

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> .....	\$24.28	1.4%	\$963	1.4%	\$49,741	1.4%
<b>Management occupations</b> .....	47.11	3.0	1,910	3.0	98,989	3.0
Chief executives .....	103.65	20.0	4,391	20.9	228,341	20.9
General and operations managers .....	48.19	5.8	1,953	5.7	101,563	5.7
Advertising and promotions managers .....	34.39	11.4	1,441	12.1	74,932	12.1
Marketing and sales managers .....	49.92	4.4	2,042	4.7	106,164	4.7
Marketing managers .....	51.44	4.2	2,077	4.4	107,982	4.4
Sales managers .....	48.42	9.4	2,006	9.9	104,316	9.9
Public relations managers .....	51.88	19.3	2,045	20.1	106,339	20.1
Administrative services managers .....	38.27	6.5	1,542	6.5	80,069	6.5
Computer and information systems managers .....	54.97	8.4	2,296	9.3	119,412	9.3
Financial managers .....	48.58	7.6	1,968	7.7	102,336	7.7
Human resources managers .....	48.98	12.8	1,946	13.2	101,209	13.2
Industrial production managers .....	49.00	5.2	1,965	5.1	102,171	5.1
Purchasing managers .....	50.46	6.1	2,077	4.3	108,005	4.3
Transportation, storage, and distribution managers .....	40.67	4.0	1,629	4.2	84,721	4.2
Construction managers .....	45.26	4.8	1,844	4.5	95,884	4.5
Education administrators .....	28.02	6.0	1,121	6.3	54,111	6.3
Education administrators, preschool and child care center/program .....	20.68	13.3	844	15.0	40,923	15.0
Education administrators, elementary and secondary school .....	40.99	15.6	1,640	15.6	84,991	15.6
Education administrators, postsecondary ..	34.98	7.0	1,393	7.2	71,305	7.2
Engineering managers .....	62.34	3.7	2,503	3.7	130,151	3.7
Food service managers .....	27.89	12.5	1,232	13.4	64,074	13.4
Lodging managers .....	42.90	27.6	1,775	25.6	92,314	25.6
Medical and health services managers .....	47.92	3.8	1,916	3.8	99,613	3.8
Property, real estate, and community association managers .....	30.51	5.8	1,234	5.8	64,144	5.8
Social and community service managers .....	27.26	6.9	1,078	6.8	55,922	6.8
<b>Business and financial operations occupations</b> .....	33.43	1.7	1,349	1.9	70,129	1.9
Buyers and purchasing agents .....	34.26	6.2	1,412	7.8	73,439	7.8
Wholesale and retail buyers, except farm products .....	30.95	8.2	1,241	8.1	64,523	8.1
Purchasing agents, except wholesale, retail, and farm products .....	36.73	10.1	1,548	12.6	80,520	12.6
Claims adjusters, appraisers, examiners, and investigators .....	27.14	5.1	1,068	5.3	55,558	5.3
Claims adjusters, examiners, and investigators .....	28.29	4.3	1,115	4.5	57,973	4.5

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>Business and financial operations occupations –Continued</b>						
Compliance officers, except agriculture, construction, health and safety, and transportation .....	\$36.81	11.9%	\$1,489	12.6%	\$77,419	12.6%
Cost estimators .....	34.12	10.8	1,365	10.7	70,955	10.7
Human resources, training, and labor relations specialists .....	32.80	5.9	1,314	5.9	68,352	5.9
Employment, recruitment, and placement specialists .....	27.74	12.1	1,110	12.1	57,706	12.1
Compensation, benefits, and job analysis specialists .....	31.18	11.8	1,253	11.7	65,145	11.7
Training and development specialists .....	35.44	8.2	1,417	8.2	73,707	8.2
Logisticians .....	34.76	9.6	1,391	9.6	72,309	9.6
Management analysts .....	38.91	5.5	1,565	5.4	81,378	5.4
Meeting and convention planners .....	29.75	13.4	1,178	13.2	61,240	13.2
Accountants and auditors .....	32.26	4.6	1,301	4.8	67,643	4.8
Credit analysts .....	34.11	12.8	1,364	12.8	70,949	12.8
Financial analysts and advisors .....	34.47	5.6	1,379	5.6	71,693	5.6
Financial analysts .....	37.30	2.2	1,496	2.1	77,776	2.1
Personal financial advisors .....	25.14	24.9	1,005	24.9	52,283	24.9
Insurance underwriters .....	33.48	8.5	1,328	8.3	69,031	8.3
Loan counselors and officers .....	25.69	12.2	1,028	12.2	53,446	12.2
Loan officers .....	25.80	12.3	1,032	12.3	53,665	12.3
<b>Computer and mathematical science occupations .....</b>						
Computer programmers .....	44.27	9.8	1,755	10.1	91,275	10.1
Computer software engineers .....	47.91	2.4	1,991	2.0	103,552	2.0
Computer software engineers, applications .....	45.58	3.9	1,926	3.4	100,171	3.4
Computer software engineers, systems software .....	50.48	2.5	2,060	2.4	107,142	2.4
Computer support specialists .....	28.33	7.2	1,148	7.7	59,652	7.7
Computer systems analysts .....	39.53	4.1	1,604	4.4	83,395	4.4
Database administrators .....	41.00	12.2	1,638	12.7	85,162	12.7
Network and computer systems administrators .....	33.78	4.4	1,337	4.2	69,542	4.2
Network systems and data communications analysts .....	35.77	11.0	1,408	11.3	73,230	11.3
Operations research analysts .....	36.51	14.9	1,460	14.9	75,940	14.9
<b>Architecture and engineering occupations ....</b>						
Architects, except naval .....	33.28	8.6	1,361	9.1	70,750	9.1
Architects, except landscape and naval .....	33.61	9.6	1,376	10.2	71,541	10.2

