

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	\$18.39	3.6%	\$732	3.5%	\$37,242	3.5%
Management occupations	39.31	4.2	1,605	4.5	83,076	4.5
General and operations managers	42.75	8.3	1,918	8.3	99,682	8.3
Marketing and sales managers	35.23	16.9	1,399	19.7	72,689	19.7
Marketing managers	42.77	15.8	1,792	18.0	93,054	18.0
Sales managers	29.43	25.5	1,123	28.2	58,405	28.2
Computer and information systems managers	45.74	5.1	1,827	5.2	94,978	5.2
Financial managers	39.40	10.8	1,638	11.4	84,836	11.4
Human resources managers	44.19	17.9	1,769	17.9	91,970	17.9
Industrial production managers	43.86	4.8	1,759	4.9	91,409	4.9
Transportation, storage, and distribution managers	38.10	18.5	1,634	20.3	84,625	20.3
Construction managers	32.22	5.7	1,338	6.6	69,590	6.6
Education administrators	33.54	7.9	1,311	7.6	65,346	7.6
Education administrators, elementary and secondary school	40.74	5.7	1,594	4.6	76,230	4.6
Education administrators, postsecondary ..	31.67	7.3	1,226	6.0	63,517	6.0
Engineering managers	58.33	10.1	2,354	9.6	122,352	9.6
Lodging managers	20.43	9.2	821	8.8	42,698	8.8
Medical and health services managers	31.58	16.2	1,258	16.6	65,391	16.6
Social and community service managers	25.12	23.6	990	22.6	51,500	22.6
Business and financial operations occupations	26.82	3.7	1,080	3.7	56,172	3.7
Buyers and purchasing agents	25.31	8.4	1,016	8.5	52,852	8.5
Purchasing agents, except wholesale, retail, and farm products	23.64	4.3	946	4.3	49,170	4.3
Claims adjusters, appraisers, examiners, and investigators	29.81	16.6	1,166	16.3	60,644	16.3
Claims adjusters, examiners, and investigators	30.12	18.4	1,175	18.1	61,088	18.1
Cost estimators	22.84	7.4	943	7.2	49,034	7.2
Human resources, training, and labor relations specialists	23.69	5.1	959	5.1	49,810	5.1
Employment, recruitment, and placement specialists	23.62	7.5	954	8.9	49,599	8.9
Training and development specialists	22.33	7.1	890	7.3	46,120	7.3
Management analysts	34.37	14.4	1,365	13.9	70,995	13.9
Accountants and auditors	22.63	9.5	901	9.5	46,846	9.5
Budget analysts	31.10	9.8	1,209	9.9	62,860	9.9
Credit analysts	30.18	25.9	1,207	25.9	62,784	25.9
Financial analysts and advisors	28.95	6.4	1,168	7.9	60,745	7.9
Financial analysts	27.27	5.9	1,083	5.8	56,330	5.8

