4.3	874	4.3	45,207	4.3
Security guards and gaming surveillance officers .....	12.91	2.6	499	2.1	24,014	2.1
Security guards .....	12.13	5.3	467	8.1	22,213	8.1
<b>Food preparation and serving related occupations .....</b>	10.61	4.4	378	5.2	15,262	5.2
First-line supervisors/managers, food preparation and serving workers .....	15.36	6.6	601	7.1	24,486	7.1

See footnotes at end of table.

**RSE Table 13 Full-time<sup>1</sup> State and local government workers: Relative standard errors of mean hourly, weekly, and annual earnings — Continued**

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>Food preparation and serving related occupations –Continued</b>						
First-line supervisors/managers of food preparation and serving workers .....	\$15.36	6.6%	\$601	7.1%	\$24,486	7.1%
Cooks .....	9.94	3.6	369	5.5	15,618	5.5
Cooks, institution and cafeteria .....	9.94	3.6	368	5.5	15,554	5.5
Food preparation workers .....	9.74	5.2	350	6.3	13,255	6.3
Fast food and counter workers .....	9.86	1.3	325	4.6	12,154	4.6
Combined food preparation and serving workers, including fast food .....	9.85	1.4	325	4.9	12,157	4.9
<b>Building and grounds cleaning and maintenance occupations .....</b>						
First-line supervisors/managers, building and grounds cleaning and maintenance workers .....	17.61	5.6	704	5.6	36,632	5.6
First-line supervisors/managers of housekeeping and janitorial workers ...	17.69	6.4	708	6.4	36,795	6.4
First-line supervisors/managers of landscaping, lawn service, and groundskeeping workers .....	17.41	15.3	697	15.3	36,219	15.3
Building cleaning workers .....	9.87	1.1	394	1.1	19,948	1.1
Janitors and cleaners, except maids and housekeeping cleaners .....	9.89	1.0	394	1.0	19,966	1.0
Grounds maintenance workers .....	11.95	6.6	478	6.6	24,658	6.6
Landscaping and groundskeeping workers	11.98	7.5	479	7.5	24,873	7.5
<b>Personal care and service occupations .....</b>						
Child care workers .....	12.05	5.6	456	7.3	22,410	7.3
Recreation and fitness workers .....	11.03	6.2	436	6.2	19,494	6.2
Recreation workers .....	14.56	13.5	582	13.5	30,275	13.5
Recreation workers .....	14.56	13.5	582	13.5	30,275	13.5
<b>Sales and related occupations .....</b>						
Retail sales workers .....	13.82	7.6	536	6.0	27,775	6.0
Cashiers, all workers .....	11.63	9.3	445	12.9	23,027	12.9
Cashiers .....	11.59	9.9	443	13.7	22,901	13.7
Cashiers .....	12.03	8.9	472	9.4	24,417	9.4
<b>Office and administrative support occupations .....</b>						
First-line supervisors/managers of office and administrative support workers .....	14.55	1.7	576	1.8	28,758	1.8
Financial clerks .....	18.64	6.7	746	6.7	38,792	6.7
Bookkeeping, accounting, and auditing clerks .....	15.31	3.3	611	3.1	31,569	3.1
Bookkeeping, accounting, and auditing clerks .....	15.48	5.1	617	4.9	31,827	4.9

See footnotes at end of table.

**RSE Table 13 Full-time<sup>1</sup> State and local government workers: Relative standard errors of mean hourly, weekly, and annual earnings — Continued**

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>Office and administrative support occupations –Continued</b>						
Court, municipal, and license clerks .....	\$14.57	10.8%	\$571	11.3%	\$29,690	11.3%
Customer service representatives .....	14.88	11.7	595	11.7	30,947	11.7
Eligibility interviewers, government programs .....	13.99	12.2	534	13.0	25,985	13.0
Library assistants, clerical .....	12.53	6.0	486	6.4	24,491	6.4
Receptionists and information clerks .....	12.23	9.5	449	13.0	22,680	13.0
Dispatchers .....	15.81	5.7	642	5.8	33,364	5.8
Police, fire, and ambulance dispatchers ....	15.74	5.2	640	5.5	33,265	5.5
Shipping, receiving, and traffic clerks .....	13.03	8.3	521	8.3	27,112	8.3
Secretaries and administrative assistants .....	15.61	3.0	617	3.1	30,165	3.1
Executive secretaries and administrative assistants .....	17.89	4.1	709	4.3	36,086	4.3
Legal secretaries .....	15.37	6.4	615	6.4	31,975	6.4
Medical secretaries .....	13.10	7.3	524	7.3	27,250	7.3
Secretaries, except legal, medical, and executive .....	13.89	3.3	545	3.5	25,376	3.5
Office clerks, general .....	13.34	2.5	529	2.7	25,865	2.7
<b>Construction and extraction occupations .....</b>	<b>14.94</b>	<b>3.6</b>	<b>598</b>	<b>3.6</b>	<b>30,927</b>	<b>3.6</b>
First-line supervisors/managers of construction trades and extraction workers .....	17.85	7.3	714	7.3	37,129	7.3
Carpenters .....	14.88	10.1	595	10.1	30,842	10.1
Construction laborers .....	11.66	9.3	466	9.3	23,027	9.3
Construction equipment operators .....	13.48	3.1	539	3.1	28,042	3.1
Operating engineers and other construction equipment operators .....	13.74	2.0	549	2.0	28,573	2.0
Pipelayers, plumbers, pipefitters, and steamfitters .....	14.60	4.1	584	4.1	30,361	4.1
Pipelayers .....	12.16	3.0	486	3.0	25,286	3.0
Plumbers, pipefitters, and steamfitters .....	15.64	3.8	626	3.8	32,536	3.8
Construction and building inspectors .....	17.79	7.6	712	7.6	36,998	7.6
Highway maintenance workers .....	16.00	21.4	640	21.4	33,272	21.4
<b>Installation, maintenance, and repair occupations .....</b>	<b>16.29</b>	<b>2.7</b>	<b>652</b>	<b>2.7</b>	<b>33,722</b>	<b>2.7</b>
First-line supervisors/managers of mechanics, installers, and repairers .....	22.06	4.1	882	4.1	45,884	4.1
Industrial machinery installation, repair, and maintenance workers .....	15.21	2.6	609	2.6	31,397	2.6
Industrial machinery mechanics .....	21.87	5.6	875	5.6	45,480	5.6
Maintenance and repair workers, general ..	13.99	4.0	560	4.0	28,823	4.0

See footnotes at end of table.

**RSE Table 13 Full-time<sup>1</sup> State and local government workers: Relative standard errors of mean hourly, weekly, and annual earnings — Continued**

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>Installation, maintenance, and repair occupations –Continued</b>						
Miscellaneous installation, maintenance, and repair workers .....	\$14.41	7.4%	\$576	7.4%	\$29,773	7.4%
<b>Production occupations .....</b>						
Water and liquid waste treatment plant and system operators .....	17.67	11.0	703	11.1	36,059	11.1
	13.82	7.2	553	7.2	28,756	7.2
<b>Transportation and material moving occupations .....</b>						
Bus drivers .....	13.79	2.6	501	2.9	22,239	2.9
Bus drivers, school .....	15.23	4.9	502	6.0	19,561	6.0
Laborers and material movers, hand .....	14.81	6.2	464	7.7	17,075	7.7
	10.61	2.5	418	4.2	21,205	4.2

See footnotes at end of table.

**RSE Table 13 Full-time<sup>1</sup> State and local government workers: Relative standard errors of mean hourly, weekly, and annual earnings — Continued**

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>Transportation and material moving occupations –Continued</b>						
Refuse and recyclable material collectors .....	\$12.41	3.4%	\$497	3.4%	\$25,819	3.4%

<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.

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

<sup>3</sup> 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.

<sup>4</sup> 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.

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

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

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

SOURCE: Bureau of Labor Statistics, National Compensation Survey.

**RSE Table 15**

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

Occupation <sup>1</sup>	Hourly earnings <sup>2</sup>		Weekly earnings <sup>4</sup>		Annual earnings <sup>5</sup>	
	Mean	Relative error <sup>3</sup>	Mean	Relative error <sup>3</sup>	Mean	Relative error <sup>3</sup>
<b>All workers</b> .....	\$17.30	2.2%	\$693	2.6%	\$35,937	2.6%
<b>Management occupations</b> .....	38.17	3.0	1,603	3.5	83,157	3.5
Chief executives .....	84.33	26.0	3,514	27.2	182,724	27.2
General and operations managers .....	44.14	11.0	1,978	11.8	102,868	11.8
Marketing and sales managers .....	48.30	12.0	2,075	11.5	107,893	11.5
Marketing managers .....	46.69	16.9	1,868	16.9	97,110	16.9
Sales managers .....	49.03	17.0	2,181	16.1	113,393	16.1
Financial managers .....	45.44	10.9	1,854	10.2	96,429	10.2
Human resources managers .....	32.06	8.7	1,298	9.3	67,504	9.3
Industrial production managers .....	34.26	6.5	1,384	6.4	71,975	6.4
Transportation, storage, and distribution managers .....	29.91	19.6	1,223	18.8	63,586	18.8
Construction managers .....	31.67	8.0	1,337	8.7	67,768	8.7
Education administrators .....	16.50	10.4	659	10.4	34,076	10.4
Education administrators, preschool and child care center/program .....	16.25	10.9	650	10.9	33,794	10.9
Food service managers .....	23.87	5.9	1,092	7.0	56,809	7.0
Medical and health services managers .....	31.12	9.7	1,316	12.2	68,423	12.2
Property, real estate, and community association managers .....	21.87	15.7	876	15.6	45,529	15.6
<b>Business and financial operations occupations</b> .....	30.20	3.5	1,225	3.5	63,680	3.5
Buyers and purchasing agents .....	28.51	13.4	1,201	11.5	62,430	11.5
Purchasing agents, except wholesale, retail, and farm products .....	22.87	12.8	915	12.8	47,576	12.8
Claims adjusters, appraisers, examiners, and investigators .....	30.62	9.2	1,216	10.3	63,246	10.3
Claims adjusters, examiners, and investigators .....	28.72	4.0	1,139	5.2	59,239	5.2
Cost estimators .....	29.54	6.2	1,181	6.2	61,435	6.2
Human resources, training, and labor relations specialists .....	21.47	2.9	860	5.1	44,702	5.1
Employment, recruitment, and placement specialists .....	21.59	4.8	775	6.9	40,277	6.9
Management analysts .....	48.98	19.6	2,058	18.6	107,036	18.6
Accountants and auditors .....	30.57	4.6	1,244	4.3	64,694	4.3
Financial analysts and advisors .....	39.02	29.7	1,561	29.7	81,161	29.7
Loan counselors and officers .....	32.37	8.6	1,291	8.6	67,144	8.6
Loan officers .....	32.37	8.6	1,291	8.6	67,144	8.6
<b>Computer and mathematical science occupations</b> .....	37.60	13.1	1,517	13.2	78,893	13.2

See footnotes at end of table.