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>Architecture and engineering occupations</b>						
–Continued						
Engineers .....	\$48.43	3.6%	\$1,967	3.9%	\$102,251	3.9%
Aerospace engineers .....	55.15	4.3	2,206	4.3	114,715	4.3
Civil engineers .....	42.22	8.2	1,690	8.2	87,865	8.2
Computer hardware engineers .....	50.37	7.0	2,168	8.7	112,754	8.7
Electrical and electronics engineers .....	49.64	11.3	2,042	10.9	106,180	10.9
Electrical engineers .....	50.26	5.6	2,035	5.1	105,812	5.1
Electronics engineers, except computer .....	49.45	15.5	2,044	15.1	106,295	15.1
Environmental engineers .....	40.20	10.1	1,669	9.6	86,795	9.6
Industrial engineers, including health and safety .....	40.51	3.7	1,634	4.1	84,962	4.1
Industrial engineers .....	41.97	2.9	1,697	3.2	88,251	3.2
Mechanical engineers .....	52.69	9.8	2,151	10.0	111,844	10.0
Nuclear engineers .....	47.88	1.3	1,915	1.3	99,600	1.3
Petroleum engineers .....	50.75	3.0	2,030	3.0	100,204	3.0
Drafters .....	28.61	8.6	1,144	8.6	59,499	8.6
Architectural and civil drafters .....	24.08	5.1	963	5.1	50,091	5.1
Engineering technicians, except drafters .....	29.52	4.8	1,181	4.8	60,281	4.8
Aerospace engineering and operations technicians .....	30.92	5.0	1,237	5.0	64,313	5.0
Electrical and electronic engineering technicians .....	27.94	4.7	1,118	4.7	58,111	4.7
Surveying and mapping technicians .....	30.81	12.0	1,232	12.0	64,083	12.0
<b>Life, physical, and social science occupations</b>	33.98	6.8	1,382	7.2	71,865	7.2
Life scientists .....	35.66	11.1	1,424	11.3	74,064	11.3
Biological scientists .....	34.40	11.7	1,373	12.1	71,402	12.1
Biochemists and biophysicists .....	36.31	19.2	1,442	19.6	74,977	19.6
Physical scientists .....	32.67	5.5	1,370	5.0	71,241	5.0
Chemists and materials scientists .....	29.48	6.9	1,188	6.1	61,766	6.1
Chemists .....	29.48	6.9	1,188	6.1	61,766	6.1
Environmental scientists and geoscientists .....	30.29	3.8	1,311	4.2	68,149	4.2
Geoscientists, except hydrologists and geographers .....	28.98	3.9	1,312	7.8	68,229	7.8
Market and survey researchers .....	50.77	6.9	2,146	7.1	111,614	7.1
Market research analysts .....	50.77	6.9	2,146	7.1	111,614	7.1
Biological technicians .....	25.24	8.2	1,006	8.3	52,289	8.3
Miscellaneous life, physical, and social science technicians .....	26.49	15.8	1,060	15.8	55,095	15.8
<b>Community and social services occupations</b>	20.55	10.5	806	11.1	41,507	11.1
Counselors .....	18.66	17.4	725	18.2	37,489	18.2
Mental health counselors .....	20.57	5.8	807	5.8	41,977	5.8

See footnotes at end of table.

RSE Table 12

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

Occupation <sup>2</sup>	Hourly earnings <sup>3</sup>		Weekly earnings <sup>5</sup>		Annual earnings <sup>6</sup>	
	Mean	Relative error <sup>4</sup>	Mean	Relative error <sup>4</sup>	Mean	Relative error <sup>4</sup>
<b>Community and social services occupations</b>						
–Continued						
Social workers .....	\$26.22	10.1%	\$1,050	10.3%	\$54,317	10.3%
Child, family, and school social workers ..	20.94	7.1	838	7.1	42,751	7.1
Medical and public health social workers	29.67	5.8	1,183	5.9	61,527	5.9
Mental health and substance abuse social workers .....	29.24	26.2	1,179	26.5	61,326	26.5
Miscellaneous community and social service specialists .....	16.68	11.9	655	13.0	33,380	13.0
Social and human service assistants .....	14.48	8.5	564	10.1	28,557	10.1
<b>Legal occupations</b> .....	54.15	15.8	2,174	16.0	113,038	16.0
Lawyers .....	76.45	14.2	3,095	14.7	160,945	14.7
Paralegals and legal assistants .....	29.40	5.7	1,167	5.5	60,699	5.5
Miscellaneous legal support workers .....	29.64	12.6	1,186	12.6	61,652	12.6
<b>Education, training, and library occupations</b>	29.22	8.9	1,142	8.7	51,529	8.7
Postsecondary teachers .....	47.99	8.3	1,882	8.0	87,435	8.0
Social sciences teachers, postsecondary ....	53.86	3.8	2,109	4.2	80,751	4.2
Health teachers, postsecondary .....	49.86	23.3	1,994	23.3	103,114	23.3
Health specialties teachers, postsecondary .....	54.51	28.1	2,180	28.1	112,533	28.1
Arts, communications, and humanities teachers, postsecondary .....	34.86	8.2	1,270	11.6	50,909	11.6
Miscellaneous postsecondary teachers .....	38.69	17.3	1,531	17.1	77,539	17.1
Primary, secondary, and special education school teachers .....	21.39	14.2	835	13.8	36,507	13.8
Preschool and kindergarten teachers .....	13.56	7.6	531	7.5	25,406	7.5
Preschool teachers, except special education .....	12.78	5.9	500	5.8	24,220	5.8
Elementary and middle school teachers ....	29.86	6.3	1,140	5.7	43,042	5.7
Elementary school teachers, except special education .....	29.90	8.9	1,139	8.0	43,458	8.0
Middle school teachers, except special and vocational education .....	29.76	6.6	1,142	6.6	42,220	6.6
Secondary school teachers .....	39.44	9.4	1,571	9.5	62,552	9.5
Secondary school teachers, except special and vocational education ....	39.44	9.4	1,571	9.5	62,552	9.5
Librarians .....	42.03	11.8	1,643	12.1	80,398	12.1
Teacher assistants .....	11.53	3.5	445	4.2	21,382	4.2
<b>Arts, design, entertainment, sports, and media occupations</b> .....	30.88	10.1	1,230	9.6	63,947	9.6
Artists and related workers .....	39.10	22.0	1,553	22.5	80,755	22.5

