

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> .....	\$18.73	1.1%	\$746	1.3%	\$37,901	1.3%
<b>Management occupations</b> .....	40.89	3.2	1,676	2.8	86,097	2.8
General and operations managers .....	42.51	8.4	1,823	10.0	94,730	10.0
Advertising and promotions managers .....	32.87	18.1	1,384	21.7	71,956	21.7
Marketing and sales managers .....	51.47	14.1	2,140	13.2	111,293	13.2
Marketing managers .....	57.12	14.1	2,285	14.1	118,817	14.1
Sales managers .....	45.15	17.5	1,964	15.2	102,144	15.2
Public relations managers .....	31.27	15.1	1,248	15.4	64,599	15.4
Administrative services managers .....	32.69	7.0	1,330	7.6	68,535	7.6
Computer and information systems managers .....	51.01	13.4	2,048	13.1	106,470	13.1
Financial managers .....	52.57	5.0	2,132	4.7	110,727	4.7
Human resources managers .....	34.83	6.1	1,400	6.1	72,825	6.1
Compensation and benefits managers .....	34.39	7.4	1,376	7.4	71,532	7.4
Training and development managers .....	26.91	9.7	1,076	9.7	55,977	9.7
Industrial production managers .....	38.76	6.8	1,630	6.1	84,770	6.1
Purchasing managers .....	45.90	13.0	1,836	13.0	95,474	13.0
Transportation, storage, and distribution managers .....	34.23	7.9	1,363	8.1	70,712	8.1
Construction managers .....	32.86	5.4	1,358	5.2	69,605	5.2
Education administrators .....	36.80	9.2	1,447	9.3	67,480	9.3
Education administrators, preschool and child care center/program .....	18.77	11.6	751	11.6	39,043	11.6
Education administrators, elementary and secondary school .....	39.24	3.3	1,537	4.0	67,533	4.0
Education administrators, postsecondary ..	52.06	23.3	2,012	23.4	97,952	23.4
Engineering managers .....	56.49	9.3	2,300	8.8	119,610	8.8
Food service managers .....	22.99	9.1	981	7.3	51,025	7.3
Medical and health services managers .....	29.66	9.7	1,238	11.3	64,362	11.3
Property, real estate, and community association managers .....	25.42	5.1	1,018	5.1	52,910	5.1
Social and community service managers .....	19.15	19.6	757	20.2	39,367	20.2
<b>Business and financial operations occupations</b> .....	27.80	2.4	1,116	2.4	57,978	2.4
Buyers and purchasing agents .....	27.70	3.7	1,129	3.9	58,731	3.9
Wholesale and retail buyers, except farm products .....	31.35	9.7	1,254	9.7	65,213	9.7
Purchasing agents, except wholesale, retail, and farm products .....	25.82	3.7	1,037	3.5	53,937	3.5
Claims adjusters, appraisers, examiners, and investigators .....	24.59	3.5	965	4.0	50,155	4.0
Claims adjusters, examiners, and investigators .....	23.83	1.0	933	1.4	48,516	1.4

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>Business and financial operations occupations –Continued</b>						
Compliance officers, except agriculture, construction, health and safety, and transportation .....	\$21.66	13.3%	\$866	13.3%	\$45,043	13.3%
Cost estimators .....	31.18	12.2	1,254	12.2	65,222	12.2
Human resources, training, and labor relations specialists .....	25.02	4.6	994	3.2	51,692	3.2
Employment, recruitment, and placement specialists .....	22.00	6.2	848	7.8	44,076	7.8
Compensation, benefits, and job analysis specialists .....	23.21	10.7	996	9.3	51,795	9.3
Training and development specialists .....	30.19	18.3	1,207	18.3	62,761	18.3
Logisticians .....	32.77	10.4	1,311	10.4	68,152	10.4
Management analysts .....	28.75	7.7	1,153	7.9	59,930	7.9
Accountants and auditors .....	28.95	10.2	1,161	10.2	60,266	10.2
Appraisers and assessors of real estate .....	12.58	9.2	494	7.6	25,683	7.6
Financial analysts and advisors .....	30.31	14.2	1,211	14.2	62,990	14.2
Financial analysts .....	33.08	20.8	1,323	20.8	68,816	20.8
Personal financial advisors .....	25.51	11.1	1,020	11.1	53,065	11.1
Loan counselors and officers .....	30.65	8.7	1,228	9.1	63,870	9.1
Loan officers .....	30.87	8.8	1,237	9.2	64,333	9.2
<b>Computer and mathematical science occupations .....</b>						
Computer programmers .....	31.03	10.2	1,250	10.4	64,783	10.4
Computer software engineers .....	41.56	4.9	1,665	4.9	86,559	4.9
Computer software engineers, applications .....	40.47	7.6	1,623	7.6	84,376	7.6
Computer software engineers, systems software .....	42.77	4.5	1,711	4.5	88,953	4.5
Computer support specialists .....	24.38	10.6	976	10.7	50,470	10.7
Computer systems analysts .....	39.61	5.4	1,585	5.4	82,432	5.4
Database administrators .....	24.91	9.9	997	9.9	51,819	9.9
Network and computer systems administrators .....	26.95	6.1	1,082	6.4	53,416	6.4
Network systems and data communications analysts .....	30.69	3.7	1,228	3.7	63,653	3.7
<b>Architecture and engineering occupations .....</b>						
Architects, except naval .....	31.41	6.2	1,256	6.2	65,331	6.2
Architects, except landscape and naval .....	31.41	6.2	1,256	6.2	65,331	6.2
Engineers .....	39.62	1.6	1,609	1.3	83,688	1.3
Aerospace engineers .....	35.29	12.8	1,412	12.8	73,414	12.8
Chemical engineers .....	48.58	10.7	1,979	8.9	102,883	8.9

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>Architecture and engineering occupations</b>						
–Continued						
Civil engineers .....	\$32.70	9.8%	\$1,391	10.0%	\$72,320	10.0%
Computer hardware engineers .....	45.64	9.2	1,863	9.7	96,890	9.7
Electrical and electronics engineers .....	39.12	5.8	1,588	4.8	82,557	4.8
Electrical engineers .....	41.26	11.9	1,703	10.6	88,542	10.6
Electronics engineers, except computer	37.27	6.2	1,491	6.2	77,531	6.2
Industrial engineers, including health and						
safety .....	35.55	5.6	1,426	5.7	74,163	5.7
Industrial engineers .....	34.76	6.8	1,395	7.0	72,535	7.0
Mechanical engineers .....	30.15	7.5	1,206	7.5	62,704	7.5
Petroleum engineers .....	48.19	19.2	1,927	19.2	100,230	19.2
Drafters .....	23.41	6.2	937	6.1	48,628	6.1
Architectural and civil drafters .....	24.67	15.7	987	15.7	51,324	15.7
Electrical and electronics drafters .....	17.05	11.5	682	11.5	35,460	11.5
Mechanical drafters .....	20.57	8.1	823	8.1	42,792	8.1
Engineering technicians, except drafters .....	19.59	12.2	781	12.1	40,628	12.1
Electrical and electronic engineering						
technicians .....	23.99	3.6	960	3.6	49,904	3.6
Surveying and mapping technicians .....	21.30	35.8	852	35.8	44,294	35.8
<b>Life, physical, and social science occupations</b>	30.71	5.6	1,232	5.4	62,543	5.4
Life scientists .....	24.38	6.6	981	6.7	51,018	6.7
Biological scientists .....	24.40	9.9	981	9.6	51,036	9.6
Medical scientists .....	23.90	8.9	956	8.9	49,714	8.9
Physical scientists .....	40.01	5.6	1,622	5.7	81,949	5.7
Environmental scientists and geoscientists	44.02	8.9	1,792	7.7	93,186	7.7
Environmental scientists and						
specialists, including health .....	26.44	5.2	1,058	5.2	54,991	5.2
Geoscientists, except hydrologists and						
geographers .....	56.82	2.5	2,345	6.3	121,926	6.3
Hydrologists .....	28.28	11.9	1,131	11.9	58,821	11.9
Market and survey researchers .....	32.26	7.4	1,290	7.4	67,093	7.4
Market research analysts .....	32.26	7.4	1,290	7.4	67,093	7.4
Psychologists .....	32.50	6.3	1,268	7.2	55,888	7.2
Clinical, counseling, and school						
psychologists .....	35.94	3.0	1,424	2.4	59,450	2.4
Miscellaneous life, physical, and social						
science technicians .....	18.54	20.2	730	21.0	37,972	21.0
Environmental science and protection						
technicians, including health .....	19.53	24.9	781	24.9	40,628	24.9
<b>Community and social services occupations</b>	19.60	3.0	781	2.9	38,700	2.9
Counselors .....	26.34	4.3	1,042	4.1	47,244	4.1

See footnotes at end of table.

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

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	Mean	Relative error <sup>4</sup>	Mean	Relative error <sup>4</sup>	Mean	Relative error <sup>4</sup>
<b>Community and social services occupations</b>						
–Continued						
Educational, vocational, and school counselors .....	\$27.85	4.8%	\$1,100	4.5%	\$48,466	4.5%
Social workers .....	17.40	3.4	697	3.4	36,116	3.4
Child, family, and school social workers ..	16.79	4.0	671	3.8	34,561	3.8
Medical and public health social workers	18.03	3.7	721	3.7	37,511	3.7
Mental health and substance abuse social workers .....	16.39	7.2	666	6.6	34,647	6.6
Miscellaneous community and social service specialists .....	14.21	6.7	567	6.7	29,476	6.7
Probation officers and correctional treatment specialists .....	19.28	4.7	771	4.7	40,110	4.7
Social and human service assistants .....	11.98	7.3	478	7.2	24,838	7.2
<b>Legal occupations</b> .....	29.75	22.5	1,224	24.1	63,630	24.1
Lawyers .....	50.94	13.4	2,207	15.4	114,782	15.4
Miscellaneous legal support workers .....	22.25	5.9	916	6.1	47,616	6.1
Title examiners, abstractors, and searchers	21.57	5.2	896	6.3	46,584	6.3
<b>Education, training, and library occupations</b>	28.15	3.0	1,095	3.0	42,187	3.0
Postsecondary teachers .....	44.67	7.8	1,759	8.0	72,898	8.0
Business teachers, postsecondary .....	35.36	28.4	1,354	30.1	54,266	30.1
Life sciences teachers, postsecondary .....	38.94	14.2	1,558	14.2	68,743	14.2
Biological science teachers, postsecondary .....	38.94	14.2	1,558	14.2	68,743	14.2
Physical sciences teachers, postsecondary	50.16	13.9	1,975	15.5	70,517	15.5
Social sciences teachers, postsecondary ....	43.73	9.6	1,736	9.9	67,904	9.9
Health teachers, postsecondary .....	54.91	21.9	2,160	22.3	102,929	22.3
Health specialties teachers, postsecondary .....	68.53	22.5	2,731	22.6	130,876	22.6
Nursing instructors and teachers, postsecondary .....	28.95	6.0	1,112	7.5	52,411	7.5
Arts, communications, and humanities teachers, postsecondary .....	37.63	6.4	1,448	5.8	55,773	5.8
Art, drama, and music teachers, postsecondary .....	38.68	5.7	1,531	6.1	61,554	6.1
Philosophy and religion teachers, postsecondary .....	33.82	11.5	1,282	11.2	50,994	11.2
Miscellaneous postsecondary teachers .....	43.30	6.2	1,722	6.2	69,486	6.2
Vocational education teachers, postsecondary .....	23.97	8.0	950	7.9	47,437	7.9
Primary, secondary, and special education school teachers .....	29.79	1.1	1,154	1.0	42,966	1.0

See footnotes at end of table.

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	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						
Preschool and kindergarten teachers .....	\$23.37	9.3%	\$908	8.7%	\$37,647	8.7%
Preschool teachers, except special education .....	18.35	13.1	720	12.2	32,179	12.2
Kindergarten teachers, except special education .....	30.39	3.4	1,165	3.2	43,965	3.2
Elementary and middle school teachers ....	30.05	.4	1,164	.5	42,767	.5
Elementary school teachers, except special education .....	30.28	.8	1,174	.7	42,991	.7
Middle school teachers, except special and vocational education .....	29.37	2.1	1,132	2.8	42,054	2.8
Secondary school teachers .....	30.71	1.5	1,189	1.5	43,961	1.5
Secondary school teachers, except special and vocational education .....	30.84	1.4	1,193	1.5	43,847	1.5
Vocational education teachers, secondary school .....	29.09	10.5	1,130	9.7	45,561	9.7
Special education teachers .....	31.50	2.0	1,217	1.5	45,295	1.5
Special education teachers, preschool, kindergarten, and elementary school	30.89	1.9	1,201	1.7	44,632	1.7
Special education teachers, middle school .....	32.54	5.5	1,246	3.3	46,472	3.3
Special education teachers, secondary school .....	31.90	4.8	1,221	5.3	45,638	5.3
Other teachers and instructors .....	25.89	9.1	881	11.5	33,997	11.5
Adult literacy, remedial education, and GED teachers and instructors .....	28.84	9.5	1,056	8.2	41,497	8.2
Librarians .....	28.06	5.5	1,093	4.7	47,728	4.7
Library technicians .....	12.39	6.2	491	6.4	23,163	6.4
Instructional coordinators .....	29.34	14.2	1,192	11.3	51,822	11.3
Teacher assistants .....	11.33	2.1	439	2.0	17,005	2.0
<b>Arts, design, entertainment, sports, and media occupations</b> .....	22.10	8.4	879	8.9	45,029	8.9
Designers .....	20.91	10.5	839	10.7	43,634	10.7
Graphic designers .....	18.75	8.2	751	8.3	39,040	8.3
Athletes, coaches, umpires, and related workers .....	27.98	31.1	1,119	32.7	55,040	32.7
Coaches and scouts .....	27.98	31.1	1,119	32.7	55,040	32.7
News analysts, reporters and correspondents	19.00	13.2	760	13.2	39,530	13.2
Reporters and correspondents .....	21.11	10.5	844	10.5	43,903	10.5
Public relations specialists .....	24.06	12.9	961	12.9	49,972	12.9
Writers and editors .....	20.71	6.6	829	6.6	43,083	6.6
Editors .....	20.86	7.0	834	7.0	43,383	7.0

See footnotes at end of table.

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<b>Arts, design, entertainment, sports, and media occupations –Continued</b>						
Technical writers .....	\$20.08	9.7%	\$803	9.7%	\$41,763	9.7%
<b>Healthcare practitioner and technical occupations</b> .....						
Pharmacists .....	25.79	7.8	1,023	8.2	52,811	8.2
Physicians and surgeons .....	50.55	1.1	2,028	.8	105,466	.8
Registered nurses .....	84.48	13.2	3,706	18.1	192,735	18.1
Therapists .....	28.32	3.6	1,113	3.8	57,488	3.8
Occupational therapists .....	30.76	9.2	1,216	9.3	59,840	9.3
Physical therapists .....	28.16	11.6	1,126	11.6	56,940	11.6
Respiratory therapists .....	35.51	17.4	1,400	17.8	72,527	17.8
Speech-language pathologists .....	22.39	2.8	894	3.1	46,470	3.1
Clinical laboratory technologists and technicians .....	31.87	1.9	1,231	2.7	48,783	2.7
Medical and clinical laboratory technologists .....	17.31	12.9	688	12.7	35,777	12.7
Medical and clinical laboratory technicians .....	21.28	9.6	843	9.3	43,839	9.3
Diagnostic related technologists and technicians .....	14.87	12.8	592	12.6	30,789	12.6
Cardiovascular technologists and technicians .....	22.25	5.6	890	5.6	46,275	5.6
Radiologic technologists and technicians ..	20.17	13.4	807	13.4	41,953	13.4
Emergency medical technicians and paramedics .....	22.45	4.6	898	4.6	46,697	4.6
Health diagnosing and treating practitioner support technicians .....	11.68	14.4	462	12.0	24,012	12.0
Pharmacy technicians .....	15.41	4.5	610	4.5	31,736	4.5
Respiratory therapy technicians .....	13.53	4.7	537	4.7	27,914	4.7
Surgical technologists .....	20.29	3.2	812	3.2	42,198	3.2
Licensed practical and licensed vocational nurses .....	17.53	5.9	690	6.2	35,864	6.2
Medical records and health information technicians .....	17.63	3.0	692	3.3	35,771	3.3
Miscellaneous health technologists and technicians .....	16.33	19.2	646	19.7	33,594	19.7
Occupational health and safety specialists and technicians .....	15.93	13.5	636	13.4	33,066	13.4
Occupational health and safety specialists	22.43	13.7	897	13.7	46,646	13.7
Occupational health and safety specialists	22.72	14.4	909	14.4	47,267	14.4
<b>Healthcare support occupations</b> .....						
Nursing, psychiatric, and home health aides	11.69	6.9	447	7.3	23,176	7.3
	9.31	2.8	353	5.1	18,297	5.1

See footnotes at end of table.

