

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> .....	\$22.71	1.4%	\$890	1.2%	\$45,878	1.2%
<b>Management occupations</b> .....	47.52	3.9	1,894	3.7	98,358	3.7
General and operations managers .....	49.14	3.5	2,085	5.2	108,445	5.2
Advertising and promotions managers .....	30.92	10.5	1,191	14.7	61,929	14.7
Marketing and sales managers .....	49.75	8.1	1,987	10.4	103,346	10.4
Marketing managers .....	51.75	8.0	2,043	12.1	106,251	12.1
Sales managers .....	46.44	7.9	1,892	6.8	98,391	6.8
Public relations managers .....	67.75	15.4	2,539	19.0	132,006	19.0
Administrative services managers .....	28.98	1.4	1,135	3.5	59,039	3.5
Computer and information systems managers .....	65.39	12.1	2,582	11.7	134,254	11.7
Financial managers .....	49.68	2.6	1,962	3.7	101,369	3.7
Human resources managers .....	37.53	5.9	1,464	6.0	76,149	6.0
Compensation and benefits managers .....	37.57	10.4	1,466	9.7	76,245	9.7
Industrial production managers .....	44.40	6.0	1,778	6.0	92,387	6.0
Purchasing managers .....	49.09	12.1	1,939	11.9	100,812	11.9
Transportation, storage, and distribution managers .....	40.12	15.0	1,593	14.4	82,848	14.4
Education administrators .....	32.11	6.3	1,280	5.1	66,359	5.1
Education administrators, postsecondary ..	38.14	8.5	1,449	7.9	75,338	7.9
Engineering managers .....	47.33	8.1	1,899	8.0	98,772	8.0
Food service managers .....	34.66	20.4	1,428	17.4	74,244	17.4
Medical and health services managers .....	42.55	13.0	1,629	13.1	84,697	13.1
Property, real estate, and community association managers .....	27.05	6.9	1,068	7.5	55,554	7.5
Social and community service managers .....	28.04	9.2	1,074	8.3	55,849	8.3
<b>Business and financial operations occupations</b> .....	31.02	3.1	1,220	2.4	63,460	2.4
Buyers and purchasing agents .....	27.34	6.8	1,077	4.5	55,991	4.5
Wholesale and retail buyers, except farm products .....	28.43	13.1	1,090	9.6	56,668	9.6
Purchasing agents, except wholesale, retail, and farm products .....	25.60	7.6	1,029	7.1	53,522	7.1
Claims adjusters, appraisers, examiners, and investigators .....	26.48	3.4	1,020	2.8	53,065	2.8
Claims adjusters, examiners, and investigators .....	26.41	3.3	1,016	2.5	52,857	2.5
Cost estimators .....	32.92	10.2	1,317	10.2	68,475	10.2
Human resources, training, and labor relations specialists .....	26.72	8.8	1,039	10.5	54,014	10.5
Employment, recruitment, and placement specialists .....	26.91	16.2	1,059	17.7	55,073	17.7

See footnotes at end of table.

RSE Table 12

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

Occupation <sup>2</sup>	Hourly earnings <sup>3</sup>		Weekly earnings <sup>5</sup>		Annual earnings <sup>6</sup>	
	Mean	Relative error <sup>4</sup>	Mean	Relative error <sup>4</sup>	Mean	Relative error <sup>4</sup>
<b>Business and financial operations occupations –Continued</b>						
Compensation, benefits, and job analysis specialists .....	\$27.30	5.9%	\$1,041	3.7%	\$54,119	3.7%
Training and development specialists .....	31.12	13.3	1,233	13.8	64,098	13.8
Logisticians .....	28.90	6.1	1,142	7.2	59,361	7.2
Management analysts .....	32.30	12.4	1,285	11.1	66,839	11.1
Accountants and auditors .....	31.10	4.6	1,212	4.1	63,018	4.1
Credit analysts .....	26.03	14.8	999	12.5	51,967	12.5
Financial analysts and advisors .....	46.71	21.7	1,812	19.8	94,238	19.8
Financial analysts .....	46.91	17.8	1,852	16.0	96,321	16.0
Personal financial advisors .....	60.34	43.9	2,400	43.4	124,780	43.4
Insurance underwriters .....	34.52	13.9	1,254	13.4	65,204	13.4
Loan counselors and officers .....	33.43	12.1	1,286	10.2	66,854	10.2
Loan officers .....	33.71	12.0	1,297	10.1	67,440	10.1
<b>Computer and mathematical science occupations .....</b>						
Computer programmers .....	37.78	5.2	1,488	4.9	77,355	4.9
Computer software engineers .....	36.24	5.5	1,441	5.4	74,924	5.4
Computer software engineers, applications .....	44.44	6.0	1,760	5.5	91,519	5.5
Computer software engineers, systems software .....	45.60	9.3	1,801	8.6	93,643	8.6
Computer support specialists .....	43.34	5.0	1,721	4.6	89,493	4.6
Computer systems analysts .....	30.24	13.7	1,167	13.9	60,666	13.9
Database administrators .....	37.45	5.0	1,486	4.5	77,291	4.5
Network and computer systems administrators .....	31.87	14.8	1,199	19.2	62,349	19.2
Network systems and data communications analysts .....	34.11	3.1	1,336	2.8	69,455	2.8
Operations research analysts .....	53.18	11.2	2,094	12.0	108,880	12.0
Operations research analysts .....	31.84	3.9	1,251	4.2	65,075	4.2
<b>Architecture and engineering occupations ....</b>						
Engineers .....	33.57	5.8	1,342	5.6	69,802	5.6
Civil engineers .....	38.71	4.9	1,556	4.6	80,893	4.6
Electrical and electronics engineers .....	29.71	5.1	1,250	6.8	65,023	6.8
Electrical engineers .....	39.34	7.1	1,574	7.1	81,836	7.1
Electronics engineers, except computer .....	40.17	7.0	1,607	7.0	83,561	7.0
Industrial engineers, including health and safety .....	35.78	4.3	1,431	4.3	74,425	4.3
Industrial engineers .....	34.50	7.0	1,380	7.0	71,770	7.0
Industrial engineers .....	34.50	7.0	1,380	7.0	71,770	7.0
Materials engineers .....	34.50	7.0	1,380	7.0	71,770	7.0
Mechanical engineers .....	31.32	14.3	1,368	10.3	71,150	10.3
Mechanical engineers .....	34.22	4.4	1,381	3.9	71,783	3.9
Drafters .....	26.09	3.6	1,030	3.3	53,582	3.3

