

RSE Table 11

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

Occupation ²	Hourly earnings ³		Weekly earnings ⁵		Annual earnings ⁶	
	Mean	Relative error ⁴	Mean	Relative error ⁴	Mean	Relative error ⁴
All workers	\$24.86	2.4%	\$976	2.4%	\$49,356	2.4%
Management occupations	44.30	4.1	1,788	4.3	92,717	4.3
General and operations managers	51.89	4.6	2,167	3.5	112,681	3.5
Marketing and sales managers	51.85	7.7	2,095	7.1	108,950	7.1
Marketing managers	56.57	12.0	2,298	11.1	119,471	11.1
Sales managers	46.54	3.5	1,870	2.9	97,233	2.9
Public relations managers	35.98	4.8	1,439	4.8	74,832	4.8
Administrative services managers	45.00	7.6	1,717	6.2	89,270	6.2
Computer and information systems managers	52.51	6.2	2,081	5.3	108,212	5.3
Financial managers	46.21	3.1	1,866	4.3	97,030	4.3
Human resources managers	39.32	15.8	1,584	10.1	82,379	10.1
Industrial production managers	42.91	6.9	1,734	6.8	90,161	6.8
Purchasing managers	29.89	17.5	1,165	17.0	60,566	17.0
Transportation, storage, and distribution managers	28.20	18.5	1,120	19.1	58,216	19.1
Construction managers	45.61	10.6	2,001	8.0	104,042	8.0
Education administrators	39.62	6.1	1,506	6.4	75,695	6.4
Education administrators, elementary and secondary school	46.56	6.6	1,845	6.0	88,016	6.0
Education administrators, postsecondary ..	40.08	6.2	1,458	5.6	74,999	5.6
Engineering managers	56.10	9.9	2,271	11.5	118,097	11.5
Food service managers	24.53	2.2	1,086	7.3	56,496	7.3
Medical and health services managers	47.99	8.5	1,936	6.7	100,659	6.7
Property, real estate, and community association managers	25.92	1.8	1,015	2.7	52,801	2.7
Social and community service managers	20.28	16.6	863	11.7	44,889	11.7
Business and financial operations occupations	32.22	3.7	1,292	5.2	66,023	5.2
Buyers and purchasing agents	32.19	3.8	1,308	5.2	68,028	5.2
Wholesale and retail buyers, except farm products	29.10	5.5	1,171	4.0	60,908	4.0
Purchasing agents, except wholesale, retail, and farm products	33.74	6.0	1,378	7.1	71,635	7.1
Claims adjusters, appraisers, examiners, and investigators	26.60	4.3	1,021	4.2	53,081	4.2
Claims adjusters, examiners, and investigators	27.15	7.0	1,042	7.0	54,209	7.0
Compliance officers, except agriculture, construction, health and safety, and transportation	24.19	11.2	994	12.5	51,708	12.5
Human resources, training, and labor relations specialists	25.60	13.2	1,036	14.2	47,488	14.2

See footnotes at end of table.

RSE Table 11

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

Occupation ²	Hourly earnings ³		Weekly earnings ⁵		Annual earnings ⁶	
	Mean	Relative error ⁴	Mean	Relative error ⁴	Mean	Relative error ⁴
Business and financial operations occupations –Continued						
Employment, recruitment, and placement specialists	\$35.57	6.3%	\$1,489	9.0%	\$77,430	9.0%
Compensation, benefits, and job analysis specialists	31.83	8.9	1,307	9.2	67,959	9.2
Management analysts	40.01	2.9	1,650	4.8	85,814	4.8
Accountants and auditors	27.65	5.3	1,065	4.2	55,362	4.2
Appraisers and assessors of real estate	28.65	13.9	1,112	15.9	57,810	15.9
Budget analysts	36.66	12.4	1,469	12.5	76,395	12.5
Credit analysts	28.06	12.6	1,122	12.6	58,369	12.6
Financial analysts and advisors	42.82	8.8	1,771	8.8	92,097	8.8
Financial analysts	43.30	5.8	1,859	4.5	96,676	4.5
Insurance underwriters	42.12	27.0	1,579	29.6	82,085	29.6
Computer and mathematical science occupations						
Computer programmers	30.61	10.9	1,213	11.2	63,082	11.2
Computer software engineers	44.95	2.8	1,818	2.0	94,517	2.0
Computer software engineers, applications	45.25	4.4	1,854	2.3	96,398	2.3
Computer software engineers, systems software	44.65	1.9	1,782	2.1	92,689	2.1
Computer support specialists	31.71	8.5	1,245	8.8	64,718	8.8
Computer systems analysts	38.87	2.6	1,555	3.2	80,873	3.2
Network and computer systems administrators	34.79	4.8	1,392	5.3	72,382	5.3
Network systems and data communications analysts	34.97	6.7	1,359	5.2	70,693	5.2
Actuaries	37.50	10.7	1,416	8.6	73,614	8.6
Operations research analysts	34.72	5.1	1,294	2.3	67,263	2.3
Architecture and engineering occupations						
Engineers	41.10	2.6	1,674	2.5	87,060	2.5
Aerospace engineers	45.25	5.3	1,831	5.2	95,216	5.2
Civil engineers	30.72	3.4	1,259	1.8	65,488	1.8
Computer hardware engineers	41.50	5.9	1,784	2.4	92,791	2.4
Electrical and electronics engineers	43.66	5.6	1,784	3.9	92,778	3.9
Electrical engineers	40.48	3.9	1,662	1.6	86,403	1.6
Electronics engineers, except computer	44.87	7.3	1,831	5.5	95,200	5.5
Industrial engineers, including health and safety	37.37	5.9	1,508	5.8	78,438	5.8
Industrial engineers	37.99	5.6	1,534	5.4	79,782	5.4
Mechanical engineers	42.21	6.9	1,716	6.8	89,241	6.8
Drafters	22.68	16.5	899	15.8	46,731	15.8

See footnotes at end of table.

