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

	Hourly ea	rnings ³	Weekly ea	rnings ⁵	Annual earnings ⁶	
Occupation ²	Mean	Relative error ⁴	Mean	Relative error ⁴	Mean	Relative error ⁴
All workers	\$25.67	1.0%	\$1,016	1.0%	\$51,851	1.0%
Management occupations	46.57	2.5	1,877	2.4	96,904	2.4
Chief executives	106.20	15.7	4,294	16.7	222,483	16.7
General and operations managers	49.33	4.3	2,000	4.5	103,933	4.5
Advertising and promotions managers	33.13	8.0	1,391	10.2	72,331	10.2
Marketing and sales managers	50.54	6.1	2,032	6.3	105,678	6.3
Marketing managers	48.64	8.5	1,953	9.1	101,549	9.1
Sales managers	53.20	12.4	2,144	12.7	111,470	12.7
Public relations managers	42.65	14.6	1,672	14.2	86,964	14.2
Administrative services managers	38.45	4.4	1,543	4.3	80,147	4.3
Computer and information systems	7 6 40	2.1	2 270	2.0	100 0 10	2.0
managers	56.49	3.1	2,370	3.9	123,248	3.9
Financial managers	48.76	5.6	1,968	5.5	102,119	5.5
Human resources managers	44.16	8.3	1,768	8.6	91,919	8.6
Industrial production managers	48.59	5.8	1,949	5.7	101,327	5.7
Purchasing managers Transportation, storage, and distribution	47.92	8.9	1,980	7.0	102,981	7.0
managers	38.26	6.9	1,530	6.9	79,583	6.9
Construction managers	45.65	4.5	1,852	4.3	96,292	4.3
Education administrators	43.15	6.8	1,721	6.8	81,380	6.8
Education administrators, preschool and						
child care center/program	20.47	8.1	817	8.0	39,545	8.0
Education administrators, elementary and	54.40	4.0	2 104	2.0	102 700	2.0
secondary school	54.40	4.2	2,184	3.9	102,780	3.9
Education administrators, postsecondary	37.19	5.9	1,484	6.0	76,670	6.0
Engineering managers	62.52	2.8	2,515	2.7	130,768	2.7
Food service managers	27.85	11.7	1,157	11.3	59,873	11.3
Lodging managers	20.33	16.3	821	16.5	42,700	16.5
Medical and health services managers	46.80	5.9	1,871	5.9	97,315	5.9
Property, real estate, and community	30.32	5 7	1 210	5.8	62.257	5.8
association managers Social and community service managers	31.25	5.7 6.2	1,218 1,242	6.3	63,357 64,581	6.3
Social and community service managers	31.23	0.2	1,242	0.5	04,561	0.5
Business and financial operations						
occupations	33.35	1.0	1,335	1.0	69,444	1.0
Buyers and purchasing agents	33.91	5.3	1,400	6.5	72,802	6.5
Wholesale and retail buyers, except farm					Í	
products	29.77	4.5	1,192	4.5	61,989	4.5
Purchasing agents, except wholesale,						
retail, and farm products	36.57	7.2	1,538	8.8	79,961	8.8
Claims adjusters, appraisers, examiners, and						
investigators	29.94	3.5	1,174	3.3	61,058	3.3
Claims adjusters, examiners, and						
investigators	30.12	3.4	1,180	3.2	61,369	3.2

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

	Hourly ea	rnings ³	Weekly ea	rnings ⁵	Annual earnings ⁶	
Occupation ²	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	#22 00	7.20/	φ1 2 04	0.10/	Φ.C.C. 7.40	0.10/
transportation	\$32.08	7.3%	\$1,284	8.1%	\$66,748	8.1%
Cost estimators	31.84	7.0	1,274	7.0	66,227	7.0
Human resources, training, and labor	33.87	5.2	1 250	5.2	70 605	5.2
relations specialists	33.67	3.2	1,358	5.2	70,605	3.2
Employment, recruitment, and placement specialists	27.36	12.5	1,094	12.5	56,907	12.5
Compensation, benefits, and job analysis	27.30	12.3	1,094	12.3	30,907	12.3
specialists	33.44	12.1	1,341	12.1	69,757	12.1
Training and development specialists	35.31	8.8	1,412	8.8	73,436	8.8
Logisticians	34.97	10.0	1,399	10.0	72,729	10.0
Management analysts	39.92	5.5	1,607	5.4	83,556	5.4
Meeting and convention planners	29.61	8.5	1,184	8.5	61,583	8.5
Accountants and auditors	31.44	4.3	1,134	5.4	64,422	5.4
Appraisers and assessors of real estate	27.39	4.5	1,096	4.5	56,980	4.5
Budget analysts	31.19	8.9	1,248	8.9	64,882	8.9
Credit analysts	35.96	14.2	1,438	14.2	74,796	14.2
Financial analysts and advisors	36.78	5.3	1,472	5.3	76,523	5.3
Financial analysts	38.61	4.9	1,547	4.9	80,419	4.9
Personal financial advisors	34.14	9.5	1,366	9.5	71,010	9.5
Insurance underwriters	28.88	10.1	1,148	9.9	59,698	9.9
Loan counselors and officers	28.23	12.4	1,126	12.2	58,571	12.2
Loan counselors	23.03	4.8	873	8.4	45,408	8.4
Loan officers	28.50	13.0	1,140	13.0	59,274	13.0
Tax examiners, collectors, preparers, and	20.00	10.0	1,1.0	10.0	65,27	10.0
revenue agents	23.23	6.2	923	6.1	48,005	6.1
Tax examiners, collectors, and revenue					,	
agents	25.38	9.5	1,006	9.2	52,327	9.2
Computer and mathematical science						
occupations	39.07	3.1	1,599	3.2	83,059	3.2
Computer programmers	36.06	2.3	1,474	3.2	76,652	3.2
Computer software engineers	47.19	2.1	1,971	1.8	102,498	1.8
Computer software engineers, applications	44.05	2.7	1,875	2.6	97,525	2.6
Computer software engineers, systems						
software	50.27	3.3	2,062	2.7	107,210	2.7
Computer support specialists	27.54	6.7	1,115	6.9	57,725	6.9
Computer systems analysts	39.55	2.5	1,603	2.5	83,364	2.5
Database administrators	45.89	10.6	1,835	10.9	95,428	10.9
Network and computer systems						
administrators	36.28	8.5	1,491	10.6	77,300	10.6

$Full-time {\small 1}\ civilian\ workers:\ Relative\ standard\ errors$ of mean hourly, weekly, and annual earnings — Continued

	Hourly ea	nrnings ³	Weekly ea	rnings ⁵	Annual earnings ⁶	
Occupation ²	Mean	Relative error ⁴	Mean	Relative error ⁴	Mean	Relative error ⁴
Computer and mathematical science occupations –Continued						
Network systems and data communications						
analysts	\$32.10	8.7%	\$1,276	8.7%	\$66,369	8.7%
Operations research analysts	40.25	20.2	1,610	20.2	83,716	20.2
Architecture and engineering occupations	41.68	3.5	1,679	3.5	87,182	3.5
Architects, except naval	31.79	8.3	1,265	8.6	65,794	8.6
Architects, except landscape and naval	32.20	8.8	1,281	9.1	66,618	9.1
Engineers	47.60	3.5	1,927	3.6	100,203	3.6
Aerospace engineers	54.89	2.7	2,196	2.7	114,180	2.7
Civil engineers	42.77	6.6	1,705	6.7	88,661	6.7
Computer hardware engineers	49.95	6.8	2,152	5.0	111,895	5.0
Electrical and electronics engineers	50.90	12.7	2,042	12.6	106,199	12.6
Electrical engineers	50.53	6.6	2,042	5.9	106,204	5.9
Electronics engineers, except computer	51.06	16.6	2,042	16.6	106,197	16.6
Environmental engineers	38.60	11.0	1,597	11.6	83,019	11.6
Industrial engineers, including health and						
safety	41.05	4.2	1,655	4.4	86,045	4.4
Industrial engineers	42.12	4.7	1,704	4.7	88,587	4.7
Mechanical engineers	44.01	6.8	1,795	8.2	93,361	8.2
Petroleum engineers	49.38	8.6	1,975	8.6	102,720	8.6
Drafters	28.85	8.1	1,154	8.1	60,004	8.1
Architectural and civil drafters	25.01	5.6	1,001	5.6	52,029	5.6
Mechanical drafters	27.84	20.8	1,113	20.8	57,901	20.8
Engineering technicians, except drafters	30.95	3.4	1,238	3.4	63,683	3.4
Aerospace engineering and operations						
technicians	33.20	3.1	1,328	3.1	69,057	3.1
Civil engineering technicians	28.14	8.6	1,125	8.6	58,521	8.6
Electrical and electronic engineering						
technicians	29.38	3.4	1,175	3.4	61,115	3.4
Surveying and mapping technicians	29.73	11.9	1,189	11.9	61,844	11.9
Life, physical, and social science occupations	33.13	3.4	1,339	3.8	68,969	3.8
Life scientists	34.10	8.2	1,366	8.3	70,350	8.3
Biological scientists	34.73	10.6	1,393	10.8	71,724	10.8
Biochemists and biophysicists	36.95	18.9	1,480	19.0	76,210	19.0
Conservation scientists and foresters	27.80	8.7	1,112	8.7	57,461	8.7
Conservation scientists	25.43	4.2	1,017	4.2	52,900	4.2
Medical scientists	39.62	26.4	1,585	26.4	82,409	26.4
Physical scientists	34.43	4.3	1,435	3.4	74,613	3.4
Chemists and materials scientists	33.80	7.3	1,361	7.1	70,775	7.1
Chemists	33.80	7.3	1,361	7.1	70,775	7.1
Environmental scientists and geoscientists	32.02	3.5	1,367	3.3	71,073	3.3
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Full-time¹ civilian workers: Relative standard errors of mean hourly, weekly, and annual earnings — Continued

	Hourly ea	rnings ³	Weekly ea	nrnings ⁵	Annual earnings ⁶	
Occupation ²	Mean	Relative error ⁴	Mean	Relative error ⁴	Mean	Relative error ⁴
Life, physical, and social science occupations -Continued						
Environmental scientists and						
specialists, including health Geoscientists, except hydrologists and	\$32.88	4.2%	\$1,330	4.8%	\$69,155	4.8%
geographers	30.58	4.9	1,372	7.5	71,336	7.5
Market and survey researchers	46.88	10.8	1,915	11.1	99,600	11.1
Market research analysts	46.88	10.8	1,915	11.1	99,600	11.1
Psychologists	37.66	7.3	1,506	7.3	71,207	7.3
psychologists	37.16	6.9	1,486	6.9	69,992	6.9
Urban and regional planners	41.49	5.5	1,660	5.5	86,304	5.5
Agricultural and food science technicians	19.25	8.8	765	8.4	39,802	8.4
Biological technicians	24.50	8.8	977	8.8	50,814	8.8
Miscellaneous life, physical, and social						
science technicians	26.54	11.7	1,062	11.7	55,213	11.7
Environmental science and protection	20.40	0.0	1.220	0.0	52.44 0	0.0
technicians, including health	30.49	8.0	1,220	8.0	63,419	8.0
Community and social services occupations	23.92	7.5	946	8.0	48,275	8.0
Counselors	25.72	9.4	1,003	10.1	49,955	10.1
Substance abuse and behavioral disorder counselors	29.07	10.1	1,121	12.8	58,278	12.8
Educational, vocational, and school	_,,	10.1	1,121	12.0	23,273	12.0
counselors	32.14	3.1	1,265	3.0	59,426	3.0
Mental health counselors	22.29	9.2	864	9.1	44,508	9.1
Social workers	26.75	8.1	1,070	8.2	55,401	8.2
Child, family, and school social workers	25.21	5.9	1,007	5.9	52,132	5.9
Medical and public health social workers	28.34	4.0	1,131	4.0	58,828	4.0
Mental health and substance abuse social						
workers	29.89	18.1	1,201	18.3	61,749	18.3
specialists	19.66	12.7	780	13.2	40,031	13.2
Health educators Probation officers and correctional	33.38	16.9	1,335	16.9	69,427	16.9
treatment specialists	31.36	7.2	1,256	7.1	64,605	7.1
Social and human service assistants	14.37	9.2	566	9.8	28,939	9.8
Legal occupations	44.63	4.7	1,789	4.5	93,041	4.5
Lawyers	59.74	5.4	2,411	4.9	125,371	4.9
Paralegals and legal assistants	29.44	7.7	1,170	7.7	60,826	7.7
Miscellaneous legal support workers	24.45	22.7	978	22.7	50,863	22.7
Title examiners, abstractors, and searchers	19.71	29.5	788	29.5	40,994	29.5
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$Full-time {\small 1}\ civilian\ workers:\ Relative\ standard\ errors$ of mean hourly, weekly, and annual earnings — Continued