See footnotes at end of table.

RSE Table 12

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

Occupation <sup>2</sup>	Hourly earnings <sup>3</sup>		Weekly earnings <sup>5</sup>		Annual earnings <sup>6</sup>	
	Mean	Relative error <sup>4</sup>	Mean	Relative error <sup>4</sup>	Mean	Relative error <sup>4</sup>
<b>Architecture and engineering occupations</b>						
–Continued						
Architectural and civil drafters .....	\$27.65	6.2%	\$1,106	6.2%	\$57,520	6.2%
Electrical and electronics drafters .....	22.75	8.3	910	8.3	47,320	8.3
Engineering technicians, except drafters .....	26.72	2.5	1,067	2.5	55,458	2.5
Electrical and electronic engineering technicians .....	28.77	.7	1,150	.7	59,780	.7
Mechanical engineering technicians .....	27.43	5.8	1,097	5.8	57,064	5.8
<b>Life, physical, and social science occupations</b>	30.55	3.9	1,187	3.9	61,523	3.9
Life scientists .....	38.88	4.3	1,476	4.9	76,762	4.9
Biological scientists .....	37.56	5.8	1,408	7.2	73,194	7.2
Medical scientists .....	40.55	3.8	1,553	2.6	80,744	2.6
Physical scientists .....	30.32	3.7	1,186	3.7	61,675	3.7
Market and survey researchers .....	23.44	4.9	908	3.6	47,216	3.6
Market research analysts .....	23.44	4.9	908	3.6	47,216	3.6
Psychologists .....	37.20	25.7	1,451	27.3	68,310	27.3
Clinical, counseling, and school psychologists .....	37.20	25.7	1,451	27.3	68,310	27.3
Chemical technicians .....	28.64	14.1	1,125	15.4	58,436	15.4
Miscellaneous life, physical, and social science technicians .....	19.10	11.5	746	11.0	38,801	11.0
<b>Community and social services occupations</b>	19.68	6.0	746	5.5	38,617	5.5
Counselors .....	19.57	5.8	752	5.3	38,752	5.3
Substance abuse and behavioral disorder counselors .....	17.38	7.5	683	6.3	35,512	6.3
Educational, vocational, and school counselors .....	24.02	13.6	879	12.7	44,583	12.7
Mental health counselors .....	20.08	3.3	792	4.6	41,173	4.6
Social workers .....	22.32	3.7	825	2.7	42,742	2.7
Child, family, and school social workers ..	20.84	4.7	743	3.8	38,182	3.8
Medical and public health social workers	27.60	2.3	1,019	3.0	52,992	3.0
Mental health and substance abuse social workers .....	19.75	10.9	744	9.4	38,682	9.4
Miscellaneous community and social service specialists .....	16.85	4.1	647	4.9	33,620	4.9
Social and human service assistants .....	13.82	1.7	533	1.6	27,741	1.6
<b>Legal occupations</b> .....	43.97	13.8	1,722	12.0	89,303	12.0
Lawyers .....	58.82	13.9	2,345	11.5	121,920	11.5
Paralegals and legal assistants .....	21.44	10.0	816	8.4	42,432	8.4
<b>Education, training, and library occupations</b>	30.81	7.5	1,127	8.9	49,319	8.9

See footnotes at end of table.