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>Arts, design, entertainment, sports, and media occupations –Continued</b>						
Designers .....	\$26.45	7.2%	\$1,047	6.6%	\$54,443	6.6%
Graphic designers .....	26.76	10.3	1,067	10.3	55,470	10.3
Interior designers .....	29.75	6.1	1,137	3.8	59,120	3.8
Actors, producers, and directors .....	42.53	6.4	1,701	6.4	88,472	6.4
Producers and directors .....	42.53	6.4	1,701	6.4	88,472	6.4
News analysts, reporters and correspondents .....	22.52	11.6	896	11.6	46,611	11.6
Reporters and correspondents .....	22.52	11.6	896	11.6	46,611	11.6
Public relations specialists .....	24.86	12.2	982	12.2	51,054	12.2
Writers and editors .....	32.27	5.6	1,241	5.7	64,557	5.7
Technical writers .....	36.88	5.6	1,439	5.3	74,852	5.3
Broadcast and sound engineering technicians and radio operators .....	32.78	9.6	1,366	11.5	71,009	11.5
<b>Healthcare practitioner and technical occupations .....</b>						
Dietitians and nutritionists .....	36.56	5.0	1,427	5.1	74,189	5.1
Pharmacists .....	28.23	6.8	1,106	7.0	57,510	7.0
Physician assistants .....	56.14	1.3	2,228	1.5	115,861	1.5
Registered nurses .....	50.39	16.8	1,976	16.8	102,728	16.8
Therapists .....	40.21	1.9	1,540	2.0	80,094	2.0
Occupational therapists .....	40.28	5.6	1,595	5.9	82,852	5.9
Physical therapists .....	40.67	9.4	1,627	9.4	84,591	9.4
Respiratory therapists .....	42.81	8.0	1,708	8.0	88,793	8.0
Clinical laboratory technologists and technicians .....	31.68	4.3	1,213	7.4	63,081	7.4
Medical and clinical laboratory technologists .....	24.41	3.8	973	3.7	50,601	3.7
Medical and clinical laboratory technicians .....	31.84	3.8	1,267	4.1	65,884	4.1
Dental hygienists .....	19.83	7.2	791	7.1	41,134	7.1
Diagnostic related technologists and technicians .....	44.72	9.3	1,539	8.6	80,046	8.6
Cardiovascular technologists and technicians .....	29.85	5.1	1,185	5.1	61,640	5.1
Radiologic technologists and technicians ..	37.79	13.0	1,512	13.0	78,612	13.0
Emergency medical technicians and paramedics .....	27.77	6.1	1,102	6.1	57,325	6.1
Health diagnosing and treating practitioner support technicians .....	13.25	9.0	537	8.0	27,923	8.0
Pharmacy technicians .....	19.88	3.3	773	3.5	40,182	3.5
Surgical technologists .....	17.86	7.6	695	8.0	36,124	8.0
	22.41	4.4	884	4.0	45,968	4.0

See footnotes at end of table.

