

RSE Table 11

Full-time¹ civilian workers: Relative standard errors of mean hourly, weekly, and annual earnings

Occupation ²	Hourly earnings ³		Weekly earnings ⁵		Annual earnings ⁶	
	Mean	Relative error ⁴	Mean	Relative error ⁴	Mean	Relative error ⁴
All workers	\$24.56	1.2%	\$956	1.1%	\$48,505	1.1%
Management occupations	49.78	3.0	1,971	2.8	102,274	2.8
General and operations managers	52.99	4.9	2,161	4.5	112,361	4.5
Marketing and sales managers	52.59	5.3	2,054	5.0	106,805	5.0
Marketing managers	54.60	2.5	2,077	2.6	107,995	2.6
Sales managers	48.73	12.4	2,007	10.9	104,341	10.9
Public relations managers	62.54	16.0	2,325	19.3	120,907	19.3
Administrative services managers	32.97	4.8	1,282	6.0	66,667	6.0
Computer and information systems managers	64.02	9.4	2,534	9.1	131,782	9.1
Financial managers	52.03	3.5	2,068	4.6	106,807	4.6
Human resources managers	38.96	4.4	1,526	4.7	79,331	4.7
Compensation and benefits managers	36.09	9.4	1,413	9.3	73,472	9.3
Industrial production managers	46.66	6.9	1,866	6.9	97,048	6.9
Purchasing managers	51.25	12.5	2,041	12.3	106,151	12.3
Transportation, storage, and distribution managers	47.80	18.5	1,901	18.0	98,842	18.0
Construction managers	36.91	8.8	1,508	8.9	78,442	8.9
Education administrators	38.41	4.1	1,509	3.8	77,636	3.8
Education administrators, elementary and secondary school	48.62	7.9	1,895	8.7	94,848	8.7
Education administrators, postsecondary ..	41.92	5.8	1,580	5.9	82,156	5.9
Engineering managers	49.64	5.4	1,991	5.4	103,552	5.4
Food service managers	37.95	18.1	1,557	15.3	80,942	15.3
Medical and health services managers	41.93	13.8	1,589	13.7	82,659	13.7
Social and community service managers	31.85	7.4	1,218	7.2	63,331	7.2
Business and financial operations occupations	32.73	1.8	1,273	1.8	66,175	1.8
Buyers and purchasing agents	26.88	3.1	1,060	3.5	55,123	3.5
Wholesale and retail buyers, except farm products	27.41	5.4	1,067	6.1	55,486	6.1
Purchasing agents, except wholesale, retail, and farm products	26.36	6.1	1,053	6.2	54,744	6.2
Claims adjusters, appraisers, examiners, and investigators	27.76	4.3	1,069	3.8	55,571	3.8
Claims adjusters, examiners, and investigators	27.61	4.1	1,062	3.6	55,208	3.6
Compliance officers, except agriculture, construction, health and safety, and transportation	30.66	5.2	1,153	5.0	59,958	5.0
Cost estimators	33.59	11.5	1,340	11.5	69,689	11.5
Human resources, training, and labor relations specialists	29.26	8.4	1,138	10.1	59,177	10.1

See footnotes at end of table.

RSE Table 11

Full-time¹ civilian workers: Relative standard errors of mean hourly, weekly, and annual earnings — Continued

Occupation ²	Hourly earnings ³		Weekly earnings ⁵		Annual earnings ⁶	
	Mean	Relative error ⁴	Mean	Relative error ⁴	Mean	Relative error ⁴
Business and financial operations occupations –Continued						
Employment, recruitment, and placement specialists	\$28.36	13.0%	\$1,112	14.2%	\$57,812	14.2%
Compensation, benefits, and job analysis specialists	27.45	6.7	1,056	4.4	54,921	4.4
Training and development specialists	31.50	15.3	1,253	15.7	65,151	15.7
Logisticians	30.12	5.1	1,205	5.1	62,642	5.1
Management analysts	33.13	6.9	1,313	6.1	68,250	6.1
Accountants and auditors	32.22	3.5	1,242	3.3	64,584	3.3
Budget analysts	29.80	3.8	1,210	5.1	62,906	5.1
Credit analysts	28.55	7.6	1,095	6.8	56,930	6.8
Financial analysts and advisors	43.80	16.2	1,704	14.9	88,621	14.9
Financial analysts	41.63	8.2	1,644	7.2	85,501	7.2
Personal financial advisors	63.30	42.3	2,468	42.5	128,359	42.5
Insurance underwriters	32.99	13.8	1,229	12.6	63,913	12.6
Financial examiners	27.33	16.5	1,035	17.2	53,830	17.2
Loan counselors and officers	31.90	13.1	1,241	12.0	64,559	12.0
Loan counselors	21.78	6.5	841	5.9	43,762	5.9
Loan officers	34.21	16.2	1,334	14.6	69,349	14.6
Tax examiners, collectors, preparers, and revenue agents	26.66	13.6	1,003	13.6	52,152	13.6
Tax examiners, collectors, and revenue agents	26.66	13.6	1,003	13.6	52,152	13.6
Computer and mathematical science occupations						
Computer programmers	36.38	10.0	1,443	9.8	75,028	9.8
Computer software engineers	46.16	4.0	1,820	3.6	94,657	3.6
Computer software engineers, applications	47.20	8.8	1,862	8.2	96,836	8.2
Computer software engineers, systems software	45.42	1.8	1,791	1.8	93,118	1.8
Computer support specialists	29.27	9.3	1,125	9.8	57,896	9.8
Computer systems analysts	37.81	4.2	1,482	4.1	76,973	4.1
Database administrators	33.03	13.6	1,249	17.1	64,938	17.1
Network and computer systems administrators	34.60	2.6	1,351	2.4	70,176	2.4
Network systems and data communications analysts	51.59	12.8	2,003	14.1	104,143	14.1
Operations research analysts	36.73	11.2	1,441	10.9	74,921	10.9
Architecture and engineering occupations						
Architects, except naval	36.94	10.7	1,467	11.4	76,260	11.4
Architects, except landscape and naval	38.65	7.1	1,533	7.8	79,733	7.8

See footnotes at end of table.