RSE Table 15

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

Occupation <sup>1</sup>	Hourly earnings <sup>2</sup>		Weekly earnings <sup>4</sup>		Annual earnings <sup>5</sup>	
	Mean	Relative error <sup>3</sup>	Mean	Relative error <sup>3</sup>	Mean	Relative error <sup>3</sup>
<b>Computer and mathematical science occupations –Continued</b>						
Computer programmers .....	\$33.00	23.8%	\$1,336	23.6%	\$69,466	23.6%
Computer software engineers .....	42.80	11.3	1,715	11.3	89,166	11.3
Computer software engineers, systems software .....	43.74	7.8	1,749	7.8	90,973	7.8
Computer support specialists .....	25.32	18.4	1,013	18.4	52,663	18.4
Computer systems analysts .....	77.58	14.6	3,185	12.5	165,643	12.5
Network and computer systems administrators .....	26.92	11.8	1,101	13.4	57,229	13.4
Network systems and data communications analysts .....	36.16	8.7	1,446	8.7	75,216	8.7
<b>Architecture and engineering occupations ....</b>	23.73	11.9	966	12.1	50,174	12.1
Architects, except naval .....	24.78	8.9	1,039	10.2	54,032	10.2
Engineers .....	32.93	4.1	1,361	4.1	70,781	4.1
Civil engineers .....	30.24	8.6	1,303	10.5	67,734	10.5
Electrical and electronics engineers .....	30.67	11.3	1,273	8.9	66,176	8.9
Drafters .....	20.27	5.8	811	5.8	41,941	5.8
Architectural and civil drafters .....	20.87	10.8	835	10.8	43,404	10.8
Electrical and electronic engineering technicians .....	24.92	21.9	997	21.9	51,826	21.9
Surveying and mapping technicians .....	13.47	6.3	539	6.3	28,009	6.3
<b>Life, physical, and social science occupations</b>	40.21	12.5	1,622	13.1	84,331	13.1
<b>Community and social services occupations</b>	15.43	3.8	617	4.0	32,106	4.0
Social workers .....	18.50	7.6	747	7.8	38,852	7.8
Miscellaneous community and social service specialists .....	11.35	3.2	450	3.5	23,408	3.5
Social and human service assistants .....	11.15	3.1	442	3.4	22,973	3.4
<b>Legal occupations .....</b>	20.69	13.0	850	14.9	44,182	14.9
Lawyers .....	34.23	5.6	1,514	11.9	78,744	11.9
<b>Education, training, and library occupations</b>	18.04	14.0	716	14.1	32,656	14.1
Postsecondary teachers .....	24.49	13.7	973	13.5	49,898	13.5
Primary, secondary, and special education school teachers .....	21.44	18.6	858	18.6	34,761	18.6
Other teachers and instructors .....	17.47	14.0	662	11.3	29,701	11.3
Teacher assistants .....	10.48	12.9	418	12.9	20,081	12.9

See footnotes at end of table.



RSE Table 15

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

Occupation <sup>1</sup>	Hourly earnings <sup>2</sup>		Weekly earnings <sup>4</sup>		Annual earnings <sup>5</sup>	
	Mean	Relative error <sup>3</sup>	Mean	Relative error <sup>3</sup>	Mean	Relative error <sup>3</sup>
<b>Arts, design, entertainment, sports, and media occupations</b> .....	\$17.93	10.7%	\$714	10.9%	\$37,104	10.9%
Designers .....	17.35	5.7	698	6.1	36,286	6.1
Graphic designers .....	19.24	10.0	770	10.0	40,022	10.0
Writers and editors .....	18.33	6.7	733	6.7	38,129	6.7
<b>Healthcare practitioner and technical occupations</b> .....	30.85	13.6	1,236	14.9	64,277	14.9
Pharmacists .....	52.89	1.5	2,116	1.5	110,019	1.5
Registered nurses .....	27.50	10.6	1,103	9.6	57,377	9.6
Therapists .....	41.66	9.6	1,666	9.6	86,643	9.6
Diagnostic related technologists and technicians .....	28.21	18.5	1,128	18.5	58,677	18.5
Health diagnosing and treating practitioner support technicians .....	18.01	7.6	721	7.6	37,467	7.6
Licensed practical and licensed vocational nurses .....	19.40	4.6	760	4.9	39,496	4.9
<b>Healthcare support occupations</b> .....	13.09	9.0	494	8.0	25,672	8.0
Nursing, psychiatric, and home health aides .....	9.41	2.8	356	3.3	18,523	3.3
Home health aides .....	8.36	12.0	320	11.1	16,625	11.1
Nursing aides, orderlies, and attendants .....	9.63	2.5	366	3.7	19,056	3.7
Miscellaneous healthcare support occupations .....	13.40	4.8	509	3.8	26,461	3.8
Dental assistants .....	17.04	4.9	585	6.2	30,414	6.2
Medical assistants .....	11.82	2.8	472	3.0	24,545	3.0
<b>Protective service occupations</b> .....	10.67	13.0	425	13.0	22,080	13.0
Security guards and gaming surveillance officers .....	10.17	14.8	404	14.8	21,020	14.8
Security guards .....	10.17	14.8	404	14.8	21,020	14.8
<b>Food preparation and serving related occupations</b> .....	7.45	5.4	283	5.9	14,715	5.9
First-line supervisors/managers, food preparation and serving workers .....	13.87	5.3	602	6.3	31,281	6.3
First-line supervisors/managers of food preparation and serving workers .....	13.87	5.3	602	6.3	31,281	6.3
Cooks .....	9.06	1.7	347	2.6	17,934	2.6
Cooks, fast food .....	8.20	3.2	300	6.7	15,587	6.7
Cooks, institution and cafeteria .....	10.31	8.0	396	8.2	19,554	8.2
Cooks, restaurant .....	9.44	2.1	367	2.2	19,058	2.2
Cooks, short order .....	8.35	4.4	334	4.4	17,377	4.4

See footnotes at end of table.

RSE Table 15

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

Occupation <sup>1</sup>	Hourly earnings <sup>2</sup>		Weekly earnings <sup>4</sup>		Annual earnings <sup>5</sup>	
	Mean	Relative error <sup>3</sup>	Mean	Relative error <sup>3</sup>	Mean	Relative error <sup>3</sup>
<b>Food preparation and serving related occupations –Continued</b>						
Food preparation workers .....	\$7.93	10.8%	\$300	12.3%	\$15,604	12.3%
Food service, tipped .....	3.99	5.5	146	5.3	7,616	5.3
Bartenders .....	6.19	7.8	224	11.0	11,671	11.0
Waiters and waitresses .....	3.30	8.7	121	8.0	6,301	8.0
Dining room and cafeteria attendants and bartender helpers .....	6.37	3.9	236	5.3	12,260	5.3
Fast food and counter workers .....	7.84	3.0	297	2.8	15,441	2.8
Combined food preparation and serving workers, including fast food .....	7.79	2.3	295	2.5	15,322	2.5
Counter attendants, cafeteria, food concession, and coffee shop .....	8.10	6.6	309	6.1	16,067	6.1
Dishwashers .....	7.76	2.5	303	2.7	15,749	2.7
Hosts and hostesses, restaurant, lounge, and coffee shop .....	7.34	14.5	276	12.8	14,351	12.8
<b>Building and grounds cleaning and maintenance occupations .....</b>						
Building cleaning workers .....	8.70	3.8	337	4.6	17,531	4.6
Janitors and cleaners, except maids and housekeeping cleaners .....	8.47	5.3	327	6.6	17,007	6.6
Maids and housekeeping cleaners .....	8.58	6.7	338	5.6	17,581	5.6
Grounds maintenance workers .....	7.81	4.4	290	7.5	15,090	7.5
Landscaping and groundskeeping workers .....	8.64	6.2	341	6.1	17,657	6.1
Landscaping and groundskeeping workers .....	8.33	4.3	329	4.2	17,043	4.2
<b>Personal care and service occupations .....</b>						
First-line supervisors/managers of personal service workers .....	9.82	5.2	380	5.1	19,727	5.1
Child care workers .....	14.23	5.8	548	7.1	28,507	7.1
Child care workers .....	8.67	6.3	339	6.0	17,622	6.0
<b>Sales and related occupations .....</b>						
First-line supervisors/managers, sales workers .....	18.22	5.3	742	5.7	38,571	5.7
First-line supervisors/managers of retail sales workers .....	19.62	9.0	831	9.6	43,202	9.6
First-line supervisors/managers of non-retail sales workers .....	16.98	5.2	709	5.6	36,847	5.6
Retail sales workers .....	26.51	23.6	1,167	23.6	60,695	23.6
Cashiers, all workers .....	10.65	6.2	428	7.0	22,254	7.0
Cashiers .....	7.82	3.6	306	3.6	15,935	3.6
Cashiers .....	7.82	3.6	306	3.6	15,935	3.6
Counter and rental clerks and parts salespersons .....	11.38	7.9	454	9.3	23,593	9.3

See footnotes at end of table.