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
Business and financial operations occupations –Continued						
Insurance underwriters	\$25.98	3.6%	\$1,017	3.6%	\$52,865	3.6%
Loan counselors and officers	30.02	13.8	1,201	13.8	62,451	13.8
Loan officers	32.54	13.7	1,302	13.7	67,692	13.7
Computer and mathematical science occupations						
Computer programmers	30.08	7.0	1,208	6.7	62,823	6.7
Computer software engineers	40.48	6.2	1,642	6.7	85,369	6.7
Computer software engineers, applications	37.31	8.6	1,504	9.1	78,198	9.1
Computer software engineers, systems software	46.82	6.7	1,922	8.5	99,950	8.5
Computer support specialists	21.94	6.6	861	6.1	43,804	6.1
Computer systems analysts	31.93	7.4	1,275	7.4	66,312	7.4
Database administrators	34.10	13.0	1,361	13.0	69,716	13.0
Network and computer systems administrators	30.77	6.0	1,247	6.6	64,843	6.6
Network systems and data communications analysts	38.84	3.7	1,585	4.2	82,422	4.2
Architecture and engineering occupations						
Engineers	40.78	8.5	1,643	8.3	83,749	8.3
Aerospace engineers	54.82	13.1	2,193	13.1	114,017	13.1
Civil engineers	28.06	10.4	1,087	9.7	43,335	9.7
Electrical and electronics engineers	34.46	9.0	1,437	7.6	74,745	7.6
Industrial engineers, including health and safety	45.98	19.0	1,849	20.0	96,143	20.0
Industrial engineers	31.66	8.3	1,278	9.2	66,463	9.2
Mechanical engineers	34.27	5.5	1,393	5.6	71,516	5.6
Drafters	19.20	8.9	768	8.9	39,939	8.9
Architectural and civil drafters	18.10	9.2	724	9.2	37,647	9.2
Engineering technicians, except drafters	26.31	5.6	1,046	6.0	54,375	6.0
Electrical and electronic engineering technicians	29.28	5.1	1,171	5.1	60,908	5.1
Life, physical, and social science occupations						
Physical scientists	35.12	17.0	1,444	17.4	75,063	17.4
Chemists and materials scientists	26.70	13.1	1,150	14.7	59,775	14.7
Chemists	26.70	13.1	1,150	14.7	59,775	14.7
Miscellaneous life, physical, and social science technicians	24.62	28.8	980	28.9	50,978	28.9
Community and social services occupations						
	18.73	5.5	739	5.4	37,723	5.4

See footnotes at end of table.