RSE Table 11

**Full-time¹ civilian workers: Relative standard errors
of mean hourly, weekly, and annual earnings — Continued**

Occupation ²	Hourly earnings ³		Weekly earnings ⁵		Annual earnings ⁶	
	Mean	Relative error ⁴	Mean	Relative error ⁴	Mean	Relative error ⁴
Architecture and engineering occupations						
–Continued						
Engineers	\$39.14	4.9%	\$1,561	4.8%	\$81,197	4.8%
Civil engineers	31.01	4.6	1,283	5.8	66,751	5.8
Electrical and electronics engineers	40.65	6.7	1,626	6.7	84,546	6.7
Electrical engineers	41.46	7.0	1,658	7.0	86,237	7.0
Electronics engineers, except computer	37.81	5.0	1,512	5.0	78,643	5.0
Industrial engineers, including health and safety	34.39	7.5	1,375	7.5	71,495	7.5
Industrial engineers	34.73	7.6	1,388	7.6	72,200	7.6
Materials engineers	44.27	27.4	1,895	22.0	98,545	22.0
Mechanical engineers	34.50	5.7	1,372	7.4	71,342	7.4
Drafters	25.63	10.4	1,010	9.9	52,546	9.9
Architectural and civil drafters	27.19	21.9	1,098	21.6	57,096	21.6
Engineering technicians, except drafters	28.49	2.1	1,137	2.1	59,100	2.1
Electrical and electronic engineering technicians	30.50	2.1	1,219	2.1	63,370	2.1
Industrial engineering technicians	23.20	10.4	923	10.5	48,016	10.5
Life, physical, and social science occupations	30.97	5.0	1,185	4.9	60,867	4.9
Life scientists	35.87	9.3	1,343	10.6	69,864	10.6
Biological scientists	31.81	16.5	1,184	17.2	61,579	17.2
Medical scientists	39.84	5.3	1,512	6.0	78,621	6.0
Physical scientists	32.63	3.2	1,243	3.6	64,648	3.6
Chemists and materials scientists	30.43	9.1	1,169	7.7	60,800	7.7
Chemists	30.48	9.4	1,170	8.0	60,841	8.0
Environmental scientists and geoscientists	30.08	9.2	1,157	8.1	60,190	8.1
Environmental scientists and specialists, including health	30.57	8.2	1,173	7.8	60,994	7.8
Market and survey researchers	27.33	13.3	1,046	11.0	54,414	11.0
Market research analysts	27.33	13.3	1,046	11.0	54,414	11.0
Psychologists	41.58	9.9	1,550	9.6	69,418	9.6
Clinical, counseling, and school psychologists	41.90	10.4	1,562	10.2	69,227	10.2
Chemical technicians	26.13	9.2	1,044	9.3	54,238	9.3
Miscellaneous life, physical, and social science technicians	21.49	8.4	842	8.3	43,796	8.3
Community and social services occupations	24.46	3.8	909	3.6	45,269	3.6
Counselors	27.11	8.2	1,017	7.3	48,552	7.3
Substance abuse and behavioral disorder counselors	16.42	5.1	642	4.8	33,122	4.8
Educational, vocational, and school counselors	37.20	8.8	1,328	8.0	58,637	8.0

See footnotes at end of table.

RSE Table 11

Full-time¹ civilian workers: Relative standard errors of mean hourly, weekly, and annual earnings — Continued

Occupation ²	Hourly earnings ³		Weekly earnings ⁵		Annual earnings ⁶	
	Mean	Relative error ⁴	Mean	Relative error ⁴	Mean	Relative error ⁴
Community and social services occupations						
–Continued						
Mental health counselors	\$20.46	10.2%	\$801	8.4%	\$41,651	8.4%
Rehabilitation counselors	18.57	8.4	733	7.8	38,133	7.8
Social workers	25.68	11.2	937	10.8	46,947	10.8
Child, family, and school social workers ..	30.15	28.5	1,067	27.7	50,237	27.7
Medical and public health social workers	26.75	2.5	989	2.5	51,417	2.5
Mental health and substance abuse social workers	21.10	9.9	788	9.2	40,975	9.2
Miscellaneous community and social service specialists	20.07	7.4	757	7.0	39,118	7.0
Probation officers and correctional treatment specialists	30.34	12.5	1,113	10.2	57,897	10.2
Social and human service assistants	14.97	4.2	573	4.3	29,455	4.3
Legal occupations	42.63	14.2	1,632	13.1	84,734	13.1
Lawyers	55.82	14.9	2,179	13.1	113,310	13.1
Judges, magistrates, and other judicial workers	59.23	8.3	2,080	8.2	108,182	8.2
Paralegals and legal assistants	22.05	8.9	828	7.5	43,032	7.5
Miscellaneous legal support workers	22.84	10.2	876	9.9	44,682	9.9
Law clerks	26.44	18.7	954	18.4	49,598	18.4
Education, training, and library occupations	39.47	1.8	1,407	2.0	56,539	2.0
Postsecondary teachers	54.31	4.6	2,006	4.1	80,390	4.1
Business teachers, postsecondary	69.95	13.1	2,622	12.2	97,798	12.2
Math and computer teachers, postsecondary	52.58	17.1	1,940	17.6	75,697	17.6
Computer science teachers, postsecondary	54.92	25.6	2,063	27.0	80,145	27.0
Mathematical science teachers, postsecondary	50.86	10.1	1,852	9.5	72,506	9.5
Life sciences teachers, postsecondary	44.20	17.7	1,804	18.1	74,548	18.1
Biological science teachers, postsecondary	44.03	18.3	1,805	19.0	74,751	19.0
Physical sciences teachers, postsecondary	58.15	7.6	2,185	7.3	82,632	7.3
Chemistry teachers, postsecondary	59.79	4.4	2,174	8.0	73,494	8.0
Social sciences teachers, postsecondary	59.69	13.0	1,950	11.9	67,521	11.9
Psychology teachers, postsecondary	50.51	15.3	1,924	10.7	73,081	10.7
Health teachers, postsecondary	66.91	9.8	2,491	10.8	100,520	10.8
Health specialties teachers, postsecondary	71.71	9.6	2,647	10.9	104,310	10.9
Education and library science teachers, postsecondary	41.24	22.1	1,594	22.5	60,211	22.5

See footnotes at end of table.