RSE Table 15

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

Occupation <sup>1</sup>	Hourly earnings <sup>2</sup>		Weekly earnings <sup>4</sup>		Annual earnings <sup>5</sup>	
	Mean	Relative error <sup>3</sup>	Mean	Relative error <sup>3</sup>	Mean	Relative error <sup>3</sup>
<b>Sales and related occupations —Continued</b>						
Counter and rental clerks .....	\$9.99	11.3%	\$395	13.1%	\$20,547	13.1%
Parts salespersons .....	12.99	10.2	523	11.2	27,173	11.2
Retail salespersons .....	12.29	10.7	503	12.9	26,180	12.9
Advertising sales agents .....	27.73	22.7	974	14.9	50,649	14.9
Insurance sales agents .....	20.40	7.2	840	8.0	43,700	8.0
Securities, commodities, and financial services sales agents .....	36.67	31.5	1,467	31.5	76,268	31.5
Sales representatives, wholesale and manufacturing .....	27.95	10.9	1,146	11.1	59,572	11.1
Sales representatives, wholesale and manufacturing, technical and scientific products .....	34.97	16.1	1,434	16.8	74,542	16.8
Sales representatives, wholesale and manufacturing, except technical and scientific products .....	25.23	17.0	1,034	17.8	53,776	17.8
Miscellaneous sales and related workers .....	16.53	13.4	661	13.4	34,380	13.4
<b>Office and administrative support occupations .....</b>						
First-line supervisors/managers of office and administrative support workers .....	14.58	2.9	578	2.9	30,017	2.9
Financial clerks .....	13.91	2.7	551	2.9	28,652	2.9
Bill and account collectors .....	15.54	12.6	622	12.6	32,325	12.6
Billing and posting clerks and machine operators .....	13.68	3.5	540	4.0	28,068	4.0
Bookkeeping, accounting, and auditing clerks .....	15.15	3.2	597	3.3	31,020	3.3
Procurement clerks .....	15.15	14.4	606	14.4	31,520	14.4
Tellers .....	11.45	2.1	458	2.1	23,810	2.1
Credit authorizers, checkers, and clerks .....	14.00	13.6	560	13.6	29,128	13.6
Customer service representatives .....	16.13	5.8	635	5.8	32,911	5.8
Hotel, motel, and resort desk clerks .....	8.15	5.7	312	5.8	16,243	5.8
Loan interviewers and clerks .....	15.14	8.0	604	8.0	31,384	8.0
New accounts clerks .....	11.39	7.4	454	7.5	23,631	7.5
Order clerks .....	11.31	7.8	452	7.8	23,529	7.8
Receptionists and information clerks .....	11.85	2.6	469	2.5	24,366	2.5
Cargo and freight agents .....	18.79	6.7	777	6.1	40,411	6.1
Dispatchers .....	14.24	15.7	593	18.4	30,812	18.4
Dispatchers, except police, fire, and ambulance .....	14.45	16.6	603	18.8	31,371	18.8
Production, planning, and expediting clerks .....	14.85	12.5	594	12.5	30,885	12.5
Shipping, receiving, and traffic clerks .....	12.93	8.5	511	8.1	26,573	8.1

See footnotes at end of table.

RSE Table 15

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

Occupation <sup>1</sup>	Hourly earnings <sup>2</sup>		Weekly earnings <sup>4</sup>		Annual earnings <sup>5</sup>	
	Mean	Relative error <sup>3</sup>	Mean	Relative error <sup>3</sup>	Mean	Relative error <sup>3</sup>
<b>Office and administrative support occupations</b> –Continued						
Stock clerks and order fillers .....	\$11.45	4.3%	\$466	5.5%	\$23,849	5.5%
Secretaries and administrative assistants .....	17.29	5.4	679	4.9	35,309	4.9
Executive secretaries and administrative assistants .....	19.98	6.6	795	6.3	41,333	6.3
Legal secretaries .....	14.80	5.9	584	6.3	30,378	6.3
Medical secretaries .....	15.28	19.8	600	18.7	31,201	18.7
Secretaries, except legal, medical, and executive .....	16.40	7.1	632	5.8	32,819	5.8
Data entry and information processing workers .....	12.72	8.5	509	8.5	26,452	8.5
Data entry keyers .....	12.31	7.2	492	7.2	25,602	7.2
Insurance claims and policy processing clerks .....	16.60	13.4	650	13.2	33,784	13.2
Office clerks, general .....	12.52	3.3	494	3.3	25,696	3.3
<b>Construction and extraction occupations</b> .....	16.27	6.8	653	6.9	33,832	6.9
First-line supervisors/managers of construction trades and extraction workers .....	27.28	18.8	1,137	20.9	59,100	20.9
Carpenters .....	16.02	5.6	641	5.6	32,654	5.6
Carpet, floor, and tile installers and finishers .....	16.42	4.4	636	6.7	33,092	6.7
Construction laborers .....	10.80	5.2	432	5.2	22,412	5.2
Construction equipment operators .....	14.02	6.9	561	6.9	29,163	6.9
Operating engineers and other construction equipment operators .....	14.86	6.2	594	6.2	30,900	6.2
Electricians .....	17.15	10.2	686	10.2	35,666	10.2
Insulation workers .....	17.16	11.8	686	11.8	35,692	11.8
Pipelayers, plumbers, pipefitters, and steamfitters .....	16.94	7.9	678	7.9	35,230	7.9
Plumbers, pipefitters, and steamfitters .....	17.58	8.2	703	8.2	36,566	8.2
Helpers, construction trades .....	12.07	5.5	482	5.6	24,934	5.6
Miscellaneous construction and related workers .....	13.82	9.1	553	9.1	28,750	9.1
<b>Installation, maintenance, and repair occupations</b> .....	18.73	2.5	755	2.4	39,028	2.4
First-line supervisors/managers of mechanics, installers, and repairers .....	25.65	4.4	1,085	4.6	56,411	4.6
Computer, automated teller, and office machine repairers .....	14.79	13.0	592	13.0	30,767	13.0

See footnotes at end of table.

**RSE Table 15**

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

Occupation <sup>1</sup>	Hourly earnings <sup>2</sup>		Weekly earnings <sup>4</sup>		Annual earnings <sup>5</sup>	
	Mean	Relative error <sup>3</sup>	Mean	Relative error <sup>3</sup>	Mean	Relative error <sup>3</sup>
<b>Installation, maintenance, and repair occupations –Continued</b>						
Radio and telecommunications equipment installers and repairers .....	\$22.19	10.7%	\$888	10.7%	\$46,152	10.7%
Telecommunications equipment installers and repairers, except line installers .....	22.19	10.7	888	10.7	46,152	10.7
Miscellaneous electrical and electronic equipment mechanics, installers, and repairers .....	19.35	7.7	782	8.4	40,668	8.4
Electrical and electronics repairers, commercial and industrial equipment .....	18.00	8.9	720	8.9	37,441	8.9
Automotive technicians and repairers .....	17.79	6.4	723	6.4	37,571	6.4
Automotive body and related repairers .....	18.90	20.6	780	22.8	40,568	22.8
Automotive service technicians and mechanics .....	17.51	6.1	708	6.3	36,837	6.3
Bus and truck mechanics and diesel engine specialists .....	16.62	7.8	665	7.8	34,561	7.8
Heavy vehicle and mobile equipment service technicians and mechanics .....	18.44	7.7	738	7.7	38,350	7.7
Mobile heavy equipment mechanics, except engines .....	19.68	11.4	787	11.4	40,943	11.4
Heating, air conditioning, and refrigeration mechanics and installers .....	15.20	10.0	610	10.1	31,700	10.1
Industrial machinery installation, repair, and maintenance workers .....	16.94	5.4	677	5.4	34,873	5.4
Industrial machinery mechanics .....	21.51	12.9	860	12.9	42,571	12.9
Maintenance and repair workers, general ..	14.63	6.9	585	6.9	30,424	6.9
Maintenance workers, machinery .....	17.51	6.5	701	6.5	36,430	6.5
Line installers and repairers .....	24.99	5.5	1,000	5.5	51,976	5.5
Electrical power-line installers and repairers .....	28.68	3.9	1,147	3.9	59,644	3.9
Telecommunications line installers and repairers .....	23.66	6.8	946	6.8	49,212	6.8
Miscellaneous installation, maintenance, and repair workers .....	16.58	7.5	662	7.4	33,752	7.4
Helpers--installation, maintenance, and repair workers .....	12.16	4.2	486	4.2	23,971	4.2
<b>Production occupations .....</b>	<b>13.32</b>	<b>4.3</b>	<b>530</b>	<b>4.3</b>	<b>27,537</b>	<b>4.3</b>
First-line supervisors/managers of production and operating workers .....	20.04	7.4	809	7.1	42,091	7.1
Electrical, electronics, and electromechanical assemblers .....	10.53	7.8	421	7.8	21,900	7.8

See footnotes at end of table.