	Hourly ea	rnings ³	Weekly earnings ⁵		Annual earnings ⁶	
Occupation ²	Mean	Relative error ⁴	Mean	Relative error ⁴	Mean	Relative error ⁴
Education, training, and library occupations	\$40.30	3.3%	\$1,509	3.2%	\$61,313	3.2%
Postsecondary teachers	50.61	5.6	1,983	5.5	87,308	5.5
Math and computer teachers,						
postsecondary	43.62	11.8	1,674	10.1	66,646	10.1
Social sciences teachers, postsecondary	55.73	16.4	2,194	16.7	90,799	16.7
Health teachers, postsecondary	65.83	7.3	2,628	7.3	129,359	7.3
Health specialties teachers,						
postsecondary	70.28	9.2	2,805	9.2	137,238	9.2
Law, criminal justice, and social work						
teachers, postsecondary	69.67	4.7	2,787	4.7	129,959	4.7
Law teachers, postsecondary	69.67	4.7	2,787	4.7	129,959	4.7
Arts, communications, and humanities						
teachers, postsecondary	52.95	7.6	2,037	8.8	80,131	8.8
Art, drama, and music teachers,						
postsecondary	49.14	11.0	1,866	12.9	73,389	12.9
English language and literature						
teachers, postsecondary	42.75	13.5	1,635	13.0	66,261	13.0
Miscellaneous postsecondary teachers	37.93	7.5	1,482	7.0	67,111	7.0
Vocational education teachers,						
postsecondary	27.79	8.3	1,105	8.3	55,620	8.3
Primary, secondary, and special education						
school teachers	41.73	3.1	1,555	2.8	59,767	2.8
Preschool and kindergarten teachers	18.13	15.6	695	14.7	32,519	14.7
Preschool teachers, except special	10.50	100	500		25.505	
education	13.52	10.0	522	9.4	25,785	9.4
Kindergarten teachers, except special	42.02	7.0	1.550	C 1	57.502	C 1
education	42.03	7.2	1,559	6.1	57,593	6.1
Elementary and middle school teachers	44.91	1.8	1,664	1.4	62,017	1.4
Elementary school teachers, except	45.40	1.7	1 (00	1.4	62.944	1.4
special education	45.40	1.7	1,680	1.4	62,844	1.4
Middle school teachers, except special	42.53	3.7	1 507	3.0	58,103	3.0
and vocational education			1,587			
Secondary school teachers	45.06	2.7	1,686	2.4	63,989	2.4
special and vocational education	45.38	2.7	1,700	2.3	64,453	2.3
Vocational education teachers,	43.36	2.7	1,700	2.3	04,433	2.3
secondary school	38.88	9.8	1,415	7.0	55,071	7.0
Special education teachers	36.66 46.50	3.2	1,413	2.8	63,650	2.8
Special education teachers, preschool,	40.50	3.4	1,050	2.0	05,050	2.0
kindergarten, and elementary school	45.36	3.0	1,665	3.3	62,843	3.3
Special education teachers, secondary	₹3.30	3.0	1,003	3.3	02,043	3.3
school	50.78	6.9	1,800	3.2	66,281	3.2
Other teachers and instructors	39.81	8.7	1,465	8.0	58,344	8.0
Care teachers and instructors	37.01	0.7	1,705	0.0	50,544	0.0

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

	Hourly ea	arnings ³	Weekly earnings ⁵		Annual earnings ⁶	
Occupation ²	Mean	Relative error ⁴	Mean	Relative error ⁴	Mean	Relative error ⁴
Education, training, and library occupations						
-Continued						
Adult literacy, remedial education, and						
GED teachers and instructors	\$45.16	8.3%	\$1,602	10.2%	\$63,012	10.2%
Librarians	35.36	6.4	1,385	5.7	67,116	5.7
Library technicians	21.11	5.3	824	5.9	40,151	5.9
Instructional coordinators	40.38	6.6	1,584	5.6	71,160	5.6
Teacher assistants	16.18	3.1	529	5.1	22,716	5.1
Arts, design, entertainment, sports, and						
media occupations	32.43	9.2	1,286	9.2	66,680	9.2
Designers	29.09	8.5	1,142	9.4	59,396	9.4
Graphic designers	27.85	9.1	1,104	9.1	57,385	9.1
Actors, producers, and directors	50.95	14.0	2,038	14.0	105,984	14.0
Producers and directors	50.95	14.0	2,038	14.0	105,984	14.0
News analysts, reporters and correspondents	23.99	9.9	956	9.8	49,700	9.8
Reporters and correspondents	23.99	9.9	956	9.8	49,700	9.8
Public relations specialists	25.87	9.6	1,032	9.7	53,642	9.7
Writers and editors	31.29	8.0	1,203	9.5	62,561	9.5
Editors	27.20	6.5	1,003	8.0	52,139	8.0
Technical writers	37.59	9.2	1,503	9.2	78,182	9.2
Miscellaneous media and communication						
workers	22.61	4.9	899	5.0	46,106	5.0
Broadcast and sound engineering technicians						
and radio operators	35.98	8.3	1,493	10.7	77,638	10.7
Television, video, and motion picture camera						
operators and editors	22.58	14.2	903	14.2	46,962	14.2
Healthcare practitioner and technical						
occupations	36.29	4.3	1,440	4.4	74,616	4.4
Dietitians and nutritionists	30.74	8.9	1,174	11.6	61,035	11.6
Pharmacists	57.55	1.2	2,287	1.5	118,943	1.5
Physicians and surgeons	65.74	18.7	3,200	14.9	165,790	14.9
Physician assistants	51.89	3.5	2,019	3.9	104,964	3.9
Registered nurses	41.73	2.1	1,600	2.2	83,049	2.2
Therapists	39.89	3.6	1,572	3.7	79,223	3.7
Occupational therapists	42.20	6.9	1,670	7.2	84,746	7.2
Physical therapists	43.31	8.1	1,730	8.1	89,077	8.1
Respiratory therapists	32.15	5.5	1,218	7.1	63,342	7.1
Speech-language pathologists	39.80	4.0	1,528	4.4	60,852	4.4
Clinical laboratory technologists and						
technicians	25.40	3.5	1,012	3.5	52,618	3.5
Medical and clinical laboratory						
technologists	32.53	4.4	1,293	4.7	67,259	4.7

$Full-time {\small 1}\ civilian\ workers:\ Relative\ standard\ errors$ of mean hourly, weekly, and annual earnings — Continued

	Hourly ea	rnings ³	Weekly earnings ⁵		Annual earnings ⁶	
Occupation ²	Mean	Relative error ⁴	Mean	Relative error ⁴	Mean	Relative error ⁴
Healthcare practitioner and technical						
occupations –Continued						
Medical and clinical laboratory						
technicians	\$20.02	7.4%	\$799	7.4%	\$41,543	7.4%
Dental hygienists	41.33	10.7	1,275	12.2	66,288	12.2
Diagnostic related technologists and						
technicians	31.89	2.9	1,263	3.2	65,672	3.2
Radiologic technologists and technicians	30.81	3.3	1,220	3.6	63,432	3.6
Emergency medical technicians and						
paramedics	14.84	8.6	683	10.9	35,515	10.9
Health diagnosing and treating practitioner						
support technicians	22.25	4.6	881	4.9	45,791	4.9
Pharmacy technicians	18.94	8.6	744	9.2	38,673	9.2
Psychiatric technicians	25.83	3.6	1,030	3.9	53,581	3.9
Surgical technologists	22.08	6.2	872	5.6	45,337	5.6
Veterinary technologists and technicians	19.40	10.2	767	10.6	39,872	10.6
Licensed practical and licensed vocational						
nurses	23.20	2.4	893	3.3	46,287	3.3
Medical records and health information						
technicians	17.44	5.3	698	5.3	36,270	5.3
Opticians, dispensing	17.73	4.3	709	4.3	36,873	4.3
Miscellaneous health technologists and						
technicians	21.43	17.3	833	17.7	43,324	17.7
Occupational health and safety specialists						
and technicians	30.65	4.0	1,226	4.0	63,631	4.0
Occupational health and safety specialists	30.95	5.6	1,238	5.6	64,181	5.6
Healthcare support occupations	15.31	1.9	596	1.9	30,982	1.9
Nursing, psychiatric, and home health aides	12.64	2.4	493	2.6	25,596	2.6
Home health aides	11.47	5.9	435	5.8	22,646	5.8
Nursing aides, orderlies, and attendants	12.53	2.3	489	2.4	25,390	2.4
Psychiatric aides	16.83	7.0	673	7.0	35,012	7.0
Miscellaneous healthcare support						
occupations	16.75	2.0	651	1.7	33,838	1.7
Dental assistants	18.18	5.1	669	5.5	34,782	5.5
Medical assistants	16.32	2.7	644	2.7	33,465	2.7
Medical transcriptionists	20.14	10.4	806	10.4	41,895	10.4
Protective service occupations	28.02	5.1	1,143	5.6	59,168	5.6
First-line supervisors/managers, law						
enforcement workers	45.51	3.3	1,821	3.4	94,674	3.4
First-line supervisors/managers of						
correctional officers	39.62	5.0	1,593	4.9	82,836	4.9

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

	Hourly ea	rnings ³	Weekly ea	rnings ⁵	Annual earnings ⁶	
Occupation ²	Mean	Relative error ⁴	Mean	Relative error ⁴	Mean	Relative error ⁴
Protective service occupations –Continued						
First-line supervisors/managers of police						
and detectives	\$47.77	4.0%	\$1,907	4.2%	\$99,189	4.2%
First-line supervisors/managers of fire						
fighting and prevention workers	37.13	8.1	1,775	11.3	92,278	11.3
Fire fighters	29.78	8.9	1,462	11.7	76,005	11.7
Bailiffs, correctional officers, and jailers	28.58	5.5	1,141	5.5	59,349	5.5
Correctional officers and jailers	28.54	5.7	1,140	5.7	59,257	5.7
Detectives and criminal investigators	37.60	7.4	1,504	7.4	73,741	7.4
Police officers	37.16	1.7	1,484	1.6	76,904	1.6
Police and sheriff's patrol officers	37.16	1.7	1,484	1.6	76,904	1.6
Security guards and gaming surveillance						
officers	13.62	6.8	535	6.6	27,579	6.6
Security guards	13.53	6.8	532	6.7	27,394	6.7
Miscellaneous protective service workers	20.81	6.4	833	6.4	43,294	6.4
Lifeguards, ski patrol, and other	40.05		7.0	44.5	20.510	
recreational protective service workers	19.05	11.7	762	11.7	39,619	11.7
Tood whomever and coming valeted						
Food preparation and serving related	12.14	1.6	463	1.4	22 917	1.4
occupations	12.14	1.6	403	1.4	23,817	1.4
First-line supervisors/managers, food preparation and serving workers	18.58	4.5	732	4.2	36,658	4.2
Chefs and head cooks	21.51	10.8	866	10.4	43,973	10.4
First-line supervisors/managers of food	21.31	10.8	800	10.4	43,773	10.4
preparation and serving workers	18.17	4.2	713	4.7	35,691	4.7
Cooks	12.66	2.0	488	2.0	25,233	2.0
Cooks, fast food	9.80	5.7	382	6.0	19,863	6.0
Cooks, institution and cafeteria	15.22	6.0	604	6.1	30,313	6.1
Cooks, restaurant	12.74	2.3	486	2.2	25,292	2.2
Cooks, short order	11.38	7.0	442	7.4	22,962	7.4
Food preparation workers	10.95	6.3	426	6.6	21,571	6.6
Food service, tipped	8.87	2.3	329	3.2	17,000	3.2
Bartenders	9.81	3.8	363	5.3	18,875	5.3
Waiters and waitresses	8.39	2.6	310	3.4	16,101	3.4
Dining room and cafeteria attendants and	0.37	2.0	310	3.1	10,101	3.1
bartender helpers	9.32	4.3	348	5.9	17,662	5.9
Fast food and counter workers	11.27	1.9	435	2.2	22,358	2.2
Combined food preparation and serving	11.27	1.,	133	2.2	22,330	
workers, including fast food	11.33	2.0	437	2.3	22,495	2.3
Counter attendants, cafeteria, food			,		,.,,	
concession, and coffee shop	10.98	3.5	429	4.3	21,714	4.3
Food servers, nonrestaurant	11.25	7.4	443	6.7	23,033	6.7
Dishwashers	10.62	7.2	403	7.8	20,944	7.8
					7-	