RSE Table 11

**Full-time¹ civilian workers: Relative standard errors
of mean hourly, weekly, and annual earnings — Continued**

Occupation ²	Hourly earnings ³		Weekly earnings ⁵		Annual earnings ⁶	
	Mean	Relative error ⁴	Mean	Relative error ⁴	Mean	Relative error ⁴
Education, training, and library occupations –Continued						
Arts, communications, and humanities teachers, postsecondary	\$51.47	6.6%	\$1,919	6.0%	\$73,831	6.0%
Art, drama, and music teachers, postsecondary	54.48	17.1	2,108	14.5	83,590	14.5
English language and literature teachers, postsecondary	52.09	9.4	1,912	9.1	77,844	9.1
History teachers, postsecondary	49.47	3.3	1,858	2.9	66,193	2.9
Miscellaneous postsecondary teachers	43.93	10.7	1,610	8.9	69,140	8.9
Vocational education teachers, postsecondary	40.02	12.3	1,496	9.9	58,146	9.9
Primary, secondary, and special education school teachers	40.18	2.0	1,427	1.3	56,275	1.3
Preschool and kindergarten teachers	22.12	19.1	766	10.1	35,131	10.1
Preschool teachers, except special education	20.64	21.6	710	10.7	33,270	10.7
Kindergarten teachers, except special education	32.72	31.5	1,206	28.1	47,087	28.1
Elementary and middle school teachers	41.70	2.7	1,494	2.6	57,763	2.6
Elementary school teachers, except special education	41.18	4.0	1,476	3.8	57,027	3.8
Middle school teachers, except special and vocational education	43.18	4.2	1,545	3.4	59,844	3.4
Secondary school teachers	44.26	2.6	1,563	2.3	60,145	2.3
Secondary school teachers, except special and vocational education	44.24	2.8	1,566	2.5	60,209	2.5
Vocational education teachers, secondary school	44.46	11.4	1,530	10.5	59,552	10.5
Special education teachers	45.00	5.0	1,595	4.1	61,965	4.1
Special education teachers, preschool, kindergarten, and elementary school	43.00	5.0	1,529	4.4	60,273	4.4
Special education teachers, middle school	42.26	9.5	1,520	8.8	58,181	8.8
Special education teachers, secondary school	50.24	7.4	1,758	5.9	66,844	5.9
Other teachers and instructors	51.87	4.8	1,780	4.3	67,203	4.3
Librarians	30.52	17.5	1,118	17.7	55,617	17.7
Library technicians	13.94	14.7	508	13.4	25,251	13.4
Instructional coordinators	30.99	7.4	1,173	5.8	58,187	5.8
Teacher assistants	14.55	5.8	514	5.1	21,436	5.1
Arts, design, entertainment, sports, and media occupations	35.56	10.4	1,390	9.4	70,397	9.4

See footnotes at end of table.

RSE Table 11

Full-time¹ civilian workers: Relative standard errors of mean hourly, weekly, and annual earnings — Continued

Occupation ²	Hourly earnings ³		Weekly earnings ⁵		Annual earnings ⁶	
	Mean	Relative error ⁴	Mean	Relative error ⁴	Mean	Relative error ⁴
Arts, design, entertainment, sports, and media occupations –Continued						
Artists and related workers	\$25.06	14.3%	\$988	15.0%	\$51,375	15.0%
Designers	28.33	10.3	1,123	11.4	58,413	11.4
Graphic designers	28.25	7.1	1,100	7.5	57,213	7.5
Actors, producers, and directors	88.70	32.8	3,507	33.3	182,344	33.3
Producers and directors	88.70	32.8	3,507	33.3	182,344	33.3
Athletes, coaches, umpires, and related workers	22.94	10.1	886	8.9	42,746	8.9
Coaches and scouts	22.94	10.1	886	8.9	42,746	8.9
Public relations specialists	33.58	25.0	1,309	25.2	68,093	25.2
Writers and editors	33.28	12.4	1,278	10.6	66,432	10.6
Editors	36.58	12.1	1,377	10.5	71,604	10.5
Broadcast and sound engineering technicians and radio operators	32.72	8.8	1,296	9.3	67,401	9.3
Healthcare practitioner and technical occupations						
Dietitians and nutritionists	28.35	9.5	1,113	10.7	57,870	10.7
Pharmacists	49.73	2.9	1,955	3.9	101,671	3.9
Physicians and surgeons	66.20	8.5	2,650	8.6	137,806	8.6
Internists, general	65.85	13.0	2,436	13.8	126,658	13.8
Physician assistants	40.52	4.0	1,616	4.2	84,015	4.2
Registered nurses	34.32	2.5	1,317	2.6	67,963	2.6
Therapists	29.47	8.7	1,138	7.2	56,983	7.2
Occupational therapists	38.77	13.9	1,381	9.3	59,485	9.3
Physical therapists	29.15	14.1	1,143	12.5	58,497	12.5
Respiratory therapists	27.91	6.8	1,099	6.4	57,131	6.4
Clinical laboratory technologists and technicians	21.79	3.1	851	3.1	44,264	3.1
Medical and clinical laboratory technologists	25.75	5.5	997	5.7	51,857	5.7
Medical and clinical laboratory technicians	18.82	3.7	740	3.5	38,492	3.5
Dental hygienists	32.90	5.5	1,021	5.1	53,102	5.1
Diagnostic related technologists and technicians	24.68	6.6	943	5.8	49,059	5.8
Cardiovascular technologists and technicians	17.20	12.6	667	12.4	34,675	12.4
Radiologic technologists and technicians ..	24.52	6.9	941	6.2	48,947	6.2
Emergency medical technicians and paramedics	20.90	17.1	811	15.6	42,181	15.6
Health diagnosing and treating practitioner support technicians	16.30	4.9	635	4.2	33,014	4.2

See footnotes at end of table.