RSE Table 15

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

Occupation <sup>1</sup>	Hourly earnings <sup>2</sup>		Weekly earnings <sup>4</sup>		Annual earnings <sup>5</sup>	
	Mean	Relative error <sup>3</sup>	Mean	Relative error <sup>3</sup>	Mean	Relative error <sup>3</sup>
<b>Production occupations –Continued</b>						
Electrical and electronic equipment assemblers .....	\$10.59	9.3%	\$424	9.3%	\$22,036	9.3%
Miscellaneous assemblers and fabricators .....	9.90	6.9	394	7.0	20,464	7.0
Bakers .....	10.53	22.0	421	22.0	21,910	22.0
Butchers and other meat, poultry, and fish processing workers .....	14.86	10.6	594	10.6	30,911	10.6
Butchers and meat cutters .....	17.11	2.5	684	2.5	35,586	2.5
Computer control programmers and operators .....	14.92	20.1	597	20.1	31,035	20.1
Computer-controlled machine tool operators, metal and plastic .....	14.92	20.1	597	20.1	31,035	20.1
Machine tool cutting setters, operators, and tenders, metal and plastic .....	13.33	9.9	533	9.9	27,724	9.9
Machinists .....	16.53	7.2	662	7.4	34,437	7.4
Welding, soldering, and brazing workers .....	14.15	6.2	566	6.2	29,426	6.2
Welders, cutters, solderers, and brazers ....	14.12	6.4	565	6.4	29,374	6.4
Miscellaneous metalworkers and plastic workers .....	11.49	23.3	454	23.5	23,588	23.5
Bookbinders and bindery workers .....	16.08	7.1	643	7.1	33,441	7.1
Bindery workers .....	16.08	7.1	643	7.1	33,441	7.1
Printers .....	16.89	7.8	670	8.0	34,846	8.0
Printing machine operators .....	16.78	12.7	666	12.7	34,632	12.7
Laundry and dry-cleaning workers .....	8.76	4.7	338	7.1	17,562	7.1
Miscellaneous plant and system operators ....	27.13	12.9	1,085	12.9	56,435	12.9
Inspectors, testers, sorters, samplers, and weighers .....	16.63	8.3	664	8.4	34,545	8.4
Painting workers .....	10.66	9.0	426	9.0	22,168	9.0
Miscellaneous production workers .....	11.56	14.1	454	13.7	23,605	13.7
Helpers--production workers .....	9.82	9.5	380	10.4	19,759	10.4
<b>Transportation and material moving occupations</b> .....						
First-line supervisors/managers of helpers, laborers, and material movers, hand .....	15.21	9.0	608	9.0	31,633	9.0
Driver/sales workers and truck drivers .....	14.43	6.0	625	9.7	32,426	9.7
Driver/sales workers .....	14.01	14.1	570	14.4	29,664	14.4
Truck drivers, heavy and tractor-trailer ....	15.51	11.3	701	15.6	36,448	15.6
Truck drivers, light or delivery services ....	12.68	9.5	522	7.8	26,960	7.8
Dredge, excavating, and loading machine operators .....	13.37	6.9	535	6.9	27,802	6.9
Excavating and loading machine and dragline operators .....	13.37	6.9	535	6.9	27,802	6.9

See footnotes at end of table.

**RSE Table 15**

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

Occupation <sup>1</sup>	Hourly earnings <sup>2</sup>		Weekly earnings <sup>4</sup>		Annual earnings <sup>5</sup>	
	Mean	Relative error <sup>3</sup>	Mean	Relative error <sup>3</sup>	Mean	Relative error <sup>3</sup>
<b>Transportation and material moving occupations</b> –Continued						
Industrial truck and tractor operators .....	\$11.42	18.6%	\$458	18.3%	\$23,811	18.3%
Laborers and material movers, hand .....	9.96	4.0	397	4.0	20,448	4.0
Cleaners of vehicles and equipment .....	9.52	7.4	381	7.4	19,806	7.4
Laborers and freight, stock, and material movers, hand .....	10.36	5.3	414	5.3	21,199	5.3
Packers and packagers, hand .....	8.59	6.3	336	6.4	17,466	6.4

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

<sup>2</sup> 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.

<sup>3</sup> 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.

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

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

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

SOURCE: Bureau of Labor Statistics, National Compensation Survey.

RSE Table 16

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

Occupation <sup>1</sup>	Hourly earnings <sup>2</sup>		Weekly earnings <sup>4</sup>		Annual earnings <sup>5</sup>	
	Mean	Relative error <sup>3</sup>	Mean	Relative error <sup>3</sup>	Mean	Relative error <sup>3</sup>
<b>All workers</b> .....	\$21.97	2.0%	\$874	1.9%	\$45,247	1.9%
<b>Management occupations</b> .....	51.31	4.0	2,083	3.9	108,263	3.9
General and operations managers .....	66.39	13.2	2,709	12.9	140,885	12.9
Advertising and promotions managers .....	47.95	18.3	2,013	17.2	104,656	17.2
Marketing and sales managers .....	52.27	7.7	2,089	7.7	108,644	7.7
Marketing managers .....	53.49	7.2	2,138	7.2	111,154	7.2
Sales managers .....	49.02	20.7	1,961	20.7	101,970	20.7
Administrative services managers .....	40.78	7.4	1,706	9.6	88,730	9.6
Computer and information systems managers .....	62.18	9.1	2,487	9.1	129,327	9.1
Financial managers .....	62.82	3.6	2,524	3.5	131,250	3.5
Human resources managers .....	46.15	9.3	1,846	9.3	95,985	9.3
Compensation and benefits managers .....	36.82	5.3	1,473	5.3	76,579	5.3
Industrial production managers .....	42.51	9.8	1,795	7.6	93,344	7.6
Purchasing managers .....	59.96	7.7	2,398	7.7	124,707	7.7
Transportation, storage, and distribution managers .....	37.04	11.7	1,482	11.7	77,043	11.7
Construction managers .....	36.59	9.5	1,504	10.6	78,232	10.6
Education administrators .....	41.97	12.7	1,587	12.4	80,581	12.4
Education administrators, postsecondary ..	35.59	7.4	1,299	9.0	65,058	9.0
Engineering managers .....	62.79	5.5	2,515	5.5	130,798	5.5
Medical and health services managers .....	31.49	15.6	1,313	18.0	68,262	18.0
<b>Business and financial operations occupations</b> .....	30.15	1.9	1,207	1.9	62,784	1.9
Buyers and purchasing agents .....	27.18	3.4	1,092	3.0	56,799	3.0
Purchasing agents, except wholesale, retail, and farm products .....	27.61	5.8	1,112	5.4	57,802	5.4
Claims adjusters, appraisers, examiners, and investigators .....	24.32	6.2	955	6.5	49,682	6.5
Claims adjusters, examiners, and investigators .....	22.96	3.2	901	3.2	46,857	3.2
Cost estimators .....	32.73	5.2	1,343	5.2	69,840	5.2
Human resources, training, and labor relations specialists .....	30.96	10.7	1,237	10.7	64,317	10.7
Employment, recruitment, and placement specialists .....	27.23	11.1	1,089	11.1	56,630	11.1
Training and development specialists .....	32.98	23.4	1,313	23.4	68,276	23.4
Logisticians .....	35.39	7.9	1,416	7.9	73,616	7.9
Management analysts .....	31.93	8.1	1,277	8.1	66,410	8.1
Accountants and auditors .....	29.44	4.1	1,178	4.1	61,236	4.1
Credit analysts .....	23.40	8.3	936	8.3	48,668	8.3
Financial analysts and advisors .....	28.87	8.8	1,155	8.8	60,058	8.8

See footnotes at end of table.



RSE Table 16

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

Occupation <sup>1</sup>	Hourly earnings <sup>2</sup>		Weekly earnings <sup>4</sup>		Annual earnings <sup>5</sup>	
	Mean	Relative error <sup>3</sup>	Mean	Relative error <sup>3</sup>	Mean	Relative error <sup>3</sup>
<b>Business and financial operations occupations –Continued</b>						
Financial analysts .....	\$29.17	6.0%	\$1,167	6.0%	\$60,671	6.0%
Personal financial advisors .....	23.52	13.3	941	13.3	48,920	13.3
Loan counselors and officers .....	26.51	19.5	1,060	19.5	55,131	19.5
Loan officers .....	26.51	19.5	1,060	19.5	55,131	19.5
<b>Computer and mathematical science occupations</b>						
.....	37.33	2.8	1,494	2.9	77,699	2.9
Computer programmers .....	37.34	7.7	1,494	7.8	77,692	7.8
Computer software engineers .....	40.59	3.6	1,627	3.6	84,602	3.6
Computer software engineers, applications .....	37.67	8.1	1,513	8.1	78,693	8.1
Computer software engineers, systems software .....	43.15	4.0	1,726	4.0	89,746	4.0
Computer support specialists .....	26.89	4.2	1,079	4.5	56,116	4.5
Computer systems analysts .....	39.72	2.7	1,588	2.7	82,576	2.7
Network and computer systems administrators .....	25.31	13.7	1,012	13.7	52,644	13.7
Network systems and data communications analysts .....	31.91	2.3	1,276	2.3	66,365	2.3
<b>Architecture and engineering occupations</b>						
.....	41.05	3.2	1,644	3.2	85,497	3.2
Architects, except naval .....	37.15	3.5	1,486	3.5	77,272	3.5
Architects, except landscape and naval .....	37.15	3.5	1,486	3.5	77,272	3.5
Engineers .....	45.05	2.0	1,805	2.0	93,854	2.0
Aerospace engineers .....	37.08	11.6	1,483	11.6	77,117	11.6
Chemical engineers .....	54.16	8.0	2,166	8.0	112,654	8.0
Civil engineers .....	46.28	16.5	1,851	16.5	96,262	16.5
Computer hardware engineers .....	42.75	5.7	1,747	5.1	90,858	5.1
Electrical and electronics engineers .....	47.29	6.8	1,892	6.8	98,372	6.8
Electrical engineers .....	51.65	16.7	2,066	16.7	107,432	16.7
Electronics engineers, except computer .....	42.23	5.0	1,689	5.0	87,829	5.0
Industrial engineers, including health and safety .....	40.65	6.4	1,626	6.4	84,560	6.4
Industrial engineers .....	40.38	7.4	1,615	7.4	83,987	7.4
Mechanical engineers .....	35.16	6.8	1,406	6.8	73,131	6.8
Petroleum engineers .....	56.55	19.1	2,262	19.1	117,619	19.1
Drafters .....	36.74	7.1	1,472	7.1	76,530	7.1
Engineering technicians, except drafters .....	27.10	10.4	1,084	10.4	56,373	10.4
Electrical and electronic engineering technicians .....	24.23	8.3	969	8.3	50,402	8.3
<b>Life, physical, and social science occupations</b>						
.....	38.20	12.5	1,537	12.4	79,939	12.4

See footnotes at end of table.