RSE Table 12

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

Occupation <sup>2</sup>	Hourly earnings <sup>3</sup>		Weekly earnings <sup>5</sup>		Annual earnings <sup>6</sup>	
	Mean	Relative error <sup>4</sup>	Mean	Relative error <sup>4</sup>	Mean	Relative error <sup>4</sup>
<b>Healthcare practitioner and technical occupations –Continued</b>						
Licensed practical and licensed vocational nurses .....	\$22.89	2.2%	\$893	2.7%	\$46,439	2.7%
Medical records and health information technicians .....	15.67	3.3	627	3.3	32,603	3.3
Opticians, dispensing .....	17.29	6.8	692	6.8	35,958	6.8
Miscellaneous health technologists and technicians .....	26.46	18.2	1,011	20.1	52,572	20.1
Occupational health and safety specialists and technicians .....	23.86	9.4	954	9.4	49,623	9.4
<b>Healthcare support occupations</b> .....	14.83	2.5	577	2.6	29,984	2.6
Nursing, psychiatric, and home health aides	12.42	2.2	482	2.3	25,089	2.3
Home health aides .....	11.72	6.1	424	6.3	22,047	6.3
Nursing aides, orderlies, and attendants ....	12.45	2.2	486	2.3	25,296	2.3
Psychiatric aides .....	13.43	9.8	537	9.8	27,925	9.8
Miscellaneous healthcare support occupations .....	16.00	3.1	622	2.9	32,312	2.9
Dental assistants .....	18.22	3.5	678	3.1	35,276	3.1
Medical assistants .....	15.08	3.3	593	3.1	30,793	3.1
Pharmacy aides .....	18.01	13.5	720	13.5	37,460	13.5
<b>Protective service occupations</b> .....	13.25	6.1	525	6.0	27,289	6.0
Security guards and gaming surveillance officers .....	12.25	5.8	484	5.6	25,193	5.6
Security guards .....	12.25	5.8	484	5.6	25,193	5.6
Miscellaneous protective service workers .....	14.41	7.1	576	7.1	29,975	7.1
<b>Food preparation and serving related occupations</b> .....	11.71	1.9	449	1.7	23,316	1.7
First-line supervisors/managers, food preparation and serving workers .....	18.17	5.8	736	6.3	37,784	6.3
Chefs and head cooks .....	21.55	8.2	870	8.3	44,368	8.3
First-line supervisors/managers of food preparation and serving workers .....	17.50	5.4	709	6.0	36,472	6.0
Cooks .....	12.47	2.0	481	2.1	24,981	2.1
Cooks, fast food .....	10.05	5.7	392	6.2	20,407	6.2
Cooks, institution and cafeteria .....	14.78	5.2	587	5.3	30,454	5.3
Cooks, restaurant .....	12.67	2.5	485	3.0	25,198	3.0
Cooks, short order .....	11.63	6.5	449	7.3	23,362	7.3
Food preparation workers .....	10.53	7.1	414	7.3	21,552	7.3
Food service, tipped .....	8.76	2.2	326	3.0	16,925	3.0
Bartenders .....	9.41	4.4	350	5.6	18,191	5.6

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>Food preparation and serving related occupations –Continued</b>						
Waiters and waitresses .....	\$8.44	2.6%	\$313	3.6%	\$16,238	3.6%
Dining room and cafeteria attendants and bartender helpers .....	9.01	3.1	340	5.1	17,658	5.1
Fast food and counter workers .....	10.30	1.9	401	2.3	20,829	2.3
Combined food preparation and serving workers, including fast food .....	10.28	1.8	402	2.0	20,902	2.0
Counter attendants, cafeteria, food concession, and coffee shop .....	10.41	6.1	394	9.1	20,479	9.1
Food servers, nonrestaurant .....	11.10	4.8	439	4.6	22,835	4.6
Dishwashers .....	10.53	6.2	399	6.9	20,741	6.9
Hosts and hostesses, restaurant, lounge, and coffee shop .....	11.18	8.4	366	12.0	19,020	12.0
<b>Building and grounds cleaning and maintenance occupations .....</b>						
First-line supervisors/managers, building and grounds cleaning and maintenance workers .....	12.80	2.8	501	3.2	26,020	3.2
First-line supervisors/managers of housekeeping and janitorial workers ...	18.85	9.7	752	9.7	39,109	9.7
Building cleaning workers .....	18.17	9.6	728	9.6	37,847	9.6
Janitors and cleaners, except maids and housekeeping cleaners .....	12.12	5.2	474	5.7	24,611	5.7
Maids and housekeeping cleaners .....	12.78	6.9	506	7.0	26,290	7.0
Grounds maintenance workers .....	10.90	2.9	418	3.3	21,721	3.3
Landscaping and groundskeeping workers	13.42	4.3	522	4.3	27,120	4.3
Personal care and service occupations .....	13.02	4.8	513	4.9	26,605	4.9
First-line supervisors/managers of personal service workers .....	13.19	3.9	488	3.5	25,078	3.5
Gaming services workers .....	15.20	10.9	611	10.2	31,774	10.2
Miscellaneous entertainment attendants and related workers .....	9.84	9.1	373	10.1	19,392	10.1
Amusement and recreation attendants .....	10.55	6.8	416	7.4	19,859	7.4
Baggage porters, bellhops, and concierges ....	10.05	9.2	404	9.6	18,534	9.6
Baggage porters and bellhops .....	11.04	5.6	438	5.6	22,754	5.6
Concierges .....	9.99	10.1	400	10.1	20,781	10.1
Transportation attendants .....	11.82	9.3	465	9.3	24,183	9.3
Flight attendants .....	26.86	10.1	631	5.0	32,823	5.0
Child care workers .....	28.80	7.4	636	5.8	33,090	5.8
Personal and home care aides .....	10.61	3.7	417	3.1	21,402	3.1
Recreation and fitness workers .....	11.52	4.0	446	5.6	23,182	5.6
	16.57	7.8	652	7.8	33,913	7.8

See footnotes at end of table.