RSE Table 12

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

Occupation <sup>2</sup>	Hourly earnings <sup>3</sup>		Weekly earnings <sup>5</sup>		Annual earnings <sup>6</sup>	
	Mean	Relative error <sup>4</sup>	Mean	Relative error <sup>4</sup>	Mean	Relative error <sup>4</sup>
<b>Education, training, and library occupations</b> –Continued						
Postsecondary teachers .....	\$52.99	7.5%	\$1,998	7.2%	\$81,062	7.2%
Business teachers, postsecondary .....	68.51	11.2	2,484	12.3	88,212	12.3
Math and computer teachers, postsecondary .....	43.99	12.9	1,577	13.3	62,243	13.3
Computer science teachers, postsecondary .....	33.69	8.5	1,179	12.0	47,667	12.0
Mathematical science teachers, postsecondary .....	56.75	13.3	2,097	11.5	80,307	11.5
Life sciences teachers, postsecondary .....	53.37	18.5	2,203	12.5	104,905	12.5
Physical sciences teachers, postsecondary .....	58.60	4.0	2,105	3.9	76,156	3.9
Chemistry teachers, postsecondary .....	55.74	4.8	1,994	3.9	68,688	3.9
Social sciences teachers, postsecondary ....	56.98	17.9	2,093	17.5	75,023	17.5
Psychology teachers, postsecondary .....	55.20	11.7	1,990	12.6	73,081	12.6
Health teachers, postsecondary .....	66.43	11.0	2,474	12.2	97,746	12.2
Health specialties teachers, postsecondary .....	71.62	10.4	2,646	12.0	102,502	12.0
Arts, communications, and humanities teachers, postsecondary .....	48.43	9.5	1,800	8.7	71,038	8.7
English language and literature teachers, postsecondary .....	51.45	10.8	1,852	10.3	75,320	10.3
Philosophy and religion teachers, postsecondary .....	57.63	9.6	2,006	10.3	80,701	10.3
Miscellaneous postsecondary teachers .....	38.97	14.7	1,517	13.6	70,017	13.6
Primary, secondary, and special education						
school teachers .....	25.45	7.3	893	6.0	37,247	6.0
Preschool and kindergarten teachers .....	20.80	28.9	683	13.4	31,765	13.4
Preschool teachers, except special education .....	21.29	30.5	690	14.0	32,443	14.0
Elementary and middle school teachers ....	23.47	10.5	884	10.8	34,662	10.8
Elementary school teachers, except special education .....	24.01	11.9	900	12.3	35,131	12.3
Secondary school teachers .....	42.74	10.0	1,461	8.2	54,739	8.2
Secondary school teachers, except special and vocational education .....	42.74	10.0	1,461	8.2	54,739	8.2
Special education teachers .....	31.09	27.3	1,114	22.3	44,538	22.3
Other teachers and instructors .....	32.44	44.4	1,149	44.8	46,364	44.8
Librarians .....	31.00	27.1	1,112	27.2	56,277	27.2
Teacher assistants .....	10.99	14.6	422	14.1	21,257	14.1
<b>Arts, design, entertainment, sports, and media occupations</b> .....	34.87	12.7	1,355	11.1	68,303	11.1
Artists and related workers .....	27.64	13.1	1,097	13.3	57,055	13.3

See footnotes at end of table.

RSE Table 12

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

Occupation <sup>2</sup>	Hourly earnings <sup>3</sup>		Weekly earnings <sup>5</sup>		Annual earnings <sup>6</sup>	
	Mean	Relative error <sup>4</sup>	Mean	Relative error <sup>4</sup>	Mean	Relative error <sup>4</sup>
<b>Arts, design, entertainment, sports, and media occupations –Continued</b>						
Designers .....	\$28.33	7.7%	\$1,109	8.1%	\$57,672	8.1%
Graphic designers .....	23.93	4.4	914	4.9	47,523	4.9
Actors, producers, and directors .....	81.43	29.6	3,210	30.0	166,929	30.0
Producers and directors .....	81.43	29.6	3,210	30.0	166,929	30.0
Athletes, coaches, umpires, and related workers .....	21.36	9.7	819	10.1	39,234	10.1
Coaches and scouts .....	21.36	9.7	819	10.1	39,234	10.1
Public relations specialists .....	38.00	14.0	1,402	11.1	72,927	11.1
Writers and editors .....	28.36	12.4	1,097	10.8	57,052	10.8
Editors .....	30.91	12.3	1,174	10.4	61,074	10.4
Broadcast and sound engineering technicians and radio operators .....	32.22	8.9	1,274	9.5	66,269	9.5
<b>Healthcare practitioner and technical occupations</b> .....						
Pharmacists .....	47.08	2.5	1,847	3.6	96,045	3.6
Physicians and surgeons .....	57.28	5.2	2,205	6.0	114,669	6.0
Family and general practitioners .....	60.93	3.5	2,325	4.9	120,923	4.9
Internists, general .....	63.32	10.7	2,378	10.2	123,676	10.2
Registered nurses .....	33.56	3.1	1,283	2.9	66,697	2.9
Therapists .....	29.37	6.5	1,128	4.8	56,879	4.8
Physical therapists .....	33.34	4.8	1,285	3.2	64,924	3.2
Recreational therapists .....	16.31	9.6	628	9.1	32,659	9.1
Respiratory therapists .....	26.11	6.1	1,030	6.4	53,541	6.4
Clinical laboratory technologists and technicians .....	20.22	4.9	791	4.4	41,120	4.4
Medical and clinical laboratory technologists .....	23.70	8.3	929	7.9	48,298	7.9
Medical and clinical laboratory technicians .....	18.14	4.5	709	3.9	36,855	3.9
Dental hygienists .....	31.96	5.0	1,028	5.6	53,473	5.6
Diagnostic related technologists and technicians .....	24.41	8.2	942	7.4	48,970	7.4
Cardiovascular technologists and technicians .....	14.33	6.4	557	7.0	28,988	7.0
Radiologic technologists and technicians ..	24.27	8.4	943	7.8	49,050	7.8
Emergency medical technicians and paramedics .....	22.58	12.3	863	11.0	44,877	11.0
Health diagnosing and treating practitioner support technicians .....	17.08	10.6	670	10.2	34,845	10.2
Pharmacy technicians .....	14.81	5.3	592	5.3	30,783	5.3

See footnotes at end of table.

