

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	\$20.70	1.2%	\$823	1.2%	\$41,653	1.2%
Management occupations	44.92	2.2	1,831	2.3	94,266	2.3
General and operations managers	46.98	10.5	1,966	10.6	102,137	10.6
Advertising and promotions managers	37.50	12.7	1,520	13.1	79,062	13.1
Marketing and sales managers	53.50	8.9	2,218	9.1	115,322	9.1
Marketing managers	56.42	7.3	2,253	7.3	117,162	7.3
Sales managers	51.55	14.5	2,193	14.5	114,018	14.5
Public relations managers	34.02	12.4	1,306	13.9	67,211	13.9
Administrative services managers	30.78	8.3	1,267	8.3	65,420	8.3
Computer and information systems managers	48.97	10.8	1,971	10.6	102,498	10.6
Financial managers	51.06	8.7	2,068	8.3	107,350	8.3
Human resources managers	43.11	5.7	1,740	5.4	90,506	5.4
Compensation and benefits managers	38.82	8.6	1,581	9.5	82,213	9.5
Industrial production managers	45.06	5.9	1,811	5.8	94,187	5.8
Purchasing managers	39.37	13.9	1,575	13.9	81,895	13.9
Transportation, storage, and distribution managers	31.99	9.6	1,292	9.5	66,963	9.5
Construction managers	37.56	8.2	1,539	7.8	80,010	7.8
Education administrators	41.41	9.6	1,636	9.9	77,862	9.9
Education administrators, preschool and child care center/program	24.37	11.9	972	11.9	50,022	11.9
Education administrators, elementary and secondary school	42.40	3.6	1,671	4.6	75,014	4.6
Education administrators, postsecondary ..	53.41	24.7	2,101	24.7	108,972	24.7
Engineering managers	63.66	4.5	2,571	4.7	133,703	4.7
Food service managers	24.58	7.9	1,098	9.8	57,082	9.8
Medical and health services managers	41.41	6.5	1,736	7.6	90,284	7.6
Property, real estate, and community association managers	23.26	8.9	931	8.9	48,390	8.9
Social and community service managers	25.02	21.7	1,001	21.7	52,051	21.7
Business and financial operations occupations	30.34	2.1	1,218	2.1	62,898	2.1
Buyers and purchasing agents	31.22	5.4	1,252	5.3	65,107	5.3
Wholesale and retail buyers, except farm products	33.08	11.5	1,323	11.5	68,799	11.5
Purchasing agents, except wholesale, retail, and farm products	29.99	4.8	1,205	4.5	62,635	4.5
Claims adjusters, appraisers, examiners, and investigators	29.57	5.5	1,153	5.5	59,941	5.5
Claims adjusters, examiners, and investigators	28.77	6.0	1,119	5.9	58,200	5.9

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						
Compliance officers, except agriculture, construction, health and safety, and transportation	\$27.52	12.9%	\$1,102	12.8%	\$57,303	12.8%
Cost estimators	32.06	4.9	1,303	5.4	67,780	5.4
Human resources, training, and labor relations specialists	26.60	5.0	1,073	5.1	55,812	5.1
Employment, recruitment, and placement specialists	20.71	9.0	828	9.0	43,071	9.0
Compensation, benefits, and job analysis specialists	24.38	5.4	1,025	4.9	53,306	4.9
Training and development specialists	31.34	11.8	1,247	11.8	64,864	11.8
Logisticians	39.25	6.3	1,570	6.3	81,631	6.3
Management analysts	33.31	6.4	1,341	6.7	69,734	6.7
Accountants and auditors	29.92	3.8	1,203	3.9	62,550	3.9
Appraisers and assessors of real estate	24.40	27.5	968	27.8	50,331	27.8
Credit analysts	25.76	7.8	1,052	6.4	54,705	6.4
Financial analysts and advisors	34.52	7.6	1,377	7.5	71,615	7.5
Financial analysts	38.79	11.6	1,544	11.5	80,281	11.5
Loan counselors and officers	32.68	12.1	1,307	12.1	67,965	12.1
Loan officers	32.68	12.1	1,307	12.1	67,965	12.1
Computer and mathematical science occupations						
Computer programmers	35.82	3.5	1,435	3.6	74,334	3.6
Computer software engineers	36.01	9.4	1,442	9.4	74,993	9.4
Computer software engineers, applications	44.85	3.3	1,794	3.5	93,269	3.5
Computer software engineers, systems software	43.07	5.7	1,728	6.4	89,861	6.4
software	46.80	4.8	1,865	4.9	96,967	4.9
Computer support specialists	25.23	7.4	1,007	7.4	52,170	7.4
Computer systems analysts	41.40	5.0	1,661	5.1	86,349	5.1
Database administrators	36.64	13.6	1,465	13.6	76,204	13.6
Network and computer systems administrators	27.83	4.8	1,115	5.0	57,533	5.0
Network systems and data communications analysts	32.90	8.9	1,331	8.7	68,953	8.7
Architecture and engineering occupations						
Architects, except naval	37.19	5.9	1,497	5.9	77,851	5.9
Architects, except naval	26.38	10.1	1,107	11.3	57,549	11.3
Engineers	45.98	4.7	1,856	4.8	96,506	4.8
Aerospace engineers	41.30	7.8	1,652	7.8	85,895	7.8
Chemical engineers	59.44	12.8	2,378	12.8	123,632	12.8
Civil engineers	39.30	10.1	1,662	8.6	86,432	8.6