RSE Table 11

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

Occupation ²	Hourly earnings ³		Weekly earnings ⁵		Annual earnings ⁶	
	Mean	Relative error ⁴	Mean	Relative error ⁴	Mean	Relative error ⁴
Community and social services occupations						
–Continued						
Counselors	\$21.54	13.0%	\$871	12.0%	\$42,930	12.0%
Educational, vocational, and school counselors	27.98	19.9	1,076	18.0	49,416	18.0
Social workers	17.68	5.3	696	4.8	35,785	4.8
Child, family, and school social workers ..	18.27	7.8	713	6.6	36,304	6.6
Miscellaneous community and social service specialists	16.98	3.3	653	3.6	33,977	3.6
Probation officers and correctional treatment specialists	16.83	2.7	658	2.5	34,215	2.5
Social and human service assistants	16.33	13.3	641	12.2	33,334	12.2
Legal occupations	32.09	11.4	1,272	11.0	66,151	11.0
Lawyers	47.51	10.5	1,878	10.8	97,665	10.8
Education, training, and library occupations	28.62	7.1	1,095	7.5	43,030	7.5
Postsecondary teachers	43.62	18.3	1,707	19.4	70,454	19.4
Math and computer teachers, postsecondary	37.39	3.8	1,392	4.6	54,534	4.6
Mathematical science teachers, postsecondary	37.84	3.3	1,405	4.4	54,600	4.4
Health teachers, postsecondary	36.40	15.2	1,415	17.6	59,551	17.6
Arts, communications, and humanities teachers, postsecondary	34.01	2.9	1,354	3.2	57,396	3.2
Miscellaneous postsecondary teachers	26.60	15.1	1,015	10.4	46,209	10.4
Vocational education teachers, postsecondary	19.37	25.1	786	13.9	39,150	13.9
Primary, secondary, and special education school teachers	30.67	2.3	1,166	2.6	44,411	2.6
Preschool and kindergarten teachers	26.14	11.6	1,005	12.3	37,387	12.3
Kindergarten teachers, except special education	29.58	6.2	1,148	6.7	42,572	6.7
Elementary and middle school teachers	30.50	2.9	1,159	2.7	43,868	2.7
Elementary school teachers, except special education	30.41	3.0	1,153	2.7	43,744	2.7
Middle school teachers, except special and vocational education	30.73	4.1	1,173	3.8	44,189	3.8
Secondary school teachers	31.64	1.9	1,201	2.5	45,982	2.5
Secondary school teachers, except special and vocational education	31.25	2.3	1,186	3.1	45,452	3.1
Special education teachers	30.41	6.0	1,160	5.7	45,491	5.7
Special education teachers, preschool, kindergarten, and elementary school	31.11	6.6	1,190	5.9	47,176	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
Education, training, and library occupations						
–Continued						
Other teachers and instructors	\$26.23	8.4%	\$1,018	8.4%	\$43,652	8.4%
Library technicians	15.43	10.1	582	9.8	25,898	9.8
Instructional coordinators	36.80	12.2	1,438	11.3	66,345	11.3
Teacher assistants	10.61	4.0	401	3.3	15,220	3.3
Arts, design, entertainment, sports, and media occupations						
Designers	21.39	6.1	852	6.1	44,163	6.1
Graphic designers	17.97	10.0	709	10.5	36,865	10.5
Writers and editors	18.75	11.4	750	11.4	39,008	11.4
Technical writers	24.47	6.1	920	11.0	47,865	11.0
Broadcast and sound engineering technicians and radio operators	26.33	5.0	1,053	5.0	54,777	5.0
23.41	12.9	936	12.9	48,696	12.9	
Healthcare practitioner and technical occupations						
Dietitians and nutritionists	26.22	4.1	1,033	4.1	53,106	4.1
Pharmacists	22.89	7.2	899	8.0	46,725	8.0
Physicians and surgeons	53.48	1.6	2,135	1.6	111,035	1.6
Registered nurses	122.68	19.0	5,014	18.9	260,750	18.9
Therapists	29.41	6.0	1,153	5.8	59,747	5.8
Physical therapists	25.85	12.1	1,012	11.7	50,408	11.7
Respiratory therapists	31.96	6.0	1,263	6.1	65,675	6.1
Clinical laboratory technologists and technicians	23.44	5.5	935	5.5	48,627	5.5
Medical and clinical laboratory technologists	22.38	5.5	881	5.5	45,828	5.5
Medical and clinical laboratory technicians	24.39	5.2	976	5.2	50,735	5.2
Diagnostic related technologists and technicians	19.94	9.1	771	8.7	40,110	8.7
Radiologic technologists and technicians ..	23.08	7.0	922	7.0	47,926	7.0
Health diagnosing and treating practitioner support technicians	22.49	2.8	898	2.8	46,700	2.8
Pharmacy technicians	14.04	5.2	556	5.2	28,911	5.2
Surgical technologists	14.62	7.1	577	7.3	29,983	7.3
Licensed practical and licensed vocational nurses	16.26	5.6	649	5.4	33,741	5.4
Medical records and health information technicians	17.25	2.7	683	2.8	34,097	2.8
Occupational health and safety specialists and technicians	14.76	10.5	590	10.5	30,691	10.5
30.79	4.5	1,228	4.6	63,866	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