RSE Table 12

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

Occupation <sup>2</sup>	Hourly earnings <sup>3</sup>		Weekly earnings <sup>5</sup>		Annual earnings <sup>6</sup>	
	Mean	Relative error <sup>4</sup>	Mean	Relative error <sup>4</sup>	Mean	Relative error <sup>4</sup>
<b>Personal care and service occupations</b>						
–Continued						
Fitness trainers and aerobics instructors .....	\$18.71	5.3%	\$730	5.9%	\$37,968	5.9%
<b>Sales and related occupations</b> .....	21.47	3.1	852	3.2	43,968	3.2
First-line supervisors/managers, sales workers .....	22.32	5.5	915	6.1	47,579	6.1
First-line supervisors/managers of retail sales workers .....	20.00	6.1	824	7.1	42,838	7.1
First-line supervisors/managers of non-retail sales workers .....	28.95	9.5	1,170	9.5	60,866	9.5
Retail sales workers .....	14.50	5.2	570	5.3	29,214	5.3
Cashiers, all workers .....	11.44	2.9	452	2.8	23,291	2.8
Cashiers .....	11.43	2.9	452	2.8	23,288	2.8
Counter and rental clerks and parts salespersons .....	17.47	6.6	696	6.7	36,180	6.7
Counter and rental clerks .....	17.68	17.7	707	17.7	36,779	17.7
Parts salespersons .....	17.40	6.5	692	6.7	35,987	6.7
Retail salespersons .....	16.08	6.2	628	6.6	31,975	6.6
Advertising sales agents .....	23.73	11.5	939	10.9	48,851	10.9
Insurance sales agents .....	42.99	24.5	1,718	24.8	89,329	24.8
Securities, commodities, and financial services sales agents .....	63.60	16.8	2,544	16.8	132,284	16.8
Travel agents .....	19.85	14.1	794	14.1	41,286	14.1
Sales representatives, wholesale and manufacturing .....	32.19	5.9	1,304	5.8	67,814	5.8
Sales representatives, wholesale and manufacturing, technical and scientific products .....	42.81	9.3	1,714	9.3	89,104	9.3
Sales representatives, wholesale and manufacturing, except technical and scientific products .....	28.33	7.8	1,153	7.8	59,937	7.8
Models, demonstrators, and product promoters .....	20.90	18.9	831	19.0	43,228	19.0
Demonstrators and product promoters .....	20.90	18.9	831	19.0	43,228	19.0
Real estate brokers and sales agents .....	30.94	27.4	1,238	27.4	64,353	27.4
Real estate sales agents .....	30.94	27.4	1,238	27.4	64,353	27.4
Sales engineers .....	34.27	25.7	1,371	25.7	71,275	25.7
Miscellaneous sales and related workers .....	19.93	8.4	768	9.1	39,566	9.1
<b>Office and administrative support occupations</b> .....	18.03	1.2	716	1.3	37,172	1.3
First-line supervisors/managers of office and administrative support workers .....	24.89	3.0	998	3.3	51,878	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>Office and administrative support occupations –Continued</b>						
Switchboard operators, including answering service .....	\$13.24	6.8%	\$530	6.8%	\$27,547	6.8%
Financial clerks .....	17.92	1.6	713	1.7	37,065	1.7
Bill and account collectors .....	19.94	5.2	797	5.2	41,465	5.2
Billing and posting clerks and machine operators .....	17.52	3.4	697	3.4	36,224	3.4
Bookkeeping, accounting, and auditing clerks .....	18.75	2.5	748	2.5	38,898	2.5
Payroll and timekeeping clerks .....	17.68	2.5	701	2.2	36,459	2.2
Procurement clerks .....	15.57	7.1	592	5.3	30,784	5.3
Tellers .....	14.31	2.4	565	2.6	29,401	2.6
Brokerage clerks .....	20.03	4.2	801	4.2	41,654	4.2
Credit authorizers, checkers, and clerks .....	20.24	5.4	810	5.4	42,095	5.4
Customer service representatives .....	17.50	4.4	700	4.4	36,375	4.4
File clerks .....	16.91	3.6	664	3.3	34,528	3.3
Hotel, motel, and resort desk clerks .....	12.10	5.1	475	4.8	24,708	4.8
Interviewers, except eligibility and loan .....	16.52	6.2	647	5.7	33,652	5.7
Loan interviewers and clerks .....	16.17	5.3	643	5.2	33,460	5.2
New accounts clerks .....	18.77	10.3	751	10.3	39,034	10.3
Order clerks .....	16.36	4.8	652	4.7	33,265	4.7
Human resources assistants, except payroll and timekeeping .....	19.92	4.7	791	5.3	41,141	5.3
Receptionists and information clerks .....	14.54	3.7	575	3.8	29,865	3.8
Reservation and transportation ticket agents and travel clerks .....	17.36	8.7	694	8.7	36,112	8.7
Cargo and freight agents .....	29.20	23.6	1,167	23.6	60,659	23.6
Couriers and messengers .....	11.00	15.5	440	15.5	22,872	15.5
Dispatchers .....	18.43	6.2	736	6.0	38,255	6.0
Dispatchers, except police, fire, and ambulance .....	18.75	5.8	747	5.7	38,845	5.7
Meter readers, utilities .....	27.51	5.6	1,100	5.6	57,219	5.6
Production, planning, and expediting clerks .....	21.28	4.9	851	4.9	44,256	4.9
Shipping, receiving, and traffic clerks .....	13.92	1.7	557	1.7	28,955	1.7
Stock clerks and order fillers .....	14.70	4.1	582	4.1	30,276	4.1
Weighers, measurers, checkers, and samplers, recordkeeping .....	15.43	5.7	617	5.7	30,488	5.7
Secretaries and administrative assistants .....	22.90	2.5	902	2.4	46,815	2.4
Executive secretaries and administrative assistants .....	24.24	1.9	967	2.0	50,292	2.0
Legal secretaries .....	27.46	6.3	1,056	5.8	54,899	5.8
Medical secretaries .....	20.75	11.1	779	9.6	40,341	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>Office and administrative support occupations –Continued</b>						
Secretaries, except legal, medical, and executive .....	\$17.92	4.3%	\$714	4.1%	\$36,929	4.1%
Data entry and information processing workers .....	15.15	6.8	600	6.8	31,203	6.8
Data entry keyers .....	13.56	3.2	535	3.1	27,815	3.1
Word processors and typists .....	18.53	21.1	741	21.1	38,551	21.1
Insurance claims and policy processing clerks .....	19.24	4.6	759	5.0	39,444	5.0
Mail clerks and mail machine operators, except postal service .....	11.61	9.6	459	9.4	23,884	9.4
Office clerks, general .....	16.19	2.6	642	2.5	33,327	2.5
<b>Farming, fishing, and forestry occupations ..</b>	19.47	14.6	760	16.0	37,323	16.0
<b>Construction and extraction occupations .....</b>	23.89	2.3	945	2.2	48,380	2.2
First-line supervisors/managers of construction trades and extraction workers .....	35.47	5.5	1,414	5.2	72,062	5.2
Carpenters .....	24.69	4.7	983	4.7	50,022	4.7
Cement masons, concrete finishers, and terrazzo workers .....	25.27	5.2	906	12.2	45,810	12.2
Cement masons and concrete finishers .....	25.27	5.2	906	12.2	45,810	12.2
Construction laborers .....	18.89	5.3	737	5.4	37,010	5.4
Construction equipment operators .....	25.45	8.4	1,013	8.3	49,205	8.3
Operating engineers and other construction equipment operators .....	28.95	9.9	1,158	9.9	57,533	9.9
Drywall installers, ceiling tile installers, and tapers .....	22.39	10.0	886	9.1	45,835	9.1
Drywall and ceiling tile installers .....	24.28	9.8	959	9.0	49,483	9.0
Tapers .....	20.07	13.4	797	12.6	41,329	12.6
Electricians .....	30.02	7.5	1,191	7.3	61,937	7.3
Painters and paperhangers .....	18.91	5.6	750	6.0	38,984	6.0
Painters, construction and maintenance .....	18.77	5.7	743	6.1	38,659	6.1
Pipelayers, plumbers, pipefitters, and steamfitters .....	29.39	3.2	1,176	3.2	61,136	3.2
Plumbers, pipefitters, and steamfitters .....	29.33	3.3	1,173	3.3	61,014	3.3
Plasterers and stucco masons .....	26.54	21.1	1,062	21.1	55,212	21.1
Roofers .....	19.27	13.4	769	13.5	39,315	13.5
Sheet metal workers .....	33.16	17.2	1,327	17.2	68,979	17.2
Structural iron and steel workers .....	28.68	6.0	1,147	6.0	59,047	6.0
Helpers, construction trades .....	15.73	9.5	620	10.7	32,209	10.7
Helpers--carpenters .....	15.00	7.0	600	7.0	31,038	7.0