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						
Computer hardware engineers	\$44.87	4.6%	\$1,830	5.4%	\$95,174	5.4%
Electrical and electronics engineers	42.30	7.3	1,712	6.9	89,001	6.9
Electrical engineers	44.31	12.8	1,817	11.9	94,505	11.9
Electronics engineers, except computer	40.61	6.0	1,625	6.0	84,476	6.0
Environmental engineers	36.29	16.8	1,452	16.8	75,481	16.8
Industrial engineers, including health and safety	40.74	4.3	1,627	4.3	84,592	4.3
Health and safety engineers, except mining safety engineers and inspectors	41.29	6.5	1,639	6.1	85,203	6.1
Industrial engineers	40.59	5.3	1,624	5.3	84,428	5.3
Mechanical engineers	40.94	10.6	1,638	10.6	85,162	10.6
Petroleum engineers	56.05	12.3	2,265	12.6	117,792	12.6
Drafters	27.04	5.4	1,078	5.5	56,071	5.5
Architectural and civil drafters	31.33	14.7	1,253	14.7	65,162	14.7
Mechanical drafters	19.61	9.8	777	10.0	40,392	10.0
Engineering technicians, except drafters	22.85	12.6	910	12.6	47,320	12.6
Electrical and electronic engineering technicians	24.99	5.8	1,000	5.8	51,989	5.8
Mechanical engineering technicians	27.02	6.5	1,081	6.5	56,194	6.5
Life, physical, and social science occupations	31.86	6.8	1,271	6.8	64,795	6.8
Life scientists	30.94	9.5	1,244	9.5	64,705	9.5
Biological scientists	31.52	10.6	1,265	10.6	65,799	10.6
Medical scientists	30.17	15.9	1,207	15.9	62,755	15.9
Physical scientists	46.76	13.1	1,870	13.1	94,332	13.1
Environmental scientists and geoscientists	52.29	15.1	2,091	15.1	108,758	15.1
Environmental scientists and specialists, including health	45.80	20.2	1,832	20.2	95,264	20.2
Market and survey researchers	39.70	23.2	1,588	23.2	82,577	23.2
Market research analysts	39.70	23.2	1,588	23.2	82,577	23.2
Psychologists	34.73	5.6	1,357	6.6	59,651	6.6
Clinical, counseling, and school psychologists	38.87	4.7	1,540	4.2	64,315	4.2
Chemical technicians	25.01	8.7	1,001	8.7	52,028	8.7
Miscellaneous life, physical, and social science technicians	17.52	9.7	691	10.8	35,930	10.8
Environmental science and protection technicians, including health	15.05	11.0	602	11.0	31,301	11.0
Community and social services occupations	19.36	5.5	773	5.5	38,694	5.5
Counselors	22.63	16.0	901	15.8	42,638	15.8

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
Community and social services occupations						
–Continued						
Educational, vocational, and school						
counselors	\$30.23	4.7%	\$1,190	4.3%	\$51,722	4.3%
Social workers	18.87	3.2	757	3.5	39,231	3.5
Child, family, and school social workers ..	18.11	5.2	728	5.3	37,618	5.3
Medical and public health social workers	19.21	3.3	768	3.3	39,954	3.3
Mental health and substance abuse social						
workers	19.90	12.1	796	12.1	41,398	12.1
Miscellaneous community and social service						
specialists	14.37	7.1	573	7.3	29,777	7.3
Probation officers and correctional						
treatment specialists	20.43	3.5	817	3.5	42,485	3.5
Social and human service assistants	12.42	7.2	494	7.3	25,683	7.3
Legal occupations	30.27	25.5	1,246	26.7	64,809	26.7
Lawyers	51.21	9.7	2,179	9.7	113,293	9.7
Miscellaneous legal support workers	21.78	10.9	899	11.1	46,734	11.1
Education, training, and library occupations	29.85	2.1	1,160	2.0	44,797	2.0
Postsecondary teachers	45.27	5.7	1,784	5.6	76,003	5.6
Business teachers, postsecondary	36.00	26.3	1,380	28.0	55,448	28.0
Math and computer teachers,						
postsecondary	25.69	9.9	998	5.7	47,244	5.7
Life sciences teachers, postsecondary	42.09	16.7	1,684	16.7	74,968	16.7
Biological science teachers,						
postsecondary	42.09	16.7	1,684	16.7	74,968	16.7
Physical sciences teachers, postsecondary	57.82	16.0	2,268	17.8	81,498	17.8
Social sciences teachers, postsecondary	52.64	10.9	2,093	11.1	80,894	11.1
Health teachers, postsecondary	54.78	14.0	2,149	14.3	101,241	14.3
Health specialties teachers,						
postsecondary	62.53	13.9	2,478	13.8	117,448	13.8
Nursing instructors and teachers,						
postsecondary	32.69	13.5	1,247	15.1	57,779	15.1
Arts, communications, and humanities						
teachers, postsecondary	32.51	10.0	1,266	9.7	50,187	9.7
Art, drama, and music teachers,						
postsecondary	37.25	9.3	1,469	9.6	60,281	9.6
Miscellaneous postsecondary teachers	43.43	9.1	1,728	9.1	73,107	9.1
Primary, secondary, and special education						
school teachers	31.85	.9	1,232	1.0	45,806	1.0
Preschool and kindergarten teachers	26.15	7.4	1,005	7.2	40,583	7.2
Preschool teachers, except special						
education	20.92	10.0	806	9.2	34,629	9.2