RSE Table 12

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

Occupation <sup>2</sup>	Hourly earnings <sup>3</sup>		Weekly earnings <sup>5</sup>		Annual earnings <sup>6</sup>	
	Mean	Relative error <sup>4</sup>	Mean	Relative error <sup>4</sup>	Mean	Relative error <sup>4</sup>
<b>Healthcare practitioner and technical occupations –Continued</b>						
Licensed practical and licensed vocational nurses .....	\$19.70	5.7%	\$751	5.2%	\$39,058	5.2%
Medical records and health information technicians .....	16.98	14.8	669	15.5	34,768	15.5
Miscellaneous health technologists and technicians .....	16.56	8.2	654	7.2	34,032	7.2
<b>Healthcare support occupations</b> .....	12.90	3.1	483	3.5	25,123	3.5
Nursing, psychiatric, and home health aides	11.98	4.3	454	6.0	23,611	6.0
Home health aides .....	10.65	2.2	394	3.6	20,469	3.6
Nursing aides, orderlies, and attendants ....	12.84	2.8	494	2.8	25,707	2.8
Psychiatric aides .....	11.72	18.4	447	15.3	23,237	15.3
Physical therapist assistants and aides .....	12.17	13.8	450	9.3	23,411	9.3
Physical therapist aides .....	11.52	17.1	425	11.0	22,107	11.0
Miscellaneous healthcare support occupations .....	15.17	5.1	552	5.1	28,719	5.1
Dental assistants .....	16.24	6.0	527	7.9	27,392	7.9
Medical assistants .....	15.15	12.6	567	10.9	29,483	10.9
Medical equipment preparers .....	16.59	12.0	664	12.0	34,507	12.0
Medical transcriptionists .....	14.84	6.8	577	7.4	29,992	7.4
<b>Protective service occupations</b> .....	13.61	12.0	532	11.2	27,297	11.2
Security guards and gaming surveillance officers .....	11.12	4.3	437	4.5	22,732	4.5
Security guards .....	11.12	4.3	437	4.5	22,730	4.5
<b>Food preparation and serving related occupations</b> .....	10.09	4.4	391	3.2	20,211	3.2
First-line supervisors/managers, food preparation and serving workers .....	17.56	5.6	759	4.2	39,344	4.2
Chefs and head cooks .....	18.99	13.5	842	16.0	43,767	16.0
First-line supervisors/managers of food preparation and serving workers .....	17.40	6.1	751	4.7	38,867	4.7
Cooks .....	11.63	5.8	452	5.3	23,382	5.3
Cooks, institution and cafeteria .....	12.63	4.6	498	5.2	25,883	5.2
Cooks, restaurant .....	11.68	6.3	449	6.5	23,154	6.5
Cooks, short order .....	9.54	2.3	380	2.3	19,771	2.3
Food preparation workers .....	11.23	7.4	435	7.2	22,399	7.2
Food service, tipped .....	5.93	7.2	220	4.6	11,280	4.6
Bartenders .....	6.19	9.6	214	7.0	11,050	7.0
Waiters and waitresses .....	5.67	3.7	211	7.1	10,769	7.1

See footnotes at end of table.