See footnotes at end of table.

RSE Table 12

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

Occupation <sup>2</sup>	Hourly earnings <sup>3</sup>		Weekly earnings <sup>5</sup>		Annual earnings <sup>6</sup>	
	Mean	Relative error <sup>4</sup>	Mean	Relative error <sup>4</sup>	Mean	Relative error <sup>4</sup>
<b>Construction and extraction occupations</b>						
–Continued						
Construction and building inspectors .....	\$27.86	13.3%	\$1,114	13.3%	\$57,954	13.3%
Miscellaneous construction and related workers .....	14.57	18.2	583	18.2	29,667	18.2
<b>Installation, maintenance, and repair occupations</b>						
First-line supervisors/managers of mechanics, installers, and repairers .....	24.52	2.1	982	2.2	51,017	2.2
Computer, automated teller, and office machine repairers .....	33.17	3.8	1,335	4.0	69,440	4.0
Radio and telecommunications equipment installers and repairers .....	19.99	11.9	798	11.9	41,507	11.9
Telecommunications equipment installers and repairers, except line installers .....	28.03	4.2	1,118	4.2	58,144	4.2
Miscellaneous electrical and electronic equipment mechanics, installers, and repairers .....	28.03	4.2	1,118	4.2	58,144	4.2
Electrical and electronics repairers, commercial and industrial equipment .....	26.08	8.8	1,052	9.6	54,654	9.6
Aircraft mechanics and service technicians ..	28.83	6.3	1,177	7.1	61,073	7.1
Automotive technicians and repairers .....	31.74	3.2	1,270	3.2	66,018	3.2
Automotive body and related repairers .....	22.85	7.8	912	7.8	47,404	7.8
Automotive service technicians and mechanics .....	23.86	10.0	954	10.0	49,627	10.0
Bus and truck mechanics and diesel engine specialists .....	22.77	9.1	908	9.1	47,218	9.1
Heavy vehicle and mobile equipment service technicians and mechanics .....	24.37	4.7	971	4.9	50,517	4.9
Mobile heavy equipment mechanics, except engines .....	23.54	6.2	942	6.2	48,964	6.2
Miscellaneous vehicle and mobile equipment mechanic, installers, and repairers .....	24.00	5.7	960	5.7	49,922	5.7
Tire repairers and changers .....	13.77	4.7	551	4.7	28,637	4.7
Heating, air conditioning, and refrigeration mechanics and installers .....	13.74	4.8	550	4.8	28,574	4.8
Industrial machinery installation, repair, and maintenance workers .....	35.46	15.6	1,469	14.5	75,862	14.5
Industrial machinery mechanics .....	22.13	2.8	881	2.7	45,800	2.7
Maintenance and repair workers, general ..	25.87	2.9	1,033	2.9	53,726	2.9
Maintenance workers, machinery .....	20.00	5.9	797	5.7	41,434	5.7
Line installers and repairers .....	19.50	8.8	769	9.2	39,985	9.2
	28.27	4.8	1,131	4.8	58,795	4.8

See footnotes at end of table.