Healthcare practitioner and technical occupations –Continued						
Occupational health and safety specialists	\$31.96	5.4%	\$1,272	5.7%	\$66,142	5.7%
Healthcare support occupations	11.21	2.3	442	2.4	22,844	2.4
Nursing, psychiatric, and home health aides	9.81	2.1	385	2.2	19,865	2.2
Nursing aides, orderlies, and attendants	9.73	1.9	381	1.9	19,679	1.9
Miscellaneous healthcare support occupations	12.56	3.6	498	4.0	25,863	4.0
Medical assistants	12.76	7.5	510	7.4	26,505	7.4
Medical equipment preparers	13.21	1.2	526	1.4	27,332	1.4
Medical transcriptionists	12.59	7.1	504	7.1	26,192	7.1
Protective service occupations	14.37	8.1	591	8.8	30,256	8.8
First-line supervisors/managers, law enforcement workers	21.00	8.8	840	8.7	43,692	8.7
First-line supervisors/managers of correctional officers	15.90	11.1	636	11.1	33,083	11.1
First-line supervisors/managers of police and detectives	25.55	7.2	1,022	7.0	53,153	7.0
First-line supervisors/managers of fire fighting and prevention workers	19.83	10.2	1,031	8.3	53,627	8.3
Fire fighters	12.78	8.8	628	12.7	32,646	12.7
Bailiffs, correctional officers, and jailers	12.69	11.1	510	10.9	26,543	10.9
Correctional officers and jailers	12.59	10.8	506	10.6	26,317	10.6
Detectives and criminal investigators	22.33	9.6	935	9.2	48,597	9.2
Police officers	17.95	7.3	728	7.0	37,839	7.0
Police and sheriff's patrol officers	17.95	7.3	728	7.0	37,839	7.0
Security guards and gaming surveillance officers	10.70	9.2	427	9.1	22,132	9.1
Security guards	10.43	9.3	416	9.2	21,560	9.2
Miscellaneous protective service workers	10.25	2.3	410	2.3	11,280	2.3
Food preparation and serving related occupations	8.36	5.2	324	4.8	16,080	4.8
First-line supervisors/managers, food preparation and serving workers	12.87	8.5	544	10.2	25,914	10.2
First-line supervisors/managers of food preparation and serving workers	12.71	9.3	538	11.2	25,558	11.2
Cooks	9.74	5.6	374	6.2	18,379	6.2
Cooks, fast food	7.55	3.1	272	4.9	14,121	4.9
Cooks, institution and cafeteria	10.11	7.2	384	6.3	17,579	6.3
Cooks, restaurant	11.13	9.1	430	11.9	22,339	11.9
Food preparation workers	9.96	9.4	348	7.7	14,960	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
Food preparation and serving related occupations –Continued						
Food service, tipped	\$5.24	17.7%	\$204	19.3%	\$10,611	19.3%
Waiters and waitresses	4.85	22.7	189	24.4	9,838	24.4
Dining room and cafeteria attendants and bartender helpers	7.46	11.3	283	9.8	14,375	9.8
Fast food and counter workers	8.38	4.1	310	4.4	14,921	4.4
Combined food preparation and serving workers, including fast food	8.13	4.3	309	4.8	15,392	4.8
Counter attendants, cafeteria, food concession, and coffee shop	9.93	8.6	314	10.6	12,910	10.6
Dishwashers	8.72	3.0	348	3.1	18,095	3.1
Building and grounds cleaning and maintenance occupations						
First-line supervisors/managers, building and grounds cleaning and maintenance workers	10.42	3.8	414	3.8	21,438	3.8
First-line supervisors/managers of housekeeping and janitorial workers ...	15.87	5.7	638	6.1	33,107	6.1
First-line supervisors/managers of housekeeping and janitorial workers ...	15.54	5.3	622	5.3	32,295	5.3
Building cleaning workers	9.74	4.0	386	3.7	19,951	3.7
Janitors and cleaners, except maids and housekeeping cleaners	10.58	4.3	419	4.2	21,661	4.2
Maids and housekeeping cleaners	8.50	1.8	336	1.6	17,441	1.6
Grounds maintenance workers	10.34	9.9	412	9.7	21,119	9.7
Landscaping and groundskeeping workers	10.09	10.1	403	10.0	20,640	10.0
Personal care and service occupations						
First-line supervisors/managers of gaming workers	9.02	5.2	359	4.8	18,595	4.8
Gaming services workers	15.23	.8	619	.7	32,176	.7
Gaming dealers	6.71	.0	268	.0	13,947	.0
Child care workers	6.71	.0	268	.0	13,947	.0
Personal and home care aides	8.49	9.9	340	9.9	17,657	9.9
Recreation and fitness workers	8.66	5.7	377	11.3	19,585	11.3
Recreation workers	14.53	12.7	576	12.5	29,968	12.5
Recreation workers	14.53	12.7	576	12.5	29,968	12.5
Sales and related occupations						
First-line supervisors/managers, sales workers	18.29	8.7	737	8.4	38,323	8.4
First-line supervisors/managers of retail sales workers	19.37	6.6	804	6.5	41,800	6.5
First-line supervisors/managers of non-retail sales workers	18.55	7.1	775	7.3	40,316	7.3
First-line supervisors/managers of non-retail sales workers	23.64	20.1	946	20.1	49,172	20.1