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**Full-time<sup>1</sup> private industry workers: Relative standard errors  
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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>						
Dining room and cafeteria attendants and bartender helpers .....	\$6.66	21.3%	\$259	21.4%	\$13,372	21.4%
Fast food and counter workers .....	9.28	3.6	352	6.1	18,328	6.1
Combined food preparation and serving workers, including fast food .....	9.59	1.7	363	3.3	18,859	3.3
Counter attendants, cafeteria, food concession, and coffee shop .....	8.81	10.6	337	14.9	17,516	14.9
Food servers, nonrestaurant .....	11.50	3.1	441	2.8	22,933	2.8
Dishwashers .....	8.36	3.5	329	3.1	17,082	3.1
Hosts and hostesses, restaurant, lounge, and coffee shop .....	10.79	23.0	425	24.6	22,125	24.6
<b>Building and grounds cleaning and maintenance occupations .....</b>						
First-line supervisors/managers, building and grounds cleaning and maintenance workers .....	14.73	8.3	584	8.4	29,688	8.4
First-line supervisors/managers of housekeeping and janitorial workers ...	25.48	12.4	1,026	11.3	53,374	11.3
Building cleaning workers .....	20.54	6.7	823	7.5	42,809	7.5
Janitors and cleaners, except maids and housekeeping cleaners .....	14.01	7.1	554	7.3	28,544	7.3
Maids and housekeeping cleaners .....	14.25	8.9	566	9.1	29,139	9.1
Grounds maintenance workers .....	11.51	2.5	446	2.7	22,883	2.7
Landscaping and groundskeeping workers	12.21	6.1	486	6.1	21,263	6.1
Landscaping and groundskeeping workers	11.47	4.2	457	4.2	19,699	4.2
<b>Personal care and service occupations .....</b>						
First-line supervisors/managers of gaming workers .....	13.39	6.9	493	6.8	25,315	6.8
Gaming supervisors .....	15.95	8.0	638	8.0	33,166	8.0
Slot key persons .....	23.72	.4	949	.4	49,333	.4
First-line supervisors/managers of personal service workers .....	13.34	3.2	534	3.2	27,757	3.2
Gaming services workers .....	21.74	14.4	865	14.5	44,974	14.5
Gaming dealers .....	7.37	4.0	295	4.0	15,329	4.0
Baggage porters, bellhops, and concierges ....	7.37	4.0	295	4.0	15,329	4.0
Child care workers .....	12.40	26.5	487	26.7	25,311	26.7
Personal and home care aides .....	11.19	5.4	429	5.2	21,804	5.2
Recreation and fitness workers .....	9.29	.8	353	2.5	18,376	2.5
Recreation workers .....	13.07	10.4	536	10.2	22,648	10.2
Recreation workers .....	12.55	13.1	518	13.0	20,904	13.0
<b>Sales and related occupations .....</b>						
	21.89	2.4	868	2.5	45,008	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>Sales and related occupations –Continued</b>						
First-line supervisors/managers, sales workers .....	\$21.50	14.4%	\$889	13.4%	\$46,222	13.4%
First-line supervisors/managers of retail sales workers .....	18.67	5.5	779	4.9	40,491	4.9
First-line supervisors/managers of non-retail sales workers .....	31.26	21.9	1,254	21.2	65,186	21.2
Retail sales workers .....	13.49	5.9	534	6.0	27,647	6.0
Cashiers, all workers .....	10.00	4.2	390	5.6	20,253	5.6
Cashiers .....	9.98	4.2	389	5.7	20,200	5.7
Counter and rental clerks and parts salespersons .....	13.50	9.2	552	9.8	28,321	9.8
Counter and rental clerks .....	11.84	7.6	485	7.1	24,548	7.1
Parts salespersons .....	15.20	16.1	621	17.8	32,272	17.8
Retail salespersons .....	15.27	9.8	607	9.7	31,377	9.7
Advertising sales agents .....	20.75	17.3	801	17.7	41,627	17.7
Insurance sales agents .....	30.54	17.3	1,230	15.6	63,970	15.6
Securities, commodities, and financial services sales agents .....	49.77	12.3	1,952	11.7	101,503	11.7
Sales representatives, wholesale and manufacturing .....	34.04	9.3	1,358	8.6	70,487	8.6
Sales representatives, wholesale and manufacturing, technical and scientific products .....	35.91	29.2	1,424	28.3	74,041	28.3
Sales representatives, wholesale and manufacturing, except technical and scientific products .....	33.45	5.4	1,337	4.9	69,372	4.9
Sales engineers .....	31.13	11.8	1,348	8.0	70,078	8.0
Miscellaneous sales and related workers .....	21.37	17.7	833	18.2	43,313	18.2
<b>Office and administrative support occupations</b> .....						
First-line supervisors/managers of office and administrative support workers .....	16.92	.9	656	.8	34,027	.8
Switchboard operators, including answering service .....	24.02	3.0	930	4.1	48,349	4.1
Financial clerks .....	15.74	10.8	597	10.4	31,020	10.4
Bill and account collectors .....	15.47	1.7	605	1.7	31,462	1.7
Billing and posting clerks and machine operators .....	16.21	8.8	648	8.7	33,676	8.7
Bookkeeping, accounting, and auditing clerks .....	15.63	2.4	605	1.7	31,458	1.7
Payroll and timekeeping clerks .....	16.93	2.0	658	1.6	34,217	1.6
Procurement clerks .....	17.11	6.2	677	6.8	35,183	6.8
Procurement clerks .....	16.61	8.9	665	8.9	34,556	8.9

See footnotes at end of table.