RSE Table 16

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

Occupation <sup>1</sup>	Hourly earnings <sup>2</sup>		Weekly earnings <sup>4</sup>		Annual earnings <sup>5</sup>	
	Mean	Relative error <sup>3</sup>	Mean	Relative error <sup>3</sup>	Mean	Relative error <sup>3</sup>
<b>Life, physical, and social science occupations</b> –Continued						
Physical scientists .....	\$55.15	19.5%	\$2,206	19.5%	\$114,716	19.5%
Market and survey researchers .....	41.94	8.3	1,678	8.3	87,233	8.3
Market research analysts .....	41.94	8.3	1,678	8.3	87,233	8.3
<b>Community and social services occupations</b>	15.45	15.6	617	15.6	32,017	15.6
Social workers .....	23.09	2.9	924	2.9	48,037	2.9
Miscellaneous community and social service specialists .....	12.22	21.4	488	21.6	25,373	21.6
<b>Legal occupations</b> .....	48.06	18.7	1,954	19.3	101,600	19.3
Lawyers .....	82.05	1.2	3,421	1.4	177,911	1.4
Paralegals and legal assistants .....	30.46	6.3	1,218	6.3	63,355	6.3
Miscellaneous legal support workers .....	20.92	12.8	837	12.8	43,505	12.8
<b>Education, training, and library occupations</b>	39.06	23.8	1,537	23.9	68,020	23.9
Postsecondary teachers .....	63.85	21.7	2,498	22.2	105,412	22.2
Health teachers, postsecondary .....	93.21	26.3	3,633	26.9	170,024	26.9
Arts, communications, and humanities teachers, postsecondary .....	36.93	1.5	1,409	2.5	53,745	2.5
Art, drama, and music teachers, postsecondary .....	38.78	6.3	1,555	8.0	57,977	8.0
Miscellaneous postsecondary teachers .....	47.43	16.8	1,862	16.0	76,176	16.0
Primary, secondary, and special education school teachers .....	20.78	18.4	827	18.4	35,671	18.4
Elementary and middle school teachers .....	27.83	9.2	1,109	7.6	41,219	7.6
Secondary school teachers .....	23.74	15.2	940	14.6	40,117	14.6
Secondary school teachers, except special and vocational education .....	29.21	16.5	1,147	15.5	43,423	15.5
<b>Arts, design, entertainment, sports, and media occupations</b> .....	29.62	9.2	1,171	10.1	59,342	10.1
Designers .....	23.88	15.3	955	15.3	49,636	15.3
Graphic designers .....	23.15	18.9	925	18.9	48,110	18.9
Writers and editors .....	21.03	15.3	830	15.0	43,154	15.0
<b>Healthcare practitioner and technical occupations</b> .....	26.79	6.1	1,054	6.4	54,813	6.4
Pharmacists .....	53.66	2.4	2,156	2.0	112,121	2.0
Physicians and surgeons .....	89.28	19.7	3,571	19.7	185,710	19.7
Registered nurses .....	29.03	3.0	1,134	3.2	58,947	3.2
Therapists .....	29.60	3.4	1,153	3.3	59,968	3.3

See footnotes at end of table.

RSE Table 16

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

Occupation <sup>1</sup>	Hourly earnings <sup>2</sup>		Weekly earnings <sup>4</sup>		Annual earnings <sup>5</sup>	
	Mean	Relative error <sup>3</sup>	Mean	Relative error <sup>3</sup>	Mean	Relative error <sup>3</sup>
<b>Healthcare practitioner and technical occupations</b> –Continued						
Respiratory therapists .....	\$24.10	2.2%	\$950	3.4%	\$49,385	3.4%
Clinical laboratory technologists and technicians .....	18.43	11.1	727	10.8	37,830	10.8
Medical and clinical laboratory technologists .....	25.27	4.9	1,000	4.6	51,978	4.6
Medical and clinical laboratory technicians .....	13.63	7.5	537	7.0	27,939	7.0
Diagnostic related technologists and technicians .....	23.60	5.2	941	5.1	48,908	5.1
Cardiovascular technologists and technicians .....	17.86	13.4	715	13.4	37,154	13.4
Radiologic technologists and technicians ..	24.66	4.2	981	4.2	51,026	4.2
Health diagnosing and treating practitioner support technicians .....	16.54	3.5	650	3.7	33,798	3.7
Pharmacy technicians .....	14.06	5.8	545	6.5	28,332	6.5
Surgical technologists .....	18.12	4.0	711	4.6	36,975	4.6
Licensed practical and licensed vocational nurses .....	18.35	2.2	724	2.4	37,663	2.4
Medical records and health information technicians .....	17.45	33.0	687	33.3	35,748	33.3
Miscellaneous health technologists and technicians .....	15.65	13.4	626	13.4	32,555	13.4
Occupational health and safety specialists and technicians .....	27.98	20.2	1,119	20.2	58,204	20.2
Occupational health and safety specialists	27.98	20.2	1,119	20.2	58,204	20.2
<b>Healthcare support occupations</b> .....	10.23	4.9	391	7.0	20,336	7.0
Nursing, psychiatric, and home health aides	9.60	4.3	364	7.3	18,914	7.3
Home health aides .....	7.68	9.1	252	19.8	13,123	19.8
Nursing aides, orderlies, and attendants ....	10.14	2.7	400	2.5	20,781	2.5
Psychiatric aides .....	9.81	7.5	392	7.5	20,396	7.5
Miscellaneous healthcare support occupations .....	12.17	4.3	482	4.6	25,039	4.6
Medical assistants .....	10.80	3.4	432	3.4	22,460	3.4
<b>Protective service occupations</b> .....	11.52	4.6	461	4.6	22,736	4.6
Security guards and gaming surveillance officers .....	11.41	6.0	457	6.0	23,740	6.0
Security guards .....	11.41	6.0	457	6.0	23,740	6.0

See footnotes at end of table.

RSE Table 16

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

Occupation <sup>1</sup>	Hourly earnings <sup>2</sup>		Weekly earnings <sup>4</sup>		Annual earnings <sup>5</sup>	
	Mean	Relative error <sup>3</sup>	Mean	Relative error <sup>3</sup>	Mean	Relative error <sup>3</sup>
<b>Food preparation and serving related occupations</b> .....	\$8.22	6.1%	\$312	6.0%	\$16,046	6.0%
First-line supervisors/managers, food preparation and serving workers .....	17.30	14.5	692	14.5	35,978	14.5
First-line supervisors/managers of food preparation and serving workers .....	17.30	14.5	692	14.5	35,978	14.5
Cooks .....	10.49	4.5	415	5.8	21,578	5.8
Cooks, institution and cafeteria .....	10.00	5.1	400	5.1	20,791	5.1
Cooks, restaurant .....	10.58	5.2	409	8.6	21,263	8.6
Food preparation workers .....	9.69	6.1	387	6.1	20,149	6.1
Food service, tipped .....	4.58	17.3	171	16.8	8,625	16.8
Waiters and waitresses .....	3.02	13.2	109	13.3	5,660	13.3
Dining room and cafeteria attendants and bartender helpers .....	7.06	21.9	279	23.1	14,256	23.1
Fast food and counter workers .....	9.82	6.8	368	5.7	19,116	5.7
Combined food preparation and serving workers, including fast food .....	10.07	7.0	374	6.1	19,431	6.1
Food servers, nonrestaurant .....	7.49	13.3	283	11.3	14,712	11.3
Dishwashers .....	8.23	2.0	308	3.7	16,014	3.7
<b>Building and grounds cleaning and maintenance occupations</b> .....	9.30	4.0	357	5.7	18,232	5.7
First-line supervisors/managers, building and grounds cleaning and maintenance workers .....	13.46	6.2	556	8.2	28,936	8.2
Building cleaning workers .....	9.10	4.5	347	6.3	17,699	6.3
Janitors and cleaners, except maids and housekeeping cleaners .....	9.92	4.2	388	4.9	20,161	4.9
Maids and housekeeping cleaners .....	8.17	4.2	304	7.4	15,187	7.4
<b>Personal care and service occupations</b> .....	14.69	8.6	489	4.3	24,695	4.3
Baggage porters, bellhops, and concierges .....	6.68	6.5	267	6.5	13,888	6.5
Baggage porters and bellhops .....	6.68	6.5	267	6.5	13,888	6.5
Transportation attendants .....	35.82	15.2	725	2.5	37,690	2.5
<b>Sales and related occupations</b> .....	17.90	7.0	707	7.4	36,531	7.4
First-line supervisors/managers, sales workers .....	24.19	5.7	957	6.2	49,748	6.2
First-line supervisors/managers of retail sales workers .....	17.76	6.2	700	6.9	36,423	6.9
First-line supervisors/managers of non-retail sales workers .....	42.04	6.1	1,677	6.0	87,203	6.0
Retail sales workers .....	12.15	7.0	475	7.8	24,418	7.8

See footnotes at end of table.

RSE Table 16

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

Occupation <sup>1</sup>	Hourly earnings <sup>2</sup>		Weekly earnings <sup>4</sup>		Annual earnings <sup>5</sup>	
	Mean	Relative error <sup>3</sup>	Mean	Relative error <sup>3</sup>	Mean	Relative error <sup>3</sup>
<b>Sales and related occupations –Continued</b>						
Cashiers, all workers .....	\$10.38	2.7%	\$405	3.0%	\$20,316	3.0%
Cashiers .....	10.38	2.7	405	3.0	20,316	3.0
Counter and rental clerks and parts salespersons .....	21.95	10.1	892	10.1	46,378	10.1
Retail salespersons .....	12.61	9.5	493	10.5	25,613	10.5
Advertising sales agents .....	31.00	15.1	1,240	15.1	64,483	15.1
Insurance sales agents .....	30.08	45.7	1,203	45.7	62,557	45.7
Securities, commodities, and financial services sales agents .....	26.71	17.7	1,180	23.4	61,378	23.4
Sales representatives, wholesale and manufacturing .....	39.36	11.1	1,588	11.0	82,574	11.0
Sales representatives, wholesale and manufacturing, technical and scientific products .....	42.57	7.4	1,703	7.4	88,556	7.4
Sales representatives, wholesale and manufacturing, except technical and scientific products .....	36.98	18.6	1,502	18.4	78,090	18.4
Telemarketers .....	10.62	8.9	423	8.6	21,998	8.6
<b>Office and administrative support occupations .....</b>						
First-line supervisors/managers of office and administrative support workers .....	24.73	8.5	992	8.5	51,559	8.5
Switchboard operators, including answering service .....	10.05	8.1	390	9.0	20,256	9.0
Financial clerks .....	15.20	2.5	606	2.6	31,510	2.6
Bill and account collectors .....	15.26	7.5	609	7.5	31,652	7.5
Billing and posting clerks and machine operators .....	14.66	6.9	587	6.9	30,499	6.9
Bookkeeping, accounting, and auditing clerks .....	15.60	2.0	622	2.2	32,361	2.2
Procurement clerks .....	20.81	5.0	832	5.0	43,288	5.0
Tellers .....	11.87	5.0	475	5.0	24,687	5.0
Customer service representatives .....	13.66	4.7	545	4.6	28,321	4.6
Hotel, motel, and resort desk clerks .....	9.53	5.0	381	5.0	19,821	5.0
Interviewers, except eligibility and loan .....	13.14	10.3	526	10.3	27,335	10.3
Loan interviewers and clerks .....	14.56	5.0	583	5.0	30,291	5.0
Order clerks .....	13.49	18.1	528	18.1	27,460	18.1
Human resources assistants, except payroll and timekeeping .....	16.74	8.5	665	8.7	34,577	8.7
Receptionists and information clerks .....	11.63	3.9	461	4.3	23,800	4.3

See footnotes at end of table.