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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 support occupations –Continued</b>						
Home health aides .....	\$7.79	11.4%	\$264	21.6%	\$13,640	21.6%
Nursing aides, orderlies, and attendants ....	9.68	1.4	380	1.8	19,708	1.8
Psychiatric aides .....	9.60	3.5	364	2.3	18,909	2.3
Physical therapist assistants and aides .....	25.04	15.6	1,002	15.6	52,079	15.6
Miscellaneous healthcare support occupations .....	12.80	5.6	491	4.6	25,545	4.6
Dental assistants .....	16.54	6.1	572	7.1	29,753	7.1
Medical assistants .....	11.41	3.0	456	3.2	23,686	3.2
Medical transcriptionists .....	12.92	4.7	517	4.7	26,864	4.7
<b>Protective service occupations .....</b>						
First-line supervisors/managers, law enforcement workers .....	16.28	4.9	676	5.2	34,830	5.2
First-line supervisors/managers of correctional officers .....	25.86	6.8	1,041	6.8	54,119	6.8
First-line supervisors/managers of police and detectives .....	18.67	8.2	758	7.8	39,403	7.8
First-line supervisors/managers of fire fighting and prevention workers .....	28.60	6.8	1,147	6.7	59,650	6.7
Fire fighters .....	23.92	6.2	1,121	8.2	58,301	8.2
Bailiffs, correctional officers, and jailers .....	18.66	6.3	962	6.4	50,043	6.4
Correctional officers and jailers .....	14.08	5.6	568	5.5	29,539	5.5
Detectives and criminal investigators .....	14.02	5.3	566	5.2	29,429	5.2
Police officers .....	20.42	6.7	820	6.6	42,653	6.6
Police and sheriff's patrol officers .....	20.98	4.1	839	4.0	43,410	4.0
Security guards and gaming surveillance officers .....	20.98	4.1	839	4.0	43,410	4.0
Security guards .....	10.24	8.3	408	8.3	21,087	8.3
Miscellaneous protective service workers .....	10.16	8.2	405	8.2	20,914	8.2
	10.40	10.2	396	10.8	14,659	10.8
<b>Food preparation and serving related occupations .....</b>						
First-line supervisors/managers, food preparation and serving workers .....	7.60	4.4	288	4.6	14,605	4.6
First-line supervisors/managers of food preparation and serving workers .....	13.68	4.5	567	3.9	28,420	3.9
Cooks .....	13.68	4.5	567	3.9	28,420	3.9
Cooks, fast food .....	8.86	1.7	340	2.5	17,143	2.5
Cooks, institution and cafeteria .....	7.55	3.7	278	8.0	14,467	8.0
Cooks, restaurant .....	9.70	3.6	369	4.0	17,220	4.0
Cooks, short order .....	9.08	2.8	354	3.0	18,399	3.0
Food preparation workers .....	8.23	2.8	329	2.8	17,123	2.8
Food service, tipped .....	8.15	7.4	314	8.5	15,747	8.5
	4.04	7.6	149	8.3	7,709	8.3

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>						
Bartenders .....	\$5.75	8.9%	\$213	11.4%	\$10,905	11.4%
Waiters and waitresses .....	3.08	6.2	112	6.2	5,817	6.2
Dining room and cafeteria attendants and bartender helpers .....	6.39	13.4	245	14.1	12,699	14.1
Fast food and counter workers .....	7.75	5.5	291	4.3	14,466	4.3
Combined food preparation and serving workers, including fast food .....	7.73	5.8	290	4.3	14,401	4.3
Counter attendants, cafeteria, food concession, and coffee shop .....	7.88	6.8	298	6.3	14,967	6.3
Food servers, nonrestaurant .....	8.00	10.3	306	9.6	15,917	9.6
Dishwashers .....	7.70	2.5	297	3.3	15,424	3.3
Hosts and hostesses, restaurant, lounge, and coffee shop .....	6.80	16.2	247	15.2	12,836	15.2
<b>Building and grounds cleaning and maintenance occupations .....</b>						
First-line supervisors/managers, building and grounds cleaning and maintenance workers .....	9.23	1.1	359	1.4	18,469	1.4
First-line supervisors/managers of housekeeping and janitorial workers ...	13.38	8.6	532	9.4	27,669	9.4
First-line supervisors/managers of landscaping, lawn service, and groundskeeping workers .....	12.87	9.4	506	9.9	26,298	9.9
Building cleaning workers .....	15.93	11.7	674	12.8	35,028	12.8
Janitors and cleaners, except maids and housekeeping cleaners .....	8.83	1.6	342	1.5	17,575	1.5
Maids and housekeeping cleaners .....	9.23	5.2	365	5.2	18,732	5.2
Grounds maintenance workers .....	7.81	4.1	290	5.4	14,976	5.4
Landscaping and groundskeeping workers	9.59	8.8	380	8.7	19,663	8.7
	9.37	8.8	371	8.7	19,198	8.7
<b>Personal care and service occupations .....</b>						
First-line supervisors/managers of personal service workers .....	10.82	4.8	399	3.5	20,378	3.5
Nonfarm animal caretakers .....	11.60	3.1	446	2.7	23,195	2.7
Miscellaneous entertainment attendants and related workers .....	10.85	8.6	434	8.6	22,563	8.6
Amusement and recreation attendants .....	11.06	26.0	412	28.2	21,444	28.2
Barbers and cosmetologists .....	11.06	26.0	412	28.2	21,444	28.2
Hairdressers, hairstylists, and cosmetologists .....	10.44	5.9	382	7.8	19,859	7.8
Baggage porters, bellhops, and concierges ....	10.69	7.1	399	9.1	20,746	9.1
	7.10	8.3	284	8.3	14,776	8.3

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						
Baggage porters and bellhops .....	\$7.10	8.3%	\$284	8.3%	\$14,776	8.3%
Transportation attendants .....	32.34	15.9	673	3.7	34,786	3.7
Flight attendants .....	40.01	1.2	726	3.4	37,743	3.4
Child care workers .....	8.62	4.9	339	4.6	17,366	4.6
Recreation and fitness workers .....	15.35	6.9	588	7.6	23,113	7.6
Recreation workers .....	15.33	7.3	597	9.2	23,043	9.2
<b>Sales and related occupations</b> .....	17.67	2.5	714	2.2	37,085	2.2
First-line supervisors/managers, sales workers .....	23.45	16.1	970	16.2	50,432	16.2
First-line supervisors/managers of retail sales workers .....	16.53	4.6	679	5.8	35,326	5.8
First-line supervisors/managers of non-retail sales workers .....	41.16	32.7	1,729	32.4	89,908	32.4
Retail sales workers .....	11.80	2.9	473	3.8	24,545	3.8
Cashiers, all workers .....	8.47	3.9	331	3.9	17,137	3.9
Cashiers .....	8.47	3.9	331	3.9	17,137	3.9
Counter and rental clerks and parts salespersons .....	15.64	17.5	625	17.8	32,514	17.8
Counter and rental clerks .....	16.30	22.5	650	22.9	33,785	22.9
Parts salespersons .....	14.49	10.0	583	10.7	30,302	10.7
Retail salespersons .....	12.72	5.7	517	6.8	26,887	6.8
Advertising sales agents .....	51.55	39.3	1,912	40.3	99,448	40.3
Insurance sales agents .....	18.78	5.0	765	5.9	39,764	5.9
Securities, commodities, and financial services sales agents .....	23.86	22.0	954	22.0	49,626	22.0
Sales representatives, wholesale and manufacturing .....	29.20	8.8	1,202	8.2	62,499	8.2
Sales representatives, wholesale and manufacturing, technical and scientific products .....	36.68	9.1	1,500	9.2	78,005	9.2
Sales representatives, wholesale and manufacturing, except technical and scientific products .....	26.11	13.5	1,078	13.3	56,043	13.3
Models, demonstrators, and product promoters .....	11.62	9.1	464	9.2	24,149	9.2
Demonstrators and product promoters .....	11.62	9.1	464	9.2	24,149	9.2
Telemarketers .....	10.08	8.0	401	7.6	20,851	7.6
Miscellaneous sales and related workers .....	18.31	33.6	731	33.4	37,876	33.4
<b>Office and administrative support occupations</b> .....	14.17	1.0	562	1.0	29,059	1.0

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>Office and administrative support occupations –Continued</b>						
First-line supervisors/managers of office and administrative support workers .....	\$22.69	4.9%	\$907	5.0%	\$47,172	5.0%
Switchboard operators, including answering service .....	10.37	6.6	403	7.5	20,967	7.5
Financial clerks .....	14.00	2.1	557	2.1	28,958	2.1
Bill and account collectors .....	14.51	8.1	579	8.1	30,105	8.1
Billing and posting clerks and machine operators .....	13.64	3.0	540	3.4	28,089	3.4
Bookkeeping, accounting, and auditing clerks .....	14.61	1.8	581	1.9	30,194	1.9
Payroll and timekeeping clerks .....	14.21	3.8	554	5.9	28,696	5.9
Procurement clerks .....	15.80	13.5	632	13.5	32,869	13.5
Tellers .....	11.68	3.6	467	3.6	24,284	3.6
Correspondence clerks .....	17.60	5.4	704	5.4	36,605	5.4
Court, municipal, and license clerks .....	13.41	7.8	526	8.2	27,349	8.2
Credit authorizers, checkers, and clerks .....	13.89	5.7	542	7.0	28,207	7.0
Customer service representatives .....	14.29	5.8	566	5.6	29,403	5.6
Eligibility interviewers, government programs .....	12.46	14.8	482	14.7	23,874	14.7
File clerks .....	11.74	6.6	468	6.7	24,328	6.7
Hotel, motel, and resort desk clerks .....	8.51	6.6	332	6.5	17,240	6.5
Interviewers, except eligibility and loan .....	12.41	6.8	498	6.7	25,889	6.7
Library assistants, clerical .....	12.30	5.9	471	6.5	23,118	6.5
Loan interviewers and clerks .....	15.72	6.7	622	6.6	32,369	6.6
New accounts clerks .....	12.05	7.2	481	7.4	25,002	7.4
Order clerks .....	12.27	10.9	486	10.8	25,283	10.8
Human resources assistants, except payroll and timekeeping .....	15.96	8.1	635	8.3	32,984	8.3
Receptionists and information clerks .....	11.26	2.3	445	2.4	23,081	2.4
Reservation and transportation ticket agents and travel clerks .....	15.85	10.9	634	10.9	32,968	10.9
Couriers and messengers .....	11.00	3.8	430	2.2	22,355	2.2
Dispatchers .....	13.79	6.5	558	7.7	28,994	7.7
Police, fire, and ambulance dispatchers ....	14.33	5.9	588	6.9	30,577	6.9
Dispatchers, except police, fire, and ambulance .....	13.63	7.9	549	9.2	28,532	9.2
Meter readers, utilities .....	11.67	9.9	467	9.9	24,264	9.9
Production, planning, and expediting clerks .....	15.97	6.0	639	6.0	33,221	6.0
Shipping, receiving, and traffic clerks .....	11.66	4.8	465	4.8	24,176	4.8
Stock clerks and order fillers .....	12.16	3.9	488	3.9	25,164	3.9
Secretaries and administrative assistants .....	16.76	2.6	661	2.7	33,787	2.7

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 –Continued</b>						
Executive secretaries and administrative assistants .....	\$19.92	3.2%	\$793	3.1%	\$40,942	3.1%
Legal secretaries .....	16.01	5.0	636	5.2	33,064	5.2
Medical secretaries .....	13.60	15.7	539	15.4	28,050	15.4
Secretaries, except legal, medical, and executive .....	15.25	2.4	593	2.7	29,716	2.7
Computer operators .....	17.24	8.0	689	8.0	35,815	8.0
Data entry and information processing workers .....	11.87	4.8	473	4.7	24,505	4.7
Data entry keyers .....	11.59	4.5	462	4.5	23,945	4.5
Word processors and typists .....	12.75	4.9	505	4.3	26,256	4.3
Desktop publishers .....	17.36	9.8	672	7.9	34,939	7.9
Insurance claims and policy processing clerks .....	14.41	5.6	566	5.6	29,435	5.6
Mail clerks and mail machine operators, except postal service .....	11.40	7.6	449	7.3	23,357	7.3
Office clerks, general .....	12.40	2.5	490	2.2	25,165	2.2
<b>Farming, fishing, and forestry occupations ..</b>	13.04	18.8	522	18.8	24,702	18.8
<b>Construction and extraction occupations .....</b>	16.42	4.5	663	4.8	34,368	4.8
First-line supervisors/managers of construction trades and extraction workers .....	24.19	12.7	1,007	14.6	52,344	14.6
Carpenters .....	13.76	2.9	550	2.9	28,488	2.9
Cement masons, concrete finishers, and terrazzo workers .....	12.59	3.9	503	3.9	25,866	3.9
Cement masons and concrete finishers .....	12.59	3.9	503	3.9	25,866	3.9
Construction laborers .....	10.94	4.6	438	4.6	22,707	4.6
Construction equipment operators .....	13.92	4.1	557	4.1	28,947	4.1
Paving, surfacing, and tamping equipment operators .....	11.85	7.7	474	7.7	24,648	7.7
Operating engineers and other construction equipment operators .....	14.55	3.1	582	3.1	30,266	3.1
Electricians .....	16.66	7.4	667	7.4	34,663	7.4
Insulation workers .....	18.81	2.4	752	2.4	39,125	2.4
Insulation workers, mechanical .....	19.00	1.2	760	1.2	39,522	1.2
Painters and paperhangers .....	14.20	7.4	568	7.4	29,534	7.4
Painters, construction and maintenance .....	14.20	7.4	568	7.4	29,534	7.4
Pipelayers, plumbers, pipefitters, and steamfitters .....	18.15	4.1	726	4.1	37,759	4.1
Pipelayers .....	11.15	2.5	446	2.5	23,185	2.5

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>Construction and extraction occupations</b>						
–Continued						
Plumbers, pipefitters, and steamfitters .....	\$18.95	3.9%	\$758	3.9%	\$39,407	3.9%
Sheet metal workers .....	14.88	4.6	595	4.6	30,960	4.6
Helpers, construction trades .....	11.31	3.5	452	3.5	23,449	3.5
Helpers--pipelayers, plumbers, pipefitters, and steamfitters .....	13.94	10.9	557	10.9	28,987	10.9
Construction and building inspectors .....	27.75	20.1	1,110	20.1	57,720	20.1
Highway maintenance workers .....	13.75	19.1	550	19.1	28,607	19.1
Miscellaneous construction and related workers .....	14.62	19.5	585	19.5	30,415	19.5
Derrick, rotary drill, and service unit operators, oil, gas, and mining .....	22.25	20.8	890	20.8	46,289	20.8
Roustabouts, oil and gas .....	20.96	5.4	838	5.4	43,597	5.4
<b>Installation, maintenance, and repair occupations</b> .....						
First-line supervisors/managers of mechanics, installers, and repairers .....	18.18	2.1	733	2.1	37,936	2.1
Computer, automated teller, and office machine repairers .....	25.70	5.0	1,072	5.2	55,747	5.2
Radio and telecommunications equipment installers and repairers .....	15.71	13.3	629	13.3	32,686	13.3
Telecommunications equipment installers and repairers, except line installers .....	23.03	11.8	921	11.8	47,904	11.8
Miscellaneous electrical and electronic equipment mechanics, installers, and repairers .....	23.03	11.8	921	11.8	47,904	11.8
Electrical and electronics repairers, commercial and industrial equipment mechanics, installers, and repairers .....	18.89	7.8	761	8.0	39,577	8.0
Aircraft mechanics and service technicians ..	18.58	6.7	743	6.7	38,652	6.7
Automotive technicians and repairers .....	27.30	7.2	1,146	11.1	57,035	11.1
Automotive body and related repairers .....	17.19	4.6	701	4.6	36,460	4.6
Automotive service technicians and mechanics .....	14.90	10.7	601	10.8	31,239	10.8
Bus and truck mechanics and diesel engine specialists .....	17.76	5.1	727	5.0	37,793	5.0
Heavy vehicle and mobile equipment service technicians and mechanics .....	16.82	5.3	678	5.9	35,239	5.9
Mobile heavy equipment mechanics, except engines .....	17.78	6.5	711	6.5	36,984	6.5
Rail car repairers .....	17.27	3.2	691	3.2	35,913	3.2
Small engine mechanics .....	19.76	10.8	790	10.8	41,093	10.8
Control and valve installers and repairers .....	17.37	24.2	689	23.1	35,827	23.1
	18.16	10.6	726	10.6	37,775	10.6

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>Installation, maintenance, and repair occupations –Continued</b>						
Control and valve installers and repairers, except mechanical door .....	\$18.16	10.6%	\$726	10.6%	\$37,775	10.6%
Heating, air conditioning, and refrigeration mechanics and installers .....	20.41	9.3	814	9.5	42,276	9.5
Industrial machinery installation, repair, and maintenance workers .....	16.65	3.4	665	3.4	34,418	3.4
Industrial machinery mechanics .....	19.67	6.9	787	6.9	40,499	6.9
Maintenance and repair workers, general ..	14.70	3.8	588	3.8	30,463	3.8
Maintenance workers, machinery .....	15.69	10.0	623	9.7	32,399	9.7
Line installers and repairers .....	23.54	4.7	942	4.7	48,966	4.7
Electrical power-line installers and repairers .....	25.15	4.5	1,006	4.5	52,308	4.5
Telecommunications line installers and repairers .....	22.09	6.9	884	6.9	45,948	6.9
Miscellaneous installation, maintenance, and repair workers .....	13.51	10.5	540	10.3	27,702	10.3
Helpers--installation, maintenance, and repair workers .....	10.70	9.2	428	9.2	21,438	9.2
<b>Production occupations .....</b>	13.73	3.1	548	3.1	28,464	3.1
First-line supervisors/managers of production and operating workers .....	21.87	6.2	878	5.7	45,674	5.7
Aircraft structure, surfaces, rigging, and systems assemblers .....	20.90	9.7	836	9.7	43,474	9.7
Electrical, electronics, and electromechanical assemblers .....	11.49	3.8	459	3.8	23,859	3.8
Electrical and electronic equipment assemblers .....	11.88	4.4	475	4.4	24,676	4.4
Structural metal fabricators and fitters .....	18.57	6.1	743	6.1	38,618	6.1
Miscellaneous assemblers and fabricators .....	11.38	5.4	454	5.4	23,600	5.4
Team assemblers .....	8.85	4.0	354	4.0	18,407	4.0
Bakers .....	10.04	14.8	400	14.8	20,570	14.8
Butchers and other meat, poultry, and fish processing workers .....	11.04	7.9	438	8.0	22,781	8.0
Butchers and meat cutters .....	15.41	3.5	585	5.3	30,432	5.3
Miscellaneous food processing workers .....	11.31	10.8	452	10.8	23,528	10.8
Computer control programmers and operators .....	16.92	17.7	676	17.8	35,138	17.8
Computer-controlled machine tool operators, metal and plastic .....	16.78	19.3	670	19.4	34,848	19.4
Forming machine setters, operators, and tenders, metal and plastic .....	10.41	31.6	414	31.6	21,510	31.6

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>Production occupations –Continued</b>						
Extruding and drawing machine setters, operators, and tenders, metal and plastic .....	\$10.15	35.2%	\$403	35.2%	\$20,967	35.2%
Machine tool cutting setters, operators, and tenders, metal and plastic .....	12.99	9.1	520	9.1	27,017	9.1
Cutting, punching, and press machine setters, operators, and tenders, metal and plastic .....	11.38	7.6	455	7.6	23,668	7.6
Grinding, lapping, polishing, and buffing machine tool setters, operators, and tenders, metal and plastic .....	12.28	9.7	491	9.7	25,553	9.7
Machinists .....	17.30	8.4	693	8.1	36,016	8.1
Molders and molding machine setters, operators, and tenders, metal and plastic	10.47	10.2	416	10.2	21,639	10.2
Molding, coremaking, and casting machine setters, operators, and tenders, metal and plastic .....	10.47	10.2	416	10.2	21,639	10.2
Multiple machine tool setters, operators, and tenders, metal and plastic .....	12.63	7.3	505	7.3	26,269	7.3
Tool and die makers .....	19.96	7.7	799	7.7	41,526	7.7
Welding, soldering, and brazing workers .....	14.66	6.4	586	6.4	30,484	6.4
Welders, cutters, solderers, and brazers ....	14.73	6.5	589	6.5	30,637	6.5
Miscellaneous metalworkers and plastic workers .....	14.03	10.4	558	10.6	29,001	10.6
Plating and coating machine setters, operators, and tenders, metal and plastic .....	11.03	36.1	439	36.1	22,851	36.1
Bookbinders and bindery workers .....	15.32	4.8	613	4.8	31,858	4.8
Bindery workers .....	15.05	5.0	602	5.0	31,294	5.0
Printers .....	16.34	7.4	650	7.4	33,802	7.4
Prepress technicians and workers .....	17.41	7.5	690	7.7	35,861	7.7
Printing machine operators .....	16.18	8.3	644	8.3	33,510	8.3
Laundry and dry-cleaning workers .....	8.88	2.9	353	3.1	18,354	3.1
Sewing machine operators .....	9.24	9.6	370	9.6	19,223	9.6
Miscellaneous textile, apparel, and furnishings workers .....	11.57	21.2	456	19.3	23,717	19.3
Woodworking machine setters, operators, and tenders .....	12.27	7.7	472	9.1	24,569	9.1
Power plant operators, distributors, and dispatchers .....	29.72	15.4	1,189	15.4	61,819	15.4
Stationary engineers and boiler operators .....	17.55	12.0	702	12.0	36,502	12.0
Water and liquid waste treatment plant and system operators .....	18.47	19.2	739	19.2	38,426	19.2