RSE Table 11

Full-time¹ civilian workers: Relative standard errors of mean hourly, weekly, and annual earnings — Continued

Occupation ²	Hourly earnings ³		Weekly earnings ⁵		Annual earnings ⁶	
	Mean	Relative error ⁴	Mean	Relative error ⁴	Mean	Relative error ⁴
Healthcare practitioner and technical occupations –Continued						
Pharmacy technicians	\$15.87	5.8%	\$622	4.7%	\$32,349	4.7%
Licensed practical and licensed vocational nurses	19.92	4.0	766	3.6	39,510	3.6
Medical records and health information technicians	16.52	10.8	651	10.7	33,853	10.7
Miscellaneous health technologists and technicians	19.20	9.5	762	9.2	39,598	9.2
Occupational health and safety specialists and technicians	24.51	5.1	1,006	5.8	51,524	5.8
Occupational health and safety specialists	24.51	5.1	1,006	5.8	51,524	5.8
Healthcare support occupations	13.52	2.9	513	3.0	26,690	3.0
Nursing, psychiatric, and home health aides	13.04	3.6	504	3.9	26,196	3.9
Home health aides	10.62	3.5	410	2.4	21,316	2.4
Nursing aides, orderlies, and attendants	13.74	1.8	528	1.8	27,441	1.8
Psychiatric aides	15.03	5.6	594	5.8	30,882	5.8
Physical therapist assistants and aides	10.91	8.7	424	9.9	22,024	9.9
Physical therapist aides	10.82	8.5	420	9.7	21,853	9.7
Miscellaneous healthcare support occupations	14.87	3.1	538	2.8	27,907	2.8
Dental assistants	16.70	5.1	544	6.7	28,312	6.7
Medical assistants	13.87	5.2	508	4.3	26,415	4.3
Medical equipment preparers	17.20	6.7	674	7.0	35,064	7.0
Medical transcriptionists	14.87	10.0	554	7.5	28,788	7.5
Protective service occupations	23.21	7.1	914	6.9	47,041	6.9
First-line supervisors/managers, law enforcement workers	40.77	6.3	1,613	5.5	83,862	5.5
First-line supervisors/managers of police and detectives	43.69	3.6	1,725	3.0	89,680	3.0
Fire fighters	28.25	4.2	1,160	2.8	60,332	2.8
Fire inspectors	20.51	10.8	753	9.3	39,168	9.3
Fire inspectors and investigators	20.82	11.5	764	10.1	39,726	10.1
Bailiffs, correctional officers, and jailers	25.56	6.9	1,012	6.9	52,654	6.9
Correctional officers and jailers	25.40	6.6	1,009	6.9	52,521	6.9
Detectives and criminal investigators	38.63	4.0	1,518	3.8	78,931	3.8
Police officers	30.91	2.3	1,227	2.4	63,794	2.4
Police and sheriff's patrol officers	30.91	2.3	1,227	2.4	63,794	2.4
Security guards and gaming surveillance officers	12.43	5.9	490	5.8	25,151	5.8
Security guards	12.43	5.9	490	5.8	25,151	5.8
Miscellaneous protective service workers	13.75	14.0	462	20.0	19,067	20.0

See footnotes at end of table.

RSE Table 11

Full-time¹ civilian workers: Relative standard errors of mean hourly, weekly, and annual earnings — Continued

Occupation ²	Hourly earnings ³		Weekly earnings ⁵		Annual earnings ⁶	
	Mean	Relative error ⁴	Mean	Relative error ⁴	Mean	Relative error ⁴
Food preparation and serving related occupations	\$10.54	4.2%	\$407	3.4%	\$20,827	3.4%
First-line supervisors/managers, food preparation and serving workers	18.06	4.3	772	3.4	39,721	3.4
Chefs and head cooks	17.94	12.4	730	12.7	37,947	12.7
First-line supervisors/managers of food preparation and serving workers	18.07	4.6	776	3.5	39,898	3.5
Cooks	11.93	4.0	465	4.0	23,586	4.0
Cooks, fast food	10.78	13.8	405	14.5	21,072	14.5
Cooks, institution and cafeteria	13.57	4.0	530	4.2	26,254	4.2
Cooks, restaurant	11.69	4.9	455	5.1	23,170	5.1
Food preparation workers	11.39	4.6	433	4.5	21,952	4.5
Food service, tipped	5.66	17.1	211	15.4	10,698	15.4
Bartenders	6.50	9.8	227	7.5	11,700	7.5
Waiters and waitresses	4.75	17.4	177	16.4	8,931	16.4
Dining room and cafeteria attendants and bartender helpers	8.36	20.4	326	20.1	16,726	20.1
Fast food and counter workers	9.46	5.4	354	7.8	18,183	7.8
Combined food preparation and serving workers, including fast food	9.76	4.4	361	5.1	18,547	5.1
Counter attendants, cafeteria, food concession, and coffee shop	9.16	10.0	348	14.0	17,805	14.0
Food servers, nonrestaurant	12.44	8.3	478	7.7	24,841	7.7
Dishwashers	8.62	3.0	336	3.0	17,453	3.0
Building and grounds cleaning and maintenance occupations	15.52	4.9	614	5.0	31,252	5.0
First-line supervisors/managers, building and grounds cleaning and maintenance workers	24.97	10.9	991	10.4	51,533	10.4
First-line supervisors/managers of housekeeping and janitorial workers ...	22.66	4.8	892	4.7	46,370	4.7
First-line supervisors/managers of landscaping, lawn service, and groundskeeping workers	30.54	33.6	1,236	33.3	64,284	33.3
Building cleaning workers	14.83	4.6	586	4.7	30,252	4.7
Janitors and cleaners, except maids and housekeeping cleaners	15.00	6.3	593	6.5	30,643	6.5
Maids and housekeeping cleaners	12.31	12.3	481	12.1	24,725	12.1
Grounds maintenance workers	14.51	6.1	577	5.9	26,429	5.9
Landscaping and groundskeeping workers	13.92	9.3	553	9.0	25,062	9.0
Personal care and service occupations	13.72	6.3	507	7.1	25,425	7.1

See footnotes at end of table.