RSE Table 12

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

Occupation <sup>2</sup>	Hourly earnings <sup>3</sup>		Weekly earnings <sup>5</sup>		Annual earnings <sup>6</sup>	
	Mean	Relative error <sup>4</sup>	Mean	Relative error <sup>4</sup>	Mean	Relative error <sup>4</sup>
<b>Office and administrative support occupations –Continued</b>						
Tellers .....	\$11.85	1.5%	\$466	1.4%	\$24,251	1.4%
Brokerage clerks .....	22.73	3.0	855	4.6	44,442	4.6
Credit authorizers, checkers, and clerks .....	17.95	10.3	718	10.3	37,327	10.3
Customer service representatives .....	16.72	7.6	657	7.1	34,012	7.1
File clerks .....	12.13	3.8	476	3.6	24,767	3.6
Hotel, motel, and resort desk clerks .....	10.42	5.1	417	5.1	21,683	5.1
Interviewers, except eligibility and loan .....	16.38	8.7	605	7.5	31,447	7.5
Library assistants, clerical .....	13.69	9.3	515	10.2	26,674	10.2
Loan interviewers and clerks .....	16.65	4.0	651	3.4	33,843	3.4
Order clerks .....	13.19	10.1	527	10.3	27,125	10.3
Human resources assistants, except payroll and timekeeping .....	19.05	3.0	747	4.0	38,839	4.0
Receptionists and information clerks .....	13.87	3.3	533	3.1	27,501	3.1
Reservation and transportation ticket agents and travel clerks .....	16.46	3.5	653	4.0	33,934	4.0
Couriers and messengers .....	10.85	2.6	402	4.6	20,894	4.6
Dispatchers .....	21.94	5.3	869	6.1	45,193	6.1
Dispatchers, except police, fire, and ambulance .....	22.07	5.4	874	6.1	45,425	6.1
Production, planning, and expediting clerks	18.98	3.7	747	3.2	38,833	3.2
Shipping, receiving, and traffic clerks .....	12.61	6.2	502	6.4	26,114	6.4
Stock clerks and order fillers .....	12.41	7.0	489	6.9	25,422	6.9
Weighers, measurers, checkers, and samplers, recordkeeping .....	17.91	22.8	716	22.8	37,254	22.8
Secretaries and administrative assistants .....	20.71	1.7	790	1.6	41,093	1.6
Executive secretaries and administrative assistants .....	23.00	7.4	874	6.7	45,462	6.7
Legal secretaries .....	25.92	2.3	966	2.3	50,255	2.3
Medical secretaries .....	15.56	7.4	587	7.0	30,518	7.0
Secretaries, except legal, medical, and executive .....	17.74	3.1	688	3.1	35,758	3.1
Computer operators .....	21.24	15.9	847	15.9	44,066	15.9
Data entry and information processing workers .....	14.03	5.3	524	2.8	27,222	2.8
Data entry keyers .....	12.61	1.6	472	4.3	24,528	4.3
Word processors and typists .....	24.57	22.9	902	20.3	46,909	20.3
Insurance claims and policy processing clerks .....	17.28	3.7	663	4.1	34,499	4.1
Mail clerks and mail machine operators, except postal service .....	12.63	5.6	490	5.0	25,470	5.0
Office clerks, general .....	15.63	3.2	601	3.8	31,130	3.8
Office machine operators, except computer ..	12.94	12.1	500	10.7	25,983	10.7

See footnotes at end of table.

RSE Table 12

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

Occupation <sup>2</sup>	Hourly earnings <sup>3</sup>		Weekly earnings <sup>5</sup>		Annual earnings <sup>6</sup>	
	Mean	Relative error <sup>4</sup>	Mean	Relative error <sup>4</sup>	Mean	Relative error <sup>4</sup>
<b>Construction and extraction occupations .....</b>	\$25.88	2.3%	\$1,023	2.3%	\$52,523	2.3%
First-line supervisors/managers of construction trades and extraction workers .....	34.05	4.9	1,326	3.8	68,950	3.8
Brickmasons, blockmasons, and stonemasons .....	31.37	6.1	1,254	6.2	62,199	6.2
Brickmasons and blockmasons .....	31.37	6.1	1,254	6.2	62,199	6.2
Carpenters .....	21.90	4.1	870	4.2	45,227	4.2
Construction laborers .....	21.02	17.7	841	17.7	40,704	17.7
Construction equipment operators .....	27.50	10.9	1,100	10.9	57,205	10.9
Operating engineers and other construction equipment operators .....	28.55	10.7	1,142	10.7	59,391	10.7
Electricians .....	31.07	14.8	1,193	14.3	62,051	14.3
Pipelayers, plumbers, pipefitters, and steamfitters .....	31.16	19.4	1,236	19.9	64,263	19.9
Plumbers, pipefitters, and steamfitters .....	31.49	19.8	1,248	20.4	64,900	20.4
Roofers .....	20.54	9.1	799	9.0	37,977	9.0
Sheet metal workers .....	20.42	25.4	801	25.4	41,535	25.4
Helpers, construction trades .....	12.20	6.7	488	6.7	25,377	6.7
Construction and building inspectors .....	20.66	8.7	826	8.7	42,965	8.7
Miscellaneous construction and related workers .....	23.76	12.3	944	12.4	48,274	12.4
<b>Installation, maintenance, and repair occupations .....</b>	21.49	3.8	858	3.9	44,597	3.9
First-line supervisors/managers of mechanics, installers, and repairers .....	29.32	7.0	1,181	7.1	61,386	7.1
Radio and telecommunications equipment installers and repairers .....	30.76	4.3	1,230	4.3	63,977	4.3
Telecommunications equipment installers and repairers, except line installers .....	30.76	4.3	1,230	4.3	63,977	4.3
Miscellaneous electrical and electronic equipment mechanics, installers, and repairers .....	16.89	18.5	674	18.7	35,044	18.7
Security and fire alarm systems installers .....	20.91	7.4	831	8.3	43,229	8.3
Aircraft mechanics and service technicians ..	26.17	8.2	1,047	8.2	54,431	8.2
Automotive technicians and repairers .....	18.03	10.5	721	10.4	37,487	10.4
Automotive body and related repairers .....	14.61	8.3	583	8.1	30,320	8.1
Automotive service technicians and mechanics .....	20.54	12.1	823	11.9	42,774	11.9
Bus and truck mechanics and diesel engine specialists .....	21.26	7.7	850	7.7	44,223	7.7
Heavy vehicle and mobile equipment service technicians and mechanics .....	19.31	12.7	799	9.6	41,544	9.6