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
Education, training, and library occupations						
–Continued						
Kindergarten teachers, except special education	\$33.50	2.9%	\$1,282	3.0%	\$47,790	3.0%
Elementary and middle school teachers	32.07	.5	1,242	.6	45,649	.6
Elementary school teachers, except special education	32.26	1.0	1,250	1.0	45,745	1.0
Middle school teachers, except special and vocational education	31.46	2.3	1,217	2.6	45,280	2.6
Secondary school teachers	32.85	1.3	1,270	1.5	46,777	1.5
Secondary school teachers, except special and vocational education	32.74	1.4	1,265	1.6	46,461	1.6
Vocational education teachers, secondary school	34.40	2.9	1,337	2.4	51,193	2.4
Special education teachers	32.45	3.7	1,259	3.5	47,877	3.5
Special education teachers, preschool, kindergarten, and elementary school	31.13	6.0	1,217	6.0	46,929	6.0
Special education teachers, middle school	34.54	3.8	1,323	1.9	49,327	1.9
Special education teachers, secondary school	33.93	5.2	1,308	5.3	48,850	5.3
Other teachers and instructors	27.18	9.5	1,009	10.0	38,444	10.0
Adult literacy, remedial education, and GED teachers and instructors	26.34	17.8	991	14.9	40,866	14.9
Librarians	29.56	5.7	1,158	5.0	49,414	5.0
Library technicians	13.61	5.4	540	5.5	25,428	5.5
Instructional coordinators	33.67	5.5	1,244	6.9	52,797	6.9
Teacher assistants	12.24	2.1	473	1.8	18,377	1.8
Arts, design, entertainment, sports, and media occupations	25.26	4.0	1,012	4.1	52,278	4.1
Artists and related workers	35.01	15.2	1,433	14.7	74,532	14.7
Art directors	35.02	16.5	1,436	16.1	74,654	16.1
Designers	22.91	8.8	920	8.7	47,836	8.7
Graphic designers	24.49	13.1	979	13.1	50,900	13.1
Athletes, coaches, umpires, and related workers	30.04	20.2	1,197	20.5	59,597	20.5
Coaches and scouts	30.04	20.2	1,197	20.5	59,597	20.5
Public relations specialists	21.18	13.8	846	13.7	44,006	13.7
Writers and editors	27.54	3.5	1,097	4.0	57,059	4.0
Editors	25.54	10.5	1,018	10.5	52,930	10.5
Miscellaneous media and communication workers	17.40	9.2	692	9.0	35,513	9.0

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
Healthcare practitioner and technical occupations	\$27.07	2.2%	\$1,064	2.2%	\$54,928	2.2%
Pharmacists	55.56	1.8	2,249	1.5	116,956	1.5
Physicians and surgeons	59.38	12.4	2,375	12.4	123,513	12.4
Registered nurses	31.19	2.2	1,218	2.3	62,907	2.3
Therapists	35.71	3.7	1,406	3.8	68,966	3.8
Occupational therapists	35.60	4.1	1,378	3.0	68,891	3.0
Physical therapists	41.52	5.9	1,652	6.0	85,537	6.0
Respiratory therapists	25.78	2.4	1,018	3.2	52,941	3.2
Speech-language pathologists	34.59	4.4	1,331	5.0	51,949	5.0
Clinical laboratory technologists and technicians	19.55	5.1	775	5.0	40,296	5.0
Medical and clinical laboratory technologists	24.75	3.2	975	3.3	50,722	3.3
Medical and clinical laboratory technicians	15.07	7.6	600	7.7	31,209	7.7
Diagnostic related technologists and technicians	25.66	7.0	1,025	7.0	53,308	7.0
Cardiovascular technologists and technicians	20.17	12.1	807	12.1	41,951	12.1
Radiologic technologists and technicians ..	24.54	4.4	980	4.4	50,957	4.4
Emergency medical technicians and paramedics	13.44	8.8	534	7.9	27,765	7.9
Health diagnosing and treating practitioner support technicians	16.71	3.8	659	3.8	34,272	3.8
Pharmacy technicians	14.91	5.2	593	5.2	30,821	5.2
Surgical technologists	19.76	5.1	779	5.1	40,491	5.1
Licensed practical and licensed vocational nurses	18.57	2.2	723	2.6	37,314	2.6
Medical records and health information technicians	16.59	12.2	660	12.3	34,320	12.3
Miscellaneous health technologists and technicians	13.74	9.8	549	9.8	28,533	9.8
Occupational health and safety specialists and technicians	24.52	17.7	981	17.7	50,995	17.7
Occupational health and safety specialists	25.01	18.6	1,001	18.6	52,028	18.6
Healthcare support occupations	11.62	2.3	444	3.0	23,039	3.0
Nursing, psychiatric, and home health aides	10.10	2.5	384	4.1	19,915	4.1
Home health aides	9.04	8.3	313	15.4	16,258	15.4
Nursing aides, orderlies, and attendants	10.40	2.2	405	2.4	21,027	2.4
Psychiatric aides	10.09	4.2	390	5.9	20,287	5.9
Physical therapist assistants and aides	13.82	13.1	549	13.6	28,562	13.6
Physical therapist aides	10.99	5.0	435	5.9	22,643	5.9