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>						
Miscellaneous plant and system operators ....	\$26.98	5.2%	\$1,080	5.2%	\$56,158	5.2%
Petroleum pump system operators, refinery operators, and gaugers .....	26.43	7.8	1,059	7.8	55,047	7.8
Crushing, grinding, polishing, mixing, and blending workers .....	14.27	8.1	571	8.1	29,689	8.1
Mixing and blending machine setters, operators, and tenders .....	14.42	8.7	577	8.7	29,993	8.7
Furnace, kiln, oven, drier, and kettle operators and tenders .....	13.30	5.4	532	5.4	27,672	5.4
Inspectors, testers, sorters, samplers, and weighers .....	14.75	7.5	590	7.5	30,689	7.5
Packaging and filling machine operators and tenders .....	12.25	5.9	490	5.9	25,488	5.9
Painting workers .....	15.52	10.1	623	10.4	32,419	10.4
Coating, painting, and spraying machine setters, operators, and tenders .....	10.97	3.3	439	3.3	22,815	3.3
Painters, transportation equipment .....	18.91	22.2	761	22.9	39,594	22.9
Miscellaneous production workers .....	10.94	4.7	435	4.7	22,619	4.7
Molders, shapers, and casters, except metal and plastic .....	9.60	13.5	384	13.5	19,962	13.5
Helpers--production workers .....	10.90	2.1	433	2.4	22,507	2.4
<b>Transportation and material moving occupations .....</b>						
First-line supervisors/managers of helpers, laborers, and material movers, hand .....	14.32	6.1	582	7.7	29,896	7.7
First-line supervisors/managers of transportation and material-moving machine and vehicle operators .....	15.49	9.0	621	9.1	32,269	9.1
Bus drivers .....	24.54	9.1	1,009	11.4	52,492	11.4
Bus drivers, transit and intercity .....	14.97	7.0	506	7.9	20,628	7.9
Bus drivers, school .....	16.52	7.4	661	7.4	34,367	7.4
Bus drivers, school .....	14.15	10.9	443	11.8	16,579	11.8
Driver/sales workers and truck drivers .....	15.27	4.3	655	7.4	34,029	7.4
Driver/sales workers .....	14.39	11.5	598	10.7	31,096	10.7
Truck drivers, heavy and tractor-trailer .....	16.19	7.3	715	11.9	37,200	11.9
Truck drivers, light or delivery services ....	13.52	8.6	550	7.5	28,501	7.5
Taxi drivers and chauffeurs .....	8.33	7.9	328	7.8	17,079	7.8
Sailors and marine oilers .....	14.46	.0	619	.0	32,186	.0
Crane and tower operators .....	18.00	5.8	720	5.8	37,449	5.8
Dredge, excavating, and loading machine operators .....	12.79	6.4	512	6.4	26,607	6.4
Excavating and loading machine and dragline operators .....	12.79	6.4	512	6.4	26,607	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>Transportation and material moving occupations</b> –Continued						
Industrial truck and tractor operators .....	\$11.77	10.6%	\$471	10.6%	\$24,494	10.6%
Laborers and material movers, hand .....	10.28	2.0	406	2.2	20,854	2.2
Cleaners of vehicles and equipment .....	9.98	5.5	399	5.5	20,769	5.5
Laborers and freight, stock, and material movers, hand .....	10.78	3.0	424	3.3	21,576	3.3
Machine feeders and offbearers .....	10.83	9.3	433	9.3	22,519	9.3
Packers and packagers, hand .....	8.34	3.6	326	4.7	16,956	4.7
Refuse and recyclable material collectors .....	11.79	2.1	472	2.1	24,527	2.1

<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> .....	\$18.28	1.3%	\$729	1.6%	\$37,812	1.6%
<b>Management occupations</b> .....	42.14	3.5	1,740	2.9	90,343	2.9
General and operations managers .....	44.91	8.9	1,947	10.9	101,252	10.9
Advertising and promotions managers .....	32.87	18.1	1,384	21.7	71,956	21.7
Marketing and sales managers .....	51.47	14.1	2,140	13.2	111,293	13.2
Marketing managers .....	57.12	14.1	2,285	14.1	118,817	14.1
Sales managers .....	45.15	17.5	1,964	15.2	102,144	15.2
Administrative services managers .....	35.52	10.9	1,469	11.8	76,385	11.8
Computer and information systems managers .....	58.75	11.1	2,361	10.6	122,798	10.6
Financial managers .....	54.07	4.8	2,190	4.5	113,883	4.5
Human resources managers .....	35.21	6.4	1,417	6.4	73,658	6.4
Compensation and benefits managers .....	34.80	8.0	1,392	8.0	72,384	8.0
Industrial production managers .....	38.76	6.8	1,630	6.1	84,770	6.1
Purchasing managers .....	45.90	13.0	1,836	13.0	95,474	13.0
Transportation, storage, and distribution managers .....	34.18	8.0	1,361	8.2	70,753	8.2
Construction managers .....	32.65	5.9	1,353	5.7	69,264	5.7
Education administrators .....	24.72	23.4	968	22.1	49,767	22.1
Education administrators, preschool and child care center/program .....	15.93	10.3	637	10.3	33,136	10.3
Education administrators, postsecondary ..	34.07	10.4	1,246	10.4	62,705	10.4
Engineering managers .....	56.49	9.3	2,300	8.8	119,611	8.8
Food service managers .....	22.99	9.1	981	7.3	51,025	7.3
Medical and health services managers .....	29.75	10.6	1,247	12.3	64,825	12.3
Property, real estate, and community association managers .....	25.49	5.4	1,020	5.4	53,053	5.4
<b>Business and financial operations occupations</b> .....	29.24	2.3	1,175	2.4	61,113	2.4
Buyers and purchasing agents .....	27.94	3.8	1,141	4.0	59,349	4.0
Wholesale and retail buyers, except farm products .....	31.35	9.7	1,254	9.7	65,213	9.7
Purchasing agents, except wholesale, retail, and farm products .....	25.93	3.7	1,042	3.4	54,210	3.4
Claims adjusters, appraisers, examiners, and investigators .....	24.60	3.8	969	4.5	50,370	4.5
Claims adjusters, examiners, and investigators .....	23.74	1.1	933	1.5	48,530	1.5
Cost estimators .....	31.18	12.2	1,254	12.2	65,222	12.2
Human resources, training, and labor relations specialists .....	26.71	6.2	1,059	3.8	55,044	3.8
Employment, recruitment, and placement specialists .....	24.96	6.2	947	9.2	49,230	9.2

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>Business and financial operations occupations</b> –Continued						
Training and development specialists .....	\$33.87	26.4%	\$1,354	26.4%	\$70,409	26.4%
Logisticians .....	32.77	10.4	1,311	10.4	68,152	10.4
Management analysts .....	31.34	9.0	1,257	9.3	65,383	9.3
Accountants and auditors .....	30.32	11.3	1,217	11.3	63,304	11.3
Financial analysts and advisors .....	30.76	14.5	1,229	14.5	63,928	14.5
Financial analysts .....	33.08	20.8	1,323	20.8	68,816	20.8
Personal financial advisors .....	25.51	11.1	1,020	11.1	53,065	11.1
Loan counselors and officers .....	30.87	8.8	1,237	9.2	64,333	9.2
Loan officers .....	30.87	8.8	1,237	9.2	64,333	9.2
<b>Computer and mathematical science occupations</b> .....						
Computer programmers .....	31.72	10.7	1,278	10.9	66,257	10.9
Computer software engineers .....	41.73	5.0	1,671	5.0	86,913	5.0
Computer software engineers, applications	40.74	8.0	1,634	8.0	84,950	8.0
Computer software engineers, systems software .....	42.77	4.5	1,711	4.5	88,953	4.5
Computer support specialists .....	25.41	12.2	1,018	12.3	52,929	12.3
Computer systems analysts .....	40.57	6.1	1,624	6.1	84,442	6.1
Database administrators .....	24.32	11.2	973	11.2	50,575	11.2
Network and computer systems administrators .....	26.20	8.6	1,060	8.9	52,555	8.9
Network systems and data communications analysts .....	30.76	4.1	1,230	4.1	63,985	4.1
<b>Architecture and engineering occupations</b> ....						
Architects, except naval .....	31.41	6.2	1,256	6.2	65,331	6.2
Architects, except landscape and naval .....	31.41	6.2	1,256	6.2	65,331	6.2
Engineers .....	39.84	1.6	1,619	1.3	84,195	1.3
Aerospace engineers .....	35.29	12.8	1,412	12.8	73,414	12.8
Chemical engineers .....	48.58	10.7	1,979	8.9	102,883	8.9
Civil engineers .....	32.94	10.3	1,404	10.4	73,033	10.4
Computer hardware engineers .....	45.64	9.2	1,863	9.7	96,890	9.7
Electrical and electronics engineers .....	39.08	6.2	1,588	5.2	82,554	5.2
Electrical engineers .....	41.40	12.2	1,710	10.8	88,927	10.8
Electronics engineers, except computer	36.90	6.8	1,476	6.8	76,746	6.8
Industrial engineers, including health and safety .....	35.44	5.9	1,422	6.0	73,955	6.0
Industrial engineers .....	34.60	7.2	1,389	7.4	72,221	7.4
Mechanical engineers .....	30.15	7.5	1,206	7.5	62,704	7.5
Petroleum engineers .....	48.26	19.6	1,931	19.6	100,390	19.6
Drafters .....	23.63	6.2	946	6.1	49,088	6.1

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>Architecture and engineering occupations</b>						
–Continued						
Architectural and civil drafters .....	\$25.17	16.5%	\$1,007	16.5%	\$52,361	16.5%
Electrical and electronics drafters .....	16.94	12.9	678	12.9	35,237	12.9
Mechanical drafters .....	20.57	8.1	823	8.1	42,792	8.1
Engineering technicians, except drafters .....	20.22	16.3	810	16.3	42,111	16.3
Electrical and electronic engineering technicians .....	23.99	3.6	960	3.6	49,904	3.6
Surveying and mapping technicians .....	21.54	37.5	862	37.5	44,799	37.5
<b>Life, physical, and social science occupations</b>	36.00	5.2	1,452	4.6	75,495	4.6
Physical scientists .....	47.00	5.0	1,920	6.9	99,861	6.9
Environmental scientists and geoscientists	52.87	6.7	2,172	3.8	112,964	3.8
Geoscientists, except hydrologists and geographers .....	56.82	2.5	2,345	6.3	121,926	6.3
Market and survey researchers .....	32.26	7.4	1,290	7.4	67,093	7.4
Market research analysts .....	32.26	7.4	1,290	7.4	67,093	7.4
<b>Community and social services occupations</b>	16.28	6.1	652	5.9	33,821	5.9
Counselors .....	19.99	8.0	796	7.9	41,041	7.9
Educational, vocational, and school counselors .....	18.56	9.4	736	9.0	37,775	9.0
Social workers .....	18.35	7.4	739	7.1	38,404	7.1
Medical and public health social workers	20.02	4.3	801	4.3	41,636	4.3
Miscellaneous community and social service specialists .....	11.32	5.2	452	5.3	23,483	5.3
Social and human service assistants .....	10.99	7.1	440	7.1	22,815	7.1
<b>Legal occupations</b> .....	29.55	24.5	1,218	26.2	63,334	26.2
Lawyers .....	57.16	11.7	2,526	13.1	131,375	13.1
Miscellaneous legal support workers .....	21.61	4.8	895	5.7	46,526	5.7
Title examiners, abstractors, and searchers	21.62	5.3	899	6.4	46,736	6.4
<b>Education, training, and library occupations</b>	26.70	21.7	1,058	21.9	47,596	21.9
Postsecondary teachers .....	52.27	24.6	2,048	25.1	88,624	25.1
Health teachers, postsecondary .....	90.45	32.8	3,549	33.5	170,366	33.5
Arts, communications, and humanities teachers, postsecondary .....	39.53	7.7	1,494	7.9	58,875	7.9
Art, drama, and music teachers, postsecondary .....	36.72	6.3	1,472	8.0	54,857	8.0
Miscellaneous postsecondary teachers .....	34.76	15.2	1,372	14.7	60,939	14.7
Vocational education teachers, postsecondary .....	17.42	13.1	694	12.9	36,093	12.9

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>Education, training, and library occupations</b>						
–Continued						
Primary, secondary, and special education						
school teachers .....	\$19.85	13.0%	\$790	13.4%	\$33,776	13.4%
Preschool and kindergarten teachers .....	10.55	8.4	422	8.4	21,617	8.4
Elementary and middle school teachers ....	25.29	12.2	999	13.8	36,955	13.8
Elementary school teachers, except special education .....	23.58	21.9	879	27.8	33,049	27.8
Middle school teachers, except special and vocational education .....	25.87	9.8	1,043	9.1	38,350	9.1
Secondary school teachers .....	23.02	9.7	913	9.5	37,933	9.5
Secondary school teachers, except special and vocational education .....	25.91	7.7	1,025	7.2	39,567	7.2
Other teachers and instructors .....	16.44	13.3	626	11.1	28,842	11.1
Teacher assistants .....	9.24	11.9	366	12.2	17,951	12.2
<b>Arts, design, entertainment, sports, and media occupations</b> .....	22.20	9.6	881	10.3	45,219	10.3
Designers .....	20.84	10.8	836	11.0	43,481	11.0
Graphic designers .....	18.52	8.5	741	8.6	38,558	8.6
News analysts, reporters and correspondents	19.00	13.2	760	13.2	39,530	13.2
Reporters and correspondents .....	21.11	10.5	844	10.5	43,903	10.5
Public relations specialists .....	30.15	11.6	1,202	11.6	62,500	11.6
Writers and editors .....	20.59	7.5	824	7.5	42,829	7.5
Editors .....	20.63	8.8	825	8.8	42,914	8.8
Technical writers .....	20.08	9.7	803	9.7	41,763	9.7
<b>Healthcare practitioner and technical occupations</b> .....	26.24	9.5	1,041	9.9	54,146	9.9
Pharmacists .....	50.73	1.0	2,036	.7	105,868	.7
Physicians and surgeons .....	97.58	4.8	4,428	12.3	230,233	12.3
Registered nurses .....	28.03	4.2	1,103	4.5	57,348	4.5
Therapists .....	31.14	11.8	1,236	11.9	64,268	11.9
Occupational therapists .....	26.82	16.1	1,073	16.1	55,782	16.1
Physical therapists .....	35.52	17.6	1,400	18.0	72,824	18.0
Respiratory therapists .....	22.39	2.8	894	3.1	46,470	3.1
Clinical laboratory technologists and technicians .....	17.06	16.3	678	16.0	35,233	16.0
Medical and clinical laboratory technologists .....	23.25	6.6	922	6.1	47,927	6.1
Medical and clinical laboratory technicians .....	13.47	10.8	535	10.3	27,835	10.3
Diagnostic related technologists and technicians .....	21.56	7.6	863	7.6	44,853	7.6

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</b> –Continued						
Cardiovascular technologists and technicians .....	\$18.68	13.0%	\$747	13.0%	\$38,859	13.0%
Radiologic technologists and technicians ..	22.02	7.0	881	7.0	45,799	7.0
Health diagnosing and treating practitioner support technicians .....	15.87	5.7	627	5.6	32,623	5.6
Pharmacy technicians .....	13.85	8.7	547	8.5	28,443	8.5
Respiratory therapy technicians .....	20.29	3.2	812	3.2	42,198	3.2
Surgical technologists .....	17.52	5.9	689	6.3	35,843	6.3
Licensed practical and licensed vocational nurses .....	18.12	3.3	712	3.6	37,027	3.6
Medical records and health information technicians .....	16.76	19.9	663	20.5	34,477	20.5
Miscellaneous health technologists and technicians .....	16.36	14.8	653	14.7	33,951	14.7
Occupational health and safety specialists and technicians .....	23.99	21.7	960	21.7	49,898	21.7
Occupational health and safety specialists	23.99	21.7	960	21.7	49,898	21.7
<b>Healthcare support occupations</b> .....	11.82	7.6	450	8.2	23,387	8.2
Nursing, psychiatric, and home health aides	9.18	3.3	345	6.0	17,965	6.0
Home health aides .....	7.59	11.1	255	21.9	13,257	21.9
Nursing aides, orderlies, and attendants ....	9.60	1.6	376	2.0	19,557	2.0
Psychiatric aides .....	9.77	3.7	361	2.0	18,766	2.0
Physical therapist assistants and aides .....	25.04	15.6	1,002	15.6	52,079	15.6
Miscellaneous healthcare support occupations .....	12.85	6.0	492	4.9	25,573	4.9
Dental assistants .....	16.61	6.2	572	7.3	29,747	7.3
Medical assistants .....	11.37	3.2	454	3.3	23,607	3.3
<b>Protective service occupations</b> .....	10.48	7.5	418	7.5	21,515	7.5
Security guards and gaming surveillance officers .....	10.02	8.6	399	8.6	20,754	8.6
Security guards .....	10.02	8.6	399	8.6	20,754	8.6
<b>Food preparation and serving related occupations</b> .....	7.39	4.5	282	4.8	14,605	4.8
First-line supervisors/managers, food preparation and serving workers .....	13.55	4.9	567	4.4	29,502	4.4
First-line supervisors/managers of food preparation and serving workers .....	13.55	4.9	567	4.4	29,502	4.4
Cooks .....	8.79	1.8	339	2.8	17,547	2.8
Cooks, fast food .....	7.55	3.7	278	8.0	14,467	8.0

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>Food preparation and serving related occupations –Continued</b>						
Cooks, institution and cafeteria .....	\$9.93	5.1%	\$387	4.9%	\$19,479	4.9%
Cooks, restaurant .....	9.08	2.8	354	3.0	18,399	3.0
Cooks, short order .....	8.21	2.9	329	2.9	17,083	2.9
Food preparation workers .....	8.04	8.1	311	9.4	16,197	9.4
Food service, tipped .....	4.04	7.6	149	8.3	7,707	8.3
Bartenders .....	5.75	8.9	213	11.4	10,905	11.4
Waiters and waitresses .....	3.08	6.2	112	6.2	5,817	6.2
Dining room and cafeteria attendants and bartender helpers .....	6.38	13.5	244	14.1	12,708	14.1
Fast food and counter workers .....	7.58	5.7	288	4.8	14,953	4.8
Combined food preparation and serving workers, including fast food .....	7.55	6.0	287	4.7	14,930	4.7
Counter attendants, cafeteria, food concession, and coffee shop .....	7.82	7.2	297	6.6	15,111	6.6
Food servers, nonrestaurant .....	7.46	9.3	283	7.6	14,722	7.6
Dishwashers .....	7.70	2.5	297	3.3	15,424	3.3
Hosts and hostesses, restaurant, lounge, and coffee shop .....	6.80	16.2	247	15.2	12,836	15.2
<b>Building and grounds cleaning and maintenance occupations</b> .....						
First-line supervisors/managers, building and grounds cleaning and maintenance workers .....	8.71	2.0	335	2.1	17,382	2.1
First-line supervisors/managers of housekeeping and janitorial workers ...	10.82	7.9	428	9.9	22,279	9.9
Building cleaning workers .....	10.41	7.3	405	8.6	21,065	8.6
Janitors and cleaners, except maids and housekeeping cleaners .....	8.60	2.5	330	2.4	17,084	2.4
Maids and housekeeping cleaners .....	9.03	8.2	355	8.2	18,474	8.2
Grounds maintenance workers .....	7.78	4.1	288	5.5	14,864	5.5
Landscaping and groundskeeping workers	8.49	8.6	334	8.4	17,283	8.4
Personal care and service occupations .....	8.04	2.9	316	2.8	16,328	2.8
First-line supervisors/managers of personal service workers .....	10.59	4.7	389	3.1	19,926	3.1
Barbers and cosmetologists .....	11.60	3.1	446	2.7	23,195	2.7
Hairdressers, hairstylists, and cosmetologists .....	10.44	5.9	382	7.8	19,859	7.8
Baggage porters, bellhops, and concierges ....	10.69	7.1	399	9.1	20,746	9.1
Baggage porters and bellhops .....	7.10	8.3	284	8.3	14,776	8.3
Transportation attendants .....	7.10	8.3	284	8.3	14,776	8.3
	34.01	16.0	684	3.5	35,575	3.5