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

	Hourly ea	rnings ³	Weekly earnings ⁵		Annual earnings ⁶	
Occupation ²	Mean	Relative error ⁴	Mean	Relative error ⁴	Mean	Relative error ⁴
Food preparation and serving related						
occupations –Continued						
Hosts and hostesses, restaurant, lounge, and						
coffee shop	\$10.82	7.7%	\$330	5.7%	\$17,159	5.7%
Building and grounds cleaning and						
maintenance occupations	14.22	2.1	559	2.2	28,764	2.2
First-line supervisors/managers, building and						
grounds cleaning and maintenance						
workers	21.45	4.1	844	4.9	43,719	4.9
First-line supervisors/managers of						
housekeeping and janitorial workers	20.41	4.5	817	4.5	42,259	4.5
First-line supervisors/managers of						
landscaping, lawn service, and						
groundskeeping workers	24.87	18.7	928	23.8	48,233	23.8
Building cleaning workers	13.45	2.7	529	2.6	27,339	2.6
Janitors and cleaners, except maids and						
housekeeping cleaners	14.38	3.1	567	3.0	29,338	3.0
Maids and housekeeping cleaners	11.32	2.4	441	2.2	22,918	2.2
Grounds maintenance workers	14.52	4.2	570	4.5	28,680	4.5
Landscaping and groundskeeping workers	13.97	4.6	547	5.2	28,382	5.2
Personal care and service occupations	13.84	4.0	516	4.2	26,374	4.2
First-line supervisors/managers of gaming					,	
workers	15.47	15.9	612	15.9	31,846	15.9
Gaming supervisors	18.00	21.9	708	22.1	36,813	22.1
First-line supervisors/managers of personal						
service workers	17.52	6.1	705	5.3	36,679	5.3
Gaming services workers	9.03	3.0	341	2.5	17,735	2.5
Gaming dealers	8.47	4.1	315	1.0	16,395	1.0
Miscellaneous entertainment attendants and						
related workers	10.30	6.4	402	7.0	18,717	7.0
Amusement and recreation attendants	8.74	3.3	349	3.3	14,637	3.3
Baggage porters, bellhops, and concierges	12.04	6.4	477	6.4	24,812	6.4
Baggage porters and bellhops	10.32	10.7	413	10.7	21,475	10.7
Concierges	13.33	9.7	524	9.7	27,271	9.7
Child care workers	11.98	5.9	454	4.1	22,475	4.1
Personal and home care aides	12.13	5.7	468	7.2	24,334	7.2
Recreation and fitness workers	17.25	8.7	676	7.9	35,132	7.9
Fitness trainers and aerobics instructors	19.36	8.4	764	9.2	39,708	9.2
Recreation workers	14.38	7.4	558	6.1	29,042	6.1
Sales and related occupations	21.12	2.6	838	2.6	43,393	2.6