See footnotes at end of table.

RSE Table 11

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

Occupation ²	Hourly earnings ³		Weekly earnings ⁵		Annual earnings ⁶	
	Mean	Relative error ⁴	Mean	Relative error ⁴	Mean	Relative error ⁴
Sales and related occupations –Continued						
Retail sales workers	\$11.77	2.4%	\$467	2.3%	\$24,296	2.3%
Cashiers, all workers	10.39	5.7	412	6.3	21,436	6.3
Cashiers	9.59	3.6	380	3.2	19,755	3.2
Counter and rental clerks and parts salespersons	15.58	8.9	623	8.8	32,388	8.8
Counter and rental clerks	10.58	6.4	402	5.8	20,908	5.8
Parts salespersons	16.84	10.8	683	10.5	35,492	10.5
Retail salespersons	12.49	4.1	494	4.2	25,704	4.2
Insurance sales agents	26.74	15.6	1,065	15.6	55,386	15.6
Sales representatives, wholesale and manufacturing	25.64	8.5	1,062	7.0	55,233	7.0
Sales representatives, wholesale and manufacturing, technical and scientific products	27.81	20.8	1,181	16.4	61,388	16.4
Sales representatives, wholesale and manufacturing, except technical and scientific products	24.55	6.0	1,005	5.9	52,257	5.9
Miscellaneous sales and related workers	15.25	20.0	610	20.0	31,724	20.0
Office and administrative support occupations						
First-line supervisors/managers of office and administrative support workers	18.86	4.2	753	5.1	39,180	5.1
Switchboard operators, including answering service	11.23	12.6	449	12.6	23,356	12.6
Financial clerks	13.64	3.9	539	3.6	27,875	3.6
Bill and account collectors	11.42	10.2	452	9.4	23,515	9.4
Billing and posting clerks and machine operators	13.64	5.6	539	5.3	28,048	5.3
Bookkeeping, accounting, and auditing clerks	15.12	3.5	594	3.0	30,626	3.0
Payroll and timekeeping clerks	16.97	3.0	666	2.7	34,231	2.7
Procurement clerks	13.35	12.4	534	12.4	27,775	12.4
Tellers	11.34	2.4	449	2.9	23,338	2.9
Court, municipal, and license clerks	14.53	5.7	579	5.6	30,133	5.6
Customer service representatives	14.63	7.4	585	7.4	30,400	7.4
Eligibility interviewers, government programs	17.82	9.9	708	10.1	36,801	10.1
File clerks	11.61	4.2	464	4.2	24,144	4.2
Hotel, motel, and resort desk clerks	9.42	7.3	377	7.3	19,598	7.3
Interviewers, except eligibility and loan	14.39	8.8	571	8.9	29,680	8.9
Loan interviewers and clerks	14.87	10.1	593	10.1	30,840	10.1
Order clerks	12.82	5.5	511	5.6	26,554	5.6