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 support occupations —Continued						
Miscellaneous healthcare support occupations	\$14.26	3.8%	\$548	3.3%	\$28,511	3.3%
Dental assistants	18.29	5.2	632	6.5	32,845	6.5
Medical assistants	13.10	3.5	521	3.8	27,098	3.8
Medical equipment preparers	14.39	4.2	575	4.2	29,925	4.2
Protective service occupations	17.82	4.7	740	5.1	38,039	5.1
First-line supervisors/managers, law enforcement workers	27.18	9.0	1,089	9.0	56,648	9.0
First-line supervisors/managers of correctional officers	19.35	11.7	774	11.7	40,246	11.7
First-line supervisors/managers of police and detectives	30.69	7.5	1,231	7.4	64,024	7.4
First-line supervisors/managers of fire fighting and prevention workers	26.74	7.0	1,253	10.7	65,164	10.7
Fire fighters	19.79	5.0	1,021	5.3	53,077	5.3
Bailiffs, correctional officers, and jailers	14.40	8.1	579	8.0	30,131	8.0
Correctional officers and jailers	14.33	7.8	577	7.8	29,984	7.8
Detectives and criminal investigators	23.21	5.7	932	5.6	48,478	5.6
Police officers	22.91	4.1	923	4.1	47,731	4.1
Police and sheriff's patrol officers	22.91	4.1	923	4.1	47,731	4.1
Security guards and gaming surveillance officers	11.53	3.1	455	3.6	23,497	3.6
Security guards	11.48	3.4	453	3.9	23,389	3.9
Miscellaneous protective service workers	11.35	9.8	431	10.4	14,652	10.4
Food preparation and serving related occupations						
First-line supervisors/managers, food preparation and serving workers	14.85	6.1	620	7.6	30,994	7.6
First-line supervisors/managers of food preparation and serving workers	15.24	5.3	639	7.1	31,836	7.1
Cooks	10.23	2.0	387	2.2	19,369	2.2
Cooks, fast food	8.92	4.6	321	8.4	16,698	8.4
Cooks, institution and cafeteria	10.60	2.8	403	3.4	18,267	3.4
Cooks, restaurant	10.61	3.0	403	2.6	20,976	2.6
Cooks, short order	8.80	5.9	349	5.8	18,163	5.8
Food preparation workers	8.70	3.7	331	4.3	16,573	4.3
Food service, tipped	4.22	9.1	153	9.4	7,927	9.4
Bartenders	4.49	19.3	157	19.4	7,965	19.4
Waiters and waitresses	3.29	9.2	119	9.1	6,190	9.1
Dining room and cafeteria attendants and bartender helpers	7.97	7.8	304	8.8	15,616	8.8

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
Food preparation and serving related occupations –Continued						
Fast food and counter workers	\$9.20	1.6%	\$342	1.9%	\$16,754	1.9%
Combined food preparation and serving workers, including fast food	9.21	1.9	341	2.2	16,560	2.2
Counter attendants, cafeteria, food concession, and coffee shop	9.14	4.0	347	3.8	17,802	3.8
Food servers, nonrestaurant	7.92	7.6	312	7.8	16,243	7.8
Dishwashers	7.97	2.9	311	3.3	16,155	3.3
Hosts and hostesses, restaurant, lounge, and coffee shop	8.37	10.9	310	12.6	16,110	12.6
Building and grounds cleaning and maintenance occupations						
First-line supervisors/managers, building and grounds cleaning and maintenance workers	10.62	2.5	417	2.4	21,467	2.4
First-line supervisors/managers of housekeeping and janitorial workers ...	16.37	5.6	649	5.5	33,744	5.5
First-line supervisors/managers of landscaping, lawn service, and groundskeeping workers	16.08	6.5	632	6.4	32,878	6.4
Building cleaning workers	17.21	9.9	698	10.2	36,290	10.2
Janitors and cleaners, except maids and housekeeping cleaners	9.79	1.7	384	1.5	19,663	1.5
Maids and housekeeping cleaners	10.07	1.9	397	1.7	20,377	1.7
Grounds maintenance workers	8.89	3.3	343	3.1	17,455	3.1
Landscaping and groundskeeping workers	10.12	4.8	399	4.6	20,689	4.6
Personal care and service occupations	10.04	5.2	396	4.9	20,552	4.9
First-line supervisors/managers of personal service workers	12.52	6.0	463	5.5	23,920	5.5
Nonfarm animal caretakers	14.56	8.0	575	7.9	29,920	7.9
Gaming services workers	10.61	13.3	425	13.3	22,074	13.3
Miscellaneous entertainment attendants and related workers	7.86	3.0	282	2.3	14,653	2.3
Amusement and recreation attendants	9.64	10.8	379	11.5	19,706	11.5
Barbers and cosmetologists	9.50	11.9	373	12.7	19,401	12.7
Hairdressers, hairstylists, and cosmetologists	14.48	25.5	546	26.8	28,373	26.8
Baggage porters, bellhops, and concierges	15.41	28.9	—	—	—	—
Baggage porters and bellhops	8.01	13.7	298	14.2	15,483	14.2
Transportation attendants	6.96	5.7	256	9.7	13,311	9.7
Child care workers	40.40	6.4	803	3.7	41,235	3.7
	9.47	4.6	374	4.6	19,121	4.6