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

Sales and related occupations - Continued First-line supervisors/managers, sales workers S22.02 4.6% \$886 4.5% \$46,059 4.5% First-line supervisors/managers of retail sales workers 19.07 3.7 768 3.6 39,953 3.6 19.07 3.7 768 3.6 39,953 3.		Hourly ea	rnings ³	Weekly ea	rnings ⁵	Annual earnings ⁶	
First-line supervisors/managers of retail sales workers	Occupation ²	Mean		Mean		Mean	4
First-line supervisors/managers of retail sales workers							
First-line supervisors/managers of retail sales workers	Sales and related occupations -Continued						
First-line supervisors/managers of retail sales workers	First-line supervisors/managers, sales						
Sales workers		\$22.02	4.6%	\$886	4.5%	\$46,059	4.5%
First-line supervisors/managers of non-retail sales workers	First-line supervisors/managers of retail						
Non-retail sales workers	sales workers	19.07	3.7	768	3.6	39,953	3.6
Retail sales workers	First-line supervisors/managers of						
Cashiers all workers 11.81 3.1 466 3.0 24,042 3.0 Cashiers 11.80 3.1 466 3.0 24,028 3.0 Counter and rental clerks and parts 16.85 6.1 669 6.2 34,812 6.2 Counter and rental clerks 16.92 14.5 677 14.5 35,189 14.5 Parts salespersons 16.83 6.6 667 6.8 34,687 6.8 Retail salespersons 15.63 5.9 618 5.8 31,856 5.8 Advertising sales agents 22.71 11.5 900 11.4 46,808 11.4 Insurance sales agents 38.23 21.7 1,527 22.0 79,416 22.0 Securities, commodities, and financial services sales agents 61.48 11.8 2,459 11.8 127,876 11.8 Travel agent 20.39 17.2 815 17.2 42,401 17.2 Sales representatives, wholesale and manufacturing, except tech	non-retail sales workers	31.43	9.2	1,257	9.2	65,369	9.2
Cashiers 11.80 3.1 466 3.0 24,028 3.0 Counter and rental clerks and parts salespersons 16.85 6.1 669 6.2 34,812 6.2 Counter and rental clerks 16.92 14.5 677 14.5 35,189 14.5 Parts salespersons 16.83 6.6 667 6.8 34,687 6.8 Retail salespersons 15.63 5.9 618 5.8 31,856 5.8 Advertising sales agents 15.63 5.9 618 5.8 31,856 5.8 Advertising sales agents 22.71 11.5 900 11.4 46,808 11.4 Insurance sales agents 38.23 21.7 1,527 22.0 79,416 22.0 Securities, commodities, and financial services sales agents 20.39 17.2 815 17.2 42,401 17.2 Sales representatives, wholesale and manufacturing, technical and scientific products 40.08 8.4 1,604 8.4 83,410 8.4 <td>Retail sales workers</td> <td>14.12</td> <td>4.8</td> <td>558</td> <td>4.8</td> <td>28,797</td> <td>4.8</td>	Retail sales workers	14.12	4.8	558	4.8	28,797	4.8
Cashiers 11.80 3.1 466 3.0 24,028 3.0 Counter and rental clerks and parts salespersons 16.85 6.1 669 6.2 34,812 6.2 Counter and rental clerks 16.92 14.5 677 14.5 35,189 14.5 Parts salespersons 16.83 6.6 667 6.8 34,687 6.8 Retail salespersons 15.63 5.9 618 5.8 31,856 5.8 Advertising sales agents 15.63 5.9 618 5.8 31,856 5.8 Advertising sales agents 22.71 11.5 900 11.4 46,808 11.4 Insurance sales agents 38.23 21.7 1,527 22.0 79,416 22.0 Securities, commodities, and financial services sales agents 20.39 17.2 815 17.2 42,401 17.2 Sales representatives, wholesale and manufacturing, technical and scientific products 40.08 8.4 1,604 8.4 83,410 8.4 <td>Cashiers, all workers</td> <td>11.81</td> <td>3.1</td> <td>466</td> <td>3.0</td> <td>24,042</td> <td>3.0</td>	Cashiers, all workers	11.81	3.1	466	3.0	24,042	3.0
Counter and rental clerks and parts salespersons		11.80	3.1	466	3.0	24,028	3.0
salespersons 16.85 6.1 669 6.2 34,812 6.2 Counter and rental clerks 16.92 14.5 677 14.5 35,189 14.5 Parts salespersons 16.83 6.6 667 6.8 34,687 6.8 Retail salespersons 15.63 5.9 618 5.8 31,856 5.8 Advertising sales agents 22.71 11.5 900 11.4 46,808 11.4 Insurance sales agents 38.23 21.7 1,527 22.0 79,416 22.0 Securities, commodities, and financial services sales agents 38.23 21.7 1,527 22.0 79,416 22.0 Sales representatives, wholesale and manufacturing, expenicatives, wholesale and manufacturing, except technical and scientific products 40.08 8.4 1,604 8.4 83,410 8.4 Sales representatives, wholesale and manufacturing, except technical and scientific products 40.08 8.4 1,604 8.4 83,410 8.4 Models, demonstrators, and product promoters 26.06 <t< td=""><td></td><td></td><td></td><td></td><td></td><td>ŕ</td><td></td></t<>						ŕ	
Counter and rental clerks 16.92 14.5 677 14.5 35,189 14.5 Parts salespersons 16.83 6.6 667 6.8 34,687 6.8 Retail salespersons 15.63 5.9 618 5.8 31,856 5.8 Advertising sales agents 22.71 11.5 900 11.4 46,808 11.4 Insurance sales agents 38.23 21.7 1,527 22.0 79,416 22.0 Securities, commodities, and financial services sales agents 61.48 11.8 2,459 11.8 127,876 11.8 Travel agents 20.39 17.2 815 17.2 42,401 17.2 Sales representatives, wholesale and manufacturing, technical and scientific products 40.08 8.4 1,604 8.4 83,410 8.4 Sales representatives, wholesale and manufacturing, except technical and scientific products 28.86 8.5 1,165 8.4 60,563 8.4 Models, demonstrators, and product promoters 26.06 15.6 1,033 <td< td=""><td></td><td>16.85</td><td>6.1</td><td>669</td><td>6.2</td><td>34,812</td><td>6.2</td></td<>		16.85	6.1	669	6.2	34,812	6.2
Parts salespersons 16.83 6.6 667 6.8 34,687 6.8 Retail salespersons 15.63 5.9 618 5.8 31,836 5.8 Advertising sales agents 22.71 11.5 900 11.4 46,808 11.4 Insurance sales agents 38.23 21.7 1,527 22.0 79,416 22.0 Securities, commodities, and financial services sales agents 61.48 11.8 2,459 11.8 127,876 11.8 Travel agents 20.39 17.2 815 17.2 42,401 17.2 Sales representatives, wholesale and manufacturing, technical and scientific products 40.08 8.4 1,604 8.4 83,410 8.4 Sales representatives, wholesale and manufacturing, except technical and scientific products 28.86 8.5 1,165 8.4 60,563 8.4 Models, demonstrators, and product promoters 26.06 15.6 1,033 15.8 53,729 15.8 Real estate brokers and sales agents 26.29 24.9 1,060 <td></td> <td></td> <td></td> <td>677</td> <td></td> <td></td> <td></td>				677			
Retail salespersons				667			
Advertising sales agents				618			
Insurance sales agents							
Securities, commodities, and financial services sales agents							
services sales agents 61.48 11.8 2,459 11.8 127,876 11.8 Travel agents 20.39 17.2 815 17.2 42,401 17.2 Sales representatives, wholesale and manufacturing 32.40 7.3 1,304 7.2 67,816 7.2 Sales representatives, wholesale and manufacturing, technical and scientific products 40.08 8.4 1,604 8.4 83,410 8.4 Sales representatives, wholesale and manufacturing, except technical and scientific products 28.86 8.5 1,165 8.4 60,563 8.4 Models, demonstrators, and product promoters 26.06 15.6 1,033 15.8 53,729 15.8 Demonstrators and product promoters 26.06 15.6 1,033 15.8 53,729 15.8 Real estate brokers and sales agents 26.29 24.9 1,060 25.3 55,107 25.3 Real estate sales agents 26.29 24.9 1,060 25.3 55,107 25.3 Telemarketers 14.33 11.5		20.20		1,027		,,,,,,	
Travel agents 20.39 17.2 815 17.2 42,401 17.2 Sales representatives, wholesale and manufacturing, technical and scientific products 32.40 7.3 1,304 7.2 67,816 7.2 Sales representatives, wholesale and manufacturing, except technical and scientific products 40.08 8.4 1,604 8.4 83,410 8.4 Models, demonstrators, and product promoters 28.86 8.5 1,165 8.4 60,563 8.4 Demonstrators and product promoters 26.06 15.6 1,033 15.8 53,729 15.8 Real estate brokers and sales agents 26.29 24.9 1,060 25.3 55,107 25.3 Real estate sales agents 26.29 24.9 1,060 25.3 55,107 25.3 Telemarketers 14.33 11.5 557 12.6 28,960 12.6 Miscellaneous sales and related workers 19.70 7.4 750 7.9 38,600 7.9 Office and administrative support workers 25.66 2.6		61 48	11.8	2.459	11.8	127 876	11.8
Sales representatives, wholesale and manufacturing. 32.40 7.3 1,304 7.2 67,816 7.2 Sales representatives, wholesale and manufacturing, technical and scientific products 40.08 8.4 1,604 8.4 83,410 8.4 Sales representatives, wholesale and manufacturing, except technical and scientific products 28.86 8.5 1,165 8.4 60,563 8.4 Models, demonstrators, and product promoters 26.06 15.6 1,033 15.8 53,729 15.8 Demonstrators and product promoters 26.06 15.6 1,033 15.8 53,729 15.8 Real estate brokers and sales agents 26.29 24.9 1,060 25.3 55,107 25.3 Real estate sales agents 26.29 24.9 1,060 25.3 55,107 25.3 Telemarketers 14.33 11.5 557 12.6 28,960 12.6 Miscellaneous sales and related workers 19.70 7.4 750 7.9 38,600 7.9 Office and administrative support workers				· ·			
manufacturing 32.40 7.3 1,304 7.2 67,816 7.2 Sales representatives, wholesale and manufacturing, technical and scientific products 40.08 8.4 1,604 8.4 83,410 8.4 Sales representatives, wholesale and manufacturing, except technical and scientific products 28.86 8.5 1,165 8.4 60,563 8.4 Models, demonstrators, and product promoters 26.06 15.6 1,033 15.8 53,729 15.8 Demonstrators and product promoters 26.06 15.6 1,033 15.8 53,729 15.8 Real estate brokers and sales agents 26.29 24.9 1,060 25.3 55,107 25.3 Real estate sales agents 26.29 24.9 1,060 25.3 55,107 25.3 Telemarketers 14.33 11.5 557 12.6 28,960 12.6 Miscellaneous sales and related workers 19.70 7.4 750 7.9 38,600 7.9 Office and administrative support workers 25.66 2.6 1,025 2.7 53,258 2.7 Switchboar		20.57	17.2	015	17.2	12,101	17.2
Sales representatives, wholesale and manufacturing, technical and scientific products 40.08 8.4 1,604 8.4 83,410 8.4 Sales representatives, wholesale and manufacturing, except technical and scientific products 28.86 8.5 1,165 8.4 60,563 8.4 Models, demonstrators, and product promoters 26.06 15.6 1,033 15.8 53,729 15.8 Demonstrators and product promoters 26.06 15.6 1,033 15.8 53,729 15.8 Real estate brokers and sales agents 26.29 24.9 1,060 25.3 55,107 25.3 Real estate sales agents 26.29 24.9 1,060 25.3 55,107 25.3 Telemarketers 14.33 11.5 557 12.6 28,960 12.6 Miscellaneous sales and related workers 19.70 7.4 750 7.9 38,600 7.9 Office and administrative support occupations 18.34 1.0 728 1.0 37,730 1.0 First-line supervisors/managers of office and administrative support occupations 25.66 2.6 1,025 2.7 5		32 40	7.3	1 304	7.2	67.816	7.2
manufacturing, technical and scientific products 40.08 8.4 1,604 8.4 83,410 8.4 Sales representatives, wholesale and manufacturing, except technical and scientific products 28.86 8.5 1,165 8.4 60,563 8.4 Models, demonstrators, and product promoters 26.06 15.6 1,033 15.8 53,729 15.8 Demonstrators and product promoters 26.06 15.6 1,033 15.8 53,729 15.8 Real estate brokers and sales agents 26.29 24.9 1,060 25.3 55,107 25.3 Real estate sales agents 26.29 24.9 1,060 25.3 55,107 25.3 Telemarketers 14.33 11.5 557 12.6 28,960 12.6 Miscellaneous sales and related workers 19.70 7.4 750 7.9 38,600 7.9 Office and administrative support workers 25.66 2.6 1,025 2.7 53,258 2.7 Switchboard operators, including answering service 14.55 6.5 <td></td> <td>32.40</td> <td>7.5</td> <td>1,504</td> <td>7.2</td> <td>07,010</td> <td>7.2</td>		32.40	7.5	1,504	7.2	07,010	7.2
products 40.08 8.4 1,604 8.4 83,410 8.4 Sales representatives, wholesale and manufacturing, except technical and scientific products 28.86 8.5 1,165 8.4 60,563 8.4 Models, demonstrators, and product promoters 26.06 15.6 1,033 15.8 53,729 15.8 Demonstrators and product promoters 26.06 15.6 1,033 15.8 53,729 15.8 Real estate brokers and sales agents 26.29 24.9 1,060 25.3 55,107 25.3 Real estate sales agents 26.29 24.9 1,060 25.3 55,107 25.3 Telemarketers 14.33 11.5 557 12.6 28,960 12.6 Miscellaneous sales and related workers 19.70 7.4 750 7.9 38,600 7.9 Office and administrative support occupations 18.34 1.0 728 1.0 37,730 1.0 First-line supervisors/managers of office and administrative support workers 25.66 2.6 1,025 2.7 53,258 2.7 Switchboard operators,							
Sales representatives, wholesale and manufacturing, except technical and scientific products 28.86 8.5 1,165 8.4 60,563 8.4 Models, demonstrators, and product promoters 26.06 15.6 1,033 15.8 53,729 15.8 Demonstrators and product promoters 26.06 15.6 1,033 15.8 53,729 15.8 Real estate srade sades agents 26.29 24.9 1,060 25.3 55,107 25.3 Real estate sales agents 26.29 24.9 1,060 25.3 55,107 25.3 Telemarketers 14.33 11.5 557 12.6 28,960 12.6 Miscellaneous sales and related workers 19.70 7.4 750 7.9 38,600 7.9 Office and administrative support occupations 18.34 1.0 728 1.0 37,730 1.0 First-line supervisors/managers of office and administrative support occupations 25.66 2.6 1,025 2.7 53,258 2.7 Switchboard operators, including answering service 14.55 6.5 582 6.5 30,256 6.5		40.08	8.4	1 604	8.4	83.410	8.1
manufacturing, except technical and scientific products 28.86 8.5 1,165 8.4 60,563 8.4 Models, demonstrators, and product promoters 26.06 15.6 1,033 15.8 53,729 15.8 Demonstrators and product promoters 26.06 15.6 1,033 15.8 53,729 15.8 Real estate brokers and sales agents 26.29 24.9 1,060 25.3 55,107 25.3 Real estate sales agents 26.29 24.9 1,060 25.3 55,107 25.3 Telemarketers 14.33 11.5 557 12.6 28,960 12.6 Miscellaneous sales and related workers 19.70 7.4 750 7.9 38,600 7.9 Office and administrative support occupations 18.34 1.0 728 1.0 37,730 1.0 First-line supervisors/managers of office and administrative support workers 25.66 2.6 1,025 2.7 53,258 2.7 Switchboard operators, including answering service 14.55 6.5 582 6.5 30,256 6.5 Telephone operators		40.00	0.4	1,004	0.4	05,410	0.4
scientific products 28.86 8.5 1,165 8.4 60,563 8.4 Models, demonstrators, and product promoters 26.06 15.6 1,033 15.8 53,729 15.8 Demonstrators and product promoters 26.06 15.6 1,033 15.8 53,729 15.8 Real estate brokers and sales agents 26.29 24.9 1,060 25.3 55,107 25.3 Real estate sales agents 26.29 24.9 1,060 25.3 55,107 25.3 Telemarketers 14.33 11.5 557 12.6 28,960 12.6 Miscellaneous sales and related workers 19.70 7.4 750 7.9 38,600 7.9 Office and administrative support occupations 18.34 1.0 728 1.0 37,730 1.0 First-line supervisors/managers of office and administrative support workers 25.66 2.6 1,025 2.7 53,258 2.7 Switchboard operators, including answering service 14.55 6.5 582 6.5 30,256 6.5 Telephone operators 14.99 <td< td=""><td></td><td></td><td></td><td></td><td></td><td></td><td></td></td<>							
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promoters 26.06 15.6 1,033 15.8 53,729 15.8 Demonstrators and product promoters 26.06 15.6 1,033 15.8 53,729 15.8 Real estate brokers and sales agents 26.29 24.9 1,060 25.3 55,107 25.3 Real estate sales agents 26.29 24.9 1,060 25.3 55,107 25.3 Telemarketers 14.33 11.5 557 12.6 28,960 12.6 Miscellaneous sales and related workers 19.70 7.4 750 7.9 38,600 7.9 Office and administrative support occupations 18.34 1.0 728 1.0 37,730 1.0 First-line supervisors/managers of office and administrative support workers 25.66 2.6 1,025 2.7 53,258 2.7 Switchboard operators, including answering service 14.55 6.5 582 6.5 30,256 6.5 Telephone operators 14.99 12.2 600 12.2 31,187 <t< td=""><td></td><td>20.00</td><td>0.5</td><td>1,103</td><td>0.4</td><td>00,303</td><td>0.4</td></t<>		20.00	0.5	1,103	0.4	00,303	0.4
Demonstrators and product promoters 26.06 15.6 1,033 15.8 53,729 15.8 Real estate brokers and sales agents 26.29 24.9 1,060 25.3 55,107 25.3 Real estate sales agents 26.29 24.9 1,060 25.3 55,107 25.3 Telemarketers 14.33 11.5 557 12.6 28,960 12.6 Miscellaneous sales and related workers 19.70 7.4 750 7.9 38,600 7.9 Office and administrative support occupations 18.34 1.0 728 1.0 37,730 1.0 First-line supervisors/managers of office and administrative support workers 25.66 2.6 1,025 2.7 53,258 2.7 Switchboard operators, including answering service 14.55 6.5 582 6.5 30,256 6.5 Telephone operators 14.99 12.2 600 12.2 31,187 12.2	-	26.06	15.6	1.033	15 0	53 720	15 0
Real estate brokers and sales agents 26.29 24.9 1,060 25.3 55,107 25.3 Real estate sales agents 26.29 24.9 1,060 25.3 55,107 25.3 Telemarketers 14.33 11.5 557 12.6 28,960 12.6 Miscellaneous sales and related workers 19.70 7.4 750 7.9 38,600 7.9 Office and administrative support occupations 18.34 1.0 728 1.0 37,730 1.0 First-line supervisors/managers of office and administrative support workers 25.66 2.6 1,025 2.7 53,258 2.7 Switchboard operators, including answering service 14.55 6.5 582 6.5 30,256 6.5 Telephone operators 14.99 12.2 600 12.2 31,187 12.2	1			· ·			
Real estate sales agents 26.29 24.9 1,060 25.3 55,107 25.3 Telemarketers 14.33 11.5 557 12.6 28,960 12.6 Miscellaneous sales and related workers 19.70 7.4 750 7.9 38,600 7.9 Office and administrative support occupations 18.34 1.0 728 1.0 37,730 1.0 First-line supervisors/managers of office and administrative support workers 25.66 2.6 1,025 2.7 53,258 2.7 Switchboard operators, including answering service 14.55 6.5 582 6.5 30,256 6.5 Telephone operators 14.99 12.2 600 12.2 31,187 12.2			.				l
Telemarketers 14.33 11.5 557 12.6 28,960 12.6 Miscellaneous sales and related workers 19.70 7.4 750 7.9 38,600 7.9 Office and administrative support occupations 18.34 1.0 728 1.0 37,730 1.0 First-line supervisors/managers of office and administrative support workers 25.66 2.6 1,025 2.7 53,258 2.7 Switchboard operators, including answering service 14.55 6.5 582 6.5 30,256 6.5 Telephone operators 14.99 12.2 600 12.2 31,187 12.2				· ·			
Miscellaneous sales and related workers 19.70 7.4 750 7.9 38,600 7.9 Office and administrative support occupations 18.34 1.0 728 1.0 37,730 1.0 First-line supervisors/managers of office and administrative support workers 25.66 2.6 1,025 2.7 53,258 2.7 Switchboard operators, including answering service 14.55 6.5 582 6.5 30,256 6.5 Telephone operators 14.99 12.2 600 12.2 31,187 12.2				·			1
Office and administrative support occupations 18.34 1.0 728 1.0 37,730 1.0 First-line supervisors/managers of office and administrative support workers 25.66 2.6 1,025 2.7 53,258 2.7 Switchboard operators, including answering service 14.55 6.5 582 6.5 30,256 6.5 Telephone operators 14.99 12.2 600 12.2 31,187 12.2						· ·	
occupations 18.34 1.0 728 1.0 37,730 1.0 First-line supervisors/managers of office and administrative support workers 25.66 2.6 1,025 2.7 53,258 2.7 Switchboard operators, including answering service 14.55 6.5 582 6.5 30,256 6.5 Telephone operators 14.99 12.2 600 12.2 31,187 12.2	Miscellaneous sales and related workers	19.70	7.4	/30	7.9	38,000	1.9
occupations 18.34 1.0 728 1.0 37,730 1.0 First-line supervisors/managers of office and administrative support workers 25.66 2.6 1,025 2.7 53,258 2.7 Switchboard operators, including answering service 14.55 6.5 582 6.5 30,256 6.5 Telephone operators 14.99 12.2 600 12.2 31,187 12.2	0.00						
First-line supervisors/managers of office and administrative support workers		10.24	1.0	739	1.0	27.720	1.0
administrative support workers 25.66 2.6 1,025 2.7 53,258 2.7 Switchboard operators, including answering service 14.55 6.5 582 6.5 30,256 6.5 Telephone operators 14.99 12.2 600 12.2 31,187 12.2		18.34	1.0	128	1.0	37,730	1.0
Switchboard operators, including answering service 14.55 6.5 582 6.5 30,256 6.5 Telephone operators 14.99 12.2 600 12.2 31,187 12.2		25.66	2.6	1.005	2.7	F2 259	2.7
service		25.66	2.6	1,025	2.7	55,258	2.7
Telephone operators		1 4 5 5		503		20.256	
Financial cierks	• •					· ·	1
	Financial clerks	18.26	1.2	121	1.2	37,796	1.2