RSE Table 11

Full-time¹ civilian workers: Relative standard errors of mean hourly, weekly, and annual earnings — Continued

Occupation ²	Hourly earnings ³		Weekly earnings ⁵		Annual earnings ⁶	
	Mean	Relative error ⁴	Mean	Relative error ⁴	Mean	Relative error ⁴
Personal care and service occupations						
–Continued						
First-line supervisors/managers of gaming workers	\$15.05	5.6%	\$602	5.6%	\$31,308	5.6%
Slot key persons	13.29	.7	532	.7	27,647	.7
First-line supervisors/managers of personal service workers	19.76	8.9	768	9.9	39,930	9.9
Gaming services workers	7.68	6.4	307	6.4	15,976	6.4
Gaming dealers	7.18	2.5	287	2.5	14,931	2.5
Baggage porters, bellhops, and concierges	12.62	32.8	491	33.0	25,549	33.0
Transportation attendants	35.20	4.6	825	2.4	41,936	2.4
Child care workers	11.85	7.8	446	7.7	21,366	7.7
Personal and home care aides	9.21	1.0	356	3.3	18,498	3.3
Recreation and fitness workers	13.55	11.8	554	11.1	19,115	11.1
Recreation workers	13.36	13.7	548	13.0	17,874	13.0
Sales and related occupations	22.42	2.5	889	2.5	46,083	2.5
First-line supervisors/managers, sales workers	20.73	10.2	860	9.8	44,717	9.8
First-line supervisors/managers of retail sales workers	19.04	6.7	792	6.5	41,191	6.5
First-line supervisors/managers of non-retail sales workers	31.94	23.4	1,299	23.4	67,542	23.4
Retail sales workers	14.43	3.5	570	3.6	29,459	3.6
Cashiers, all workers	10.83	5.0	419	4.9	21,711	4.9
Cashiers	10.82	5.0	419	5.0	21,676	5.0
Counter and rental clerks and parts salespersons	15.33	12.7	625	12.3	32,119	12.3
Counter and rental clerks	11.76	3.6	481	3.2	24,405	3.2
Parts salespersons	18.28	14.6	742	14.8	38,581	14.8
Retail salespersons	16.12	4.8	638	4.5	33,033	4.5
Advertising sales agents	17.43	10.1	670	9.5	34,825	9.5
Insurance sales agents	33.54	16.3	1,342	14.6	69,780	14.6
Securities, commodities, and financial services sales agents	51.69	14.2	2,040	13.9	106,073	13.9
Sales representatives, wholesale and manufacturing	35.47	8.6	1,411	8.2	73,227	8.2
Sales representatives, wholesale and manufacturing, technical and scientific products	38.38	20.5	1,520	19.8	79,054	19.8
Sales representatives, wholesale and manufacturing, except technical and scientific products	34.71	5.6	1,382	5.3	71,700	5.3
Telemarketers	16.02	21.2	563	24.7	29,293	24.7

See footnotes at end of table.

RSE Table 11

**Full-time¹ civilian workers: Relative standard errors
of mean hourly, weekly, and annual earnings — Continued**

Occupation ²	Hourly earnings ³		Weekly earnings ⁵		Annual earnings ⁶	
	Mean	Relative error ⁴	Mean	Relative error ⁴	Mean	Relative error ⁴
Sales and related occupations –Continued						
Miscellaneous sales and related workers	\$19.73	14.2%	\$781	14.6%	\$40,597	14.6%
Office and administrative support occupations						
First-line supervisors/managers of office and administrative support workers	17.92	1.2	689	1.0	35,687	1.0
Switchboard operators, including answering service	25.14	2.9	967	3.3	50,283	3.3
Financial clerks	15.87	8.0	599	8.1	31,134	8.1
Bill and account collectors	16.51	1.7	643	1.7	33,427	1.7
Billing and posting clerks and machine operators	17.46	7.9	685	7.1	35,626	7.1
Bookkeeping, accounting, and auditing clerks	16.23	2.2	627	2.1	32,572	2.1
Payroll and timekeeping clerks	17.76	1.1	688	1.2	35,793	1.2
Procurement clerks	18.59	4.0	732	4.4	38,057	4.4
Tellers	17.85	6.9	709	6.3	36,852	6.3
Brokerage clerks	12.15	2.1	477	1.8	24,817	1.8
Court, municipal, and license clerks	22.79	4.6	860	5.5	44,732	5.5
Credit authorizers, checkers, and clerks	23.36	8.8	830	7.4	43,196	7.4
Customer service representatives	18.94	8.6	747	7.2	38,850	7.2
Eligibility interviewers, government programs	17.46	8.2	687	7.7	35,580	7.7
File clerks	17.99	11.0	662	9.1	34,433	9.1
Hotel, motel, and resort desk clerks	12.41	3.2	482	3.1	25,073	3.1
Interviewers, except eligibility and loan	10.59	4.0	423	4.0	22,019	4.0
Library assistants, clerical	16.34	7.0	609	6.1	31,656	6.1
Loan interviewers and clerks	16.26	8.3	613	7.1	30,266	7.1
Order clerks	17.98	5.3	704	5.0	36,601	5.0
Human resources assistants, except payroll and timekeeping	14.75	2.9	589	3.4	30,124	3.4
Receptionists and information clerks	20.12	5.0	778	3.2	40,442	3.2
Couriers and messengers	14.03	4.0	539	3.4	27,800	3.4
Dispatchers	10.57	22.6	403	18.6	20,971	18.6
Police, fire, and ambulance dispatchers	23.86	6.5	946	7.4	49,191	7.4
Dispatchers, except police, fire, and ambulance	19.49	9.3	751	8.1	39,075	8.1
Production, planning, and expediting clerks	24.75	7.8	987	8.5	51,322	8.5
Shipping, receiving, and traffic clerks	18.83	3.7	745	3.7	38,755	3.7
Stock clerks and order fillers	13.24	5.1	527	5.3	27,417	5.3
Secretaries and administrative assistants	13.04	4.7	512	4.5	26,631	4.5
Executive secretaries and administrative assistants	21.75	1.7	821	1.6	42,408	1.6
	23.53	5.1	884	4.3	45,944	4.3