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>Personal care and service occupations</b>						
–Continued						
Flight attendants .....	\$40.01	1.2%	\$726	3.4%	\$37,743	3.4%
Child care workers .....	8.38	5.3	329	5.0	17,093	5.0
Recreation and fitness workers .....	15.10	16.6	533	21.4	14,569	21.4
<b>Sales and related occupations</b> .....	17.72	2.5	716	2.2	37,201	2.2
First-line supervisors/managers, sales workers .....	23.65	16.4	979	16.5	50,902	16.5
First-line supervisors/managers of retail sales workers .....	16.53	4.7	680	6.0	35,378	6.0
First-line supervisors/managers of non-retail sales workers .....	41.16	32.7	1,729	32.4	89,908	32.4
Retail sales workers .....	11.80	2.9	473	3.8	24,549	3.8
Cashiers, all workers .....	8.31	3.9	324	3.8	16,788	3.8
Cashiers .....	8.31	3.9	324	3.8	16,788	3.8
Counter and rental clerks and parts salespersons .....	15.64	17.5	625	17.8	32,514	17.8
Counter and rental clerks .....	16.30	22.5	650	22.9	33,785	22.9
Parts salespersons .....	14.49	10.0	583	10.7	30,302	10.7
Retail salespersons .....	12.72	5.7	517	6.8	26,891	6.8
Advertising sales agents .....	51.55	39.3	1,912	40.3	99,448	40.3
Insurance sales agents .....	18.78	5.0	765	5.9	39,764	5.9
Securities, commodities, and financial services sales agents .....	23.86	22.0	954	22.0	49,626	22.0
Sales representatives, wholesale and manufacturing .....	29.20	8.8	1,202	8.2	62,499	8.2
Sales representatives, wholesale and manufacturing, technical and scientific products .....	36.68	9.1	1,500	9.2	78,005	9.2
Sales representatives, wholesale and manufacturing, except technical and scientific products .....	26.11	13.5	1,078	13.3	56,043	13.3
Models, demonstrators, and product promoters .....	11.62	9.1	464	9.2	24,149	9.2
Demonstrators and product promoters .....	11.62	9.1	464	9.2	24,149	9.2
Telemarketers .....	10.08	8.0	401	7.6	20,851	7.6
Miscellaneous sales and related workers .....	18.31	33.6	731	33.4	37,876	33.4
<b>Office and administrative support occupations</b> .....	14.18	1.1	563	1.1	29,227	1.1
First-line supervisors/managers of office and administrative support workers .....	22.99	5.1	919	5.2	47,788	5.2

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>Office and administrative support occupations –Continued</b>						
Switchboard operators, including answering service .....	\$10.37	6.6%	\$403	7.5%	\$20,967	7.5%
Financial clerks .....	13.96	2.3	556	2.3	28,894	2.3
Bill and account collectors .....	14.56	8.3	581	8.3	30,203	8.3
Billing and posting clerks and machine operators .....	13.64	3.0	540	3.4	28,089	3.4
Bookkeeping, accounting, and auditing clerks .....	14.63	2.0	582	2.1	30,258	2.1
Payroll and timekeeping clerks .....	13.72	4.8	530	7.7	27,577	7.7
Procurement clerks .....	15.96	15.4	638	15.4	33,189	15.4
Tellers .....	11.68	3.6	467	3.6	24,284	3.6
Correspondence clerks .....	17.60	5.4	704	5.4	36,605	5.4
Credit authorizers, checkers, and clerks .....	13.89	5.7	542	7.0	28,207	7.0
Customer service representatives .....	14.27	6.0	565	5.9	29,357	5.9
File clerks .....	11.59	7.2	462	7.3	24,026	7.3
Hotel, motel, and resort desk clerks .....	8.51	6.6	332	6.5	17,240	6.5
Interviewers, except eligibility and loan .....	12.88	8.4	517	8.2	26,899	8.2
Loan interviewers and clerks .....	15.65	6.8	620	6.7	32,225	6.7
New accounts clerks .....	12.05	7.2	481	7.4	25,002	7.4
Order clerks .....	12.27	10.9	486	10.8	25,283	10.8
Human resources assistants, except payroll and timekeeping .....	16.40	8.7	652	8.9	33,912	8.9
Receptionists and information clerks .....	11.23	2.4	444	2.5	23,072	2.5
Reservation and transportation ticket agents and travel clerks .....	15.85	10.9	634	10.9	32,968	10.9
Couriers and messengers .....	11.04	3.9	431	2.2	22,421	2.2
Dispatchers .....	13.45	8.3	541	9.9	28,148	9.9
Dispatchers, except police, fire, and ambulance .....	13.56	8.2	546	9.5	28,394	9.5
Production, planning, and expediting clerks .....	16.16	6.4	646	6.4	33,611	6.4
Shipping, receiving, and traffic clerks .....	11.61	5.0	463	5.0	24,074	5.0
Stock clerks and order fillers .....	12.10	3.9	486	3.9	25,063	3.9
Secretaries and administrative assistants .....	17.23	3.6	679	3.8	35,295	3.8
Executive secretaries and administrative assistants .....	20.65	4.0	824	3.9	42,818	3.9
Legal secretaries .....	16.24	5.9	644	6.1	33,498	6.1
Medical secretaries .....	13.71	17.8	543	17.5	28,241	17.5
Secretaries, except legal, medical, and executive .....	16.15	3.5	625	4.2	32,504	4.2
Computer operators .....	17.55	8.9	701	8.9	36,462	8.9
Data entry and information processing workers .....	11.86	5.0	472	4.9	24,522	4.9

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>Office and administrative support occupations</b> –Continued						
Data entry keyers .....	\$11.52	4.6%	\$459	4.6%	\$23,842	4.6%
Word processors and typists .....	12.97	4.2	513	3.6	26,688	3.6
Desktop publishers .....	17.36	9.8	672	7.9	34,939	7.9
Insurance claims and policy processing clerks .....	14.40	5.7	566	5.6	29,425	5.6
Mail clerks and mail machine operators, except postal service .....	11.07	8.5	439	8.4	22,837	8.4
Office clerks, general .....	12.31	3.1	486	2.6	25,247	2.6
<b>Farming, fishing, and forestry occupations</b> ..	13.04	18.8	522	18.8	24,702	18.8
<b>Construction and extraction occupations</b> .....	16.58	4.9	670	5.1	34,732	5.1
First-line supervisors/managers of construction trades and extraction workers .....	24.70	13.4	1,031	15.4	53,603	15.4
Carpenters .....	13.69	2.9	548	2.9	28,343	2.9
Cement masons, concrete finishers, and terrazzo workers .....	12.59	3.9	503	3.9	25,866	3.9
Cement masons and concrete finishers .....	12.59	3.9	503	3.9	25,866	3.9
Construction laborers .....	10.93	4.7	438	4.7	22,719	4.7
Construction equipment operators .....	14.31	4.8	572	4.8	29,769	4.8
Paving, surfacing, and tamping equipment operators .....	11.81	10.1	473	10.1	24,575	10.1
Operating engineers and other construction equipment operators .....	15.14	2.8	606	2.8	31,493	2.8
Electricians .....	16.65	7.6	666	7.6	34,632	7.6
Insulation workers .....	18.81	2.4	752	2.4	39,125	2.4
Insulation workers, mechanical .....	19.00	1.2	760	1.2	39,522	1.2
Painters and paperhangers .....	14.05	8.0	562	8.0	29,219	8.0
Painters, construction and maintenance ....	14.05	8.0	562	8.0	29,219	8.0
Pipelayers, plumbers, pipefitters, and steamfitters .....	18.93	4.5	757	4.5	39,368	4.5
Plumbers, pipefitters, and steamfitters .....	19.49	4.3	780	4.3	40,543	4.3
Sheet metal workers .....	14.88	4.6	595	4.6	30,960	4.6
Helpers, construction trades .....	11.31	3.5	453	3.5	23,451	3.5
Helpers--pipelayers, plumbers, pipefitters, and steamfitters .....	14.05	11.0	562	11.0	29,233	11.0
Miscellaneous construction and related workers .....	14.62	19.5	585	19.5	30,415	19.5
Derrick, rotary drill, and service unit operators, oil, gas, and mining .....	22.25	20.8	890	20.8	46,289	20.8
Roustabouts, oil and gas .....	20.96	5.4	838	5.4	43,597	5.4

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</b> .....	\$18.48	2.4%	\$745	2.3%	\$38,584	2.3%
First-line supervisors/managers of mechanics, installers, and repairers .....	26.28	5.6	1,102	5.7	57,312	5.7
Computer, automated teller, and office machine repairers .....	15.82	13.7	633	13.7	32,908	13.7
Radio and telecommunications equipment installers and repairers .....	23.03	11.8	921	11.8	47,904	11.8
Telecommunications equipment installers and repairers, except line installers .....	23.03	11.8	921	11.8	47,904	11.8
Miscellaneous electrical and electronic equipment mechanics, installers, and repairers .....	18.86	7.9	760	8.1	39,512	8.1
Electrical and electronics repairers, commercial and industrial equipment .....	18.50	6.9	740	6.9	38,479	6.9
Aircraft mechanics and service technicians ..	27.30	7.2	1,146	11.1	57,035	11.1
Automotive technicians and repairers .....	17.29	5.0	706	5.0	36,724	5.0
Automotive body and related repairers .....	14.90	10.7	601	10.8	31,239	10.8
Automotive service technicians and mechanics .....	17.94	5.6	735	5.5	38,220	5.5
Bus and truck mechanics and diesel engine specialists .....	16.93	5.8	683	6.5	35,500	6.5
Heavy vehicle and mobile equipment service technicians and mechanics .....	17.98	6.9	719	6.9	37,398	6.9
Mobile heavy equipment mechanics, except engines .....	17.55	2.8	702	2.8	36,498	2.8
Rail car repairers .....	19.76	10.8	790	10.8	41,093	10.8
Heating, air conditioning, and refrigeration mechanics and installers .....	20.94	11.5	835	11.7	43,394	11.7
Industrial machinery installation, repair, and maintenance workers .....	17.22	4.0	688	4.0	35,626	4.0
Industrial machinery mechanics .....	19.43	7.9	777	7.9	39,936	7.9
Maintenance and repair workers, general ..	15.55	5.7	622	5.7	32,326	5.7
Maintenance workers, machinery .....	15.69	10.0	623	9.7	32,399	9.7
Line installers and repairers .....	23.79	4.7	951	4.7	49,475	4.7
Electrical power-line installers and repairers .....	25.86	4.9	1,035	4.9	53,798	4.9
Telecommunications line installers and repairers .....	22.09	6.9	884	6.9	45,948	6.9
Miscellaneous installation, maintenance, and repair workers .....	13.43	11.6	537	11.4	27,519	11.4
Helpers--installation, maintenance, and repair workers .....	10.61	10.0	424	10.0	21,204	10.0

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>Production occupations</b> .....	\$13.68	3.1%	\$546	3.1%	\$28,379	3.1%
First-line supervisors/managers of production and operating workers .....	21.79	6.3	875	5.7	45,522	5.7
Aircraft structure, surfaces, rigging, and systems assemblers .....	20.90	9.7	836	9.7	43,474	9.7
Electrical, electronics, and electromechanical assemblers .....	11.49	3.8	459	3.8	23,859	3.8
Electrical and electronic equipment assemblers .....	11.88	4.4	475	4.4	24,676	4.4
Structural metal fabricators and fitters .....	18.57	6.1	743	6.1	38,618	6.1
Miscellaneous assemblers and fabricators .....	11.38	5.4	454	5.4	23,600	5.4
Team assemblers .....	8.85	4.0	354	4.0	18,407	4.0
Bakers .....	9.99	15.2	400	15.2	20,779	15.2
Butchers and other meat, poultry, and fish processing workers .....	11.04	7.9	438	8.0	22,781	8.0
Butchers and meat cutters .....	15.41	3.5	585	5.3	30,432	5.3
Miscellaneous food processing workers .....	11.31	10.8	452	10.8	23,528	10.8
Computer control programmers and operators .....	16.92	17.7	676	17.8	35,138	17.8
Computer-controlled machine tool operators, metal and plastic .....	16.78	19.3	670	19.4	34,848	19.4
Forming machine setters, operators, and tenders, metal and plastic .....	10.41	31.6	414	31.6	21,510	31.6
Extruding and drawing machine setters, operators, and tenders, metal and plastic .....	10.15	35.2	403	35.2	20,967	35.2
Machine tool cutting setters, operators, and tenders, metal and plastic .....	12.99	9.1	520	9.1	27,017	9.1
Cutting, punching, and press machine setters, operators, and tenders, metal and plastic .....	11.38	7.6	455	7.6	23,668	7.6
Grinding, lapping, polishing, and buffing machine tool setters, operators, and tenders, metal and plastic .....	12.28	9.7	491	9.7	25,553	9.7
Machinists .....	17.30	8.4	693	8.1	36,016	8.1
Molders and molding machine setters, operators, and tenders, metal and plastic Molding, coremaking, and casting machine setters, operators, and tenders, metal and plastic .....	10.47	10.2	416	10.2	21,639	10.2
Multiple machine tool setters, operators, and tenders, metal and plastic .....	10.47	10.2	416	10.2	21,639	10.2
Tool and die makers .....	12.63	7.3	505	7.3	26,269	7.3
Welding, soldering, and brazing workers .....	19.96	7.7	799	7.7	41,526	7.7
Welding, soldering, and brazing workers .....	14.60	6.5	584	6.5	30,364	6.5

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>Production occupations —Continued</b>						
Welders, cutters, solderers, and brazers ....	\$14.67	6.6%	\$587	6.6%	\$30,514	6.6%
Miscellaneous metalworkers and plastic workers .....	14.03	10.4	558	10.6	29,001	10.6
Plating and coating machine setters, operators, and tenders, metal and plastic .....	11.03	36.1	439	36.1	22,851	36.1
Bookbinders and bindery workers .....	15.32	4.8	613	4.8	31,858	4.8
Bindery workers .....	15.05	5.0	602	5.0	31,294	5.0
Printers .....	16.38	7.5	652	7.6	33,890	7.6
Prepress technicians and workers .....	17.41	7.5	690	7.7	35,861	7.7
Printing machine operators .....	16.26	8.6	647	8.6	33,656	8.6
Laundry and dry-cleaning workers .....	8.88	2.9	353	3.1	18,354	3.1
Sewing machine operators .....	9.24	9.6	370	9.6	19,223	9.6
Miscellaneous textile, apparel, and furnishings workers .....	11.57	21.2	456	19.3	23,717	19.3
Woodworking machine setters, operators, and tenders .....	12.27	7.7	472	9.1	24,569	9.1
Power plant operators, distributors, and dispatchers .....	34.32	16.4	1,373	16.4	71,393	16.4
Stationary engineers and boiler operators ....	17.55	12.0	702	12.0	36,502	12.0
Miscellaneous plant and system operators ....	26.98	5.2	1,080	5.2	56,158	5.2
Petroleum pump system operators, refinery operators, and gaugers .....	26.43	7.8	1,059	7.8	55,047	7.8
Crushing, grinding, polishing, mixing, and blending workers .....	14.27	8.1	571	8.1	29,689	8.1
Mixing and blending machine setters, operators, and tenders .....	14.42	8.7	577	8.7	29,993	8.7
Furnace, kiln, oven, drier, and kettle operators and tenders .....	13.30	5.4	532	5.4	27,672	5.4
Inspectors, testers, sorters, samplers, and weighers .....	14.75	7.5	590	7.5	30,689	7.5
Packaging and filling machine operators and tenders .....	12.25	5.9	490	5.9	25,488	5.9
Painting workers .....	15.29	10.5	614	10.8	31,931	10.8
Coating, painting, and spraying machine setters, operators, and tenders .....	10.97	3.3	439	3.3	22,815	3.3
Painters, transportation equipment .....	18.73	23.8	754	24.6	39,232	24.6
Miscellaneous production workers .....	10.94	4.7	435	4.7	22,612	4.7
Molders, shapers, and casters, except metal and plastic .....	9.60	13.5	384	13.5	19,962	13.5
Helpers--production workers .....	10.89	2.1	432	2.5	22,482	2.5

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>Transportation and material moving occupations</b> .....	\$14.36	6.3%	\$586	7.9%	\$30,319	7.9%
First-line supervisors/managers of helpers, laborers, and material movers, hand .....	15.31	9.1	613	9.1	31,901	9.1
First-line supervisors/managers of transportation and material-moving machine and vehicle operators .....	24.54	9.1	1,009	11.4	52,492	11.4
Bus drivers .....	15.12	11.9	605	11.9	31,441	11.9
Driver/sales workers and truck drivers .....	15.29	4.4	657	7.4	34,106	7.4
Driver/sales workers .....	14.39	11.5	598	10.7	31,096	10.7
Truck drivers, heavy and tractor-trailer .....	16.23	7.3	718	11.9	37,321	11.9
Truck drivers, light or delivery services .....	13.52	8.7	551	7.6	28,509	7.6
Taxi drivers and chauffeurs .....	8.05	5.8	317	6.2	16,502	6.2
Sailors and marine oilers .....	14.46	.0	619	.0	32,186	.0
Crane and tower operators .....	18.00	5.8	720	5.8	37,449	5.8
Dredge, excavating, and loading machine operators .....	12.79	6.7	512	6.7	26,613	6.7
Excavating and loading machine and dragline operators .....	12.79	6.7	512	6.7	26,613	6.7
Industrial truck and tractor operators .....	11.77	10.6	471	10.6	24,494	10.6
Laborers and material movers, hand .....	10.29	2.1	407	2.2	20,872	2.2
Cleaners of vehicles and equipment .....	9.97	5.5	399	5.5	20,742	5.5
Laborers and freight, stock, and material movers, hand .....	10.81	3.0	426	3.4	21,633	3.4
Machine feeders and offbearers .....	10.83	9.3	433	9.3	22,519	9.3
Packers and packagers, hand .....	8.34	3.6	326	4.7	16,956	4.7