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

						
	Hourly ea	rnings ³	Weekly ea	Weekly earnings ⁵		rnings ⁶
Occupation ²	Mean	Relative error ⁴	Mean	Relative error ⁴	Mean	Relative error ⁴
Office and administrative support						
occupations –Continued						
Bill and account collectors	\$19.56	3.8%	\$782	3.8%	\$40,679	3.8%
Billing and posting clerks and machine	Ψ17.50	3.670	Ψ762	3.070	Ψ τ υ,υ/	3.670
operators	16.98	4.1	675	4.2	35,085	4.2
Bookkeeping, accounting, and auditing	10.70	7.1	075	7.2	33,003	7.2
clerks	19.20	1.3	765	1.3	39,802	1.3
Payroll and timekeeping clerks	19.52	4.0	772	3.9	39,561	3.9
Procurement clerks	18.09	5.7	723	5.7	37,590	5.7
Tellers	14.11	2.0	560	2.1	29,145	2.1
Brokerage clerks	21.59	6.1	864	6.1	44,903	6.1
Court, municipal, and license clerks	19.36	4.4	774	4.4	40,262	4.4
Credit authorizers, checkers, and clerks	18.98	5.1	774 759	5.1	39,471	5.1
Customer service representatives	17.53	3.1	696	4.4	36,187	4.4
•	17.55	3.6	090	4.4	30,167	4.4
Eligibility interviewers, government	19.37	4.2	775	4.2	40,295	4.2
programs		4.2		5.2	31,726	5.2
File clerks	15.40		610			
Hotel, motel, and resort desk clerks	11.89	5.4	470	4.9	24,416	4.9
Interviewers, except eligibility and loan	15.75	5.3 19.7	615	4.5	31,994	4.5
Library assistants, clerical	18.78		- (50	- 65	24.225	-
Loan interviewers and clerks	16.55	6.7	658	6.5	34,235	6.5
New accounts clerks	16.96	3.4	679	3.4	35,284	3.4
Order clerks	16.44	8.7	647	9.1	33,654	9.1
Human resources assistants, except payroll	10.22	2.4	770	2.7	40.020	2.7
and timekeeping	19.32	3.4	770	3.7	40,030	3.7
Receptionists and information clerks	15.12	5.1	598	5.2	31,014	5.2
Reservation and transportation ticket agents	17.05	<i>c</i> 1	711	<i>c</i> 2	26.060	
and travel clerks	17.85	6.1	711	6.2	36,968	6.2
Cargo and freight agents	29.40	24.6	1,176	24.6	61,152	24.6
Couriers and messengers	11.24	18.8	448	18.6	23,311	18.6
Dispatchers	20.45	5.1	824	5.1	42,540	5.1
Police, fire, and ambulance dispatchers	22.84	12.6	926	12.9	48,151	12.9
Dispatchers, except police, fire, and	40.50					
ambulance	19.39	4.4	779	4.5	40,109	4.5
Meter readers, utilities	24.93	7.0	997	7.0	51,856	7.0
Production, planning, and expediting clerks	22.64	8.8	906	8.8	47,089	8.8
Shipping, receiving, and traffic clerks	13.58	4.8	541	4.4	28,148	4.4
Stock clerks and order fillers	14.88	2.5	585	2.6	30,443	2.6
Weighers, measurers, checkers, and						
samplers, recordkeeping	16.54	6.2	661	6.2	32,584	6.2
Secretaries and administrative assistants	22.86	1.5	903	1.3	46,670	1.3
Executive secretaries and administrative						
assistants	23.89	2.1	953	2.1	49,539	2.1
Legal secretaries	27.47	3.7	1,064	3.2	55,348	3.2

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

	Hourly ea	rnings ³	Weekly ea	nrnings ⁵	Annual earnings ⁶	
Occupation ²	Mean	Relative error ⁴	Mean	Relative error ⁴	Mean	Relative error ⁴
Office and administrative support						
occupations –Continued						
Medical secretaries	\$21.01	8.6%	\$797	6.9%	\$41,267	6.9%
Secretaries, except legal, medical, and						
executive	18.62	2.2	741	2.1	37,661	2.1
Data entry and information processing						
workers	15.34	3.3	612	3.2	31,823	3.2
Data entry keyers	13.23	3.0	528	2.9	27,436	2.9
Word processors and typists	17.34	3.9	692	3.8	36,002	3.8
Insurance claims and policy processing						
clerks	19.03	4.5	748	4.8	38,913	4.8
Mail clerks and mail machine operators,						
except postal service	11.67	7.9	465	8.1	24,161	8.1
Office clerks, general	16.48	1.8	655	1.9	33,859	1.9
7	47.00	0.0	50		25.102	
Farming, fishing, and forestry occupations	17.80	9.0	705	9.2	36,103	9.2
Miscellaneous agricultural workers	14.35	8.4	574	8.4	29,844	8.4
Construction and extraction occupations	24.34	2.1	962	2.1	49,320	2.1
First-line supervisors/managers of	24.54	2.1	702	2.1	47,320	2.1
construction trades and extraction						
workers	35.28	4.6	1,409	4.6	71,904	4.6
Carpenters	24.62	4.6	978	4.5	49,404	4.5
Cement masons, concrete finishers, and	21.02	1.0	770	1.5	12,101	1.5
terrazzo workers	23.61	6.2	839	10.5	42,684	10.5
Cement masons and concrete finishers	23.61	6.2	839	10.5	42,684	10.5
Construction laborers	19.36	5.8	754	6.3	37,985	6.3
Construction equipment operators	27.04	5.1	1,081	5.1	54,360	5.1
Operating engineers and other	27.04	3.1	1,001	3.1	34,300	3.1
construction equipment operators	29.12	5.0	1,165	5.0	59,250	5.0
Drywall installers, ceiling tile installers, and	27.12	3.0	1,103	3.0	37,230	3.0
tapers	21.76	13.3	860	12.3	44,703	12.3
Drywall and ceiling tile installers	22.66	12.6	893	11.6	46,450	11.6
Tapers	20.54	18.3	814	17.1	42,330	17.1
Electricians	30.72	7.9	1,220	7.7	63,397	7.7
Glaziers	35.70	16.6	1,428	16.6	74,251	16.6
Painters and paperhangers	18.94	6.2	752	6.5	39,104	6.5
Painters, construction and maintenance	18.82	6.3	732 747	6.6	38,848	6.6
Pipelayers, plumbers, pipefitters, and	10.02	0.5	, , , ,	0.0	30,040	0.0
steamfitters	29.79	3.2	1,191	3.2	61,953	3.2
Plumbers, pipefitters, and steamfitters	29.79	3.1	1,191	3.1	62,238	3.1
Roofers	15.59	10.6	622	10.6	31,578	10.6
Sheet metal workers	33.89	17.4	1,355	17.4	70,481	17.4
Structural iron and steel workers	27.92	6.9	1,333	6.9	57,305	6.9
Structural from and steel workers	21.72	0.7	1,117	0.7	37,303	0.7

$Full-time {\small 1}\ civilian\ workers:\ Relative\ standard\ errors$ of mean hourly, weekly, and annual earnings — Continued