See footnotes at end of table.

RSE Table 11

**Full-time¹ civilian workers: Relative standard errors
of mean hourly, weekly, and annual earnings — Continued**

Occupation ²	Hourly earnings ³		Weekly earnings ⁵		Annual earnings ⁶	
	Mean	Relative error ⁴	Mean	Relative error ⁴	Mean	Relative error ⁴
Office and administrative support occupations –Continued						
Legal secretaries	\$26.28	2.8%	\$972	2.8%	\$50,536	2.8%
Medical secretaries	16.46	5.9	624	5.5	32,428	5.5
Secretaries, except legal, medical, and executive	19.43	4.1	743	4.1	37,959	4.1
Computer operators	19.46	4.5	730	3.4	37,943	3.4
Data entry and information processing workers	15.42	2.9	574	2.3	29,744	2.3
Data entry keyers	13.89	2.2	518	3.2	26,913	3.2
Word processors and typists	18.88	10.7	699	10.0	36,020	10.0
Insurance claims and policy processing clerks	18.08	3.5	695	3.6	36,155	3.6
Mail clerks and mail machine operators, except postal service	13.85	8.7	530	7.1	27,580	7.1
Office clerks, general	16.45	2.4	624	2.9	32,238	2.9
Office machine operators, except computer ..	13.64	14.3	527	12.8	27,400	12.8
Construction and extraction occupations	26.25	4.0	1,035	3.7	52,847	3.7
First-line supervisors/managers of construction trades and extraction workers	35.24	13.4	1,393	13.5	71,198	13.5
Brickmasons, blockmasons, and stonemasons	27.77	2.8	1,109	2.8	56,071	2.8
Brickmasons and blockmasons	27.77	2.8	1,109	2.8	56,071	2.8
Carpenters	25.43	12.2	1,008	12.3	50,870	12.3
Construction laborers	23.09	14.8	917	15.0	42,687	15.0
Construction equipment operators	24.08	9.6	955	9.8	49,682	9.8
Operating engineers and other construction equipment operators	24.68	10.1	980	10.2	50,981	10.2
Electricians	32.36	15.0	1,246	14.3	64,793	14.3
Painters and paperhangers	21.54	22.6	824	19.0	42,839	19.0
Painters, construction and maintenance	21.54	22.6	824	19.0	42,839	19.0
Pipelayers, plumbers, pipefitters, and steamfitters	31.93	19.9	1,266	20.3	65,854	20.3
Plumbers, pipefitters, and steamfitters	32.49	20.2	1,288	20.7	66,953	20.7
Roofers	20.70	9.4	807	9.4	38,588	9.4
Sheet metal workers	25.49	21.2	1,009	21.4	52,393	21.4
Structural iron and steel workers	36.64	24.9	1,466	24.9	76,211	24.9
Helpers, construction trades	13.28	4.9	531	4.9	27,345	4.9
Construction and building inspectors	22.40	7.4	889	7.4	46,255	7.4
Highway maintenance workers	17.27	3.8	687	3.7	35,730	3.7
Miscellaneous construction and related workers	25.18	15.7	996	16.1	49,939	16.1

See footnotes at end of table.

RSE Table 11

**Full-time¹ civilian workers: Relative standard errors
of mean hourly, weekly, and annual earnings — Continued**

Occupation ²	Hourly earnings ³		Weekly earnings ⁵		Annual earnings ⁶	
	Mean	Relative error ⁴	Mean	Relative error ⁴	Mean	Relative error ⁴
Installation, maintenance, and repair occupations	\$22.28	3.1%	\$889	3.2%	\$46,196	3.2%
First-line supervisors/managers of mechanics, installers, and repairers	30.40	5.8	1,218	5.9	63,300	5.9
Miscellaneous electrical and electronic equipment mechanics, installers, and repairers	17.89	14.7	714	14.9	37,142	14.9
Electrical and electronics repairers, powerhouse, substation, and relay	29.05	9.8	1,162	9.8	60,416	9.8
Security and fire alarm systems installers	21.52	1.5	855	1.7	44,478	1.7
Aircraft mechanics and service technicians ..	26.50	6.8	1,060	6.8	55,110	6.8
Automotive technicians and repairers	16.63	6.4	666	6.4	34,617	6.4
Automotive body and related repairers	15.50	10.4	620	10.4	32,248	10.4
Automotive service technicians and mechanics	17.31	5.1	693	5.1	36,041	5.1
Bus and truck mechanics and diesel engine specialists	21.65	6.5	866	6.5	45,042	6.5
Heavy vehicle and mobile equipment service technicians and mechanics	20.83	8.4	853	6.4	44,377	6.4
Mobile heavy equipment mechanics, except engines	22.37	3.8	895	3.8	46,533	3.8
Control and valve installers and repairers	27.03	14.2	1,081	14.2	56,221	14.2
Heating, air conditioning, and refrigeration mechanics and installers	23.29	7.3	931	7.2	48,414	7.2
Home appliance repairers	20.85	19.6	834	19.6	43,367	19.6
Industrial machinery installation, repair, and maintenance workers	21.02	4.3	836	4.5	43,365	4.5
Industrial machinery mechanics	21.00	5.7	846	5.7	44,003	5.7
Maintenance and repair workers, general ..	21.24	4.6	838	4.8	43,486	4.8
Maintenance workers, machinery	19.25	6.9	770	6.9	39,946	6.9
Millwrights	23.96	10.8	955	10.6	49,661	10.6
Line installers and repairers	31.96	2.9	1,279	2.9	66,487	2.9
Electrical power-line installers and repairers	34.84	2.4	1,393	2.4	72,459	2.4
Telecommunications line installers and repairers	28.26	6.9	1,130	6.9	58,775	6.9
Precision instrument and equipment repairers	25.04	14.4	984	13.3	51,152	13.3
Miscellaneous installation, maintenance, and repair workers	18.37	5.4	722	5.5	37,562	5.5
Helpers--installation, maintenance, and repair workers	15.48	9.9	619	9.9	32,208	9.9
Production occupations	16.44	2.1	654	2.1	33,891	2.1