<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> .....	\$21.17	1.2%	\$837	1.4%	\$38,331	1.4%
<b>Management occupations</b> .....	34.74	4.4	1,376	4.7	67,283	4.7
General and operations managers .....	28.14	7.1	1,134	7.5	58,680	7.5
Administrative services managers .....	29.77	7.2	1,191	7.2	60,850	7.2
Financial managers .....	36.53	7.8	1,500	7.3	76,961	7.3
Education administrators .....	40.67	9.6	1,601	10.1	72,494	10.1
Education administrators, elementary and secondary school .....	39.25	3.3	1,538	4.0	67,616	4.0
Education administrators, postsecondary ..	60.65	27.0	2,409	26.4	115,338	26.4
Medical and health services managers .....	28.71	9.3	1,149	9.3	59,723	9.3
<b>Business and financial operations occupations</b> .....	20.98	5.5	835	5.5	43,310	5.5
Compliance officers, except agriculture, construction, health and safety, and transportation .....	18.79	8.8	752	8.8	39,092	8.8
Human resources, training, and labor relations specialists .....	20.64	6.3	826	6.3	42,939	6.3
Management analysts .....	20.98	5.9	839	5.9	43,635	5.9
Accountants and auditors .....	22.81	4.3	909	4.3	46,840	4.3
<b>Computer and mathematical science occupations</b> .....	26.46	7.2	1,055	7.3	52,888	7.3
Computer support specialists .....	17.31	3.6	688	3.8	34,299	3.8
Computer systems analysts .....	30.41	9.7	1,216	9.7	63,257	9.7
Network and computer systems administrators .....	28.46	9.0	1,127	9.5	55,091	9.5
<b>Architecture and engineering occupations</b> ....	21.11	10.0	833	10.3	43,342	10.3
Engineers .....	33.49	10.2	1,340	10.2	69,665	10.2
Engineering technicians, except drafters .....	16.47	7.8	644	8.2	33,504	8.2
Civil engineering technicians .....	16.23	9.5	649	9.5	33,755	9.5
<b>Life, physical, and social science occupations</b>	24.24	5.4	967	5.5	47,694	5.5
Life scientists .....	23.74	7.5	957	7.6	49,780	7.6
Biological scientists .....	24.40	9.9	981	9.6	51,036	9.6
Medical scientists .....	22.61	10.4	905	10.4	47,038	10.4
Physical scientists .....	27.66	3.8	1,106	3.8	53,285	3.8
Environmental scientists and geoscientists	27.16	4.1	1,086	4.1	56,498	4.1
Environmental scientists and specialists, including health .....	26.44	5.2	1,058	5.2	54,991	5.2
Psychologists .....	35.94	3.0	1,424	2.4	59,450	2.4
Clinical, counseling, and school psychologists .....	35.94	3.0	1,424	2.4	59,450	2.4

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>Life, physical, and social science occupations</b> –Continued						
Miscellaneous life, physical, and social science technicians .....	\$14.80	15.7%	\$577	17.3%	\$30,007	17.3%
<b>Community and social services occupations</b>	21.42	2.9	852	2.8	41,174	2.8
Counselors .....	28.20	3.9	1,113	3.6	48,769	3.6
Educational, vocational, and school counselors .....	29.73	4.1	1,173	3.7	50,255	3.7
Social workers .....	16.94	3.5	677	3.4	35,017	3.4
Child, family, and school social workers ..	16.91	4.8	675	4.7	34,726	4.7
Medical and public health social workers	16.81	3.6	672	3.6	34,959	3.6
Mental health and substance abuse social workers .....	16.16	3.8	646	3.8	33,609	3.8
Miscellaneous community and social service specialists .....	17.50	5.5	698	5.4	36,296	5.4
Probation officers and correctional treatment specialists .....	19.28	4.7	771	4.7	40,110	4.7
Social and human service assistants .....	14.98	13.1	595	12.8	30,917	12.8
<b>Legal occupations</b> .....	31.64	7.4	1,274	6.5	66,262	6.5
Lawyers .....	31.29	6.4	1,276	6.4	66,375	6.4
Miscellaneous legal support workers .....	27.06	24.6	1,064	24.7	55,313	24.7
<b>Education, training, and library occupations</b>	28.31	2.4	1,099	2.5	41,686	2.5
Postsecondary teachers .....	42.44	5.5	1,673	5.9	68,500	5.9
Physical sciences teachers, postsecondary	50.63	14.3	1,980	15.8	70,597	15.8
Health teachers, postsecondary .....	42.07	12.7	1,656	13.4	78,710	13.4
Health specialties teachers, postsecondary .....	49.03	10.7	1,970	10.3	96,076	10.3
Nursing instructors and teachers, postsecondary .....	26.52	4.3	1,000	5.8	45,072	5.8
Arts, communications, and humanities teachers, postsecondary .....	36.53	8.1	1,421	7.6	53,987	7.6
Miscellaneous postsecondary teachers .....	45.00	6.7	1,793	6.7	71,016	6.7
Vocational education teachers, postsecondary .....	27.79	7.0	1,098	6.7	53,598	6.7
Primary, secondary, and special education school teachers .....	30.38	.9	1,174	.9	43,420	.9
Preschool and kindergarten teachers .....	27.22	7.9	1,049	7.3	41,206	7.3
Preschool teachers, except special education .....	22.87	13.4	887	12.2	37,055	12.2
Kindergarten teachers, except special education .....	31.27	2.0	1,197	1.8	44,608	1.8

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						
Elementary and middle school teachers ....	\$30.15	0.3%	\$1,167	0.4%	\$42,883	0.4%
Elementary school teachers, except special education .....	30.32	.7	1,176	.7	43,061	.7
Middle school teachers, except special and vocational education .....	29.59	2.1	1,137	2.9	42,277	2.9
Secondary school teachers .....	31.16	1.3	1,204	1.4	44,262	1.4
Secondary school teachers, except special and vocational education .....	31.06	1.4	1,201	1.5	44,025	1.5
Vocational education teachers, secondary school .....	32.69	2.5	1,260	2.3	48,069	2.3
Special education teachers .....	31.50	2.2	1,213	1.6	45,295	1.6
Special education teachers, preschool, kindergarten, and elementary school .....	30.80	2.1	1,192	1.7	44,521	1.7
Special education teachers, middle school .....	32.54	5.5	1,246	3.3	46,472	3.3
Special education teachers, secondary school .....	31.90	4.8	1,221	5.3	45,638	5.3
Other teachers and instructors .....	30.19	4.0	979	11.9	35,570	11.9
Adult literacy, remedial education, and GED teachers and instructors .....	30.75	4.6	1,113	5.6	42,524	5.6
Librarians .....	29.17	4.8	1,131	4.0	48,278	4.0
Library technicians .....	12.34	6.5	489	6.7	22,938	6.7
Instructional coordinators .....	32.13	4.7	1,276	4.9	54,200	4.9
Teacher assistants .....	11.69	2.0	451	1.8	16,883	1.8
<b>Arts, design, entertainment, sports, and media occupations</b> .....	21.54	13.3	864	13.2	43,991	13.2
<b>Healthcare practitioner and technical occupations</b> .....	23.85	4.6	942	4.7	47,286	4.7
Physicians and surgeons .....	46.04	24.2	1,842	24.2	95,769	24.2
Registered nurses .....	29.49	3.6	1,154	3.2	58,023	3.2
Therapists .....	29.54	5.2	1,155	5.3	48,602	5.3
Speech-language pathologists .....	31.46	1.9	1,205	2.7	45,170	2.7
Clinical laboratory technologists and technicians .....	18.02	4.2	718	4.2	37,315	4.2
Diagnostic related technologists and technicians .....	23.76	3.2	950	3.2	49,419	3.2
Radiologic technologists and technicians ..	23.20	3.1	928	3.1	48,260	3.1
Emergency medical technicians and paramedics .....	12.51	9.0	503	11.4	26,173	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>Healthcare practitioner and technical occupations –Continued</b>						
Health diagnosing and treating practitioner support technicians .....	\$13.04	4.2%	\$522	4.2%	\$27,126	4.2%
Pharmacy technicians .....	12.94	4.3	518	4.3	26,922	4.3
Licensed practical and licensed vocational nurses .....	15.06	1.8	589	2.8	29,415	2.8
Occupational health and safety specialists and technicians .....	19.63	5.5	785	5.5	40,828	5.5
Occupational health and safety specialists	20.21	6.0	808	6.0	42,038	6.0
<b>Healthcare support occupations</b> .....	10.63	3.4	422	3.4	21,452	3.4
Nursing, psychiatric, and home health aides	10.02	2.8	398	3.0	20,229	3.0
Nursing aides, orderlies, and attendants ....	10.13	2.4	401	2.9	20,536	2.9
Psychiatric aides .....	9.25	5.4	370	5.4	19,245	5.4
Miscellaneous healthcare support occupations .....	12.16	4.8	483	4.7	25,139	4.7
<b>Protective service occupations</b> .....	19.16	3.1	813	3.1	41,866	3.1
First-line supervisors/managers, law enforcement workers .....	25.34	6.9	1,025	7.0	53,277	7.0
First-line supervisors/managers of correctional officers .....	18.67	8.2	758	7.8	39,403	7.8
First-line supervisors/managers of police and detectives .....	27.99	6.9	1,130	7.0	58,759	7.0
First-line supervisors/managers of fire fighting and prevention workers .....	23.92	6.2	1,121	8.2	58,301	8.2
Fire fighters .....	18.66	6.3	962	6.4	50,043	6.4
Bailiffs, correctional officers, and jailers .....	14.66	4.6	593	4.3	30,818	4.3
Correctional officers and jailers .....	14.61	4.2	591	3.9	30,710	3.9
Detectives and criminal investigators .....	20.42	6.7	820	6.6	42,653	6.6
Police officers .....	21.05	4.1	842	4.1	43,557	4.1
Police and sheriff's patrol officers .....	21.05	4.1	842	4.1	43,557	4.1
Security guards and gaming surveillance officers .....	13.57	7.0	540	7.1	25,666	7.1
Security guards .....	12.59	2.2	501	2.0	23,454	2.0
<b>Food preparation and serving related occupations</b> .....	10.22	4.2	365	4.6	14,602	4.6
First-line supervisors/managers, food preparation and serving workers .....	14.51	7.1	568	7.5	23,002	7.5
First-line supervisors/managers of food preparation and serving workers .....	14.51	7.1	568	7.5	23,002	7.5
Cooks .....	9.35	4.3	346	6.2	14,662	6.2

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>Food preparation and serving related occupations –Continued</b>						
Cooks, institution and cafeteria .....	\$9.35	4.3%	\$346	6.2%	\$14,603	6.2%
Food preparation workers .....	9.28	3.3	334	5.1	12,632	5.1
Fast food and counter workers .....	9.37	2.2	309	3.9	11,533	3.9
Combined food preparation and serving workers, including fast food .....	9.35	2.3	308	4.2	11,522	4.2
<b>Building and grounds cleaning and maintenance occupations .....</b>						
First-line supervisors/managers, building and grounds cleaning and maintenance workers .....	10.64	1.3	425	1.3	21,520	1.3
First-line supervisors/managers of housekeeping and janitorial workers ...	17.38	5.0	695	5.0	36,150	5.0
Building cleaning workers .....	17.40	5.7	696	5.7	36,191	5.7
Janitors and cleaners, except maids and housekeeping cleaners .....	9.57	1.5	382	1.5	19,162	1.5
Grounds maintenance workers .....	9.60	1.5	384	1.5	19,192	1.5
Landscaping and groundskeeping workers	11.35	7.0	454	7.0	23,559	7.0
	11.38	7.4	455	7.4	23,614	7.4
<b>Personal care and service occupations .....</b>						
Child care workers .....	12.98	3.5	508	4.1	24,694	4.1
Recreation and fitness workers .....	11.32	4.8	448	4.9	20,033	4.9
Recreation workers .....	15.47	7.2	619	7.2	32,176	7.2
	15.47	7.2	619	7.2	32,176	7.2
<b>Sales and related occupations .....</b>						
Retail sales workers .....	13.26	11.6	530	11.6	27,427	11.6
Cashiers, all workers .....	11.78	8.9	470	8.9	24,295	8.9
Cashiers .....	11.80	9.2	471	9.3	24,327	9.3
	11.80	9.2	471	9.3	24,327	9.3
<b>Office and administrative support occupations .....</b>						
First-line supervisors/managers of office and administrative support workers .....	14.11	1.8	560	1.9	27,981	1.9
Financial clerks .....	17.88	7.2	716	7.2	37,216	7.2
Bookkeeping, accounting, and auditing clerks .....	14.44	2.6	576	2.6	29,767	2.6
Payroll and timekeeping clerks .....	14.43	3.7	576	3.7	29,737	3.7
Court, municipal, and license clerks .....	15.47	6.0	619	6.0	31,659	6.0
Customer service representatives .....	13.41	7.8	526	8.2	27,349	8.2
Eligibility interviewers, government programs .....	14.63	11.4	585	11.4	30,439	11.4
Library assistants, clerical .....	13.67	12.5	522	13.3	25,409	13.3
	12.22	5.2	473	5.9	23,871	5.9

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>						
Receptionists and information clerks .....	\$12.25	10.6%	\$467	12.7%	\$23,408	12.7%
Dispatchers .....	15.00	5.8	616	6.4	32,024	6.4
Police, fire, and ambulance dispatchers ....	14.90	5.4	614	6.5	31,911	6.5
Shipping, receiving, and traffic clerks .....	12.84	7.3	514	7.3	26,711	7.3
Secretaries and administrative assistants .....	15.47	3.2	611	3.3	29,878	3.3
Executive secretaries and administrative assistants .....	18.28	4.7	725	4.9	36,865	4.9
Legal secretaries .....	14.44	4.2	578	4.2	30,037	4.2
Medical secretaries .....	12.77	9.1	511	9.1	26,561	9.1
Secretaries, except legal, medical, and executive .....	13.39	3.1	526	3.5	24,491	3.5
Office clerks, general .....	12.75	2.2	506	2.4	24,881	2.4
<b>Construction and extraction occupations .....</b>	<b>14.36</b>	<b>3.3</b>	<b>575</b>	<b>3.3</b>	<b>29,728</b>	<b>3.3</b>
First-line supervisors/managers of construction trades and extraction workers .....	17.09	6.5	684	6.5	35,551	6.5
Carpenters .....	14.18	9.3	567	9.3	29,404	9.3
Construction laborers .....	11.33	10.8	453	10.8	22,398	10.8
Construction equipment operators .....	12.87	2.4	515	2.4	26,763	2.4
Operating engineers and other construction equipment operators .....	13.09	1.6	523	1.6	27,219	1.6
Pipelayers, plumbers, pipefitters, and steamfitters .....	13.95	4.0	558	4.0	29,007	4.0
Pipelayers .....	11.42	2.2	457	2.2	23,763	2.2
Plumbers, pipefitters, and steamfitters .....	15.00	3.0	600	3.0	31,210	3.0
Construction and building inspectors .....	17.47	7.8	699	7.8	36,331	7.8
Highway maintenance workers .....	15.06	19.5	602	19.5	31,329	19.5
<b>Installation, maintenance, and repair occupations .....</b>	<b>15.65</b>	<b>2.7</b>	<b>626</b>	<b>2.7</b>	<b>32,385</b>	<b>2.7</b>
First-line supervisors/managers of mechanics, installers, and repairers .....	21.11	4.8	845	4.8	43,918	4.8
Bus and truck mechanics and diesel engine specialists .....	15.90	12.6	636	12.6	33,074	12.6
Industrial machinery installation, repair, and maintenance workers .....	14.64	3.7	586	3.7	30,218	3.7
Industrial machinery mechanics .....	21.47	5.8	859	5.8	44,667	5.8
Maintenance and repair workers, general ..	13.39	4.9	536	4.9	27,593	4.9
Miscellaneous installation, maintenance, and repair workers .....	14.32	8.2	573	8.2	29,606	8.2

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>Production occupations</b> .....	\$17.37	7.7%	\$691	7.9%	\$35,507	7.9%
Water and liquid waste treatment plant and system operators .....	13.90	6.1	556	6.1	28,918	6.1
<b>Transportation and material moving occupations</b> .....	13.24	4.5	480	4.3	21,408	4.3
Bus drivers .....	14.93	8.2	487	9.0	19,040	9.0
Bus drivers, school .....	14.50	11.0	447	12.2	16,475	12.2
Laborers and material movers, hand .....	9.85	6.2	388	7.9	19,694	7.9
Refuse and recyclable material collectors .....	11.86	2.2	474	2.2	24,660	2.2

<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> .....	\$16.24	2.5%	\$650	3.0%	\$33,699	3.0%
<b>Management occupations</b> .....	36.58	4.3	1,540	5.1	79,798	5.1
General and operations managers .....	38.85	16.4	1,732	19.4	90,069	19.4
Marketing and sales managers .....	57.54	31.8	2,587	27.8	134,545	27.8
Sales managers .....	42.46	24.6	1,997	21.1	103,859	21.1
Financial managers .....	44.10	11.8	1,815	11.3	94,373	11.3
Human resources managers .....	32.96	8.0	1,335	8.6	69,437	8.6
Industrial production managers .....	33.53	4.8	1,359	4.3	70,679	4.3
Transportation, storage, and distribution managers .....	31.44	13.8	1,244	14.5	64,702	14.5
Construction managers .....	33.32	7.3	1,426	9.9	71,311	9.9
Education administrators .....	16.11	9.8	643	9.9	33,305	9.9
Education administrators, preschool and child care center/program .....	15.93	10.3	637	10.3	33,136	10.3
Food service managers .....	24.25	10.3	1,045	9.5	54,316	9.5
Medical and health services managers .....	29.26	12.3	1,237	15.4	64,324	15.4
Property, real estate, and community association managers .....	23.00	17.8	921	17.7	47,890	17.7
<b>Business and financial operations occupations</b> .....	31.09	5.5	1,258	6.1	65,413	6.1
Buyers and purchasing agents .....	27.59	15.1	1,164	12.9	60,549	12.9
Claims adjusters, appraisers, examiners, and investigators .....	30.14	12.5	1,194	14.0	62,069	14.0
Claims adjusters, examiners, and investigators .....	27.52	5.4	1,087	6.9	56,537	6.9
Human resources, training, and labor relations specialists .....	21.03	4.2	818	5.4	42,512	5.4
Accountants and auditors .....	35.42	13.1	1,429	12.6	74,321	12.6
Financial analysts and advisors .....	44.35	37.8	1,774	37.8	92,246	37.8
Loan counselors and officers .....	34.65	10.2	1,388	10.8	72,192	10.8
Loan officers .....	34.65	10.2	1,388	10.8	72,192	10.8
<b>Computer and mathematical science occupations</b> .....	33.50	12.7	1,346	12.6	69,418	12.6
Computer software engineers .....	44.08	12.2	1,766	12.1	91,854	12.1
Computer software engineers, systems software .....	47.12	6.3	1,885	6.3	98,014	6.3
Computer support specialists .....	24.15	19.4	966	19.4	50,242	19.4
Computer systems analysts .....	53.21	14.8	2,129	14.8	110,682	14.8
Network and computer systems administrators .....	27.07	9.7	1,099	10.5	53,591	10.5

See footnotes at end of table.