Construction and extraction occupations		Hourly earnings ³		Weekly earnings ⁵		Annual earnings ⁶	
Continued Helpers, construction trades	Occupation ²	Mean		Mean		Mean	Relative error ⁴
Continued Helpers, construction trades							
Helpers-carpenters							
Construction and building inspectors	Helpers, construction trades	\$16.45	9.3%	\$646	10.5%	\$33,579	10.5%
Construction and building inspectors	Helperscarpenters	15.17	7.1	607	7.1	31,499	7.1
Highway maintenance workers 20.53 7.2 821 7.2 40,024 7.2		29.84	8.3	1,194	8.3	62,071	8.3
Miscellaneous construction and related workers 13.75 13.1 550 13.1 28,592 13.1 Installation, maintenance, and repair occupations 25.36 2.7 1,013 2.8 52,631 2.8 First-line supervisors/managers of mechanics, installers, and repairers 37.96 3.5 1,527 3.3 79,402 3.3 Computer, automated teller, and office machine repairers 18.23 11.6 727 11.5 37,794 11.5 Radio and telecommunications equipment installers and repairers 28.66 4.5 1,143 4.5 59,450 4.5 Telecommunications equipment installers and repairers, except line installers and repairers, except line installers and repairers, except line installers, and repairers 28.66 4.5 1,143 4.5 59,450 4.5 Miscellaneous electrical and electronic repairers, commercial and industrial equipment equipment mechanics, installers, and repairers 26.19 6.7 1,057 7.3 54,897 7.3 Electrical and electronics repairers, powerhouse, substation, and relay 40.61 3.1 1,624 3.1 84,471 3.1 Airc		20.53	7.2		7.2	40,024	7.2
Installation, maintenance, and repair occupations						ĺ	
occupations 25.36 2.7 1,013 2.8 52,631 2.8 First-line supervisors/managers of mechanics, installers, and repairers 37.96 3.5 1,527 3.3 79,402 3.3 Computer, automated teller, and office machine repairers 18.23 11.6 727 11.5 37,794 11.5 Radio and telecommunications equipment installers and repairers 28.66 4.5 1,143 4.5 59,450 4.5 Telecommunications equipment installers and repairers, except line installers and repairers, except line installers, and repairers. 28.66 4.5 1,143 4.5 59,450 4.5 Miscellaneous electrical and electronic equipment mechanics, installers, and repairers. 26.19 6.7 1,057 7.3 54,897 7.3 Electrical and electronics repairers, commercial and industrial equipment Electrical and electronics repairers, powerhouse, substation, and relay 40.61 3.1 1,624 3.1 84,471 3.1 Aircraft mechanics and service technicians. 22.79 6.4 899 6.3 46,742 6.3 Automotive body and related repairers 23		13.75	13.1	550	13.1	28,592	13.1
First-line supervisors/managers of mechanics, installers, and repairers	Installation, maintenance, and repair						
First-line supervisors/managers of mechanics, installers, and repairers		25.36	2.7	1,013	2.8	52,631	2.8
Computer, automated teller, and office machine repairers 18.23 11.6 727 11.5 37,794 11.5 Radio and telecommunications equipment installers and repairers 28.66 4.5 1,143 4.5 59,450 4.5 Telecommunications equipment installers and repairers, except line installers and repairers, except line installers and repairers, except line installers, and repairers and repairers, except line installers, and repairers 28.66 4.5 1,143 4.5 59,450 4.5 Miscellaneous electrical and electronic equipment mechanics, installers, and repairers 26.19 6.7 1,057 7.3 54,897 7.3 Electrical and electronics repairers, commercial and industrial equipment Electrical and electronics repairers, commercial and industrial equipment electronics repairers, and repairers 30.72 6.6 1,258 7.6 65,265 7.6 Electrical and electronics repairers, commercial and industrial equipment expowerhouse, substation, and relay 40.61 3.1 1,624 3.1 84,471 3.1 Aircraft mechanics and service technicians and repairers 22.79 6.4 899 6.3 46,742 6.3 Automotive service technicians and mechanics <	First-line supervisors/managers of						
Computer, automated teller, and office machine repairers 18.23 11.6 727 11.5 37,794 11.5 Radio and telecommunications equipment installers and repairers 28.66 4.5 1,143 4.5 59,450 4.5 Telecommunications equipment installers and repairers, except line installers and repairers, except line installers and repairers, except line installers, and repairers and repairers, except line installers, and repairers 28.66 4.5 1,143 4.5 59,450 4.5 Miscellaneous electrical and electronic equipment mechanics, installers, and repairers 26.19 6.7 1,057 7.3 54,897 7.3 Electrical and electronics repairers, commercial and industrial equipment Electrical and electronics repairers, commercial and industrial equipment electronics repairers, and repairers 30.72 6.6 1,258 7.6 65,265 7.6 Electrical and electronics repairers, commercial and industrial equipment expowerhouse, substation, and relay 40.61 3.1 1,624 3.1 84,471 3.1 Aircraft mechanics and service technicians and repairers 22.79 6.4 899 6.3 46,742 6.3 Automotive service technicians and mechanics <		37.96	3.5	1,527	3.3	79,402	3.3
machine repairers 18.23 11.6 727 11.5 37,794 11.5 Radio and telecommunications equipment installers and repairers equipment installers and repairers, except line installers and repairers, except line installers. 28.66 4.5 1,143 4.5 59,450 4.5 Miscellaneous electrical and electronic equipment mechanics, installers, and repairers. 28.66 4.5 1,143 4.5 59,450 4.5 Miscellaneous electrical and electronic equipment mechanics, installers, and repairers. 26.19 6.7 1,057 7.3 54,897 7.3 Electrical and electronics repairers, commercial and industrial equipment Electrical and electronics repairers, powerhouse, substation, and relay. 40.61 3.1 1,624 3.1 84,471 3.1 Aircraft mechanics and service technicians. 29.93 6.0 1,148 8.8 59,700 8.8 Automotive body and related repairers. 22.79 6.4 899 6.3 46,742 6.3 Automotive service technicians and mechanics 22.63 7.5 890 7.3 46,286 7.3 Bus and truck mechanics and mechanics exece				,		ĺ	
Radio and telecommunications equipment installers and repairers 28.66 4.5 1,143 4.5 59,450 4.5 Telecommunications equipment installers and repairers, except line installers and repairers, except line installers. 28.66 4.5 1,143 4.5 59,450 4.5 Miscellaneous electrical and electronic equipment mechanics, installers, and repairers. 26.19 6.7 1,057 7.3 54,897 7.3 Electrical and electronics repairers, commercial and industrial equipment Electrical and electronics repairers, powerhouse, substation, and relay. 40.61 3.1 1,624 3.1 84,471 3.1 Aircraft mechanics and service technicians. 29.93 6.0 1,148 8.8 59,700 8.8 Automotive technicians and repairers. 22.79 6.4 899 6.3 46,742 6.3 Automotive body and related repairers. 23.69 5.3 947 5.3 49,268 5.3 Bus and truck mechanics and diesel engine specialists. 22.63 7.5 890 7.3 46,286 7.3 Heavy vehicle and mobile equipment mechanics, except engines. 25.77<		18.23	11.6	727	11.5	37.794	11.5
installers and repairers		10.20	11.0		11.0	07,72	11.0
Telecommunications equipment installers and repairers, except line installers 28.66 4.5 1,143 4.5 59,450 4.5 Miscellaneous electrical and electronic equipment mechanics, installers, and repairers	installers and renairers	28 66	4.5	1 143	4.5	59.450	4.5
Automotive body and related repairers		20.00	4.5	1,173	4.5	37,430	7.5
Miscellaneous electrical and electronic equipment mechanics, installers, and repairers 26.19 6.7 1,057 7.3 54,897 7.3 Electrical and electronics repairers, commercial and industrial equipment powerhouse, substation, and relay 30.72 6.6 1,258 7.6 65,265 7.6 Electrical and electronics repairers, commercial and electronics repairers, powerhouse, substation, and relay 40.61 3.1 1,624 3.1 84,471 3.1 Aircraft mechanics and service technicians 29.93 6.0 1,148 8.8 59,700 8.8 Automotive body and related repairers 22.79 6.4 899 6.3 46,742 6.3 Automotive service technicians and mechanics 23.69 5.3 947 5.3 49,268 5.3 Bus and truck mechanics and diesel engine specialists 26.79 3.3 1,071 3.3 55,713 3.3 Heavy vehicle and mobile equipment service technicians and mechanics 25.77 4.6 1,031 4.6 53,598 4.6 Mobile heavy equipment mechanics, except engines 25.87 5.1 1,035		28 66	15	1 1/12	1.5	50.450	1.5
equipment mechanics, installers, and repairers 26.19 6.7 1,057 7.3 54,897 7.3 Electrical and electronics repairers, commercial and industrial equipment Electrical and electronics repairers, powerhouse, substation, and relay 30.72 6.6 1,258 7.6 65,265 7.6 Electrical and electronics repairers, powerhouse, substation, and relay 40.61 3.1 1,624 3.1 84,471 3.1 Aircraft mechanics and service technicians 29.93 6.0 1,148 8.8 59,700 8.8 Automotive body and related repairers 22.79 6.4 899 6.3 46,742 6.3 Automotive service technicians and mechanics 23.69 5.3 947 5.3 49,268 5.3 Bus and truck mechanics and diesel engine specialists 22.63 7.5 890 7.3 46,286 7.3 Heavy vehicle and mobile equipment mechanics, except engines 25.77 4.6 1,031 4.6 53,598 4.6 Miscellaneous vehicle and mobile equipment mechanic, installers, and repairers 25.87 5.1 1,035 5.1		28.00	4.5	1,143	4.5	39,430	4.5
Tepairers 26.19 6.7 1,057 7.3 54,897 7.3							
Electrical and electronics repairers, commercial and industrial equipment Electrical and electronics repairers, powerhouse, substation, and relay		26 10	67	1.057	7.2	54.907	7.2
commercial and industrial equipment 30.72 6.6 1,258 7.6 65,265 7.6 Electrical and electronics repairers, powerhouse, substation, and relay 40.61 3.1 1,624 3.1 84,471 3.1 Aircraft mechanics and service technicians and service technicians and repairers 29.93 6.0 1,148 8.8 59,700 8.8 Automotive technicians and repairers 22.79 6.4 899 6.3 46,742 6.3 Automotive service technicians and mechanics 23.69 5.3 947 5.3 49,268 5.3 Bus and truck mechanics and diesel engine specialists 26.79 3.3 1,071 3.3 55,713 3.3 Heavy vehicle and mobile equipment service technicians and mechanics 25.77 4.6 1,031 4.6 53,598 4.6 Mobile heavy equipment mechanics, except engines 25.87 5.1 1,035 5.1 53,815 5.1 Miscellaneous vehicle and mobile equipment mechanic, installers, and repairers 13.84 5.2 553 5.2		26.19	0.7	1,057	7.3	54,897	7.3
Electrical and electronics repairers, powerhouse, substation, and relay		20.72		1.250	7.6	(5.265	7.6
Description Proposition Proposition		30.72	6.6	1,258	7.6	65,265	7.6
Aircraft mechanics and service technicians 29.93 6.0 1,148 8.8 59,700 8.8 Automotive technicians and repairers		10.51		1.51		0.4.54	
Automotive technicians and repairers 22.79 6.4 899 6.3 46,742 6.3 Automotive body and related repairers 23.69 5.3 947 5.3 49,268 5.3 Automotive service technicians and mechanics 22.63 7.5 890 7.3 46,286 7.3 Bus and truck mechanics and diesel engine specialists 26.79 3.3 1,071 3.3 55,713 3.3 Heavy vehicle and mobile equipment service technicians and mechanics 25.77 4.6 1,031 4.6 53,598 4.6 Mobile heavy equipment mechanics, except engines 25.87 5.1 1,035 5.1 53,815 5.1 Miscellaneous vehicle and mobile equipment mechanic, installers, and repairers 13.84 5.2 553 5.2 28,779 5.2 Heating, air conditioning, and refrigeration 13.84 5.2 553 5.2 28,779 5.2	·						
Automotive body and related repairers 23.69 5.3 947 5.3 49,268 5.3 Automotive service technicians and mechanics							
Automotive service technicians and mechanics							
mechanics 22.63 7.5 890 7.3 46,286 7.3 Bus and truck mechanics and diesel engine specialists 26.79 3.3 1,071 3.3 55,713 3.3 Heavy vehicle and mobile equipment service technicians and mechanics 25.77 4.6 1,031 4.6 53,598 4.6 Mobile heavy equipment mechanics, except engines 25.87 5.1 1,035 5.1 53,815 5.1 Miscellaneous vehicle and mobile equipment mechanic, installers, and repairers 13.84 5.2 553 5.2 28,779 5.2 Heating, air conditioning, and refrigeration 13.84 5.2 553 5.2 28,779 5.2		23.69	5.3	947	5.3	49,268	5.3
Bus and truck mechanics and diesel engine specialists							
specialists 26.79 3.3 1,071 3.3 55,713 3.3 Heavy vehicle and mobile equipment service technicians and mechanics 25.77 4.6 1,031 4.6 53,598 4.6 Mobile heavy equipment mechanics, except engines 25.87 5.1 1,035 5.1 53,815 5.1 Miscellaneous vehicle and mobile equipment mechanic, installers, and repairers 13.84 5.2 553 5.2 28,779 5.2 Heating, air conditioning, and refrigeration 13.84 5.2 553 5.2 28,779 5.2		22.63	7.5	890	7.3	46,286	7.3
Heavy vehicle and mobile equipment service technicians and mechanics	Bus and truck mechanics and diesel engine						
technicians and mechanics 25.77 4.6 1,031 4.6 53,598 4.6 Mobile heavy equipment mechanics, except engines 25.87 5.1 1,035 5.1 53,815 5.1 Miscellaneous vehicle and mobile equipment mechanic, installers, and repairers 13.84 5.2 553 5.2 28,779 5.2 Heating, air conditioning, and refrigeration 13.84 5.2 553 5.2 28,779 5.2	specialists	26.79	3.3	1,071	3.3	55,713	3.3
Mobile heavy equipment mechanics, except engines	Heavy vehicle and mobile equipment service						
except engines	technicians and mechanics	25.77	4.6	1,031	4.6	53,598	4.6
except engines	Mobile heavy equipment mechanics,						
Miscellaneous vehicle and mobile equipment mechanic, installers, and repairers		25.87	5.1	1,035	5.1	53.815	5.1
mechanic, installers, and repairers				_,,,,,		,	
Heating, air conditioning, and refrigeration		13 84	5.2	553	5.2	28 779	5.2
		15.01	3.2		3.2	20,779	3.2
	mechanics and installers	31.82	7.1	1,314	7.4	67,904	7.4
Industrial machinery installation, repair, and		31.02	/.1	1,514	/ · -	07,504	'.4
		22.67	2 2	002	2.5	46 024	2.5
Industrial machinery mechanics	moustral machinery mechanics	47.13	3.3	1,004	3.2	30,333	3.2