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						
Personal and home care aides	\$9.45	9.9%	\$366	10.5%	\$19,057	10.5%
Recreation and fitness workers	13.80	9.7	510	8.0	26,502	8.0
Recreation workers	12.90	8.1	495	8.7	25,759	8.7
Sales and related occupations						
First-line supervisors/managers, sales workers	19.64	4.6	786	4.8	40,794	4.8
First-line supervisors/managers of retail sales workers	21.41	8.4	885	8.5	46,017	8.5
First-line supervisors/managers of non-retail sales workers	18.05	4.0	740	4.1	38,501	4.1
Retail sales workers	34.62	29.5	1,475	28.7	76,691	28.7
Cashiers, all workers	11.76	3.7	464	4.1	24,028	4.1
Cashiers	9.92	2.5	384	2.9	19,780	2.9
Counter and rental clerks and parts salespersons	9.93	2.5	386	2.7	19,857	2.7
Counter and rental clerks	12.87	9.7	510	10.7	26,529	10.7
Parts salespersons	10.48	13.8	404	15.4	21,029	15.4
Retail salespersons	14.52	9.7	587	10.2	30,522	10.2
Advertising sales agents	12.77	5.9	510	6.9	26,502	6.9
Insurance sales agents	23.13	12.5	934	13.2	48,563	13.2
Securities, commodities, and financial services sales agents	24.62	17.8	967	18.1	50,264	18.1
Sales representatives, wholesale and manufacturing	63.32	23.6	2,597	24.8	135,069	24.8
Sales representatives, wholesale and manufacturing, technical and scientific products	30.26	8.9	1,218	8.6	63,357	8.6
Sales representatives, wholesale and manufacturing, except technical and scientific products	39.86	6.5	1,609	6.4	83,685	6.4
Real estate brokers and sales agents	25.89	12.0	1,041	11.4	54,138	11.4
Real estate sales agents	27.19	23.1	1,088	23.1	56,558	23.1
Miscellaneous sales and related workers	27.19	23.1	1,088	23.1	56,558	23.1
Miscellaneous sales and related workers	16.40	15.7	656	15.7	34,118	15.7
Office and administrative support occupations						
First-line supervisors/managers of office and administrative support workers	15.22	1.0	605	1.0	31,242	1.0
Switchboard operators, including answering service	22.67	4.7	903	4.9	46,976	4.9
Financial clerks	10.19	5.5	400	6.1	20,775	6.1
Financial clerks	15.13	2.9	601	2.9	31,252	2.9

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						
Bill and account collectors	\$14.37	7.9%	\$574	7.9%	\$29,854	7.9%
Billing and posting clerks and machine operators	14.75	6.0	585	6.1	30,435	6.1
Bookkeeping, accounting, and auditing clerks	16.30	3.2	646	3.3	33,515	3.3
Payroll and timekeeping clerks	17.47	3.8	695	3.9	36,114	3.9
Procurement clerks	17.92	7.5	717	7.5	37,283	7.5
Tellers	12.29	4.8	491	4.8	25,518	4.8
Brokerage clerks	16.58	7.2	662	7.0	34,414	7.0
Court, municipal, and license clerks	14.09	7.8	551	7.9	28,639	7.9
Credit authorizers, checkers, and clerks	14.58	9.6	583	9.6	30,332	9.6
Customer service representatives	14.83	2.5	591	2.5	30,684	2.5
Eligibility interviewers, government programs	14.73	11.2	564	11.5	27,518	11.5
File clerks	12.87	9.6	515	9.6	26,768	9.6
Hotel, motel, and resort desk clerks	8.82	4.1	345	4.0	17,935	4.0
Interviewers, except eligibility and loan	13.12	6.2	525	6.2	27,296	6.2
Library assistants, clerical	12.51	6.9	481	6.9	23,887	6.9
Loan interviewers and clerks	16.94	4.9	697	4.5	36,220	4.5
New accounts clerks	12.60	5.5	504	5.5	26,202	5.5
Order clerks	12.51	10.4	501	10.4	26,029	10.4
Human resources assistants, except payroll and timekeeping	18.04	6.3	719	6.5	37,339	6.5
Receptionists and information clerks	12.32	2.9	486	3.0	25,247	3.0
Reservation and transportation ticket agents and travel clerks	16.57	8.7	663	8.7	34,468	8.7
Cargo and freight agents	18.03	17.2	738	16.8	38,383	16.8
Couriers and messengers	11.02	8.0	435	7.3	22,627	7.3
Dispatchers	16.77	4.3	674	4.2	35,047	4.2
Police, fire, and ambulance dispatchers	15.58	5.4	631	6.0	32,817	6.0
Dispatchers, except police, fire, and ambulance	17.21	4.7	690	4.5	35,866	4.5
Meter readers, utilities	12.19	13.8	488	13.8	25,362	13.8
Production, planning, and expediting clerks	18.01	5.9	720	5.9	37,457	5.9
Shipping, receiving, and traffic clerks	12.65	2.4	503	2.4	26,148	2.4
Stock clerks and order fillers	11.65	2.3	462	2.4	24,003	2.4
Secretaries and administrative assistants	17.72	1.7	700	1.8	35,737	1.8
Executive secretaries and administrative assistants	20.56	2.8	816	2.8	42,141	2.8
Legal secretaries	18.90	10.4	741	10.3	38,540	10.3
Medical secretaries	14.65	7.3	581	7.7	30,204	7.7