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
Office and administrative support occupations –Continued						
Human resources assistants, except payroll and timekeeping	\$15.00	7.2%	\$597	7.2%	\$30,668	7.2%
Receptionists and information clerks	12.21	7.3	488	7.2	25,316	7.2
Dispatchers	15.15	6.9	629	8.2	32,299	8.2
Police, fire, and ambulance dispatchers	13.60	10.0	547	10.1	28,453	10.1
Dispatchers, except police, fire, and ambulance	15.81	6.6	665	8.5	33,979	8.5
Meter readers, utilities	15.56	5.7	597	7.2	31,054	7.2
Production, planning, and expediting clerks	15.76	11.5	627	10.6	32,611	10.6
Shipping, receiving, and traffic clerks	12.88	4.6	515	4.6	26,753	4.6
Stock clerks and order fillers	11.48	3.3	455	3.6	23,658	3.6
Secretaries and administrative assistants	16.13	4.9	642	4.9	33,125	4.9
Executive secretaries and administrative assistants	20.35	5.6	813	5.7	42,240	5.7
Legal secretaries	18.11	10.4	716	9.2	37,240	9.2
Medical secretaries	13.75	3.8	548	3.8	28,457	3.8
Secretaries, except legal, medical, and executive	14.07	5.3	559	5.2	28,480	5.2
Computer operators	12.83	6.9	512	6.6	26,625	6.6
Data entry and information processing workers	13.17	8.0	526	7.9	27,339	7.9
Data entry keyers	12.45	6.1	498	6.1	25,895	6.1
Insurance claims and policy processing clerks	16.95	4.5	653	4.4	33,964	4.4
Mail clerks and mail machine operators, except postal service	11.11	8.5	444	8.5	23,108	8.5
Office clerks, general	12.84	3.2	509	3.7	24,687	3.7
Construction and extraction occupations	16.01	3.2	638	3.1	32,957	3.1
First-line supervisors/managers of construction trades and extraction workers	23.23	5.7	934	5.9	48,154	5.9
Carpenters	16.93	10.0	667	10.0	34,709	10.0
Construction laborers	12.75	9.4	510	9.4	26,338	9.4
Construction equipment operators	14.29	5.3	572	5.3	29,478	5.3
Operating engineers and other construction equipment operators	14.72	8.6	589	8.6	30,250	8.6
Electricians	17.69	12.8	708	12.8	36,803	12.8
Painters and paperhangers	14.67	5.6	587	5.6	30,519	5.6
Painters, construction and maintenance	14.67	5.6	587	5.6	30,519	5.6
Pipelayers, plumbers, pipefitters, and steamfitters	20.71	8.5	828	8.5	43,074	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
Construction and extraction occupations						
–Continued						
Plumbers, pipefitters, and steamfitters	\$20.71	8.5%	\$828	8.5%	\$43,074	8.5%
Sheet metal workers	15.35	9.8	614	9.8	31,937	9.8
Structural iron and steel workers	17.99	1.9	720	1.9	37,416	1.9
Helpers, construction trades	12.15	4.8	480	4.7	24,514	4.7
Highway maintenance workers	12.89	7.6	508	6.9	26,400	6.9
Installation, maintenance, and repair occupations						
First-line supervisors/managers of mechanics, installers, and repairers	19.98	5.9	803	5.8	41,686	5.8
Miscellaneous electrical and electronic equipment mechanics, installers, and repairers	19.19	22.8	767	22.8	39,863	22.8
Aircraft mechanics and service technicians ..	34.69	16.7	1,382	16.9	71,884	16.9
Automotive technicians and repairers	19.57	5.7	793	6.0	41,193	6.0
Automotive body and related repairers	19.28	6.4	771	6.4	40,095	6.4
Automotive service technicians and mechanics	19.67	7.7	800	8.0	41,584	8.0
Bus and truck mechanics and diesel engine specialists	18.11	4.1	724	4.1	37,593	4.1
Heavy vehicle and mobile equipment service technicians and mechanics	18.68	3.2	746	3.2	38,788	3.2
Mobile heavy equipment mechanics, except engines	19.23	6.9	766	7.1	39,830	7.1
Control and valve installers and repairers	24.82	9.0	977	10.2	50,818	10.2
Control and valve installers and repairers, except mechanical door	24.82	9.0	977	10.2	50,818	10.2
Heating, air conditioning, and refrigeration mechanics and installers	17.17	4.2	687	4.2	35,391	4.2
Industrial machinery installation, repair, and maintenance workers	19.02	5.9	759	5.9	39,399	5.9
Industrial machinery mechanics	23.53	7.1	941	7.1	48,930	7.1
Maintenance and repair workers, general ..	15.81	3.6	629	3.7	32,554	3.7
Maintenance workers, machinery	17.13	4.1	685	4.1	35,629	4.1
Line installers and repairers	26.27	4.6	1,048	4.7	54,517	4.7
Electrical power-line installers and repairers	27.10	9.5	1,084	9.5	56,371	9.5
Telecommunications line installers and repairers	25.76	5.4	1,027	5.6	53,405	5.6
Miscellaneous installation, maintenance, and repair workers	15.25	8.4	609	8.4	31,445	8.4