RSE Table 12

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

Occupation <sup>2</sup>	Hourly earnings <sup>3</sup>		Weekly earnings <sup>5</sup>		Annual earnings <sup>6</sup>	
	Mean	Relative error <sup>4</sup>	Mean	Relative error <sup>4</sup>	Mean	Relative error <sup>4</sup>
<b>Installation, maintenance, and repair occupations –Continued</b>						
Electrical power-line installers and repairers .....	\$37.98	3.3%	\$1,519	3.3%	\$79,007	3.3%
Telecommunications line installers and repairers .....	27.61	5.2	1,105	5.2	57,439	5.2
Miscellaneous installation, maintenance, and repair workers .....	16.64	7.6	666	7.6	34,451	7.6
Helpers--installation, maintenance, and repair workers .....	12.00	9.1	480	9.1	24,765	9.1
<b>Production occupations</b> .....	16.62	1.9	659	2.0	34,040	2.0
First-line supervisors/managers of production and operating workers .....	27.03	4.8	1,092	5.2	56,775	5.2
Electrical, electronics, and electromechanical assemblers .....	13.41	6.6	533	7.0	27,695	7.0
Electrical and electronic equipment assemblers .....	12.50	7.8	494	8.6	25,693	8.6
Electromechanical equipment assemblers .....	14.42	16.6	577	16.6	30,002	16.6
Miscellaneous assemblers and fabricators .....	14.30	3.9	563	3.8	29,295	3.8
Team assemblers .....	10.64	7.2	426	7.2	22,137	7.2
Bakers .....	12.14	4.1	483	4.0	25,140	4.0
Butchers and other meat, poultry, and fish processing workers .....	17.34	7.7	686	7.8	35,672	7.8
Butchers and meat cutters .....	17.85	7.6	705	7.8	36,645	7.8
Miscellaneous food processing workers .....	12.58	6.1	503	6.1	26,155	6.1
Food batchmakers .....	13.40	6.8	535	6.8	27,822	6.8
Food cooking machine operators and tenders .....	9.63	3.3	385	3.3	20,021	3.3
Computer control programmers and operators .....	20.65	8.0	817	9.0	42,487	9.0
Computer-controlled machine tool operators, metal and plastic .....	20.06	9.7	792	11.0	41,197	11.0
Forming machine setters, operators, and tenders, metal and plastic .....	18.16	9.2	727	9.2	37,782	9.2
Machine tool cutting setters, operators, and tenders, metal and plastic .....	15.04	7.8	602	7.8	31,292	7.8
Cutting, punching, and press machine setters, operators, and tenders, metal and plastic .....	17.50	9.4	700	9.4	36,403	9.4
Grinding, lapping, polishing, and buffing machine tool setters, operators, and tenders, metal and plastic .....	12.05	5.2	482	5.2	25,055	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>Production occupations –Continued</b>						
Lathe and turning machine tool setters, operators, and tenders, metal and plastic .....	\$13.62	6.8%	\$545	6.8%	\$28,329	6.8%
Machinists .....	24.88	3.6	980	4.4	50,947	4.4
Molders and molding machine setters, operators, and tenders, metal and plastic .....	16.30	11.3	652	11.3	33,911	11.3
Molding, coremaking, and casting machine setters, operators, and tenders, metal and plastic .....	16.14	16.3	646	16.3	33,581	16.3
Multiple machine tool setters, operators, and tenders, metal and plastic .....	13.41	4.1	537	4.1	27,901	4.1
Tool and die makers .....	23.83	4.0	953	4.0	49,567	4.0
Welding, soldering, and brazing workers .....	20.34	4.6	814	4.6	42,304	4.6
Welders, cutters, solderers, and brazers .....	20.78	5.6	831	5.6	43,227	5.6
Welding, soldering, and brazing machine setters, operators, and tenders .....	18.24	14.5	729	14.5	37,930	14.5
Miscellaneous metalworkers and plastic workers .....	15.66	7.4	627	7.4	32,579	7.4
Bookbinders and bindery workers .....	16.28	19.7	611	19.6	31,787	19.6
Bindery workers .....	16.28	19.7	611	19.6	31,787	19.6
Printers .....	19.52	6.4	780	6.4	40,558	6.4
Job printers .....	17.62	14.0	705	14.0	36,651	14.0
Prepress technicians and workers .....	26.45	9.4	1,058	9.4	55,008	9.4
Printing machine operators .....	17.55	6.7	701	6.7	36,448	6.7
Laundry and dry-cleaning workers .....	11.63	13.0	459	13.1	23,875	13.1
Sewing machine operators .....	8.94	6.2	353	4.6	18,373	4.6
Textile machine setters, operators, and tenders .....	9.85	7.9	394	7.9	20,483	7.9
Miscellaneous textile, apparel, and furnishings workers .....	12.62	17.9	505	17.9	26,241	17.9
Cabinetmakers and bench carpenters .....	14.32	4.1	573	4.1	29,775	4.1
Woodworking machine setters, operators, and tenders .....	12.95	8.9	512	8.8	26,539	8.8
Sawing machine setters, operators, and tenders, wood .....	13.60	8.0	533	8.4	27,620	8.4
Woodworking machine setters, operators, and tenders, except sawing .....	11.85	12.3	474	12.3	24,647	12.3
Stationary engineers and boiler operators .....	32.71	5.2	1,252	3.4	65,087	3.4
Miscellaneous plant and system operators .....	29.36	9.1	994	12.6	48,742	12.6
Petroleum pump system operators, refinery operators, and gaugers .....	32.27	3.6	1,278	4.1	66,455	4.1
Chemical processing machine setters, operators, and tenders .....	17.77	6.9	671	7.2	34,879	7.2