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
Office and administrative support occupations –Continued						
Secretaries, except legal, medical, and executive	\$15.48	2.0%	\$607	2.0%	\$30,165	2.0%
Computer operators	17.10	5.2	681	5.0	35,414	5.0
Data entry and information processing workers	12.62	3.7	504	3.7	26,148	3.7
Data entry keyers	12.58	3.7	503	3.7	26,075	3.7
Insurance claims and policy processing clerks	16.75	11.5	659	11.1	34,273	11.1
Mail clerks and mail machine operators, except postal service	13.46	6.9	529	6.5	27,490	6.5
Office clerks, general	13.51	2.8	535	2.9	27,345	2.9
Construction and extraction occupations	17.31	4.3	702	4.6	36,163	4.6
First-line supervisors/managers of construction trades and extraction workers	26.62	8.1	1,097	9.4	57,022	9.4
Carpenters	15.87	3.4	635	3.4	32,872	3.4
Carpet, floor, and tile installers and finishers	17.34	9.0	661	10.2	34,372	10.2
Cement masons, concrete finishers, and terrazzo workers	16.48	5.4	659	5.4	33,689	5.4
Cement masons and concrete finishers	16.48	5.4	659	5.4	33,689	5.4
Construction laborers	11.94	3.3	477	3.3	24,737	3.3
Construction equipment operators	16.13	5.8	645	5.8	33,552	5.8
Operating engineers and other construction equipment operators	16.68	5.5	667	5.5	34,687	5.5
Electricians	19.07	4.2	763	4.2	39,672	4.2
Glaziers	12.36	18.5	494	18.5	25,710	18.5
Painters and paperhangers	14.97	7.0	597	6.9	31,053	6.9
Painters, construction and maintenance	14.97	7.0	597	6.9	31,053	6.9
Pipelayers, plumbers, pipefitters, and steamfitters	18.80	6.1	752	6.1	39,110	6.1
Pipelayers	15.06	12.5	602	12.5	31,316	12.5
Plumbers, pipefitters, and steamfitters	19.24	6.5	770	6.5	40,015	6.5
Reinforcing iron and rebar workers	15.71	10.5	628	10.5	31,731	10.5
Roofers	15.40	8.7	616	8.7	31,857	8.7
Sheet metal workers	17.70	7.2	708	7.2	36,807	7.2
Helpers, construction trades	11.39	3.0	455	3.0	23,603	3.0
Helpers--carpenters	11.38	7.5	455	7.5	23,678	7.5
Helpers--electricians	13.24	11.2	530	11.2	27,540	11.2
Helpers--pipelayers, plumbers, pipefitters, and steamfitters	12.42	4.9	497	4.9	25,828	4.9
Construction and building inspectors	27.56	20.5	1,103	20.5	57,330	20.5