RSE Table 15

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

Occupation <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>Architecture and engineering occupations ....</b>	\$22.81	14.4%	\$925	14.5%	\$48,094	14.5%
Engineers .....	33.09	6.0	1,383	6.1	71,893	6.1
Civil engineers .....	28.98	11.6	1,260	13.7	65,523	13.7
Drafters .....	20.34	9.6	814	9.6	42,167	9.6
Electrical and electronic engineering technicians .....	24.54	20.4	982	20.4	51,045	20.4
Surveying and mapping technicians .....	13.27	5.2	531	5.2	27,592	5.2
<b>Life, physical, and social science occupations</b>	41.48	15.1	1,680	17.0	87,365	17.0
<b>Community and social services occupations</b>	15.07	4.7	603	4.7	31,349	4.7
Social workers .....	17.14	8.3	686	8.3	35,649	8.3
<b>Legal occupations .....</b>	20.41	11.5	842	13.8	43,801	13.8
Lawyers .....	33.33	7.0	1,558	13.3	81,015	13.3
Miscellaneous legal support workers .....	20.40	14.1	861	16.0	44,777	16.0
Title examiners, abstractors, and searchers	20.40	14.1	861	16.0	44,777	16.0
<b>Education, training, and library occupations</b>	15.68	15.2	626	14.8	28,212	14.8
Postsecondary teachers .....	19.42	15.8	762	13.5	37,912	13.5
Miscellaneous postsecondary teachers .....	19.64	11.1	782	10.6	40,676	10.6
Primary, secondary, and special education school teachers .....	19.82	20.4	790	20.5	32,433	20.5
Teacher assistants .....	10.19	13.2	407	13.2	19,545	13.2
<b>Arts, design, entertainment, sports, and media occupations .....</b>	17.59	13.2	699	13.6	36,366	13.6
Designers .....	20.11	18.9	810	19.7	42,107	19.7
Graphic designers .....	18.65	11.0	746	11.0	38,796	11.0
<b>Healthcare practitioner and technical occupations .....</b>	27.12	18.6	1,085	19.5	56,408	19.5
Pharmacists .....	50.50	1.2	2,020	1.2	105,043	1.2
Registered nurses .....	25.38	9.8	1,014	8.8	52,718	8.8
Therapists .....	38.96	18.0	1,559	18.0	81,044	18.0
Licensed practical and licensed vocational nurses .....	18.81	5.9	735	6.4	38,225	6.4
<b>Healthcare support occupations .....</b>	13.35	10.5	511	10.1	26,584	10.1
Nursing, psychiatric, and home health aides	9.20	3.7	352	3.9	18,303	3.9
Home health aides .....	8.18	14.6	313	13.9	16,279	13.9
Nursing aides, orderlies, and attendants ....	9.36	3.6	363	4.5	18,893	4.5

See footnotes at end of table.

RSE Table 15

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

Occupation <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>						
Miscellaneous healthcare support occupations .....	\$13.14	6.4%	\$498	5.0%	\$25,896	5.0%
Dental assistants .....	16.79	6.1	576	7.3	29,959	7.3
Medical assistants .....	11.37	3.7	454	3.9	23,610	3.9
<b>Protective service occupations</b> .....	9.65	17.7	384	17.5	19,964	17.5
Security guards and gaming surveillance officers .....	9.21	19.6	366	19.5	19,044	19.5
Security guards .....	9.21	19.6	366	19.5	19,044	19.5
<b>Food preparation and serving related occupations</b> .....						
First-line supervisors/managers, food preparation and serving workers .....	12.99	6.0	551	5.6	28,635	5.6
First-line supervisors/managers of food preparation and serving workers .....	12.99	6.0	551	5.6	28,635	5.6
Cooks .....	8.58	2.2	330	3.4	17,022	3.4
Cooks, fast food .....	7.55	3.7	278	8.0	14,467	8.0
Cooks, institution and cafeteria .....	10.46	10.2	397	10.9	19,268	10.9
Cooks, restaurant .....	9.02	3.5	352	3.8	18,314	3.8
Cooks, short order .....	8.14	3.1	325	3.1	16,924	3.1
Food preparation workers .....	7.72	11.4	295	13.1	15,330	13.1
Food service, tipped .....	3.87	6.5	142	7.6	7,377	7.6
Bartenders .....	5.89	9.9	218	13.7	11,320	13.7
Waiters and waitresses .....	3.14	6.8	115	6.9	5,968	6.9
Dining room and cafeteria attendants and bartender helpers .....	5.99	4.9	222	6.1	11,534	6.1
Fast food and counter workers .....	7.31	5.6	279	4.6	14,481	4.6
Combined food preparation and serving workers, including fast food .....	7.23	5.6	276	4.4	14,372	4.4
Counter attendants, cafeteria, food concession, and coffee shop .....	7.82	7.2	297	6.6	15,111	6.6
Dishwashers .....	7.42	4.1	287	3.3	14,901	3.3
Hosts and hostesses, restaurant, lounge, and coffee shop .....	6.83	14.9	255	12.9	13,267	12.9
<b>Building and grounds cleaning and maintenance occupations</b> .....						
First-line supervisors/managers, building and grounds cleaning and maintenance workers .....	10.11	9.8	389	10.9	20,212	10.9
Building cleaning workers .....	8.35	3.9	322	3.8	16,724	3.8

See footnotes at end of table.

RSE Table 15

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

Occupation <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>Building and grounds cleaning and maintenance occupations</b> –Continued						
Janitors and cleaners, except maids and housekeeping cleaners .....	\$8.65	13.7%	\$341	13.1%	\$17,710	13.1%
Maids and housekeeping cleaners .....	7.46	4.3	278	6.4	14,470	6.4
Grounds maintenance workers .....	8.45	9.4	334	8.9	17,237	8.9
<b>Personal care and service occupations</b> .....	8.96	4.8	346	4.3	17,993	4.3
First-line supervisors/managers of personal service workers .....	11.41	4.7	432	3.8	22,485	3.8
Child care workers .....	8.46	6.3	332	5.8	17,230	5.8
<b>Sales and related occupations</b> .....	17.49	6.1	715	6.1	37,154	6.1
First-line supervisors/managers, sales workers .....	22.76	22.9	957	23.0	49,774	23.0
First-line supervisors/managers of retail sales workers .....	16.04	3.1	670	3.7	34,840	3.7
First-line supervisors/managers of non-retail sales workers .....	40.25	49.1	1,725	48.9	89,723	48.9
Retail sales workers .....	11.68	7.8	474	8.8	24,646	8.8
Cashiers, all workers .....	7.24	4.6	283	4.5	14,697	4.5
Cashiers .....	7.24	4.6	283	4.5	14,697	4.5
Counter and rental clerks and parts salespersons .....	15.22	19.1	608	19.5	31,637	19.5
Counter and rental clerks .....	15.97	24.7	637	25.2	33,103	25.2
Parts salespersons .....	13.79	10.0	555	10.7	28,841	10.7
Retail salespersons .....	12.94	7.0	542	9.5	28,164	9.5
Insurance sales agents .....	19.00	4.8	777	5.7	40,385	5.7
Securities, commodities, and financial services sales agents .....	24.91	29.2	996	29.2	51,803	29.2
Sales representatives, wholesale and manufacturing .....	23.22	16.1	965	15.7	50,206	15.7
Sales representatives, wholesale and manufacturing, technical and scientific products .....	29.33	19.7	1,220	19.6	63,443	19.6
Sales representatives, wholesale and manufacturing, except technical and scientific products .....	21.22	24.9	882	25.0	45,869	25.0
Miscellaneous sales and related workers .....	20.36	46.0	812	45.7	42,205	45.7
<b>Office and administrative support occupations</b> .....	13.85	3.2	547	3.2	28,442	3.2

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>Office and administrative support occupations –Continued</b>						
First-line supervisors/managers of office and administrative support workers .....	\$20.80	4.6%	\$829	4.7%	\$43,114	4.7%
Financial clerks .....	13.20	4.2	525	4.2	27,277	4.2
Bill and account collectors .....	13.98	16.8	559	16.8	29,082	16.8
Billing and posting clerks and machine operators .....	13.19	3.7	520	3.6	27,035	3.6
Bookkeeping, accounting, and auditing clerks .....	13.99	3.8	555	4.2	28,837	4.2
Tellers .....	11.77	4.7	471	4.7	24,478	4.7
Credit authorizers, checkers, and clerks .....	12.03	8.8	454	10.0	23,599	10.0
Customer service representatives .....	17.04	6.6	666	6.9	34,489	6.9
Hotel, motel, and resort desk clerks .....	8.31	8.7	321	9.1	16,707	9.1
Loan interviewers and clerks .....	16.43	9.4	647	9.5	33,645	9.5
New accounts clerks .....	11.74	8.4	468	8.5	24,335	8.5
Order clerks .....	10.89	4.7	435	4.7	22,645	4.7
Receptionists and information clerks .....	11.29	2.8	447	2.8	23,230	2.8
Dispatchers .....	11.33	16.3	464	21.6	24,125	21.6
Dispatchers, except police, fire, and ambulance .....	11.38	16.8	467	22.0	24,268	22.0
Production, planning, and expediting clerks .....	14.24	18.2	570	18.2	29,624	18.2
Shipping, receiving, and traffic clerks .....	12.43	11.5	495	11.5	25,720	11.5
Stock clerks and order fillers .....	11.24	6.3	459	7.8	23,431	7.8
Secretaries and administrative assistants .....	16.94	4.0	663	3.8	34,491	3.8
Executive secretaries and administrative assistants .....	20.08	7.8	800	7.6	41,592	7.6
Legal secretaries .....	15.45	5.1	612	5.5	31,837	5.5
Medical secretaries .....	15.81	16.0	620	15.7	32,239	15.7
Secretaries, except legal, medical, and executive .....	15.47	4.1	593	4.2	30,795	4.2
Data entry and information processing workers .....	12.61	13.7	501	13.1	26,030	13.1
Data entry keyers .....	11.20	7.8	448	7.8	23,289	7.8
Insurance claims and policy processing clerks .....	14.51	7.9	567	7.4	29,475	7.4
Office clerks, general .....	11.99	2.2	470	1.5	24,463	1.5
<b>Construction and extraction occupations .....</b>	<b>15.79</b>	<b>7.7</b>	<b>633</b>	<b>7.7</b>	<b>32,785</b>	<b>7.7</b>
First-line supervisors/managers of construction trades and extraction workers .....	24.85	19.5	1,023	20.5	53,198	20.5
Construction laborers .....	10.44	7.0	417	7.0	21,644	7.0

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>Construction and extraction occupations</b>						
–Continued						
Construction equipment operators .....	\$13.59	5.0%	\$544	5.0%	\$28,274	5.0%
Operating engineers and other construction equipment operators .....	14.45	2.1	578	2.1	30,049	2.1
Electricians .....	16.11	9.9	645	9.9	33,516	9.9
Pipelayers, plumbers, pipefitters, and steamfitters .....	18.45	9.4	738	9.4	38,377	9.4
Plumbers, pipefitters, and steamfitters .....	19.35	7.5	774	7.5	40,242	7.5
Sheet metal workers .....	15.28	5.7	611	5.7	31,791	5.7
Helpers, construction trades .....	11.35	7.0	454	7.0	23,468	7.0
Miscellaneous construction and related workers .....	14.00	15.8	560	15.8	29,124	15.8
<b>Installation, maintenance, and repair   occupations</b> .....	17.60	3.2	712	3.2	36,774	3.2
First-line supervisors/managers of mechanics, installers, and repairers .....	24.13	7.0	1,029	6.3	53,518	6.3
Computer, automated teller, and office machine repairers .....	15.92	16.9	637	16.9	33,119	16.9
Radio and telecommunications equipment installers and repairers .....	21.94	10.2	878	10.2	45,630	10.2
Telecommunications equipment installers and repairers, except line installers .....	21.94	10.2	878	10.2	45,630	10.2
Miscellaneous electrical and electronic equipment mechanics, installers, and repairers .....	17.78	7.8	718	8.6	37,350	8.6
Electrical and electronics repairers, commercial and industrial equipment .....	16.74	7.3	670	7.3	34,816	7.3
Automotive technicians and repairers .....	16.90	6.5	688	6.5	35,791	6.5
Automotive body and related repairers .....	14.47	11.9	579	11.9	30,095	11.9
Automotive service technicians and mechanics .....	17.55	7.7	718	7.8	37,343	7.8
Bus and truck mechanics and diesel engine specialists .....	16.66	9.1	675	10.3	35,106	10.3
Heavy vehicle and mobile equipment service technicians and mechanics .....	16.24	5.8	650	5.8	33,788	5.8
Heating, air conditioning, and refrigeration mechanics and installers .....	19.66	14.8	793	15.0	41,254	15.0
Industrial machinery installation, repair, and maintenance workers .....	16.48	7.3	659	7.3	33,951	7.3
Industrial machinery mechanics .....	20.83	19.2	833	19.2	41,162	19.2
Maintenance and repair workers, general ..	14.61	7.8	585	7.8	30,397	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>Installation, maintenance, and repair occupations</b> –Continued						
Line installers and repairers .....	\$24.44	8.4%	\$978	8.4%	\$50,833	8.4%
Electrical power-line installers and repairers .....	27.18	4.7	1,087	4.7	56,543	4.7
Telecommunications line installers and repairers .....	23.02	11.8	921	11.8	47,886	11.8
Miscellaneous installation, maintenance, and repair workers .....	13.06	14.6	521	14.4	26,595	14.4
Helpers--installation, maintenance, and repair workers .....	10.15	11.6	406	11.6	20,071	11.6
<b>Production occupations</b> .....	12.70	5.2	507	5.2	26,365	5.2
First-line supervisors/managers of production and operating workers .....	18.71	7.8	758	7.3	39,416	7.3
Electrical, electronics, and electromechanical assemblers .....	9.79	5.8	392	5.8	20,366	5.8
Electrical and electronic equipment assemblers .....	9.49	11.8	380	11.8	19,748	11.8
Miscellaneous assemblers and fabricators .....	9.35	8.8	374	8.8	19,448	8.8
Bakers .....	9.05	19.7	362	19.7	18,815	19.7
Butchers and other meat, poultry, and fish processing workers .....	12.91	14.7	516	14.7	26,849	14.7
Machine tool cutting setters, operators, and tenders, metal and plastic .....	13.24	2.4	530	2.4	27,545	2.4
Machinists .....	14.39	8.2	577	9.2	29,995	9.2
Molders and molding machine setters, operators, and tenders, metal and plastic Molding, coremaking, and casting machine setters, operators, and tenders, metal and plastic .....	10.53	12.2	421	12.2	21,899	12.2
Welding, soldering, and brazing workers .....	12.88	5.3	515	5.3	26,791	5.3
Welders, cutters, solderers, and brazers .....	12.88	5.3	515	5.3	26,782	5.3
Bookbinders and bindery workers .....	15.29	8.0	612	8.0	31,813	8.0
Bindery workers .....	14.95	9.0	598	9.0	31,088	9.0
Printers .....	15.97	8.0	633	8.4	32,911	8.4
Printing machine operators .....	16.81	11.5	667	11.6	34,675	11.6
Laundry and dry-cleaning workers .....	9.10	6.4	360	6.3	18,735	6.3
Sewing machine operators .....	9.24	9.6	370	9.6	19,223	9.6
Miscellaneous plant and system operators .....	24.37	15.7	975	15.7	50,700	15.7
Inspectors, testers, sorters, samplers, and weighers .....	16.87	7.0	675	7.0	35,085	7.0
Painting workers .....	10.69	8.9	428	8.9	22,233	8.9

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>Production occupations –Continued</b>						
Miscellaneous production workers .....	\$10.52	12.2%	\$419	12.0%	\$21,812	12.0%
Helpers--production workers .....	10.83	4.8	428	5.2	22,261	5.2
<b>Transportation and material moving occupations .....</b>						
First-line supervisors/managers of helpers, laborers, and material movers, hand .....	12.78	6.6	528	10.0	27,275	10.0
Driver/sales workers and truck drivers .....	13.70	9.4	548	9.4	28,504	9.4
Driver/sales workers .....	13.85	6.7	592	12.0	30,717	12.0
Truck drivers, heavy and tractor-trailer .....	13.65	12.0	571	11.3	29,702	11.3
Truck drivers, light or delivery services .....	14.83	13.0	651	20.6	33,869	20.6
Dredge, excavating, and loading machine operators .....	12.17	8.2	499	6.7	25,789	6.7
Excavating and loading machine and dragline operators .....	12.56	8.3	503	8.3	26,132	8.3
Industrial truck and tractor operators .....	12.56	8.3	503	8.3	26,132	8.3
Laborers and material movers, hand .....	11.15	21.7	447	21.5	23,254	21.5
Cleaners of vehicles and equipment .....	9.20	5.6	366	5.9	18,750	5.9
Laborers and freight, stock, and material movers, hand .....	9.29	6.2	372	6.2	19,328	6.2
Packers and packagers, hand .....	9.31	8.0	368	8.7	18,603	8.7
	8.37	9.7	335	9.7	17,401	9.7

<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> .....	\$20.57	1.7%	\$818	1.6%	\$42,392	1.6%
<b>Management occupations</b> .....	45.92	4.7	1,872	4.5	97,304	4.5
General and operations managers .....	53.23	9.7	2,224	8.2	115,624	8.2
Advertising and promotions managers .....	33.82	17.8	1,449	21.1	75,328	21.1
Marketing and sales managers .....	49.12	10.1	1,985	10.2	103,202	10.2
Marketing managers .....	50.22	10.0	2,009	10.0	104,465	10.0
Sales managers .....	47.23	16.5	1,942	16.1	100,985	16.1
Administrative services managers .....	40.06	6.8	1,677	8.8	87,184	8.8
Computer and information systems managers .....	57.68	13.2	2,321	12.6	120,673	12.6
Financial managers .....	60.36	3.0	2,421	2.9	125,900	2.9
Human resources managers .....	37.07	8.8	1,483	8.8	77,100	8.8
Industrial production managers .....	41.16	12.3	1,761	10.5	91,574	10.5
Purchasing managers .....	56.29	12.4	2,252	12.4	117,089	12.4
Transportation, storage, and distribution managers .....	36.34	10.0	1,454	10.0	75,587	10.0
Construction managers .....	32.18	6.2	1,305	6.1	67,856	6.1
Education administrators .....	43.09	14.8	1,622	14.0	82,164	14.0
Education administrators, postsecondary ..	34.23	10.4	1,252	10.4	62,970	10.4
Engineering managers .....	63.40	7.3	2,557	7.2	132,940	7.2
Medical and health services managers .....	30.16	17.6	1,255	20.3	65,243	20.3
<b>Business and financial operations occupations</b> .....	28.22	1.5	1,130	1.5	58,758	1.5
Buyers and purchasing agents .....	28.13	5.0	1,130	4.9	58,742	4.9
Wholesale and retail buyers, except farm products .....	29.47	14.2	1,179	14.2	61,306	14.2
Purchasing agents, except wholesale, retail, and farm products .....	27.45	4.8	1,105	4.5	57,443	4.5
Claims adjusters, appraisers, examiners, and investigators .....	22.13	1.7	869	1.8	45,187	1.8
Claims adjusters, examiners, and investigators .....	22.31	1.7	875	1.8	45,515	1.8
Cost estimators .....	30.83	14.3	1,244	14.3	64,672	14.3
Human resources, training, and labor relations specialists .....	29.31	10.6	1,172	10.6	60,956	10.6
Employment, recruitment, and placement specialists .....	26.53	9.2	1,061	9.2	55,183	9.2
Training and development specialists .....	35.25	27.2	1,409	27.3	73,265	27.3
Logisticians .....	32.77	10.4	1,311	10.4	68,152	10.4
Management analysts .....	31.32	9.4	1,257	9.7	65,370	9.7
Accountants and auditors .....	26.78	3.8	1,072	3.9	55,727	3.9
Financial analysts and advisors .....	27.53	9.5	1,100	9.5	57,214	9.5

See footnotes at end of table.