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

Installation, maintenance, and repair occupations - Continued		Hourly ea	rnings ³	Weekly earnings ⁵		Annual earnings ⁶	
occupations – Continued \$20.81 4.2% \$825 4.5% \$42,900 4.5% Maintenance and repair workers, general 19.89 9.5 795 9.5 41,362 9.5 Line installers and repairers 30.74 6.8 1,229 6.8 63,932 6.8 Electrical power-line installers and repairers 28.64 5.7 1,545 5.7 80,363 5.7 Telecommunications line installers and repairers 27.08 10.8 1,083 10.8 56,325 10.8 Precision instrument and equipment repairers 22.72 8.1 909 8.1 47,265 8.1 Miscellaneous installation, maintenance, and repair workers 22.72 8.1 909 8.1 47,265 8.1 Miscellaneous installation, maintenance, and repair workers 22.59 18.1 904 18.1 46,920 18.1 Production occupations 17.07 1.8 676 1.7 34,936 1.7 First-line supervisors/managers of production and operating workers 26.81 4.2	Occupation ²	Mean		Mean		Mean	
occupations – Continued \$20.81 4.2% \$825 4.5% \$42,900 4.5% Maintenance and repair workers, general 19.89 9.5 795 9.5 41,362 9.5 Line installers and repairers 30.74 6.8 1,229 6.8 63,932 6.8 Electrical power-line installers and repairers 22.70 10.8 1,083 10.8 56,325 10.8 Precision instrument and equipment repairers 27.08 10.8 1,083 10.8 56,325 10.8 Precision instrument and equipment repairers 22.72 8.1 909 8.1 47,265 8.1 Miscellaneous installation, maintenance, and repair workers 22.79 18.1 904 18.1 46,920 18.1 Production occupations 17.07 1.8 676 1.7 34,936 1.7 First-line supervisors/managers of production and operating workers 26.81 4.2 1,070 4.7 55,636 4.7 Electrical, electronics, and electromechanical assemblers 13.40 6.6							
Maintenance and repair workers, general \$20.81 4.2% \$82.5 4.5% \$42,900 4.5% Maintenance workers, machinery 19.89 9.5 795 9.5 41,362 9.5 Line installers and repairers 30.74 6.8 1,229 6.8 63,932 6.8 Electrical power-line installers and repairers 20.81 1.545 5.7 80,363 5.7 Telecommunications line installers and repairers 27.08 10.8 1,083 10.8 56,325 10.8 Precision instrument and equipment repairers 22.72 8.1 909 8.1 47,265 8.1 Miscellaneous installation, maintenance, and repair workers 22.59 18.1 904 18.1 46,920 18.1 Production occupations 17.07 1.8 676 1.7 34,936 1.7 First-line supervisors/managers of production and operating workers 26.81 4.2 1,070 4.7 55,636 4.7 Electrical and electronic equipment assemblers and electronic equipment assemblers 13.40 6.6<							
Maintenance workers, machinery							
Line installers and repairers							
Electrical power-line installers and repairers							
Telecommunications line installers and repairers		30.74	6.8	1,229	6.8	63,932	6.8
Telecommunications line installers and repairers							
Precision instrument and equipment repairers		38.64	5.7	1,545	5.7	80,363	5.7
Precision instrument and equipment repairers	Telecommunications line installers and						
Production occupations 22.72 8.1 909 8.1 47,265 8.1		27.08	10.8	1,083	10.8	56,325	10.8
Miscellaneous installation, maintenance, and repair workers 22.59 18.1 904 18.1 46,920 18.1 Production occupations 17.07 1.8 676 1.7 34,936 1.7 First-line supervisors/managers of production and operating workers 26.81 4.2 1,070 4.7 55,636 4.7 Electrical, electronics, and electromechanical assemblers 13.40 6.6 532 7.2 27,659 7.2 Electrical and electronic equipment assemblers 12.38 7.3 489 8.2 25,421 8.2 Electromechanical equipment assemblers 14.34 15.8 573 15.8 29,822 15.8 Miscellaneous assemblers and fabricators 14.40 3.7 568 3.8 29,544 3.8 Team assemblers 11.14 9.5 446 9.5 23,177 9.5 Bakers 12.08 5.1 475 5.4 24,696 5.4 Butchers and other meat, poultry, and fish processing workers 15.79 8.7 695 8.9	Precision instrument and equipment						
repair workers 22.59 18.1 904 18.1 46,920 18.1 Production occupations 17.07 1.8 676 1.7 34,936 1.7 First-line supervisors/managers of production and operating workers 26.81 4.2 1,070 4.7 55,636 4.7 Electrical, electronics, and electromechanical assemblers 13.40 6.6 532 7.2 27,659 7.2 Electrical and electronic equipment assemblers 12.38 7.3 489 8.2 25,421 8.2 Electromechanical equipment assemblers 14.34 15.8 573 15.8 29,822 15.8 Miscellaneous assemblers and fabricators 14.40 3.7 568 3.8 29,544 3.8 Team assemblers 11.14 9.5 446 9.5 23,177 9.5 Bakers 12.08 5.1 475 5.4 24,696 5.4 Butchers and other meat, poultry, and fish processing workers 16.22 9.3 615 10.1 31,995 10.1 <td>repairers</td> <td>22.72</td> <td>8.1</td> <td>909</td> <td>8.1</td> <td>47,265</td> <td>8.1</td>	repairers	22.72	8.1	909	8.1	47,265	8.1
Production occupations 17.07 1.8 676 1.7 34,936 1.7 First-line supervisors/managers of production and operating workers 26.81 4.2 1,070 4.7 55,636 4.7 Electrical, electronics, and electromechanical assemblers 13.40 6.6 532 7.2 27,659 7.2 Electrical and electronic equipment assemblers 12.38 7.3 489 8.2 25,421 8.2 Electromechanical equipment assemblers 14.34 15.8 573 15.8 29,822 15.8 Miscellaneous assemblers and fabricators 14.40 3.7 568 3.8 29,544 3.8 Team assemblers 11.14 9.5 446 9.5 23,177 9.5 Bakers 12.08 5.1 475 5.4 24,696 5.4 Butchers and other meat, poultry, and fish processing workers 16.22 9.3 615 10.1 31,995 10.1 Butchers and meat cutters 17.70 8.7 695 8.9 36,152 <td< td=""><td>Miscellaneous installation, maintenance, and</td><td></td><td></td><td></td><td></td><td></td><td></td></td<>	Miscellaneous installation, maintenance, and						
First-line supervisors/managers of production and operating workers	repair workers	22.59	18.1	904	18.1	46,920	18.1
First-line supervisors/managers of production and operating workers							
Description and operating workers 26.81 4.2 1,070 4.7 55,636 4.7	Production occupations	17.07	1.8	676	1.7	34,936	1.7
Electrical, electronics, and electromechanical assemblers 13.40 6.6 532 7.2 27,659 7.2	First-line supervisors/managers of						
Electrical, electronics, and electromechanical assemblers 13.40 6.6 532 7.2 27,659 7.2	production and operating workers	26.81	4.2	1,070	4.7	55,636	4.7
Electrical and electronic equipment assemblers 12.38 7.3 489 8.2 25,421 8.2 Electromechanical equipment assemblers 14.34 15.8 573 15.8 29,822 15.8 Miscellaneous assemblers and fabricators 14.40 3.7 568 3.8 29,544 3.8 Team assemblers 11.14 9.5 446 9.5 23,177 9.5 Bakers 12.08 5.1 475 5.4 24,696 5.4 Butchers and other meat, poultry, and fish processing workers 16.22 9.3 615 10.1 31,995 10.1 Butchers and meat cutters 17.70 8.7 695 8.9 36,152 8.9 Miscellaneous food processing workers 13.03 5.9 519 5.8 27,003 5.8 Food batchmakers 14.21 6.9 564 6.6 29,348 6.6 Food cooking machine operators and tenders 10.07 2.8 403 2.8 20,939 2.8 Computer control programmers and operators 21.03 6.5 841 6.5 43,739 6.5 Computer-controlled machine tool operators, metal and plastic 20.42 8.2 817 8.2 42,467 8.2 Forming machine setters, operators, and tenders, metal and plastic 15.79 19.9 631 19.9 32,836 19.9 Machine tool cutting setters, operators, and tenders, metal and plastic 15.26 7.9 610 7.9 31,741 7.9 Cutting, punching, and press machine setters, operators, and tenders, metal enders, metal enders e							
Electrical and electronic equipment assemblers 12.38 7.3 489 8.2 25,421 8.2	assemblers	13.40	6.6	532	7.2	27,659	7.2
12.38 7.3 489 8.2 25,421 8.2 Electromechanical equipment assemblers 14.34 15.8 573 15.8 29,822 15.8 Miscellaneous assemblers and fabricators 14.40 3.7 568 3.8 29,544 3.8 Team assemblers 11.14 9.5 446 9.5 23,177 9.5 Bakers 12.08 5.1 475 5.4 24,696 5.4 Butchers and other meat, poultry, and fish processing workers 16.22 9.3 615 10.1 31,995 10.1 Butchers and meat cutters 17.70 8.7 695 8.9 36,152 8.9 Miscellaneous food processing workers 13.03 5.9 519 5.8 27,003 5.8 Food batchmakers 14.21 6.9 564 6.6 29,348 6.6 Food cooking machine operators and tenders 10.07 2.8 403 2.8 20,939 2.8 Computer control programmers and operators 21.03 6.5 841 6.5 43,739 6.5 Computer-controlled machine tool operators, metal and plastic 20.42 8.2 817 8.2 42,467 8.2 Forming machine setters, operators, and tenders, metal and plastic 15.79 19.9 631 19.9 32,836 19.9 Machine tool cutting setters, operators, and tenders, metal and plastic 15.26 7.9 610 7.9 31,741 7.9 Cutting, punching, and press machine setters, operators, and tenders, metal enders, ender enders enders enders enders enders enders enders enders e						,	
Electromechanical equipment assemblers 14.34 15.8 573 15.8 29,822 15.8		12.38	7.3	489	8.2	25,421	8.2
Miscellaneous assemblers and fabricators 14.40 3.7 568 3.8 29,544 3.8 Team assemblers 11.14 9.5 446 9.5 23,177 9.5 Bakers 12.08 5.1 475 5.4 24,696 5.4 Butchers and other meat, poultry, and fish processing workers 16.22 9.3 615 10.1 31,995 10.1 Butchers and meat cutters 17.70 8.7 695 8.9 36,152 8.9 Miscellaneous food processing workers 13.03 5.9 519 5.8 27,003 5.8 Food batchmakers 14.21 6.9 564 6.6 29,348 6.6 Food cooking machine operators and tenders 10.07 2.8 403 2.8 20,939 2.8 Computer control programmers and operators 21.03 6.5 841 6.5 43,739 6.5 Computer-controlled machine tool operators, metal and plastic 20.42 8.2 817 8.2 42,467 8.2 Forming machine setters, operators, and tenders, metal and plastic 15.79 19.9 631 </td <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td>							
Team assemblers 11.14 9.5 446 9.5 23,177 9.5 Bakers 12.08 5.1 475 5.4 24,696 5.4 Butchers and other meat, poultry, and fish processing workers 16.22 9.3 615 10.1 31,995 10.1 Butchers and meat cutters 17.70 8.7 695 8.9 36,152 8.9 Miscellaneous food processing workers 13.03 5.9 519 5.8 27,003 5.8 Food batchmakers 14.21 6.9 564 6.6 29,348 6.6 Food cooking machine operators and tenders 10.07 2.8 403 2.8 20,939 2.8 Computer control programmers and operators 21.03 6.5 841 6.5 43,739 6.5 Computer-controlled machine tool operators, metal and plastic 20.42 8.2 817 8.2 42,467 8.2 Forming machine setters, operators, and tenders, metal and plastic 15.79 19.9 631 19.9 32,836 19.9 Machine tool cutting setters, operators, and tenders, operators, and tenders, operators, and tender							
Bakers 12.08 5.1 475 5.4 24,696 5.4 Butchers and other meat, poultry, and fish processing workers 16.22 9.3 615 10.1 31,995 10.1 Butchers and meat cutters 17.70 8.7 695 8.9 36,152 8.9 Miscellaneous food processing workers 13.03 5.9 519 5.8 27,003 5.8 Food batchmakers 14.21 6.9 564 6.6 29,348 6.6 Food cooking machine operators and tenders 10.07 2.8 403 2.8 20,939 2.8 Computer control programmers and operators 21.03 6.5 841 6.5 43,739 6.5 Computer-controlled machine tool operators, metal and plastic 20.42 8.2 817 8.2 42,467 8.2 Forming machine setters, operators, and tenders, metal and plastic 15.79 19.9 631 19.9 32,836 19.9 Machine tool cutting setters, operators, and tenders, metal and plastic 15.26 7.9 610							
Butchers and other meat, poultry, and fish processing workers							
processing workers 16.22 9.3 615 10.1 31,995 10.1 Butchers and meat cutters 17.70 8.7 695 8.9 36,152 8.9 Miscellaneous food processing workers 13.03 5.9 519 5.8 27,003 5.8 Food batchmakers 14.21 6.9 564 6.6 29,348 6.6 Food cooking machine operators and tenders 10.07 2.8 403 2.8 20,939 2.8 Computer control programmers and operators 21.03 6.5 841 6.5 43,739 6.5 Computer-controlled machine tool operators, metal and plastic 20.42 8.2 817 8.2 42,467 8.2 Forming machine setters, operators, and tenders, metal and plastic 15.79 19.9 631 19.9 32,836 19.9 Machine tool cutting setters, operators, and tenders, metal and plastic 15.26 7.9 610 7.9 31,741 7.9		12.00	0.1	.,.	0	2.,0>0	
Butchers and meat cutters 17.70 8.7 695 8.9 36,152 8.9 Miscellaneous food processing workers 13.03 5.9 519 5.8 27,003 5.8 Food batchmakers 14.21 6.9 564 6.6 29,348 6.6 Food cooking machine operators and tenders 10.07 2.8 403 2.8 20,939 2.8 Computer control programmers and operators 21.03 6.5 841 6.5 43,739 6.5 Computer-controlled machine tool operators, metal and plastic 20.42 8.2 817 8.2 42,467 8.2 Forming machine setters, operators, and tenders, metal and plastic 15.79 19.9 631 19.9 32,836 19.9 Machine tool cutting setters, operators, and tenders, metal and plastic 15.26 7.9 610 7.9 31,741 7.9 Cutting, punching, and press machine setters, operators, and tenders, metal 15.26 7.9 610 7.9 31,741 7.9		16.22	93	615	10.1	31 995	10.1
Miscellaneous food processing workers 13.03 5.9 519 5.8 27,003 5.8 Food batchmakers 14.21 6.9 564 6.6 29,348 6.6 Food cooking machine operators and tenders 10.07 2.8 403 2.8 20,939 2.8 Computer control programmers and operators 21.03 6.5 841 6.5 43,739 6.5 Computer-controlled machine tool operators, metal and plastic 20.42 8.2 817 8.2 42,467 8.2 Forming machine setters, operators, and tenders, metal and plastic 15.79 19.9 631 19.9 32,836 19.9 Machine tool cutting setters, operators, and tenders, metal and plastic 15.26 7.9 610 7.9 31,741 7.9 Cutting, punching, and press machine setters, operators, and tenders, metal 15.26 7.9 610 7.9 31,741 7.9							
Food batchmakers							
Food cooking machine operators and tenders							
tenders		11.21	0.5	301	0.0	25,510	0.0
Computer control programmers and operators		10.07	2.8	403	2.8	20 939	2.8
operators		10.07	2.0	403	2.0	20,737	2.0
Computer-controlled machine tool operators, metal and plastic		21.03	6.5	8/11	6.5	13 730	6.5
operators, metal and plastic		21.03	0.5	041	0.5	43,739	0.5
Forming machine setters, operators, and tenders, metal and plastic		20.42	82	Q17	82	12 167	82
tenders, metal and plastic		20.42	0.2	617	0.2	42,407	0.2
Machine tool cutting setters, operators, and tenders, metal and plastic		15.70	10.0	621	10.0	22 926	10.0
tenders, metal and plastic		13.79	19.9	031	19.9	32,630	19.9
Cutting, punching, and press machine setters, operators, and tenders, metal		15.26	7.0	610	7.0	21 741	7.0
setters, operators, and tenders, metal		15.26	1.9	010	1.9	31,/41	1.9
and prastic 18.22 9.2 729 9.2 37,889 9.2		10.00	0.2	720	0.2	27.000	0.2
	and plastic	18.22	9.2	129	9.2	37,889	9.2