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>Installation, maintenance, and repair occupations –Continued</b>						
Mobile heavy equipment mechanics, except engines .....	\$21.71	4.1%	\$869	4.1%	\$45,162	4.1%
Control and valve installers and repairers .....	27.38	14.3	1,095	14.3	56,953	14.3
Control and valve installers and repairers, except mechanical door .....	31.56	10.3	1,262	10.3	65,647	10.3
Heating, air conditioning, and refrigeration mechanics and installers .....	21.36	5.1	854	5.1	44,434	5.1
Home appliance repairers .....	20.24	19.2	810	19.2	42,100	19.2
Industrial machinery installation, repair, and maintenance workers .....	19.67	7.9	785	8.0	40,713	8.0
Industrial machinery mechanics .....	20.93	9.3	845	9.1	43,959	9.1
Maintenance and repair workers, general ..	18.92	8.4	751	8.4	38,814	8.4
Maintenance workers, machinery .....	18.67	6.8	747	6.8	38,758	6.8
Millwrights .....	25.34	14.1	1,009	14.1	52,453	14.1
Line installers and repairers .....	31.21	2.7	1,248	2.7	64,915	2.7
Electrical power-line installers and repairers .....	33.35	2.9	1,334	2.9	69,363	2.9
Telecommunications line installers and repairers .....	28.44	5.5	1,138	5.5	59,153	5.5
Precision instrument and equipment repairers .....	20.60	8.8	824	8.8	42,852	8.8
Miscellaneous installation, maintenance, and repair workers .....	18.06	3.4	707	4.1	36,745	4.1
Helpers--installation, maintenance, and repair workers .....	15.16	7.3	606	7.3	31,530	7.3
<b>Production occupations .....</b>	15.76	2.4	626	2.4	32,491	2.4
First-line supervisors/managers of production and operating workers .....	23.09	7.7	923	7.5	48,000	7.5
Electrical, electronics, and electromechanical assemblers .....	15.10	4.7	603	4.8	31,347	4.8
Electrical and electronic equipment assemblers .....	14.62	5.8	585	5.8	30,415	5.8
Electromechanical equipment assemblers .....	15.48	5.2	617	5.5	32,091	5.5
Structural metal fabricators and fitters .....	13.99	6.1	560	6.1	29,099	6.1
Miscellaneous assemblers and fabricators .....	12.36	3.9	490	4.4	25,427	4.4
Team assemblers .....	14.14	15.0	566	15.0	29,254	15.0
Bakers .....	20.36	17.6	801	19.0	41,653	19.0
Butchers and other meat, poultry, and fish processing workers .....	17.53	6.0	696	6.5	36,213	6.5
Butchers and meat cutters .....	18.54	8.8	733	9.6	38,132	9.6
Miscellaneous food processing workers .....	14.20	9.3	557	10.0	28,985	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 –Continued</b>						
Food batchmakers .....	\$14.87	8.3%	\$577	9.6%	\$29,985	9.6%
Computer control programmers and operators .....	17.49	5.1	700	5.1	36,341	5.1
Computer-controlled machine tool operators, metal and plastic .....	16.77	6.1	671	6.1	34,831	6.1
Forming machine setters, operators, and tenders, metal and plastic .....	15.10	11.2	604	11.2	31,409	11.2
Extruding and drawing machine setters, operators, and tenders, metal and plastic .....	16.70	5.5	668	5.5	34,732	5.5
Rolling machine setters, operators, and tenders, metal and plastic .....	16.02	26.1	641	26.1	33,320	26.1
Machine tool cutting setters, operators, and tenders, metal and plastic .....	16.18	7.9	643	7.9	33,442	7.9
Cutting, punching, and press machine setters, operators, and tenders, metal and plastic .....	15.48	14.5	611	14.2	31,774	14.2
Drilling and boring machine tool setters, operators, and tenders, metal and plastic .....	16.78	11.3	671	11.3	34,912	11.3
Grinding, lapping, polishing, and buffing machine tool setters, operators, and tenders, metal and plastic .....	15.87	7.6	635	7.6	32,974	7.6
Machinists .....	20.37	5.2	813	5.3	42,295	5.3
Metal furnace and kiln operators and tenders	17.96	3.8	712	3.3	36,977	3.3
Metal-refining furnace operators and tenders .....	18.93	5.8	748	5.3	38,795	5.3
Molders and molding machine setters, operators, and tenders, metal and plastic	14.43	13.6	577	13.6	29,976	13.6
Molding, coremaking, and casting machine setters, operators, and tenders, metal and plastic .....	13.70	14.6	548	14.6	28,461	14.6
Multiple machine tool setters, operators, and tenders, metal and plastic .....	15.85	21.5	631	21.5	32,646	21.5
Tool and die makers .....	24.52	3.7	973	3.8	50,600	3.8
Welding, soldering, and brazing workers .....	16.66	4.6	666	4.6	34,609	4.6
Welders, cutters, solderers, and brazers .....	16.61	3.7	664	3.6	34,520	3.6
Welding, soldering, and brazing machine setters, operators, and tenders .....	17.32	26.0	693	26.0	36,027	26.0
Miscellaneous metalworkers and plastic workers .....	13.17	17.6	527	17.6	27,371	17.6
Heat treating equipment setters, operators, and tenders, metal and plastic .....	18.54	7.6	742	7.6	38,571	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>Production occupations –Continued</b>						