See footnotes at end of table.

RSE Table 11

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

Occupation ²	Hourly earnings ³		Weekly earnings ⁵		Annual earnings ⁶	
	Mean	Relative error ⁴	Mean	Relative error ⁴	Mean	Relative error ⁴
Installation, maintenance, and repair occupations –Continued						
Helpers--installation, maintenance, and repair workers	\$12.98	8.0%	\$519	8.0%	\$26,340	8.0%
Production occupations	15.34	3.3	607	3.2	31,531	3.2
First-line supervisors/managers of production and operating workers	22.58	6.0	904	5.7	46,981	5.7
Electrical, electronics, and electromechanical assemblers	12.77	3.4	511	3.4	26,553	3.4
Electrical and electronic equipment assemblers	11.85	3.6	474	3.6	24,638	3.6
Miscellaneous assemblers and fabricators	16.28	9.0	650	9.0	33,790	9.0
Team assemblers	17.47	22.8	699	22.8	36,343	22.8
Butchers and other meat, poultry, and fish processing workers	9.41	14.6	369	14.0	19,168	14.0
Butchers and meat cutters	12.82	2.6	505	3.1	26,266	3.1
Miscellaneous food processing workers	15.31	9.5	589	8.6	30,652	8.6
Food batchmakers	15.53	10.1	595	9.4	30,919	9.4
Computer control programmers and operators	16.60	7.8	671	8.5	34,876	8.5
Forming machine setters, operators, and tenders, metal and plastic	16.09	7.5	643	7.5	33,458	7.5
Extruding and drawing machine setters, operators, and tenders, metal and plastic	13.90	6.2	556	6.2	28,914	6.2
Machine tool cutting setters, operators, and tenders, metal and plastic	15.05	9.5	600	9.6	31,198	9.6
Cutting, punching, and press machine setters, operators, and tenders, metal and plastic	15.22	11.6	608	11.6	31,626	11.6
Machinists	21.81	2.9	871	3.0	45,285	3.0
Molders and molding machine setters, operators, and tenders, metal and plastic	13.61	10.4	535	9.6	27,844	9.6
Molding, coremaking, and casting machine setters, operators, and tenders, metal and plastic	13.61	10.4	535	9.6	27,844	9.6
Multiple machine tool setters, operators, and tenders, metal and plastic	16.65	6.4	664	6.3	34,510	6.3
Tool and die makers	20.32	12.0	798	10.6	41,494	10.6
Welding, soldering, and brazing workers	16.18	4.6	642	4.6	33,372	4.6
Welders, cutters, solderers, and brazers	16.17	5.8	647	5.8	33,631	5.8
Welding, soldering, and brazing machine setters, operators, and tenders	16.18	5.8	625	4.6	32,488	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
Production occupations –Continued						
Miscellaneous metalworkers and plastic workers	\$14.07	9.4%	\$554	8.9%	\$28,795	8.9%
Printers	20.73	12.4	803	11.7	41,766	11.7
Printing machine operators	20.14	13.7	786	13.2	40,866	13.2
Laundry and dry-cleaning workers	8.79	3.9	344	4.9	17,901	4.9
Sewing machine operators	10.98	5.4	428	5.3	21,790	5.3
Textile machine setters, operators, and tenders	12.90	13.4	519	13.7	27,002	13.7
Woodworking machine setters, operators, and tenders	11.65	6.8	447	7.7	23,018	7.7
Sawing machine setters, operators, and tenders, wood	11.22	12.4	441	11.5	22,559	11.5
Woodworking machine setters, operators, and tenders, except sawing	12.51	5.5	459	12.1	23,886	12.1
Water and liquid waste treatment plant and system operators	17.25	3.9	688	4.1	35,775	4.1
Miscellaneous plant and system operators	27.34	.9	1,087	.8	56,547	.8
Chemical processing machine setters, operators, and tenders	15.23	13.1	608	13.0	31,612	13.0
Chemical equipment operators and tenders	16.73	28.7	667	28.5	34,695	28.5
Crushing, grinding, polishing, mixing, and blending workers	15.55	12.1	622	12.1	32,342	12.1
Mixing and blending machine setters, operators, and tenders	18.47	11.8	739	11.8	38,417	11.8
Cutting workers	14.31	15.0	561	15.8	29,174	15.8
Cutting and slicing machine setters, operators, and tenders	15.24	15.3	606	15.4	31,537	15.4
Inspectors, testers, sorters, samplers, and weighers	14.64	4.8	591	5.2	30,736	5.2
Painting workers	14.52	8.7	581	8.7	30,206	8.7
Coating, painting, and spraying machine setters, operators, and tenders	14.28	10.7	571	10.7	29,711	10.7
Miscellaneous production workers	13.82	5.3	544	5.4	28,289	5.4
Paper goods machine setters, operators, and tenders	15.48	15.2	603	16.1	31,351	16.1
Helpers--production workers	11.33	4.1	448	3.8	23,263	3.8
Transportation and material moving occupations	15.19	3.5	610	3.7	31,126	3.7
First-line supervisors/managers of helpers, laborers, and material movers, hand	21.82	7.7	951	11.8	49,441	11.8