RSE Table 16

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

Occupation <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 .....	\$27.65	7.1%	\$1,106	7.1%	\$57,510	7.1%
Personal financial advisors .....	23.04	15.0	921	15.0	47,915	15.0
Loan counselors and officers .....	27.46	10.0	1,101	10.1	57,244	10.1
Loan officers .....	27.46	10.0	1,101	10.1	57,244	10.1
<b>Computer and mathematical science occupations .....</b>						
Computer programmers .....	36.55	2.7	1,464	2.7	76,086	2.7
Computer software engineers .....	35.56	9.1	1,423	9.2	73,684	9.2
Computer software engineers, applications .....	40.60	1.9	1,626	1.9	84,532	1.9
Computer software engineers, systems software .....	39.46	7.0	1,582	7.1	82,271	7.1
Computer support specialists .....	41.49	4.1	1,660	4.1	86,296	4.1
Computer systems analysts .....	27.16	7.4	1,091	7.7	56,719	7.7
Computer systems analysts .....	39.06	2.5	1,563	2.4	81,294	2.4
Database administrators .....	21.79	12.0	872	12.0	45,329	12.0
Network and computer systems administrators .....	23.86	19.2	954	19.2	49,621	19.2
Network systems and data communications analysts .....	30.54	1.2	1,222	1.2	63,522	1.2
<b>Architecture and engineering occupations .....</b>						
Architects, except naval .....	37.50	3.4	1,507	3.2	78,388	3.2
Architects, except landscape and naval .....	33.35	1.1	1,334	1.1	69,364	1.1
Architects, except landscape and naval .....	33.35	1.1	1,334	1.1	69,364	1.1
Engineers .....	42.16	2.0	1,698	1.6	88,271	1.6
Aerospace engineers .....	35.29	12.8	1,412	12.8	73,414	12.8
Chemical engineers .....	49.82	10.6	2,032	8.4	105,690	8.4
Civil engineers .....	43.63	20.0	1,768	19.0	91,939	19.0
Computer hardware engineers .....	40.36	7.9	1,650	8.4	85,807	8.4
Electrical and electronics engineers .....	44.41	5.1	1,776	5.1	92,363	5.1
Electrical engineers .....	46.82	12.7	1,873	12.7	97,384	12.7
Electronics engineers, except computer .....	41.69	4.4	1,668	4.4	86,715	4.4
Industrial engineers, including health and safety .....	36.41	4.4	1,461	4.6	75,992	4.6
Industrial engineers .....	35.58	6.0	1,429	6.2	74,300	6.2
Mechanical engineers .....	37.72	10.0	1,509	10.0	78,451	10.0
Petroleum engineers .....	48.34	21.1	1,934	21.1	100,545	21.1
Drafters .....	28.89	11.4	1,158	11.3	60,212	11.3
Engineering technicians, except drafters .....	24.07	5.7	965	5.8	50,186	5.8
Electrical and electronic engineering technicians .....	23.74	7.6	950	7.6	49,379	7.6

See footnotes at end of table.

RSE Table 16

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

Occupation <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>	\$33.09	15.4%	\$1,332	15.4%	\$69,253	15.4%
Physical scientists .....	41.61	19.5	1,664	19.5	86,548	19.5
Environmental scientists and geoscientists	55.26	43.0	2,211	43.0	114,951	43.0
<b>Community and social services occupations</b>	17.77	11.6	713	11.5	36,863	11.5
Counselors .....	21.39	12.7	849	12.4	43,503	12.4
Educational, vocational, and school counselors .....	18.87	21.2	743	19.4	37,603	19.4
Social workers .....	19.88	4.8	806	4.3	41,922	4.3
Medical and public health social workers	20.85	3.4	834	3.4	43,374	3.4
Miscellaneous community and social service specialists .....	11.63	17.0	464	17.1	24,059	17.1
Social and human service assistants .....	10.85	20.8	434	20.8	22,482	20.8
<b>Legal occupations</b> .....	50.46	12.1	2,075	12.8	107,908	12.8
Lawyers .....	75.03	3.4	3,186	3.6	165,688	3.6
Paralegals and legal assistants .....	31.26	1.4	1,250	1.4	65,022	1.4
<b>Education, training, and library occupations</b>	34.69	28.7	1,367	28.5	61,411	28.5
Postsecondary teachers .....	57.20	24.9	2,240	25.2	95,100	25.2
Health teachers, postsecondary .....	90.45	32.8	3,549	33.5	170,366	33.5
Arts, communications, and humanities teachers, postsecondary .....	40.55	7.3	1,545	7.2	60,982	7.2
Art, drama, and music teachers, postsecondary .....	36.72	6.3	1,472	8.0	54,857	8.0
Miscellaneous postsecondary teachers .....	40.28	16.9	1,585	16.3	66,864	16.3
Primary, secondary, and special education school teachers .....	19.87	16.2	790	16.2	35,073	16.2
Elementary and middle school teachers .....	28.28	8.6	1,127	7.0	42,012	7.0
Middle school teachers, except special and vocational education .....	27.93	9.1	1,138	6.0	42,039	6.0
Secondary school teachers .....	22.75	15.6	898	15.0	39,602	15.0
Secondary school teachers, except special and vocational education .....	28.30	15.7	1,107	14.7	43,846	14.7
<b>Arts, design, entertainment, sports, and media occupations</b> .....	26.14	7.8	1,037	8.0	52,588	8.0
Designers .....	21.38	11.0	856	11.0	44,504	11.0
Graphic designers .....	18.41	9.0	737	9.1	38,346	9.1
News analysts, reporters and correspondents	21.11	10.5	844	10.5	43,903	10.5
Reporters and correspondents .....	21.11	10.5	844	10.5	43,903	10.5
Writers and editors .....	22.70	7.9	908	7.9	47,209	7.9

See footnotes at end of table.

RSE Table 16

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

Occupation <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> .....	\$25.60	6.1%	\$1,009	6.4%	\$52,490	6.4%
Pharmacists .....	51.23	2.9	2,070	1.6	107,665	1.6
Registered nurses .....	28.73	3.5	1,126	4.0	58,550	4.0
Therapists .....	25.43	6.5	1,003	7.0	52,182	7.0
Occupational therapists .....	23.55	13.0	942	13.0	48,989	13.0
Respiratory therapists .....	22.39	2.8	894	3.1	46,470	3.1
Clinical laboratory technologists and technicians .....	18.18	16.0	720	15.7	37,442	15.7
Medical and clinical laboratory technologists .....	23.80	7.3	943	6.9	49,024	6.9
Medical and clinical laboratory technicians .....	13.43	11.3	532	10.5	27,668	10.5
Diagnostic related technologists and technicians .....	22.72	6.3	909	6.3	47,255	6.3
Radiologic technologists and technicians ..	23.82	4.1	953	4.1	49,551	4.1
Health diagnosing and treating practitioner support technicians .....	15.98	1.4	629	1.9	32,683	1.9
Pharmacy technicians .....	14.22	3.2	549	5.5	28,539	5.5
Respiratory therapy technicians .....	20.29	3.2	812	3.2	42,198	3.2
Surgical technologists .....	16.66	2.9	654	3.2	34,005	3.2
Licensed practical and licensed vocational nurses .....	17.56	2.3	693	2.7	36,041	2.7
Medical records and health information technicians .....	17.81	32.6	700	33.2	36,405	33.2
Miscellaneous health technologists and technicians .....	16.63	16.1	665	16.1	34,584	16.1
Occupational health and safety specialists and technicians .....	23.99	21.7	960	21.7	49,898	21.7
Occupational health and safety specialists	23.99	21.7	960	21.7	49,898	21.7
<b>Healthcare support occupations</b> .....	9.92	4.8	375	7.6	19,497	7.6
Nursing, psychiatric, and home health aides	9.17	3.7	342	8.1	17,762	8.1
Home health aides .....	7.27	8.3	230	23.2	11,939	23.2
Nursing aides, orderlies, and attendants ....	9.73	1.5	383	1.7	19,917	1.7
Miscellaneous healthcare support occupations .....	11.93	4.6	471	5.3	24,511	5.3
Medical assistants .....	11.33	3.5	453	3.5	23,573	3.5
<b>Protective service occupations</b> .....	11.11	5.0	443	5.0	22,660	5.0
Security guards and gaming surveillance officers .....	10.73	3.4	428	3.4	22,277	3.4
Security guards .....	10.73	3.4	428	3.4	22,277	3.4

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>Food preparation and serving related occupations</b> .....	\$8.11	4.7%	\$307	4.8%	\$15,930	4.8%
First-line supervisors/managers, food preparation and serving workers .....	15.65	6.1	626	6.1	32,543	6.1
First-line supervisors/managers of food preparation and serving workers .....	15.65	6.1	626	6.1	32,543	6.1
Cooks .....	9.73	2.4	384	3.4	19,941	3.4
Cooks, institution and cafeteria .....	9.53	2.0	379	1.9	19,658	1.9
Cooks, restaurant .....	9.41	4.8	363	8.2	18,872	8.2
Food preparation workers .....	8.80	9.6	352	9.6	18,309	9.6
Food service, tipped .....	4.59	18.5	170	18.1	8,752	18.1
Bartenders .....	5.05	9.9	188	14.2	8,932	14.2
Waiters and waitresses .....	2.81	10.0	99	7.9	5,145	7.9
Dining room and cafeteria attendants and bartender helpers .....	6.73	21.1	266	22.3	13,810	22.3
Fast food and counter workers .....	9.50	6.7	351	6.2	18,225	6.2
Combined food preparation and serving workers, including fast food .....	9.50	6.7	351	6.2	18,225	6.2
Food servers, nonrestaurant .....	7.52	11.8	281	9.7	14,623	9.7
Dishwashers .....	8.18	3.9	314	6.0	16,319	6.0
<b>Building and grounds cleaning and maintenance occupations</b> .....	8.99	3.3	345	5.1	17,807	5.1
First-line supervisors/managers, building and grounds cleaning and maintenance workers .....	11.94	12.6	497	14.3	25,827	14.3
Building cleaning workers .....	8.85	4.2	338	5.9	17,442	5.9
Janitors and cleaners, except maids and housekeeping cleaners .....	9.41	4.2	370	4.7	19,234	4.7
Maids and housekeeping cleaners .....	8.09	5.4	297	8.7	15,235	8.7
Grounds maintenance workers .....	8.80	5.0	339	6.2	17,609	6.2
<b>Personal care and service occupations</b> .....	13.55	6.3	456	2.1	22,877	2.1
Baggage porters, bellhops, and concierges ....	7.10	8.3	284	8.3	14,776	8.3
Baggage porters and bellhops .....	7.10	8.3	284	8.3	14,776	8.3
Transportation attendants .....	34.01	16.0	684	3.5	35,575	3.5
Flight attendants .....	40.01	1.2	726	3.4	37,743	3.4
<b>Sales and related occupations</b> .....	18.20	6.0	719	6.7	37,295	6.7
First-line supervisors/managers, sales workers .....	26.12	7.4	1,036	8.5	53,849	8.5
First-line supervisors/managers of retail sales workers .....	17.98	16.0	709	17.7	36,875	17.7

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>Sales and related occupations –Continued</b>						
First-line supervisors/managers of non-retail sales workers .....	\$43.35	6.7%	\$1,737	6.4%	\$90,322	6.4%
Retail sales workers .....	12.03	8.0	471	8.6	24,378	8.6
Cashiers, all workers .....	10.32	2.6	403	2.7	20,678	2.7
Cashiers .....	10.32	2.6	403	2.7	20,678	2.7
Counter and rental clerks and parts salespersons .....	22.69	15.1	911	15.4	47,353	15.4
Retail salespersons .....	12.42	10.5	486	11.5	25,287	11.5
Advertising sales agents .....	37.71	17.9	1,508	17.9	78,437	17.9
Insurance sales agents .....	17.77	5.7	711	5.7	36,968	5.7
Securities, commodities, and financial services sales agents .....	20.19	11.3	808	11.3	41,994	11.3
Sales representatives, wholesale and manufacturing .....	41.37	9.3	1,670	9.3	86,829	9.3
Sales representatives, wholesale and manufacturing, except technical and scientific products .....	38.28	14.4	1,554	14.2	80,799	14.2
Telemarketers .....	9.32	6.8	369	5.9	19,210	5.9
Miscellaneous sales and related workers .....	12.55	22.3	503	22.5	25,858	22.5
<b>Office and administrative support occupations .....</b>						
First-line supervisors/managers of office and administrative support workers .....	14.50	2.0	577	2.0	29,994	2.0
Switchboard operators, including answering service .....	25.47	4.3	1,022	4.2	53,152	4.2
Financial clerks .....	10.10	9.0	390	10.9	20,280	10.9
Bill and account collectors .....	14.72	2.7	586	2.9	30,496	2.9
Billing and posting clerks and machine operators .....	14.70	6.9	586	6.9	30,472	6.9
Bookkeeping, accounting, and auditing clerks .....	14.56	7.2	583	7.2	30,293	7.2
Payroll and timekeeping clerks .....	15.19	4.0	606	4.3	31,490	4.3
Tellers .....	13.75	4.8	531	7.8	27,621	7.8
Correspondence clerks .....	11.33	3.4	453	3.4	23,565	3.4
Credit authorizers, checkers, and clerks .....	17.60	5.4	704	5.4	36,605	5.4
Customer service representatives .....	15.18	5.0	607	5.0	31,575	5.0
File clerks .....	13.15	5.5	524	5.4	27,228	5.4
Hotel, motel, and resort desk clerks .....	12.34	6.0	491	6.3	25,525	6.3
Interviewers, except eligibility and loan .....	9.24	3.5	370	3.5	19,223	3.5
Loan interviewers and clerks .....	13.52	14.7	544	14.3	28,296	14.3
Order clerks .....	14.26	8.2	570	8.2	29,651	8.2
	12.86	12.9	508	12.9	26,397	12.9

See footnotes at end of table.



RSE Table 16

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

Occupation <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>						
Human resources assistants, except payroll and timekeeping .....	\$16.20	9.0%	\$644	9.2%	\$33,467	9.2%
Receptionists and information clerks .....	11.06	4.4	437	4.9	22,540	4.9
Reservation and transportation ticket agents and travel clerks .....	15.68	11.1	627	11.1	32,613	11.1
Couriers and messengers .....	11.90	6.3	476	6.3	24,752	6.3
Dispatchers .....	16.62	13.3	653	12.2	33,944	12.2
Dispatchers, except police, fire, and ambulance .....	16.62	13.3	653	12.2	33,944	12.2
Production, planning, and expediting clerks .....	17.51	6.3	700	6.3	36,423	6.3
Shipping, receiving, and traffic clerks .....	11.00	1.0	439	1.1	22,851	1.1
Stock clerks and order fillers .....	12.68	6.1	503	5.8	26,164	5.8
Secretaries and administrative assistants .....	17.62	5.6	700	5.9	36,355	5.9
Executive secretaries and administrative assistants .....	21.23	1.8	849	1.8	44,066	1.8
Medical secretaries .....	11.64	9.1	466	9.1	24,219	9.1
Secretaries, except legal, medical, and executive .....	16.98	7.0	666	7.9	34,643	7.9
Computer operators .....	17.55	8.9	701	8.9	36,462	8.9
Data entry and information processing workers .....	11.47	2.2	457	2.1	23,716	2.1
Data entry keyers .....	11.70	2.9	466	3.0	24,158	3.0
Word processors and typists .....	10.79	8.9	432	8.9	22,442	8.9
Insurance claims and policy processing clerks .....	14.20	11.7	564	11.6	29,332	11.6
Office clerks, general .....	12.91	6.1	515	6.1	26,764	6.1
<b>Construction and extraction occupations .....</b>	<b>17.70</b>	<b>8.7</b>	<b>723</b>	<b>10.2</b>	<b>37,570</b>	<b>10.2</b>
First-line supervisors/managers of construction trades and extraction workers .....	24.34	2.4	1,049	5.0	54,555	5.0
Carpenters .....	13.92	3.8	557	3.8	28,954	3.8
Cement masons, concrete finishers, and terrazzo workers .....	12.30	4.3	492	4.3	25,576	4.3
Cement masons and concrete finishers .....	12.30	4.3	492	4.3	25,576	4.3
Construction laborers .....	11.69	4.3	469	4.5	24,396	4.5
Construction equipment operators .....	16.80	7.7	672	7.7	34,939	7.7
Operating engineers and other construction equipment operators .....	16.96	7.9	678	7.9	35,271	7.9
Electricians .....	17.23	9.5	689	9.5	35,844	9.5
Painters and paperhangers .....	15.25	4.0	610	4.0	31,721	4.0

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>Construction and extraction occupations</b>						
–Continued						
Painters, construction and maintenance ....	\$15.25	4.0%	\$610	4.0%	\$31,721	4.0%
Pipelayers, plumbers, pipefitters, and steamfitters .....	19.20	6.2	768	6.2	39,927	6.2
Plumbers, pipefitters, and steamfitters .....	19.57	7.1	783	7.1	40,702	7.1
Sheet metal workers .....	13.91	4.1	556	4.1	28,926	4.1
Helpers, construction trades .....	11.26	4.5	450	4.5	23,426	4.5
Miscellaneous construction and related workers .....	15.15	25.3	606	25.3	31,502	25.3
Derrick, rotary drill, and service unit operators, oil, gas, and mining .....	21.17	23.6	847	23.6	44,036	23.6
<b>Installation, maintenance, and repair occupations</b> .....	20.18	3.9	809	3.9	42,087	3.9
First-line supervisors/managers of mechanics, installers, and repairers .....	30.85	10.3	1,249	9.7	64,939	9.7
Miscellaneous electrical and electronic equipment mechanics, installers, and repairers .....	21.71	6.6	869	6.6	45,165	6.6
Electrical and electronics repairers, commercial and industrial equipment .....	21.65	8.6	866	8.6	45,034	8.6
Aircraft mechanics and service technicians ..	26.79	7.2	1,071	7.2	55,716	7.2
Automotive technicians and repairers .....	19.22	11.7	795	13.4	41,359	13.4
Automotive service technicians and mechanics .....	19.86	13.3	819	15.5	42,581	15.5
Bus and truck mechanics and diesel engine specialists .....	17.40	4.5	696	4.5	36,201	4.5
Heavy vehicle and mobile equipment service technicians and mechanics .....	20.37	9.8	815	9.8	42,369	9.8
Mobile heavy equipment mechanics, except engines .....	19.69	1.1	788	1.1	40,953	1.1
Rail car repairers .....	21.98	17.8	879	17.8	45,719	17.8
Heating, air conditioning, and refrigeration mechanics and installers .....	22.34	9.0	878	10.0	45,667	10.0
Industrial machinery installation, repair, and maintenance workers .....	17.72	5.9	707	6.0	36,764	6.0
Industrial machinery mechanics .....	19.02	6.5	761	6.5	39,563	6.5
Maintenance and repair workers, general ..	17.06	10.7	682	10.7	35,420	10.7
Maintenance workers, machinery .....	15.14	11.0	601	10.9	31,227	10.9
Miscellaneous installation, maintenance, and repair workers .....	14.66	6.5	591	6.7	30,706	6.7