Plating and coating machine setters, operators, and tenders, metal and plastic .....	\$14.78	15.5%	\$591	15.5%	\$30,751	15.5%
Printers .....	16.75	6.4	651	6.3	33,850	6.3
Prepress technicians and workers .....	14.26	16.1	566	15.5	29,450	15.5
Printing machine operators .....	16.43	8.3	649	8.7	33,727	8.7
Laundry and dry-cleaning workers .....	10.99	8.7	436	7.8	22,665	7.8
Sewing machine operators .....	10.54	2.8	418	2.9	21,720	2.9
Tailors, dressmakers, and sewers .....	15.10	12.6	546	14.2	28,405	14.2
Tailors, dressmakers, and custom sewers ..	15.30	13.3	552	14.8	28,689	14.8
Textile machine setters, operators, and tenders .....	17.03	11.3	681	11.3	35,429	11.3
Textile cutting machine setters, operators, and tenders .....	15.46	8.4	618	8.4	32,156	8.4
Miscellaneous textile, apparel, and furnishings workers .....	11.79	5.7	457	7.2	23,774	7.2
Woodworking machine setters, operators, and tenders .....	13.92	9.6	557	9.6	28,957	9.6
Woodworking machine setters, operators, and tenders, except sawing .....	14.09	.3	564	.3	29,307	.3
Power plant operators, distributors, and dispatchers .....	33.83	4.5	1,353	4.5	70,367	4.5
Stationary engineers and boiler operators .....	29.45	5.6	1,176	5.6	61,150	5.6
Chemical processing machine setters, operators, and tenders .....	19.83	10.1	793	10.1	41,161	10.1
Chemical equipment operators and tenders	18.69	13.8	748	13.8	38,742	13.8
Separating, filtering, clarifying, precipitating, and still machine setters, operators, and tenders .....	21.85	13.1	874	13.1	45,456	13.1
Crushing, grinding, polishing, mixing, and blending workers .....	17.57	7.0	701	6.9	35,771	6.9
Grinding and polishing workers, hand .....	14.70	14.2	588	14.2	28,807	14.2
Mixing and blending machine setters, operators, and tenders .....	18.65	3.7	744	3.6	38,669	3.6
Cutting workers .....	15.02	2.7	601	2.7	29,469	2.7
Cutting and slicing machine setters, operators, and tenders .....	14.66	3.8	586	3.8	28,057	3.8
Inspectors, testers, sorters, samplers, and weighers .....	17.68	3.7	700	3.5	36,191	3.5
Packaging and filling machine operators and tenders .....	14.95	7.6	597	7.6	31,068	7.6
Painting workers .....	13.83	8.0	553	8.0	28,756	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>Production occupations –Continued</b>						
Coating, painting, and spraying machine setters, operators, and tenders .....	\$13.54	10.9%	\$542	10.9%	\$28,160	10.9%
Painting, coating, and decorating workers .....	14.80	6.3	592	6.3	30,774	6.3
Miscellaneous production workers .....	12.84	6.4	514	6.4	26,657	6.4
Cleaning, washing, and metal pickling equipment operators and tenders .....	15.60	19.1	624	19.1	32,438	19.1
Paper goods machine setters, operators, and tenders .....	13.59	15.7	554	16.1	28,784	16.1
Helpers--production workers .....	11.89	5.7	475	5.6	24,511	5.6
<b>Transportation and material moving occupations .....</b>						
First-line supervisors/managers of helpers, laborers, and material movers, hand .....	16.49	4.4	663	4.1	34,148	4.1
First-line supervisors/managers of transportation and material-moving machine and vehicle operators .....	25.02	17.8	1,075	23.7	55,921	23.7
Aircraft pilots and flight engineers .....	22.22	6.0	1,026	3.9	53,330	3.9
Airline pilots, copilots, and flight engineers .....	79.75	40.9	2,171	16.5	112,873	16.5
Bus drivers .....	125.78	13.9	2,625	4.8	136,477	4.8
Driver/sales workers and truck drivers .....	15.83	32.8	620	30.2	31,949	30.2
Driver/sales workers .....	18.27	4.2	757	5.4	38,605	5.4
Truck drivers, heavy and tractor-trailer .....	20.13	9.8	843	7.4	43,851	7.4
Truck drivers, light or delivery services .....	18.93	4.4	801	4.4	40,346	4.4
Taxi drivers and chauffeurs .....	16.11	6.6	636	7.4	33,019	7.4
Crane and tower operators .....	10.88	34.0	423	30.1	21,831	30.1
Dredge, excavating, and loading machine operators .....	22.63	6.2	905	6.2	47,060	6.2
Excavating and loading machine and dragline operators .....	17.37	3.3	695	3.3	36,133	3.3
Industrial truck and tractor operators .....	17.10	4.2	684	4.2	35,564	4.2
Laborers and material movers, hand .....	17.35	5.0	693	5.0	35,627	5.0
Cleaners of vehicles and equipment .....	12.08	2.4	478	2.8	24,665	2.8
Laborers and freight, stock, and material movers, hand .....	10.65	6.5	426	7.0	22,160	7.0
	12.20	2.9	484	3.4	24,828	3.4

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>Transportation and material moving occupations</b> –Continued						
Machine feeders and offbearers .....	\$16.49	8.6%	\$639	7.1%	\$33,183	7.1%
Packers and packagers, hand .....	11.44	5.8	452	6.0	23,496	6.0

<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.