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
Transportation and material moving occupations –Continued						
First-line supervisors/managers of transportation and material-moving machine and vehicle operators	\$14.51	17.8%	\$593	20.8%	\$30,814	20.8%
Aircraft pilots and flight engineers	101.56	7.6	2,466	9.8	128,218	9.8
Airline pilots, copilots, and flight engineers	101.56	7.6	2,466	9.8	128,218	9.8
Bus drivers	13.53	9.7	414	21.8	17,707	21.8
Bus drivers, school	12.21	8.6	317	15.1	12,460	15.1
Driver/sales workers and truck drivers	15.55	3.1	669	3.0	34,660	3.0
Driver/sales workers	14.65	14.9	607	19.0	31,570	19.0
Truck drivers, heavy and tractor-trailer	16.11	3.4	730	4.8	37,724	4.8
Truck drivers, light or delivery services	14.84	9.0	594	9.0	30,910	9.0
Crane and tower operators	21.71	23.0	868	23.0	45,160	23.0
Industrial truck and tractor operators	13.15	3.0	524	3.0	27,253	3.0
Laborers and material movers, hand	11.56	2.6	456	2.8	23,660	2.8
Cleaners of vehicles and equipment	13.15	15.8	524	15.7	27,232	15.7
Laborers and freight, stock, and material movers, hand	11.51	3.5	453	3.7	23,494	3.7
Machine feeders and offbearers	10.75	11.9	414	12.2	21,541	12.2
Packers and packagers, hand	11.41	6.2	456	6.2	23,723	6.2
Refuse and recyclable material collectors	11.19	8.9	448	8.9	23,280	8.9

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, weighed by hours.

⁴ The relative standard error (RSE) is the standard error expressed as a percent of the estimate. It can be used to calculate a "confidence interval" around a sample estimate. For more information about RSEs, see chapter 8 of the BLS Handbook of Methods, at http://www.bls.gov/opub/hom/homch8_a.htm.

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

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

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

SOURCE: Bureau of Labor Statistics, National Compensation Survey.