See footnotes at end of table.

RSE Table 11

**Full-time¹ civilian workers: Relative standard errors
of mean hourly, weekly, and annual earnings — Continued**

Occupation ²	Hourly earnings ³		Weekly earnings ⁵		Annual earnings ⁶	
	Mean	Relative error ⁴	Mean	Relative error ⁴	Mean	Relative error ⁴
Production occupations –Continued						
First-line supervisors/managers of production and operating workers	\$24.07	7.1%	\$965	6.8%	\$50,140	6.8%
Electrical, electronics, and electromechanical assemblers	16.24	3.4	648	3.5	33,707	3.5
Coil winders, tapers, and finishers	15.39	17.5	615	17.5	32,005	17.5
Electrical and electronic equipment assemblers	14.59	6.2	584	6.2	30,343	6.2
Electromechanical equipment assemblers	17.42	4.0	694	4.4	36,089	4.4
Miscellaneous assemblers and fabricators	12.24	7.6	486	7.5	25,261	7.5
Team assemblers	14.44	9.6	578	9.6	29,962	9.6
Bakers	20.31	18.8	801	19.9	41,644	19.9
Butchers and other meat, poultry, and fish processing workers	15.50	10.5	614	10.7	31,943	10.7
Butchers and meat cutters	16.95	12.0	669	12.2	34,795	12.2
Miscellaneous food processing workers	13.99	8.9	551	9.2	28,662	9.2
Food batchmakers	15.08	8.1	587	9.1	30,504	9.1
Food cooking machine operators and tenders	16.76	11.6	671	11.6	34,869	11.6
Computer control programmers and operators	16.34	8.0	654	8.0	33,962	8.0
Computer-controlled machine tool operators, metal and plastic	16.19	8.3	647	8.3	33,644	8.3
Forming machine setters, operators, and tenders, metal and plastic	17.00	13.9	680	13.9	35,366	13.9
Extruding and drawing machine setters, operators, and tenders, metal and plastic	19.24	6.3	769	6.3	40,010	6.3
Machine tool cutting setters, operators, and tenders, metal and plastic	16.99	5.9	677	5.9	35,175	5.9
Cutting, punching, and press machine setters, operators, and tenders, metal and plastic	15.21	11.6	600	11.3	31,188	11.3
Drilling and boring machine tool setters, operators, and tenders, metal and plastic	19.24	12.7	769	12.7	40,013	12.7
Grinding, lapping, polishing, and buffing machine tool setters, operators, and tenders, metal and plastic	17.02	8.4	681	8.4	35,377	8.4
Lathe and turning machine tool setters, operators, and tenders, metal and plastic	19.58	3.7	783	3.7	40,736	3.7
Machinists	21.28	5.7	849	5.7	44,144	5.7
Metal furnace and kiln operators and tenders	18.43	4.3	731	3.7	37,920	3.7

See footnotes at end of table.

RSE Table 11

Full-time¹ civilian workers: Relative standard errors of mean hourly, weekly, and annual earnings — Continued

Occupation ²	Hourly earnings ³		Weekly earnings ⁵		Annual earnings ⁶	
	Mean	Relative error ⁴	Mean	Relative error ⁴	Mean	Relative error ⁴
Production occupations –Continued						
Metal-refining furnace operators and tenders	\$20.03	4.2%	\$789	4.0%	\$40,822	4.0%
Molders and molding machine setters, operators, and tenders, metal and plastic Molding, coremaking, and casting machine setters, operators, and tenders, metal and plastic	14.77	13.7	591	13.7	30,698	13.7
Multiple machine tool setters, operators, and tenders, metal and plastic	13.68	16.0	547	16.0	28,411	16.0
Tool and die makers	16.50	21.9	656	21.8	33,917	21.8
Welding, soldering, and brazing workers	25.70	3.3	1,021	3.4	53,094	3.4
Welders, cutters, solderers, and brazers	18.82	6.8	752	6.8	39,114	6.8
Miscellaneous metalworkers and plastic workers	19.02	6.9	760	6.9	39,514	6.9
Printers	13.46	17.4	538	17.4	27,961	17.4
Prepress technicians and workers	18.14	7.4	723	7.4	37,570	7.4
Printing machine operators	17.84	17.3	711	17.4	36,981	17.4
Laundry and dry-cleaning workers	18.30	4.2	729	4.0	37,928	4.0
Sewing machine operators	14.06	13.0	549	11.6	28,541	11.6
Tailors, dressmakers, and sewers	11.10	5.3	440	5.6	22,895	5.6
Textile machine setters, operators, and tenders	15.49	13.8	560	15.3	29,095	15.3
Miscellaneous textile, apparel, and furnishings workers	17.03	10.4	681	10.4	35,423	10.4
Woodworking machine setters, operators, and tenders	14.04	9.7	550	10.6	28,616	10.6
Woodworking machine setters, operators, and tenders, except sawing	14.57	10.8	583	10.8	30,310	10.8
Power plant operators, distributors, and dispatchers	14.22	2.0	569	2.0	29,575	2.0
Power plant operators	34.26	4.4	1,370	4.4	71,256	4.4
Stationary engineers and boiler operators	33.96	4.9	1,358	4.9	70,638	4.9
Water and liquid waste treatment plant and system operators	26.67	6.0	1,067	6.0	55,473	6.0
Chemical processing machine setters, operators, and tenders	19.59	9.1	783	9.1	40,740	9.1
Chemical equipment operators and tenders	21.85	11.7	874	11.7	45,350	11.7
Crushing, grinding, polishing, mixing, and blending workers	21.38	13.1	855	13.1	44,331	13.1
Crushing, grinding, and polishing machine setters, operators, and tenders	17.64	4.6	704	4.5	35,837	4.5
Grinding and polishing workers, hand	18.41	9.5	736	9.5	38,290	9.5
	16.67	8.4	667	8.4	32,355	8.4