RSE Table 16

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

Occupation <sup>1</sup>	Hourly earnings <sup>2</sup>		Weekly earnings <sup>4</sup>		Annual earnings <sup>5</sup>	
	Mean	Relative error <sup>3</sup>	Mean	Relative error <sup>3</sup>	Mean	Relative error <sup>3</sup>
<b>Office and administrative support occupations –Continued</b>						
Reservation and transportation ticket agents and travel clerks .....	\$15.53	13.6%	\$621	13.6%	\$32,292	13.6%
Couriers and messengers .....	12.20	5.9	488	5.9	25,367	5.9
Dispatchers .....	17.31	14.3	680	13.0	35,349	13.0
Dispatchers, except police, fire, and ambulance .....	17.31	14.3	680	13.0	35,349	13.0
Production, planning, and expediting clerks .....	18.65	5.9	743	5.9	38,613	5.9
Stock clerks and order fillers .....	12.12	5.2	479	6.0	24,914	6.0
Secretaries and administrative assistants .....	18.58	5.9	739	6.0	38,379	6.0
Executive secretaries and administrative assistants .....	21.69	3.1	867	3.1	45,039	3.1
Medical secretaries .....	13.43	17.0	537	17.0	27,940	17.0
Secretaries, except legal, medical, and executive .....	17.51	7.4	687	8.1	35,703	8.1
Computer operators .....	17.22	6.1	688	6.1	35,760	6.1
Data entry and information processing workers .....	11.57	2.4	462	2.4	24,005	2.4
Data entry keyers .....	11.41	2.6	455	2.5	23,650	2.5
Insurance claims and policy processing clerks .....	15.07	11.5	601	11.5	31,238	11.5
Office clerks, general .....	12.76	6.4	507	6.4	26,389	6.4
<b>Construction and extraction occupations .....</b>	<b>18.88</b>	<b>10.6</b>	<b>772</b>	<b>12.0</b>	<b>40,133</b>	<b>12.0</b>
First-line supervisors/managers of construction trades and extraction workers .....	27.29	4.7	1,208	6.9	62,811	6.9
Carpenters .....	15.01	7.0	600	7.0	31,224	7.0
Cement masons, concrete finishers, and terrazzo workers .....	12.88	7.6	515	7.6	26,793	7.6
Cement masons and concrete finishers .....	12.88	7.6	515	7.6	26,793	7.6
Construction laborers .....	11.79	4.4	472	4.4	24,529	4.4
Construction equipment operators .....	17.01	8.5	681	8.5	35,390	8.5
Operating engineers and other construction equipment operators .....	17.08	8.9	683	8.9	35,532	8.9
Electricians .....	18.71	5.3	749	5.3	38,923	5.3
Pipelayers, plumbers, pipefitters, and steamfitters .....	19.65	6.5	786	6.5	40,863	6.5
Plumbers, pipefitters, and steamfitters .....	20.08	7.8	803	7.8	41,773	7.8
Sheet metal workers .....	13.48	6.2	539	6.2	28,033	6.2
Helpers, construction trades .....	12.03	8.8	481	8.8	25,030	8.8

See footnotes at end of table.

RSE Table 16

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

Occupation <sup>1</sup>	Hourly earnings <sup>2</sup>		Weekly earnings <sup>4</sup>		Annual earnings <sup>5</sup>	
	Mean	Relative error <sup>3</sup>	Mean	Relative error <sup>3</sup>	Mean	Relative error <sup>3</sup>
<b>Construction and extraction occupations</b> –Continued						
Derrick, rotary drill, and service unit operators, oil, gas, and mining .....	\$23.07	22.5%	\$923	22.5%	\$47,986	22.5%
<b>Installation, maintenance, and repair occupations</b> .....	20.65	4.3	828	4.3	43,058	4.3
First-line supervisors/managers of mechanics, installers, and repairers .....	31.47	10.5	1,279	9.6	66,509	9.6
Miscellaneous electrical and electronic equipment mechanics, installers, and repairers .....	21.81	8.2	873	8.2	45,375	8.2
Electrical and electronics repairers, commercial and industrial equipment ..	23.16	8.5	926	8.5	48,176	8.5
Aircraft mechanics and service technicians ..	27.86	5.2	1,115	5.2	57,956	5.2
Automotive technicians and repairers .....	16.78	9.1	694	8.6	36,074	8.6
Automotive service technicians and mechanics .....	17.33	10.2	720	9.4	37,428	9.4
Bus and truck mechanics and diesel engine specialists .....	17.86	5.4	714	5.4	37,147	5.4
Heavy vehicle and mobile equipment service technicians and mechanics .....	21.98	12.7	879	12.7	45,721	12.7
Mobile heavy equipment mechanics, except engines .....	20.31	1.1	812	1.1	42,246	1.1
Industrial machinery installation, repair, and maintenance workers .....	18.68	6.3	745	6.3	38,729	6.3
Industrial machinery mechanics .....	20.85	7.0	834	7.0	43,371	7.0
Maintenance and repair workers, general ..	16.24	10.5	650	10.5	33,775	10.5
Maintenance workers, machinery .....	15.73	11.5	619	11.2	32,198	11.2
Miscellaneous installation, maintenance, and repair workers .....	15.48	6.9	619	6.9	32,193	6.9
Helpers--installation, maintenance, and repair workers .....	12.77	9.2	511	9.2	26,560	9.2
<b>Production occupations</b> .....	15.09	3.5	601	3.5	31,220	3.5
First-line supervisors/managers of production and operating workers .....	25.81	8.1	1,033	8.1	53,440	8.1
Aircraft structure, surfaces, rigging, and systems assemblers .....	23.77	6.0	951	6.0	49,432	6.0
Electrical, electronics, and electromechanical assemblers .....	11.71	7.2	465	7.1	24,193	7.1
Electrical and electronic equipment assemblers .....	11.89	7.8	472	7.7	24,557	7.7

See footnotes at end of table.

RSE Table 16

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

Occupation <sup>1</sup>	Hourly earnings <sup>2</sup>		Weekly earnings <sup>4</sup>		Annual earnings <sup>5</sup>	
	Mean	Relative error <sup>3</sup>	Mean	Relative error <sup>3</sup>	Mean	Relative error <sup>3</sup>
<b>Production occupations –Continued</b>						
Miscellaneous assemblers and fabricators .....	\$12.47	8.9%	\$497	9.1%	\$25,854	9.1%
Team assemblers .....	9.72	15.2	389	15.2	20,210	15.2
Butchers and other meat, poultry, and fish processing workers .....	11.15	8.0	442	8.0	22,996	8.0
Butchers and meat cutters .....	14.40	2.6	534	7.0	27,751	7.0
Miscellaneous food processing workers .....	10.98	12.9	436	13.1	22,658	13.1
Forming machine setters, operators, and tenders, metal and plastic .....	12.46	17.9	487	18.7	25,317	18.7
Machine tool cutting setters, operators, and tenders, metal and plastic .....	12.82	12.2	513	12.2	26,657	12.2
Cutting, punching, and press machine setters, operators, and tenders, metal and plastic .....	11.19	5.1	448	5.1	23,282	5.1
Machinists .....	20.42	11.2	817	11.2	42,475	11.2
Molders and molding machine setters, operators, and tenders, metal and plastic	9.17	14.4	357	15.3	18,570	15.3
Molding, coremaking, and casting machine setters, operators, and tenders, metal and plastic .....	9.17	14.4	357	15.3	18,570	15.3
Welding, soldering, and brazing workers .....	16.37	7.6	655	7.6	34,045	7.6
Welders, cutters, solderers, and brazers ....	16.73	7.5	669	7.5	34,804	7.5
Miscellaneous metalworkers and plastic workers .....	15.69	9.2	628	9.2	32,636	9.2
Printers .....	16.19	6.6	648	6.6	33,676	6.6
Printing machine operators .....	15.89	4.3	635	4.3	33,045	4.3
Laundry and dry-cleaning workers .....	9.73	4.8	387	5.1	20,121	5.1
Miscellaneous textile, apparel, and furnishings workers .....	14.15	18.0	551	16.3	28,652	16.3
Power plant operators, distributors, and dispatchers .....	35.41	16.6	1,417	16.6	73,660	16.6
Miscellaneous plant and system operators ....	30.17	2.4	1,209	2.4	60,552	2.4
Petroleum pump system operators, refinery operators, and gaugers .....	29.88	2.8	1,198	2.9	59,455	2.9
Crushing, grinding, polishing, mixing, and blending workers .....	16.12	13.0	645	13.0	33,539	13.0
Mixing and blending machine setters, operators, and tenders .....	17.27	19.3	691	19.3	35,921	19.3
Inspectors, testers, sorters, samplers, and weighers .....	14.32	8.8	573	8.8	29,783	8.8
Packaging and filling machine operators and tenders .....	13.34	5.6	534	5.6	27,752	5.6
Painting workers .....	16.23	9.0	649	9.0	33,765	9.0

See footnotes at end of table.