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
Construction and extraction occupations						
–Continued						
Hazardous materials removal workers	\$13.30	11.8%	\$518	12.2%	\$26,225	12.2%
Highway maintenance workers	16.00	21.1	640	21.1	33,275	21.1
Miscellaneous construction and related workers	13.57	6.2	543	6.2	28,231	6.2
Derrick, rotary drill, and service unit operators, oil, gas, and mining	23.02	12.1	982	14.0	47,120	14.0
Service unit operators, oil, gas, and mining	20.92	14.0	834	14.1	43,388	14.1
Roustabouts, oil and gas	21.27	6.2	967	16.4	42,633	16.4
Installation, maintenance, and repair occupations	19.45	2.1	781	2.3	40,509	2.3
First-line supervisors/managers of mechanics, installers, and repairers	26.08	4.3	1,076	5.0	55,225	5.0
Computer, automated teller, and office machine repairers	16.01	10.7	640	10.7	33,303	10.7
Radio and telecommunications equipment installers and repairers	23.09	11.2	924	11.2	48,030	11.2
Telecommunications equipment installers and repairers, except line installers	23.20	11.6	928	11.6	48,260	11.6
Miscellaneous electrical and electronic equipment mechanics, installers, and repairers	20.51	8.7	825	8.9	42,922	8.9
Electrical and electronics repairers, commercial and industrial equipment	25.36	25.5	1,014	25.5	52,750	25.5
Electrical and electronics repairers, powerhouse, substation, and relay	26.67	7.7	1,067	7.7	55,473	7.7
Security and fire alarm systems installers	15.66	8.9	622	9.2	32,331	9.2
Automotive technicians and repairers	17.65	5.1	714	5.5	37,103	5.5
Automotive body and related repairers	18.50	28.8	–	–	–	–
Automotive service technicians and mechanics	17.48	5.2	703	5.3	36,534	5.3
Bus and truck mechanics and diesel engine specialists	17.29	3.8	692	3.8	35,959	3.8
Heavy vehicle and mobile equipment service technicians and mechanics	19.06	6.4	761	6.3	39,589	6.3
Mobile heavy equipment mechanics, except engines	18.87	7.1	754	7.1	39,189	7.1
Rail car repairers	21.88	12.8	875	12.8	45,518	12.8
Small engine mechanics	17.67	9.4	703	9.0	36,579	9.0
Miscellaneous vehicle and mobile equipment mechanic, installers, and repairers	11.48	8.5	459	8.5	23,886	8.5

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
Installation, maintenance, and repair occupations –Continued						
Tire repairers and changers	\$11.51	9.7%	\$460	9.7%	\$23,940	9.7%
Control and valve installers and repairers, except mechanical door	16.71	11.7	668	11.7	34,760	11.7
Heating, air conditioning, and refrigeration mechanics and installers	17.82	7.9	713	7.9	37,023	7.9
Industrial machinery installation, repair, and maintenance workers	18.11	4.9	727	5.0	37,529	5.0
Industrial machinery mechanics	23.50	4.3	939	4.3	48,826	4.3
Maintenance and repair workers, general ..	15.09	4.0	603	4.0	31,267	4.0
Maintenance workers, machinery	16.05	5.3	669	9.0	32,930	9.0
Line installers and repairers	24.85	12.1	994	12.1	51,679	12.1
Electrical power-line installers and repairers	28.04	4.6	1,121	4.6	58,317	4.6
Telecommunications line installers and repairers	23.67	15.7	947	15.7	49,239	15.7
Miscellaneous installation, maintenance, and repair workers	16.56	6.1	660	6.0	34,324	6.0
Helpers--installation, maintenance, and repair workers	12.40	6.1	493	5.8	25,642	5.8
Production occupations	15.15	3.1	602	3.2	31,206	3.2
First-line supervisors/managers of production and operating workers	26.17	8.7	1,038	8.9	53,342	8.9
Aircraft structure, surfaces, rigging, and systems assemblers	23.20	10.0	928	10.0	48,250	10.0
Electrical, electronics, and electromechanical assemblers	11.50	5.5	460	5.5	23,920	5.5
Electrical and electronic equipment assemblers	11.85	6.8	474	6.8	24,652	6.8
Engine and other machine assemblers	13.66	12.6	546	12.6	28,406	12.6
Structural metal fabricators and fitters	14.25	24.2	570	24.2	29,645	24.2
Miscellaneous assemblers and fabricators	12.68	6.8	499	7.0	25,901	7.0
Team assemblers	15.03	16.3	601	16.3	31,270	16.3
Bakers	15.80	9.4	599	11.7	31,164	11.7
Butchers and other meat, poultry, and fish processing workers	12.52	6.4	499	6.4	25,934	6.4
Butchers and meat cutters	14.43	6.8	570	7.2	29,619	7.2
Slaughterers and meat packers	12.86	4.0	514	4.0	26,746	4.0
Miscellaneous food processing workers	14.15	12.3	561	12.5	29,176	12.5
Computer control programmers and operators	15.34	8.1	598	9.3	31,120	9.3