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>Installation, maintenance, and repair occupations</b> –Continued						
Helpers--installation, maintenance, and repair workers .....	\$12.30	9.6%	\$492	9.6%	\$25,591	9.6%
<b>Production occupations</b> .....	14.36	3.4	572	3.5	29,753	3.5
First-line supervisors/managers of production and operating workers .....	23.74	5.7	949	5.6	49,341	5.6
Aircraft structure, surfaces, rigging, and systems assemblers .....	21.10	11.6	844	11.6	43,894	11.6
Electrical, electronics, and electromechanical assemblers .....	12.15	3.5	485	3.5	25,227	3.5
Electrical and electronic equipment assemblers .....	12.32	3.5	492	3.4	25,565	3.4
Miscellaneous assemblers and fabricators .....	12.58	8.9	501	9.1	26,062	9.1
Butchers and other meat, poultry, and fish processing workers .....	10.87	7.9	431	8.0	22,412	8.0
Butchers and meat cutters .....	15.35	3.2	572	6.2	29,742	6.2
Miscellaneous food processing workers .....	10.96	12.4	438	12.4	22,789	12.4
Forming machine setters, operators, and tenders, metal and plastic .....	12.01	22.4	476	22.6	24,727	22.6
Extruding and drawing machine setters, operators, and tenders, metal and plastic .....	12.01	22.4	476	22.6	24,727	22.6
Machine tool cutting setters, operators, and tenders, metal and plastic .....	12.89	13.5	516	13.5	26,809	13.5
Cutting, punching, and press machine setters, operators, and tenders, metal and plastic .....	10.73	7.0	429	7.0	22,321	7.0
Grinding, lapping, polishing, and buffing machine tool setters, operators, and tenders, metal and plastic .....	12.09	11.7	484	11.7	25,143	11.7
Machinists .....	20.46	10.1	819	10.1	42,563	10.1
Multiple machine tool setters, operators, and tenders, metal and plastic .....	12.55	13.3	502	13.3	26,103	13.3
Welding, soldering, and brazing workers .....	16.37	8.6	655	8.6	34,057	8.6
Welders, cutters, solderers, and brazers .....	16.63	8.5	665	8.5	34,600	8.5
Miscellaneous metalworkers and plastic workers .....	15.75	8.0	629	8.0	32,703	8.0
Printers .....	17.01	10.0	680	10.0	35,372	10.0
Prepress technicians and workers .....	22.30	4.3	892	4.3	46,393	4.3
Printing machine operators .....	15.51	7.4	621	7.4	32,268	7.4

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>Production occupations –Continued</b>						
Miscellaneous textile, apparel, and furnishings workers .....	\$13.81	16.1%	\$538	14.5%	\$27,975	14.5%
Stationary engineers and boiler operators .....	18.35	10.1	734	10.1	38,169	10.1
Miscellaneous plant and system operators .....	28.21	2.3	1,129	2.3	58,730	2.3
Petroleum pump system operators, refinery operators, and gaugers .....	28.29	.4	1,133	.4	58,918	.4
Chemical processing machine setters, operators, and tenders .....	25.47	1.6	1,019	1.6	52,984	1.6
Crushing, grinding, polishing, mixing, and blending workers .....	14.57	11.0	583	11.0	30,296	11.0
Mixing and blending machine setters, operators, and tenders .....	14.09	12.2	564	12.2	29,313	12.2
Inspectors, testers, sorters, samplers, and weighers .....	13.53	6.7	541	6.7	28,138	6.7
Packaging and filling machine operators and tenders .....	12.99	3.2	520	3.2	27,028	3.2
Painting workers .....	19.66	10.9	793	11.4	41,222	11.4
Painters, transportation equipment .....	25.60	22.1	1,038	23.3	53,973	23.3
Miscellaneous production workers .....	11.20	2.6	445	2.5	23,119	2.5
<b>Transportation and material moving occupations .....</b>						
First-line supervisors/managers of helpers, laborers, and material movers, hand .....	19.37	7.4	780	7.4	40,541	7.4
First-line supervisors/managers of transportation and material-moving machine and vehicle operators .....	26.28	21.7	1,099	21.3	57,150	21.3
Bus drivers .....	15.12	11.9	605	11.9	31,441	11.9
Driver/sales workers and truck drivers .....	18.36	8.2	797	6.9	41,419	6.9
Truck drivers, heavy and tractor-trailer .....	18.64	9.0	835	7.1	43,409	7.1
Truck drivers, light or delivery services .....	17.49	12.6	700	12.6	36,383	12.6
Crane and tower operators .....	19.42	5.3	777	5.3	40,387	5.3
Industrial truck and tractor operators .....	12.14	5.3	486	5.3	25,251	5.3
Laborers and material movers, hand .....	11.06	2.4	435	2.6	22,363	2.6
Cleaners of vehicles and equipment .....	11.41	4.6	456	4.6	23,726	4.6
Laborers and freight, stock, and material movers, hand .....	11.65	3.6	458	4.2	23,359	4.2

See footnotes at end of table.

**RSE Table 16**

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

Occupation <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 –Continued</b>						
Machine feeders and offbearers .....	\$10.86	9.6%	\$434	9.6%	\$22,584	9.6%
Packers and packagers, hand .....	8.33	4.4	321	5.3	16,710	5.3

<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> 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
<b>All workers</b> .....	4.4%	5.4%	4.2%	0.9%	1.1%	1.2%
Management, professional, and related .....	4.5	23.9	4.1	2.0	2.8	1.3
Management, business, and financial .....	–	–	–	2.7	3.0	3.4
Professional and related .....	4.1	25.7	3.1	2.9	4.3	1.4
Service .....	6.9	13.9	7.2	3.5	3.7	2.4
Sales and office .....	9.4	9.3	5.4	1.1	1.2	1.6
Sales and related .....	25.3	24.5	–	2.7	2.7	11.8
Office and administrative support .....	4.3	4.6	6.0	1.0	1.1	1.7
Natural resources, construction, and maintenance .....	3.2	3.3	5.8	3.0	3.3	2.3
Construction and extraction .....	6.5	7.1	–	4.7	5.1	3.5
Installation, maintenance, and repair .....	3.4	3.1	4.9	2.3	2.5	2.8
Production, transportation, and material moving .....	11.5	11.6	6.1	1.7	1.7	5.8
Production .....	7.3	7.4	–	3.0	3.0	7.6
Transportation and material moving ...	12.0	11.8	5.3	1.8	1.9	4.8

<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 .....	–	3.8%	–	9.0%	3.8%	–	4.0%	–	6.7%
Management, professional, and related .....	–	2.8	–	8.5	3.8	–	7.3	–	19.9
Management, business, and financial .....	–	5.7	–	12.9	5.3	–	8.3	–	10.0
Professional and related .....	–	2.6	–	8.0	4.9	–	8.0	–	24.8
Service .....	–	12.3	–	–	8.7	–	7.3	–	6.3
Sales and office .....	–	6.5	–	15.6	5.1	–	4.2	–	14.9
Sales and related .....	–	17.4	–	28.8	9.4	–	19.8	–	32.7
Office and administrative support .....	–	3.2	–	8.9	2.7	–	3.9	–	4.7
Natural resources, construction, and maintenance .....	–	7.7	–	5.0	25.5	–	17.5	–	5.9
Installation, maintenance, and repair .....	–	9.1	–	5.0	14.6	–	20.3	–	7.4
Production, transportation, and material moving .....	–	3.3	–	7.7	–	–	9.2	–	4.6
Production .....	–	3.5	–	11.8	–	–	10.2	–	5.2
Transportation and material moving .....	–	6.6	–	5.1	–	–	9.7	–	8.9

<sup>1</sup> Industry sectors are determined by the 2002 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> .....	\$19.65	2.2%	\$780	2.2%	\$40,541	2.2%
Level 1 .....	8.65	1.7	345	1.7	17,945	1.7
Level 2 .....	9.31	2.8	368	2.9	19,140	2.9
Level 3 .....	10.80	2.8	432	2.8	22,439	2.8
Level 4 .....	13.25	2.3	527	2.1	27,390	2.1
Level 5 .....	15.83	3.8	626	3.7	32,544	3.7
Level 6 .....	18.66	2.9	741	3.2	38,542	3.2
Level 7 .....	23.22	2.4	924	2.2	48,069	2.2
Level 8 .....	27.37	1.0	1,079	1.2	56,105	1.2
Level 9 .....	28.27	4.6	1,094	6.1	56,888	6.1
Level 10 .....	35.17	6.5	1,395	6.6	72,541	6.6
Level 11 .....	39.39	6.3	1,625	6.8	84,482	6.8
Not able to be leveled .....	18.23	9.9	729	9.9	37,912	9.9
<b>Management occupations</b> .....	30.84	9.8	1,283	12.1	66,725	12.1
Level 9 .....	24.33	10.8	973	10.8	50,602	10.8
Level 11 .....	39.17	7.0	1,763	9.8	91,695	9.8
Medical and health services managers .....	30.63	11.5	1,287	14.5	66,907	14.5
Level 9 .....	24.33	10.8	973	10.8	50,602	10.8
<b>Business and financial operations occupations</b> .....	22.82	10.6	913	10.6	47,473	10.6
<b>Community and social services occupations</b> .....	19.07	6.4	763	6.4	39,656	6.4
Social workers .....	20.15	8.8	806	8.8	41,907	8.8
Medical and public health social workers .....	20.09	10.1	803	10.1	41,780	10.1
<b>Healthcare practitioner and technical occupations</b> .....	24.86	2.6	978	2.8	50,842	2.8
Level 4 .....	15.23	3.0	599	3.0	31,123	3.0
Level 5 .....	16.66	3.4	654	3.6	34,025	3.6
Level 6 .....	18.82	4.0	744	4.6	38,667	4.6
Level 7 .....	23.46	3.4	932	3.2	48,452	3.2
Level 8 .....	27.62	.9	1,088	1.1	56,566	1.1
Level 9 .....	28.85	5.2	1,111	6.9	57,763	6.9
Level 10 .....	35.97	6.2	1,426	6.4	74,147	6.4
Level 11 .....	40.06	11.0	1,599	11.0	83,155	11.0
Not able to be leveled .....	24.04	9.4	962	9.4	50,004	9.4
Pharmacists .....	48.48	4.0	1,939	4.0	100,842	4.0
Level 9 .....	51.30	5.0	2,052	5.0	106,708	5.0
Registered nurses .....	28.79	2.9	1,125	3.1	58,498	3.1
Level 7 .....	25.62	3.8	1,010	3.7	52,524	3.7
Level 8 .....	27.89	1.3	1,097	.9	57,026	.9
Level 9 .....	27.02	1.5	1,030	3.2	53,572	3.2

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 –Continued</b>						
Registered nurses –Continued						
Level 10 .....	\$34.06	5.8%	\$1,345	6.0%	\$69,956	6.0%
Level 11 .....	40.73	11.9	1,625	11.9	84,519	11.9
Therapists .....	26.64	5.6	1,065	5.7	55,363	5.7
Level 7 .....	22.79	2.5	912	2.5	47,402	2.5
Level 9 .....	31.50	2.9	1,260	2.9	65,528	2.9
Occupational therapists .....	31.01	3.8	1,240	3.8	64,493	3.8
Respiratory therapists .....	22.39	2.8	894	3.1	46,470	3.1
Level 7 .....	22.79	2.5	912	2.5	47,402	2.5
Clinical laboratory technologists and technicians .....	18.54	11.2	737	11.1	38,306	11.1
Level 6 .....	20.64	5.9	826	5.9	42,936	5.9
Level 7 .....	21.29	7.1	852	7.1	44,287	7.1
Medical and clinical laboratory technologists .....	21.51	8.9	857	8.9	44,568	8.9
Medical and clinical laboratory technicians .....	15.77	15.8	625	15.4	32,504	15.4
Diagnostic related technologists and technicians .....	21.60	5.1	864	5.1	44,930	5.1
Level 7 .....	22.46	7.2	898	7.2	46,708	7.2
Cardiovascular technologists and technicians .....	18.47	19.2	739	19.2	38,410	19.2
Radiologic technologists and technicians ..	22.18	4.1	887	4.1	46,144	4.1
Level 7 .....	22.46	7.2	898	7.2	46,708	7.2
Health diagnosing and treating practitioner support technicians .....	16.09	2.5	633	3.0	32,905	3.0
Level 4 .....	15.46	4.8	602	5.6	31,315	5.6
Level 5 .....	17.10	7.5	671	7.1	34,877	7.1
Level 6 .....	16.06	3.7	642	3.7	33,403	3.7
Pharmacy technicians .....	13.53	4.5	528	4.9	27,460	4.9
Level 4 .....	12.34	3.9	477	3.5	24,789	3.5
Surgical technologists .....	16.68	2.9	655	3.2	34,045	3.2
Level 4 .....	16.58	3.2	648	4.3	33,687	4.3
Licensed practical and licensed vocational nurses .....	16.18	2.1	633	2.6	32,932	2.6
Level 4 .....	16.09	4.8	634	5.0	32,983	5.0
Level 5 .....	15.95	1.9	626	2.1	32,526	2.1
Level 6 .....	17.40	5.6	667	9.0	34,684	9.0
Medical records and health information technicians .....	19.20	37.5	747	38.7	38,830	38.7

See footnotes at end of table.

RSE Table 20

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

Occupation and work level <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						
Miscellaneous health technologists and technicians .....	\$17.33	19.1%	\$693	19.1%	\$36,055	19.1%
<b>Healthcare support occupations</b> .....	10.30	1.7	411	1.8	21,349	1.8
Level 2 .....	9.33	5.2	371	5.1	19,268	5.1
Level 3 .....	10.43	3.8	415	3.7	21,577	3.7
Level 4 .....	11.79	6.9	471	6.9	24,510	6.9
Not able to be leveled .....	10.98	5.9	439	5.9	22,839	5.9
Nursing, psychiatric, and home health aides	9.84	1.8	392	1.9	20,385	1.9
Level 2 .....	9.34	5.2	371	5.1	19,276	5.1
Level 3 .....	10.36	4.6	414	4.6	21,527	4.6
Level 4 .....	10.88	9.2	435	9.2	22,635	9.2
Nursing aides, orderlies, and attendants ....	9.97	1.8	397	2.0	20,627	2.0
Level 2 .....	9.35	7.0	370	6.8	19,252	6.8
Level 3 .....	10.24	5.4	410	5.4	21,294	5.4
Level 4 .....	12.42	3.9	497	3.9	25,824	3.9
Psychiatric aides .....	9.47	3.1	379	3.1	19,702	3.1
Miscellaneous healthcare support occupations .....	11.74	5.2	468	5.2	24,331	5.2
Level 3 .....	10.33	5.0	408	4.5	21,231	4.5
Level 4 .....	12.62	6.1	504	6.1	26,209	6.1
Medical assistants .....	12.61	8.6	499	8.9	25,936	8.9
<b>Food preparation and serving related occupations</b> .....	10.30	4.8	409	4.8	21,269	4.8
Level 2 .....	9.44	5.5	371	6.4	19,305	6.4
Level 4 .....	10.43	8.3	417	8.3	21,699	8.3
Cooks .....	9.56	2.0	383	2.0	19,891	2.0
Cooks, institution and cafeteria .....	9.56	2.1	382	2.1	19,888	2.1
Food servers, nonrestaurant .....	10.20	10.5	404	10.9	21,023	10.9
<b>Building and grounds cleaning and maintenance occupations</b> .....	8.99	3.7	360	3.7	18,699	3.7
Level 1 .....	8.31	4.2	332	4.2	17,287	4.2
Level 2 .....	9.07	3.5	363	3.5	18,864	3.5
Building cleaning workers .....	8.82	3.1	353	3.1	18,345	3.1
Level 1 .....	8.31	4.2	332	4.2	17,287	4.2
Level 2 .....	9.07	3.5	363	3.5	18,864	3.5
Janitors and cleaners, except maids and housekeeping cleaners .....	9.00	3.9	360	3.9	18,726	3.9
Level 1 .....	8.48	7.0	339	7.0	17,641	7.0

See footnotes at end of table.

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

Occupation and work level <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>Building and grounds cleaning and maintenance occupations –Continued</b>						
Janitors and cleaners, except maids and housekeeping cleaners –Continued						
Level 2 .....	\$9.23	3.5%	\$369	3.5%	\$19,199	3.5%
Maids and housekeeping cleaners .....						
Level 1 .....	8.52	4.4	341	4.4	17,713	4.4
Level 1 .....	8.18	4.5	327	4.5	17,009	4.5
<b>Office and administrative support occupations .....</b>						
Level 2 .....	12.76	2.6	510	2.6	26,495	2.6
Level 3 .....	9.28	3.3	365	4.1	18,997	4.1
Level 4 .....	10.94	5.0	438	5.0	22,753	5.0
Level 5 .....	12.85	1.7	514	1.7	26,722	1.7
Level 6 .....	14.36	6.9	574	6.9	29,872	6.9
Level 6 .....	19.19	7.4	768	7.4	39,921	7.4
Financial clerks .....						
Level 4 .....	11.38	7.5	455	7.5	23,671	7.5
Level 4 .....	13.30	3.2	532	3.2	27,671	3.2
Bookkeeping, accounting, and auditing clerks .....						
Level 4 .....	12.41	4.8	496	4.8	25,809	4.8
Interviewers, except eligibility and loan .....						
Level 4 .....	11.33	3.9	453	3.9	23,566	3.9
Secretaries and administrative assistants .....						
Level 3 .....	13.54	5.0	542	5.0	28,166	5.0
Level 3 .....	10.89	5.6	435	5.6	22,644	5.6
Level 4 .....	13.45	1.9	538	1.9	27,975	1.9
Medical secretaries .....						
Level 3 .....	12.66	5.4	506	5.4	26,328	5.4
Level 3 .....	10.89	5.6	435	5.6	22,644	5.6
Level 4 .....	13.40	2.2	536	2.2	27,881	2.2
Office clerks, general .....						
Level 4 .....	12.28	4.3	491	4.3	25,547	4.3
Level 4 .....	13.15	2.9	526	2.9	27,361	2.9
<b>Production occupations .....</b>						
Level 4 .....	13.40	9.0	536	9.0	27,867	9.0

<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 .....	\$1,305	4.3%	\$66,604	4.3%
First line .....	1,601	3.2	82,335	3.2
Second line .....	2,272	11.2	115,751	11.2
General and operations managers				
Team leader .....	1,295	20.1	66,563	20.1
First line .....	1,903	10.4	98,960	10.4
Second line .....	2,160	22.0	112,339	22.0
Marketing managers				
First line .....	2,148	9.5	111,695	9.5
Sales managers				
First line .....	2,142	13.2	111,375	13.2
Administrative services managers				
First line .....	1,100	7.8	57,178	7.8
Computer and information systems managers				
Team leader .....	1,706	12.1	88,705	12.1
First line .....	2,221	28.8	115,483	28.8
Financial managers				
Team leader .....	1,359	8.5	70,681	8.5
First line .....	1,908	13.5	98,948	13.5
Second line .....	2,537	8.7	131,950	8.7
Compensation and benefits managers				
First line .....	1,448	3.6	75,321	3.6
Industrial production managers				
First line .....	1,660	12.6	86,326	12.6
Second line .....	1,929	29.7	100,289	29.7
Transportation, storage, and distribution managers				
First line .....	1,385	7.7	71,686	7.7
Construction managers				
Team leader .....	1,323	12.2	68,805	12.2
First line .....	1,447	7.1	72,869	7.1
Education administrators, elementary and secondary school				
Team leader .....	1,597	6.7	69,251	6.7
First line .....	1,551	6.0	69,396	6.0
Education administrators, postsecondary				
First line .....	1,249	9.1	64,935	9.1
Engineering managers				
First line .....	2,095	4.3	108,937	4.3
Food service managers				
First line .....	974	4.4	50,655	4.4
Medical and health services managers				
Team leader .....	776	15.2	40,363	15.2
First line .....	1,254	11.7	65,224	11.7

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>				
Property, real estate, and community association managers				
First line .....	\$1,100	11.0%	\$57,219	11.0%

<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.