RSE Table 16

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

Occupation <sup>1</sup>	Hourly earnings <sup>2</sup>		Weekly earnings <sup>4</sup>		Annual earnings <sup>5</sup>	
	Mean	Relative error <sup>3</sup>	Mean	Relative error <sup>3</sup>	Mean	Relative error <sup>3</sup>
<b>Production occupations –Continued</b>						
Miscellaneous production workers .....	\$11.59	3.7%	\$460	3.7%	\$23,915	3.7%
<b>Transportation and material moving occupations .....</b>	16.18	8.2	656	7.5	33,866	7.5
First-line supervisors/managers of helpers, laborers, and material movers, hand .....	19.40	9.3	787	9.7	40,931	9.7
First-line supervisors/managers of transportation and material-moving machine and vehicle operators .....	28.09	17.5	1,171	16.9	60,909	16.9
Driver/sales workers and truck drivers .....	18.79	6.8	830	5.9	43,170	5.9
Truck drivers, heavy and tractor-trailer .....	18.63	6.9	850	6.1	44,222	6.1
Truck drivers, light or delivery services .....	19.29	11.8	772	11.8	40,131	11.8
Crane and tower operators .....	18.87	6.2	755	6.2	39,250	6.2
Industrial truck and tractor operators .....	12.31	5.5	492	5.5	25,597	5.5
Laborers and material movers, hand .....	11.24	2.4	443	2.6	22,566	2.6
Cleaners of vehicles and equipment .....	12.05	4.6	482	4.6	25,072	4.6
Laborers and freight, stock, and material movers, hand .....	11.53	3.1	453	3.3	22,802	3.3
Machine feeders and offbearers .....	10.68	6.5	427	6.5	22,206	6.5
Packers and packagers, hand .....	9.88	7.0	389	7.4	20,203	7.4

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

<sup>2</sup> 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.

<sup>3</sup> 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.

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

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

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

SOURCE: Bureau of Labor Statistics, National Compensation Survey.

**RSE Table 17 Union and nonunion workers: Relative standard errors<sup>1</sup> of mean hourly earnings<sup>2</sup> by major sector and for major occupational groups**

Occupational group <sup>3</sup>	Union			Nonunion		
	Civilian workers	Private industry workers	State and local government workers	Civilian workers	Private industry workers	State and local government workers
All workers .....	5.0%	6.2%	4.6%	1.1%	1.3%	1.3%
Management, professional, and related .....	4.7	11.2	5.2	2.0	2.8	1.3
Management, business, and financial .....	–	–	–	2.8	3.1	3.9
Professional and related .....	3.5	11.7	3.2	2.2	3.4	1.4
Service .....	7.2	14.4	7.3	2.5	2.7	2.6
Sales and office .....	3.7	4.2	4.8	1.2	1.3	1.7
Sales and related .....	–	–	–	2.3	2.3	7.8
Office and administrative support .....	4.2	4.5	5.6	1.2	1.4	1.8
Natural resources, construction, and maintenance .....	3.1	3.1	5.7	2.6	2.8	2.4
Construction and extraction .....	5.1	5.7	–	4.5	4.9	3.9
Installation, maintenance, and repair .....	3.1	2.5	4.5	1.9	2.1	2.9
Production, transportation, and material moving .....	11.2	11.3	8.4	1.6	1.6	5.7
Production .....	6.9	7.0	–	2.8	2.8	9.5
Transportation and material moving ...	13.6	13.6	5.3	2.3	2.4	3.4

<sup>1</sup> 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.

<sup>2</sup> 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.

<sup>3</sup> A classification system including about 800 individual occupations is used to cover all workers in the civilian economy. See appendix B for more information.

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

SOURCE: Bureau of Labor Statistics, National Compensation Survey.

RSE Table 19

Private industry sector<sup>1</sup>: Relative standard errors<sup>2</sup> of mean hourly earnings<sup>3</sup> for major occupational groups

Occupational group <sup>4</sup>	Goods producing		Service providing						
	Construction	Manufacturing	Trade, transportation, and utilities	Information	Financial activities	Professional and business services	Education and health services	Leisure and hospitality	Other services
	Relative error <sup>5</sup>								
All workers .....	7.4%	3.4%	2.6%	8.5%	–	–	3.5%	2.9%	4.8%
Management, professional, and related .....	5.8	2.3	2.3	8.9	–	–	6.2	6.4	18.1
Management, business, and financial .....	5.2	4.7	3.4	12.0	–	–	6.7	8.4	10.3
Professional and related .....	7.8	2.3	5.4	8.4	–	–	6.6	20.5	44.3
Service .....	–	6.2	8.4	8.7	–	–	5.9	2.6	7.4
Sales and office .....	18.0	3.9	3.0	7.3	–	–	4.1	9.1	13.2
Sales and related .....	10.3	8.4	4.2	12.8	–	–	24.9	11.0	25.4
Office and administrative support .....	5.6	2.8	1.5	6.9	–	–	3.6	8.5	8.6
Natural resources, construction, and maintenance .....	3.4	6.3	4.3	4.7	–	–	16.1	9.5	6.3
Installation, maintenance, and repair .....	5.2	8.2	3.5	4.7	–	–	18.2	12.9	8.1
Production, transportation, and material moving .....	5.6	3.3	7.9	7.3	–	–	7.9	4.6	4.4
Production .....	8.8	3.4	5.8	13.9	–	–	4.9	18.5	5.4
Transportation and material moving .....	5.8	4.7	9.2	5.0	–	–	14.4	4.1	7.5

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

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

RSE Table 20

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

Occupation and work level <sup>1</sup>	Hourly earnings <sup>2</sup>		Weekly earnings <sup>4</sup>		Annual earnings <sup>5</sup>	
	Mean	Relative error <sup>3</sup>	Mean	Relative error <sup>3</sup>	Mean	Relative error <sup>3</sup>
<b>All workers</b> .....	\$20.39	2.2%	\$806	2.2%	\$41,894	2.2%
Level 1 .....	9.06	2.3	361	2.2	18,796	2.2
Level 2 .....	9.88	2.8	388	2.8	20,175	2.8
Level 3 .....	10.87	2.5	433	2.5	22,500	2.5
Level 4 .....	13.48	2.2	535	2.1	27,827	2.1
Level 5 .....	15.41	2.8	608	2.5	31,609	2.5
Level 6 .....	18.89	4.1	749	4.3	38,944	4.3
Level 7 .....	24.27	3.0	963	2.7	50,054	2.7
Level 8 .....	27.76	2.3	1,095	2.3	56,917	2.3
Level 9 .....	28.87	3.0	1,107	3.9	57,545	3.9
Level 10 .....	35.16	7.5	1,387	7.7	72,144	7.7
Level 11 .....	41.06	6.0	1,688	6.7	87,797	6.7
Not able to be leveled .....	18.78	8.7	750	8.7	39,008	8.7
<b>Management occupations</b> .....	33.49	10.2	1,394	12.2	72,472	12.2
Level 11 .....	43.50	5.9	1,941	8.7	100,937	8.7
Medical and health services managers .....	33.32	12.1	1,402	14.9	72,894	14.9
<b>Business and financial operations occupations</b> .....	22.75	9.5	906	9.5	47,093	9.5
<b>Community and social services occupations</b> .....	19.70	6.8	788	6.8	40,980	6.8
Level 8 .....	19.17	10.2	767	10.2	39,873	10.2
Social workers .....	21.07	9.9	843	9.9	43,833	9.9
<b>Healthcare practitioner and technical occupations</b> .....	25.82	2.5	1,009	2.6	52,491	2.6
Level 4 .....	15.69	3.6	614	3.9	31,927	3.9
Level 5 .....	16.27	2.6	635	2.4	33,044	2.4
Level 6 .....	19.23	4.8	758	5.4	39,395	5.4
Level 7 .....	24.48	3.8	968	3.5	50,329	3.5
Level 8 .....	28.59	1.3	1,125	1.3	58,515	1.3
Level 9 .....	29.55	3.5	1,126	4.5	58,554	4.5
Level 10 .....	35.89	7.4	1,414	7.7	73,537	7.7
Level 11 .....	41.03	10.3	1,635	10.3	85,005	10.3
Not able to be leveled .....	24.41	8.3	977	8.3	50,781	8.3
Pharmacists .....	50.87	3.4	2,022	3.6	105,121	3.6
Registered nurses .....	29.67	2.7	1,153	2.8	59,937	2.8
Level 7 .....	27.09	4.3	1,066	4.0	55,456	4.0
Level 8 .....	28.85	1.6	1,134	1.1	58,952	1.1
Level 9 .....	27.89	1.2	1,053	1.6	54,731	1.6
Level 10 .....	34.84	6.1	1,376	6.4	71,564	6.4
Level 11 .....	41.23	11.6	1,646	11.7	85,612	11.7
Therapists .....	28.67	5.2	1,127	5.1	58,621	5.1

See footnotes at end of table.