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
Production occupations –Continued						
Computer-controlled machine tool operators, metal and plastic	\$14.93	7.4%	\$582	8.6%	\$30,273	8.6%
Forming machine setters, operators, and tenders, metal and plastic	13.07	11.1	523	11.1	27,184	11.1
Machine tool cutting setters, operators, and tenders, metal and plastic	13.29	8.1	527	8.6	27,427	8.6
Cutting, punching, and press machine setters, operators, and tenders, metal and plastic	11.76	6.7	470	6.7	24,460	6.7
Lathe and turning machine tool setters, operators, and tenders, metal and plastic	16.91	20.0	676	20.0	35,169	20.0
Machinists	19.65	4.7	789	4.6	41,013	4.6
Molders and molding machine setters, operators, and tenders, metal and plastic	10.04	11.2	399	11.2	20,726	11.2
Molding, coremaking, and casting machine setters, operators, and tenders, metal and plastic	10.00	15.6	396	15.9	20,577	15.9
Multiple machine tool setters, operators, and tenders, metal and plastic	12.35	4.9	492	4.6	25,595	4.6
Welding, soldering, and brazing workers	16.71	3.9	668	3.9	34,748	3.9
Welders, cutters, solderers, and brazers	16.79	4.5	672	4.5	34,919	4.5
Welding, soldering, and brazing machine setters, operators, and tenders	15.71	8.5	629	8.5	32,687	8.5
Miscellaneous metalworkers and plastic workers	12.87	7.5	515	7.5	26,773	7.5
Lay-out workers, metal and plastic	14.67	3.7	587	3.7	30,515	3.7
Printers	19.22	6.3	768	6.3	39,949	6.3
Prepress technicians and workers	21.43	9.2	857	9.2	44,583	9.2
Printing machine operators	17.99	6.1	718	6.1	37,360	6.1
Laundry and dry-cleaning workers	10.39	7.7	407	8.0	21,147	8.0
Pressers, textile, garment, and related materials	8.64	4.9	332	7.1	17,278	7.1
Sewing machine operators	9.19	8.4	365	8.2	18,951	8.2
Miscellaneous textile, apparel, and furnishings workers	9.95	17.1	383	17.0	19,898	17.0
Woodworking machine setters, operators, and tenders	11.81	13.5	472	13.5	24,560	13.5
Power plant operators, distributors, and dispatchers	27.02	5.7	1,081	5.7	56,212	5.7
Water and liquid waste treatment plant and system operators	17.44	11.8	697	11.8	36,266	11.8
Miscellaneous plant and system operators	29.48	9.7	1,177	9.7	57,416	9.7

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						
Chemical plant and system operators	\$31.74	2.5%	\$1,238	3.5%	\$64,398	3.5%
Petroleum pump system operators, refinery operators, and gaugers	31.01	7.1	1,242	7.1	57,549	7.1
Chemical processing machine setters, operators, and tenders	21.89	9.4	876	9.4	45,538	9.4
Chemical equipment operators and tenders	25.03	9.6	1,001	9.6	52,056	9.6
Crushing, grinding, polishing, mixing, and blending workers	14.72	12.2	589	12.2	30,613	12.2
Grinding and polishing workers, hand	9.92	8.9	397	8.9	20,626	8.9
Mixing and blending machine setters, operators, and tenders	16.39	17.4	656	17.4	34,093	17.4
Inspectors, testers, sorters, samplers, and weighers	17.39	6.6	694	6.6	36,067	6.6
Packaging and filling machine operators and tenders	11.20	11.1	446	10.5	23,178	10.5
Painting workers	14.82	8.2	593	8.2	30,828	8.2
Coating, painting, and spraying machine setters, operators, and tenders	13.94	7.0	558	7.0	29,002	7.0
Painters, transportation equipment	17.36	16.5	694	16.5	36,113	16.5
Miscellaneous production workers	12.66	6.6	504	6.6	26,216	6.6
Helpers--production workers	11.35	6.0	451	6.2	23,454	6.2
Transportation and material moving occupations						
First-line supervisors/managers of helpers, laborers, and material movers, hand	15.24	4.1	611	4.0	31,335	4.0
First-line supervisors/managers of transportation and material-moving machine and vehicle operators	20.91	6.7	851	6.1	44,230	6.1
Bus drivers	24.79	12.7	1,042	13.3	54,195	13.3
Bus drivers, transit and intercity	15.08	6.7	529	6.2	22,392	6.2
Bus drivers, school	15.07	13.2	603	13.2	31,356	13.2
Bus drivers, school	15.09	6.2	469	7.8	17,244	7.8
Driver/sales workers and truck drivers	16.85	3.5	703	3.5	36,556	3.5
Driver/sales workers	15.78	10.8	633	10.9	32,895	10.9
Truck drivers, heavy and tractor-trailer	17.50	5.2	747	5.3	38,827	5.3
Truck drivers, light or delivery services	15.47	6.5	618	6.5	32,161	6.5
Taxi drivers and chauffeurs	11.47	9.5	470	9.4	24,465	9.4
Crane and tower operators	19.75	11.5	790	11.5	39,478	11.5
Industrial truck and tractor operators	12.45	6.0	498	6.0	25,878	6.0
Laborers and material movers, hand	11.39	2.4	449	2.5	22,923	2.5
Cleaners of vehicles and equipment	11.67	5.2	467	5.2	24,270	5.2
Laborers and freight, stock, and material movers, hand	11.49	2.7	452	3.0	22,878	3.0

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
Transportation and material moving occupations –Continued						
Machine feeders and offbearers	\$12.13	11.4%	\$482	11.7%	\$25,088	11.7%
Packers and packagers, hand	10.29	7.1	401	7.9	20,873	7.9
Refuse and recyclable material collectors	11.63	12.3	465	12.3	24,195	12.3

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 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.

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, weighted 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 chapter 8 of the BLS Handbook of Methods, at http://www.bls.gov/pub/hom/homch8_a.htm.

⁵ Mean weekly earnings are based on the straight-time weekly wages or salaries paid to employees, exclusive of overtime.

⁶ Mean annual earnings are based on 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.