See footnotes at end of table.

RSE Table 11

**Full-time¹ civilian workers: Relative standard errors
of mean hourly, weekly, and annual earnings — Continued**

Occupation ²	Hourly earnings ³		Weekly earnings ⁵		Annual earnings ⁶	
	Mean	Relative error ⁴	Mean	Relative error ⁴	Mean	Relative error ⁴
Production occupations –Continued						
Mixing and blending machine setters, operators, and tenders	\$17.96	6.3%	\$715	6.1%	\$37,204	6.1%
Cutting workers	16.30	5.1	652	5.1	32,116	5.1
Cutting and slicing machine setters, operators, and tenders	16.43	6.8	657	6.8	31,777	6.8
Inspectors, testers, sorters, samplers, and weighers	17.76	3.3	704	3.0	36,436	3.0
Packaging and filling machine operators and tenders	14.11	10.0	560	10.1	29,101	10.1
Painting workers	14.26	8.1	571	8.1	29,667	8.1
Coating, painting, and spraying machine setters, operators, and tenders	13.99	10.9	560	10.9	29,100	10.9
Photographic process workers and processing machine operators	13.53	13.9	528	11.5	27,440	11.5
Miscellaneous production workers	13.40	4.8	537	4.8	27,580	4.8
Paper goods machine setters, operators, and tenders	16.68	4.6	686	3.0	35,668	3.0
Helpers--production workers	11.94	5.7	477	5.7	24,598	5.7
Transportation and material moving occupations						
First-line supervisors/managers of helpers, laborers, and material movers, hand	25.10	14.8	1,061	19.3	55,193	19.3
First-line supervisors/managers of transportation and material-moving machine and vehicle operators	22.82	8.8	1,021	6.7	52,916	6.7
Aircraft pilots and flight engineers	80.69	42.4	2,199	17.5	114,337	17.5
Airline pilots, copilots, and flight engineers	127.51	16.7	2,677	4.7	139,192	4.7
Bus drivers	18.78	16.3	739	14.8	36,497	14.8
Bus drivers, transit and intercity	18.37	21.4	755	21.9	39,249	21.9
Bus drivers, school	20.24	5.3	695	8.2	29,894	8.2
Driver/sales workers and truck drivers	17.60	4.0	726	4.4	36,984	4.4
Driver/sales workers	15.15	14.5	625	15.8	32,505	15.8
Truck drivers, heavy and tractor-trailer	18.50	4.1	780	3.6	39,229	3.6
Truck drivers, light or delivery services	16.82	5.9	661	6.7	34,347	6.7
Taxi drivers and chauffeurs	11.10	32.1	431	28.6	22,284	28.6
Parking lot attendants	8.44	8.8	306	9.7	15,310	9.7
Transportation inspectors	26.26	5.3	1,044	5.4	54,304	5.4
Crane and tower operators	23.10	5.8	924	5.8	48,038	5.8
Dredge, excavating, and loading machine operators	18.14	3.5	726	3.5	37,738	3.5
Industrial truck and tractor operators	16.26	5.1	649	5.2	33,329	5.2

See footnotes at end of table.

RSE Table 11

Full-time¹ civilian workers: Relative standard errors of mean hourly, weekly, and annual earnings — Continued

Occupation ²	Hourly earnings ³		Weekly earnings ⁵		Annual earnings ⁶	
	Mean	Relative error ⁴	Mean	Relative error ⁴	Mean	Relative error ⁴
Transportation and material moving occupations –Continued						
Laborers and material movers, hand	\$11.99	2.4%	\$477	2.5%	\$24,653	2.5%
Cleaners of vehicles and equipment	11.73	5.3	470	6.0	24,425	6.0
Laborers and freight, stock, and material movers, hand	12.00	3.1	479	3.3	24,670	3.3
Machine feeders and offbearers	15.07	8.8	587	8.0	30,499	8.0
Packers and packagers, hand	11.24	6.6	445	6.7	23,132	6.7
Refuse and recyclable material collectors	13.54	22.1	624	17.8	32,015	17.8

¹ Employees are classified as working either a full-time or a part-time schedule based on the definition used by each establishment. Therefore, a worker with a 35-hour-per-week schedule might be considered a full-time employee in one establishment, but classified as part-time in another firm, where a 40-hour week is the minimum full-time schedule.

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

³ Earnings are the straight-time hourly wages or salaries paid to employees. They include incentive pay, cost-of-living adjustments, and hazard pay. Excluded are premium pay for overtime, vacations, and holidays; nonproduction bonuses; and tips. The mean is computed by totaling the pay of all workers and dividing by the number of workers, weighed by hours.

⁴ 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.

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

⁶ Mean annual earnings are the straight-time annual wages or salaries paid to 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.