RSE Table 20

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

Occupation and work level <sup>1</sup>	Hourly earnings <sup>2</sup>		Weekly earnings <sup>4</sup>		Annual earnings <sup>5</sup>	
	Mean	Relative error <sup>3</sup>	Mean	Relative error <sup>3</sup>	Mean	Relative error <sup>3</sup>
<b>Healthcare practitioner and technical occupations</b> –Continued						
Therapists –Continued						
Level 9 .....	\$32.82	3.3%	\$1,297	3.0%	\$67,452	3.0%
Occupational therapists .....	33.30	2.4	1,288	1.6	66,960	1.6
Respiratory therapists .....	24.10	2.2	950	3.4	49,385	3.4
Clinical laboratory technologists and technicians .....	19.00	9.3	750	9.2	39,008	9.2
Level 4 .....	13.28	2.9	518	3.8	26,939	3.8
Level 7 .....	21.73	6.5	863	6.4	44,889	6.4
Medical and clinical laboratory technologists .....	22.77	8.0	903	8.0	46,978	8.0
Level 7 .....	22.59	9.4	895	9.3	46,532	9.3
Medical and clinical laboratory technicians .....	15.82	13.0	622	12.8	32,326	12.8
Level 4 .....	13.28	2.9	518	3.8	26,939	3.8
Diagnostic related technologists and technicians .....	22.76	4.5	907	4.5	47,189	4.5
Level 6 .....	23.24	6.1	930	6.1	48,346	6.1
Level 7 .....	22.87	7.0	906	7.1	47,125	7.1
Cardiovascular technologists and technicians .....	19.88	14.2	795	14.2	41,357	14.2
Radiologic technologists and technicians ..	23.49	4.4	936	4.4	48,674	4.4
Level 7 .....	22.87	7.0	906	7.1	47,125	7.1
Health diagnosing and treating practitioner support technicians .....	16.58	3.3	652	3.6	33,887	3.6
Level 4 .....	16.56	6.8	643	7.8	33,443	7.8
Level 5 .....	14.92	6.3	585	5.8	30,432	5.8
Level 6 .....	17.43	6.3	697	6.3	36,258	6.3
Pharmacy technicians .....	13.51	4.6	529	4.7	27,482	4.7
Surgical technologists .....	18.13	4.0	712	4.6	37,002	4.6
Licensed practical and licensed vocational nurses .....	16.81	2.3	654	2.7	33,994	2.7
Level 4 .....	16.44	3.9	647	4.2	33,652	4.2
Level 5 .....	16.63	2.4	646	2.3	33,571	2.3
Level 6 .....	18.25	6.3	698	9.8	36,318	9.8
Medical records and health information technicians .....	19.76	33.1	767	34.2	39,904	34.2
Miscellaneous health technologists and technicians .....	16.05	16.1	642	16.1	33,388	16.1
<b>Healthcare support occupations</b> .....	10.79	1.9	428	2.0	22,276	2.0
Level 2 .....	9.78	5.2	385	4.9	20,013	4.9

See footnotes at end of table.

RSE Table 20

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

Occupation and work level <sup>1</sup>	Hourly earnings <sup>2</sup>		Weekly earnings <sup>4</sup>		Annual earnings <sup>5</sup>	
	Mean	Relative error <sup>3</sup>	Mean	Relative error <sup>3</sup>	Mean	Relative error <sup>3</sup>
<b>Healthcare support occupations –Continued</b>						
Level 3 .....	\$10.79	3.6%	\$429	3.5%	\$22,283	3.5%
Level 4 .....	12.19	5.8	486	5.8	25,253	5.8
Not able to be leveled .....	11.25	5.4	450	5.4	23,409	5.4
Nursing, psychiatric, and home health aides	10.43	2.1	414	2.3	21,506	2.3
Level 2 .....	9.78	5.2	385	4.9	20,013	4.9
Level 3 .....	10.80	4.1	430	4.3	22,356	4.3
Level 4 .....	11.47	7.8	456	7.6	23,734	7.6
Nursing aides, orderlies, and attendants ....	10.45	2.0	413	2.2	21,492	2.2
Level 2 .....	9.74	6.9	382	6.4	19,841	6.4
Level 3 .....	10.80	4.5	429	4.8	22,321	4.8
Level 4 .....	12.82	5.6	507	5.7	26,359	5.7
Psychiatric aides .....	10.44	4.5	418	4.5	21,724	4.5
Miscellaneous healthcare support occupations .....	12.33	4.4	491	4.4	25,523	4.4
Level 4 .....	13.13	5.7	525	5.7	27,276	5.7
Medical assistants .....	12.14	6.8	480	7.1	24,984	7.1
<b>Food preparation and serving related occupations</b> .....						
Level 2 .....	10.64	4.5	423	4.5	21,970	4.5
Level 3 .....	10.47	9.9	411	10.3	21,358	10.3
Level 3 .....	9.79	4.0	392	4.0	20,362	4.0
Level 4 .....	10.63	8.7	425	8.7	22,110	8.7
Cooks .....	10.35	6.7	414	6.7	21,533	6.7
Level 3 .....	9.90	4.8	396	4.8	20,584	4.8
Cooks, institution and cafeteria .....	10.36	7.0	414	7.0	21,539	7.0
Level 3 .....	9.90	4.8	396	4.8	20,584	4.8
Food servers, nonrestaurant .....	10.39	8.6	412	8.9	21,427	8.9
<b>Building and grounds cleaning and maintenance occupations</b> .....						
Level 1 .....	9.51	3.1	378	3.0	19,660	3.0
Level 1 .....	8.63	3.9	345	3.9	17,949	3.9
Level 2 .....	9.59	3.5	378	3.1	19,645	3.1
Level 3 .....	10.11	2.8	404	2.8	21,030	2.8
Building cleaning workers .....	9.35	2.8	372	2.5	19,321	2.5
Level 1 .....	8.63	3.9	345	3.9	17,949	3.9
Level 2 .....	9.59	3.5	378	3.1	19,645	3.1
Level 3 .....	10.11	2.8	404	2.8	21,030	2.8
Janitors and cleaners, except maids and housekeeping cleaners .....	9.48	4.0	375	3.6	19,491	3.6
Level 2 .....	9.69	4.3	379	3.7	19,709	3.7
Maids and housekeeping cleaners .....	9.20	3.6	368	3.6	19,115	3.6

See footnotes at end of table.

RSE Table 20

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

Occupation and work level <sup>1</sup>	Hourly earnings <sup>2</sup>		Weekly earnings <sup>4</sup>		Annual earnings <sup>5</sup>	
	Mean	Relative error <sup>3</sup>	Mean	Relative error <sup>3</sup>	Mean	Relative error <sup>3</sup>
<b>Office and administrative support occupations</b> .....	\$13.09	2.5%	\$522	2.5%	\$27,128	2.5%
Level 2 .....	10.02	2.5	395	3.3	20,532	3.3
Level 3 .....	11.04	4.5	439	4.4	22,814	4.4
Level 4 .....	13.00	2.0	520	2.0	27,039	2.0
Level 5 .....	14.61	4.8	584	4.8	30,383	4.8
Level 6 .....	17.98	8.1	719	8.1	37,396	8.1
Financial clerks .....	12.01	6.2	481	6.2	24,991	6.2
Level 4 .....	13.32	8.0	533	8.0	27,713	8.0
Bookkeeping, accounting, and auditing clerks .....	13.68	6.2	547	6.2	28,449	6.2
Level 4 .....	14.52	3.8	581	3.8	30,200	3.8
Interviewers, except eligibility and loan .....	11.65	3.7	466	3.7	24,231	3.7
Secretaries and administrative assistants .....	13.53	4.0	541	4.0	28,141	4.0
Level 3 .....	10.89	4.0	435	4.0	22,643	4.0
Level 4 .....	13.55	1.6	542	1.6	28,186	1.6
Executive secretaries and administrative assistants .....	18.46	8.9	738	8.9	38,390	8.9
Medical secretaries .....	12.56	4.9	503	4.9	26,135	4.9
Level 3 .....	10.89	4.0	435	4.0	22,643	4.0
Level 4 .....	13.55	1.6	542	1.6	28,186	1.6
Office clerks, general .....	12.66	4.4	504	4.4	26,204	4.4

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

<sup>2</sup> 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.

<sup>3</sup> 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.

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

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

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

SOURCE: Bureau of Labor Statistics, National Compensation Survey.

RSE Table 21

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

Occupation <sup>1</sup>	Weekly <sup>2</sup>		Annual <sup>4</sup>	
	Mean earnings	Relative error <sup>3</sup>	Mean earnings	Relative error <sup>3</sup>
<b>Management occupations</b>				
Team leader .....	\$1,331	4.9%	\$68,069	4.9%
First line .....	1,690	3.4	86,974	3.4
Second line .....	2,318	7.3	120,354	7.3
General and operations managers				
Team leader .....	1,487	16.1	76,606	16.1
First line .....	2,058	13.1	107,019	13.1
Second line .....	2,204	18.6	114,591	18.6
Marketing managers				
First line .....	2,248	8.9	116,904	8.9
Sales managers				
First line .....	2,201	10.5	114,444	10.5
Administrative services managers				
First line .....	992	4.9	51,582	4.9
Computer and information systems managers				
Team leader .....	1,580	19.2	82,150	19.2
First line .....	2,127	22.6	110,622	22.6
Financial managers				
Team leader .....	1,346	9.5	69,979	9.5
First line .....	2,065	12.3	107,103	12.3
Second line .....	2,463	9.8	128,058	9.8
Compensation and benefits managers				
First line .....	1,467	4.7	76,263	4.7
Industrial production managers				
First line .....	1,634	9.7	84,987	9.7
Transportation, storage, and distribution managers				
First line .....	1,386	9.5	71,684	9.5
Construction managers				
Team leader .....	1,432	12.6	74,460	12.6
First line .....	1,470	7.4	74,506	7.4
Education administrators, elementary and secondary school				
Team leader .....	1,619	6.0	70,220	6.0
First line .....	1,622	4.9	72,745	4.9
Education administrators, postsecondary				
First line .....	1,339	8.1	69,635	8.1
Engineering managers				
First line .....	2,173	5.3	112,986	5.3
Food service managers				
First line .....	1,070	5.8	55,648	5.8

See footnotes at end of table.



**RSE Table 21**                      **Civilian supervisory workers: Relative standard errors of mean weekly and annual earnings for selected management occupations — Continued**

Occupation <sup>1</sup>	Weekly <sup>2</sup>		Annual <sup>4</sup>	
	Mean earnings	Relative error <sup>3</sup>	Mean earnings	Relative error <sup>3</sup>
<b>Management occupations –Continued</b>				
Medical and health services managers				
First line .....	\$1,352	10.1%	\$70,317	10.1%
Property, real estate, and community association managers				
First line .....	1,017	12.3	52,888	12.3

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

<sup>2</sup> Mean weekly earnings are the straight-time weekly wages or salaries paid to employees.

<sup>3</sup> 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.

<sup>4</sup> 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.