See footnotes at end of table.

RSE Table 12

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

Occupation <sup>2</sup>	Hourly earnings <sup>3</sup>		Weekly earnings <sup>5</sup>		Annual earnings <sup>6</sup>	
	Mean	Relative error <sup>4</sup>	Mean	Relative error <sup>4</sup>	Mean	Relative error <sup>4</sup>
<b>Production occupations –Continued</b>						
Separating, filtering, clarifying, precipitating, and still machine setters, operators, and tenders .....	\$18.07	7.8%	\$688	8.3%	\$35,784	8.3%
Crushing, grinding, polishing, mixing, and blending workers .....	12.12	14.2	485	14.2	25,168	14.2
Mixing and blending machine setters, operators, and tenders .....	11.67	18.4	467	18.4	24,274	18.4
Cutting workers .....	14.05	17.9	536	17.8	26,475	17.8
Cutting and slicing machine setters, operators, and tenders .....	14.19	18.7	540	18.7	27,330	18.7
Extruding, forming, pressing, and compacting machine setters, operators, and tenders .....	15.88	19.2	635	19.2	33,035	19.2
Inspectors, testers, sorters, samplers, and weighers .....	17.04	4.7	681	4.7	34,728	4.7
Packaging and filling machine operators and tenders .....	14.20	9.4	563	9.2	28,893	9.2
Painting workers .....	14.62	17.4	554	22.2	28,795	22.2
Coating, painting, and spraying machine setters, operators, and tenders .....	12.86	10.7	483	14.5	25,134	14.5
Photographic process workers and processing machine operators .....	18.19	13.4	718	12.4	37,324	12.4
Semiconductor processors .....	17.71	6.1	708	6.1	36,831	6.1
Miscellaneous production workers .....	14.33	8.0	569	7.8	28,785	7.8
Helpers--production workers .....	10.92	4.9	437	4.9	20,633	4.9
<b>Transportation and material moving occupations</b> .....						
First-line supervisors/managers of helpers, laborers, and material movers, hand .....	22.85	8.4	914	8.4	47,535	8.4
First-line supervisors/managers of transportation and material-moving machine and vehicle operators .....	26.23	5.6	1,049	5.6	54,525	5.6
Aircraft pilots and flight engineers .....	98.61	14.5	2,130	11.5	110,740	11.5
Airline pilots, copilots, and flight engineers .....	99.74	14.4	2,141	11.5	111,312	11.5
Bus drivers .....	15.97	3.2	618	1.5	30,597	1.5
Bus drivers, transit and intercity .....	16.18	2.9	625	1.2	32,007	1.2
Driver/sales workers and truck drivers .....	18.95	2.4	767	2.8	39,741	2.8
Driver/sales workers .....	16.63	14.9	723	13.1	37,617	13.1
Truck drivers, heavy and tractor-trailer .....	20.37	1.9	825	3.4	42,767	3.4
Truck drivers, light or delivery services .....	17.21	5.7	687	5.7	35,599	5.7
Taxi drivers and chauffeurs .....	11.49	15.7	444	16.1	23,099	16.1

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>Transportation and material moving occupations –Continued</b>						
Parking lot attendants .....	\$9.26	11.1%	\$370	11.1%	\$19,254	11.1%
Service station attendants .....	9.88	10.0	374	11.0	19,451	11.0
Crane and tower operators .....	35.13	4.3	1,393	4.6	72,437	4.6
Dredge, excavating, and loading machine operators .....	23.23	8.5	929	8.5	48,309	8.5
Excavating and loading machine and dragline operators .....	22.65	8.4	906	8.4	47,118	8.4
Industrial truck and tractor operators .....	15.53	3.7	620	3.7	31,777	3.7
Laborers and material movers, hand .....	12.63	2.9	498	2.9	25,433	2.9
Cleaners of vehicles and equipment .....	12.32	1.8	474	2.8	24,499	2.8
Laborers and freight, stock, and material movers, hand .....	13.28	2.6	526	2.7	27,081	2.7
Machine feeders and offbearers .....	10.90	14.2	434	14.2	22,561	14.2
Packers and packagers, hand .....	10.91	9.2	430	9.3	21,241	9.3

<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> The NCS uses the 2000 Standard Occupational Classification coding structure, which defines more than 800 unique occupations, to match jobs sampled by the survey. Military occupations are excluded from the survey.

<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 chapter 8 of the BLS Handbook of Methods, at [http://www.bls.gov/pub/opub/hom/homch8\\_a.htm](http://www.bls.gov/pub/opub/hom/homch8_a.htm).

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

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

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

SOURCE: Bureau of Labor Statistics, National Compensation Survey.