$Full-time {\small 1}\ civilian\ workers:\ Relative\ standard\ errors$ of mean hourly, weekly, and annual earnings — Continued

	Hourly earnings ³		Weekly earnings ⁵		Annual earnings ⁶	
Occupation ²	Mean	Relative error ⁴	Mean	Relative error ⁴	Mean	Relative error ⁴
roduction occupations –Continued						
Grinding, lapping, polishing, and buffing						
machine tool setters, operators, and						
tenders, metal and plastic	\$12.37	5.4%	\$495	5.4%	\$25,720	5.4%
Lathe and turning machine tool setters,						
operators, and tenders, metal and						
plastic	13.66	7.0	546	7.0	28,415	7.0
Machinists	24.82	3.5	993	3.5	51,622	3.5
Molders and molding machine setters,						
operators, and tenders, metal and plastic	14.95	5.1	598	5.1	31,106	5.1
Multiple machine tool setters, operators, and						
tenders, metal and plastic	12.66	4.3	507	4.3	26,340	4.3
Tool and die makers	24.23	4.4	969	4.4	50,396	4.4
Welding, soldering, and brazing workers	20.44	5.4	818	5.4	42,520	5.4
Welders, cutters, solderers, and brazers	20.83	5.8	833	5.8	43,327	5.8
Welding, soldering, and brazing machine						
setters, operators, and tenders	18.30	14.2	732	14.2	38,057	14.2
Miscellaneous metalworkers and plastic						
workers	17.78	9.4	711	9.4	36,984	9.4
Bookbinders and bindery workers	14.12	15.8	507	17.8	26,346	17.8
Bindery workers	14.12	15.8	507	17.8	26,346	17.8
Printers	18.13	7.4	725	7.4	37,680	7.4
Job printers	17.36	13.9	694	13.9	36,099	13.9
Prepress technicians and workers	23.88	6.4	955	6.4	49,677	6.4
Printing machine operators	16.76	7.6	670	7.6	34,835	7.6
Laundry and dry-cleaning workers	12.39	14.5	486	14.7	25,277	14.7
Sewing machine operators	9.65	5.9	386	5.9	20,067	5.9
Tailors, dressmakers, and sewers	14.15	18.2	550	16.3	28,618	16.3
Tailors, dressmakers, and custom sewers	14.15	18.2	550	16.3	28,618	16.3
Textile machine setters, operators, and						
tenders	10.08	7.0	394	6.4	20,497	6.4
Miscellaneous textile, apparel, and						
furnishings workers	15.75	19.4	630	19.4	32,767	19.4
Cabinetmakers and bench carpenters	14.90	6.9	596	6.9	30,995	6.9
Woodworking machine setters, operators,						
and tenders	13.58	11.8	537	11.9	27,832	11.9
Sawing machine setters, operators, and					•	
tenders, wood	14.33	12.6	560	13.3	28,997	13.3
Woodworking machine setters, operators,						
and tenders, except sawing	12.77	12.5	511	12.5	26,561	12.5
Stationary engineers and boiler operators	30.74	5.8	1,223	5.5	62,527	5.5
Water and liquid waste treatment plant and			, -		,	
system operators	25.99	13.4	1,040	13.4	54,059	13.4
5 y 5 tC111 O DC1 atO15		7.6	1,136	16.2	57,301	16.2

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 processing machine setters,
Mean Kelative error Mean Relative error Mean error Production occupations - Continued
operators, and tenders
Separating, filtering, clarifying,
precipitating, and still machine setters,
operators, and tenders
Crushing, grinding, polishing, mixing, and
blending workers
Mixing and blending machine setters,
operators, and tenders
Cutting workers
Cutting and slicing machine setters,
operators, and tenders
Inspectors, testers, sorters, samplers, and
weighers
Packaging and filling machine operators and
tenders
Painting workers
Coating, painting, and spraying machine
setters, operators, and tenders
Painters, transportation equipment
Semiconductor processors
Miscellaneous production workers
Paper goods machine setters, operators,
and tenders
Helpersproduction workers
Transportation and material moving
occupations 17.21 2.4 683 2.4 35,189 2.4
First-line supervisors/managers of helpers,
laborers, and material movers, hand 22.41 8.6 896 8.6 46,614 8.6
First-line supervisors/managers of
transportation and material-moving machine and vehicle operators
Aircraft pilots and flight engineers
Bus drivers 20.50 3.2 791 4.2 37,317 4.2 Bus drivers, transit and intercity 21.68 3.3 850 4.6 43,851 4.6
Bus drivers, transit and intercity
Driver/sales workers and truck drivers
Driver/sales workers
Truck drivers, heavy and tractor-trailer 20.92 2.0 852 3.6 44,151 3.6
Truck drivers, light or delivery services 19.00 6.1 753 6.0 39,010 6.0
17.00 0.1 7.55 0.0 57,010 0.0

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

Occupation ²	Hourly ea	rnings 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	Ф0.12	6.000	02.47	7.10	Ø10.064	7.10
Taxi drivers and chauffeurs	\$9.12 9.54	6.8% 7.3	\$347 382	7.1% 7.3	\$18,064	7.1%
Parking lot attendants	9.34 16.17	19.3	582 621	21.2	19,841 32,298	21.2
Crane and tower operators	34.49	8.1	1,379	8.1	71,734	8.1
Dredge, excavating, and loading machine	34.47	0.1	1,377	0.1	/1,/54	0.1
operators	22.78	6.9	911	6.9	47,379	6.9
Excavating and loading machine and						
dragline operators	22.36	6.4	895	6.4	46,516	6.4
Industrial truck and tractor operators	15.71	3.3	627	3.3	32,499	3.3
Laborers and material movers, hand	12.59	3.1	500	3.0	25,750	3.0
Cleaners of vehicles and equipment	12.91	4.1	515	4.0	26,553	4.0
Laborers and freight, stock, and material						
movers, hand	13.24	3.6	527	3.6	27,114	3.6
Machine feeders and offbearers	9.87	4.9	394	5.0	20,472	5.0
Packers and packagers, hand	11.07	6.9	436	6.7	22,396	6.7

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.

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.

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/opub/hom/homch8_a.htm.

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.