RSE Table 11

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

Occupation ²	Hourly earnings ³		Weekly earnings ⁵		Annual earnings ⁶	
	Mean	Relative error ⁴	Mean	Relative error ⁴	Mean	Relative error ⁴
Architecture and engineering occupations						
–Continued						
Engineering technicians, except drafters	\$23.58	3.4%	\$936	3.5%	\$48,696	3.5%
Electrical and electronic engineering technicians	22.67	2.5	907	2.5	47,162	2.5
Industrial engineering technicians	25.49	11.6	1,012	11.7	52,644	11.7
Mechanical engineering technicians	27.32	6.7	1,079	8.0	56,099	8.0
Life, physical, and social science occupations	32.38	11.8	1,275	11.9	65,591	11.9
Life scientists	33.50	30.1	1,321	29.3	68,529	29.3
Biological scientists	40.77	11.3	1,603	12.6	82,479	12.6
Biochemists and biophysicists	40.87	11.4	1,619	12.5	84,185	12.5
Physical scientists	33.96	12.6	1,351	12.5	69,691	12.5
Chemists and materials scientists	42.13	8.8	1,668	9.1	86,713	9.1
Materials scientists	45.10	8.1	1,804	8.1	93,818	8.1
Market and survey researchers	41.86	21.6	1,688	21.6	87,755	21.6
Market research analysts	41.86	21.6	1,688	21.6	87,755	21.6
Psychologists	37.19	33.8	1,410	31.3	62,781	31.3
Clinical, counseling, and school psychologists	49.81	18.8	1,841	18.1	76,776	18.1
Miscellaneous life, physical, and social science technicians	20.36	4.9	810	4.7	41,591	4.7
Community and social services occupations	22.18	4.9	851	4.7	42,232	4.7
Counselors	27.56	11.1	1,025	10.3	46,984	10.3
Educational, vocational, and school counselors	33.93	16.4	1,210	13.5	50,982	13.5
Social workers	20.91	6.2	812	5.4	41,613	5.4
Child, family, and school social workers ..	23.20	7.1	882	6.7	44,645	6.7
Mental health and substance abuse social workers	16.63	3.1	665	3.1	34,594	3.1
Miscellaneous community and social service specialists	17.72	9.3	687	10.3	35,232	10.3
Social and human service assistants	15.27	7.1	591	9.2	30,229	9.2
Legal occupations	42.38	15.4	1,640	14.8	85,270	14.8
Lawyers	54.34	13.5	2,150	13.3	111,788	13.3
Paralegals and legal assistants	24.29	10.0	918	9.3	47,746	9.3
Education, training, and library occupations	35.20	4.6	1,254	4.2	49,625	4.2
Postsecondary teachers	52.51	3.8	1,984	5.3	80,939	5.3
Math and computer teachers, postsecondary	61.48	13.9	2,292	14.0	83,069	14.0

See footnotes at end of table.

RSE Table 11

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

Occupation ²	Hourly earnings ³		Weekly earnings ⁵		Annual earnings ⁶	
	Mean	Relative error ⁴	Mean	Relative error ⁴	Mean	Relative error ⁴
Education, training, and library occupations –Continued						
Mathematical science teachers, postsecondary	\$50.21	12.0%	\$1,862	13.6%	\$68,024	13.6%
Engineering and architecture teachers, postsecondary	74.27	5.6	2,909	6.1	98,023	6.1
Life sciences teachers, postsecondary	47.55	.8	2,101	6.2	102,752	6.2
Biological science teachers, postsecondary	47.55	.8	2,101	6.2	102,752	6.2
Physical sciences teachers, postsecondary	63.17	14.6	2,454	13.5	107,098	13.5
Social sciences teachers, postsecondary	42.08	6.7	1,524	8.0	64,471	8.0
Arts, communications, and humanities teachers, postsecondary	58.27	10.9	2,134	9.1	82,658	9.1
Art, drama, and music teachers, postsecondary	62.30	12.0	2,384	12.3	92,307	12.3
English language and literature teachers, postsecondary	62.35	23.5	2,177	18.9	88,337	18.9
Miscellaneous postsecondary teachers	45.72	7.2	1,630	7.3	63,233	7.3
Primary, secondary, and special education school teachers	36.28	4.8	1,292	4.1	49,833	4.1
Preschool and kindergarten teachers	16.33	7.6	626	7.7	29,327	7.7
Preschool teachers, except special education	13.83	6.4	536	7.0	25,699	7.0
Kindergarten teachers, except special education	41.39	12.3	1,436	12.2	55,451	12.2
Elementary and middle school teachers	41.48	2.0	1,450	1.6	53,689	1.6
Elementary school teachers, except special education	41.70	2.2	1,461	1.8	54,118	1.8
Middle school teachers, except special and vocational education	40.74	4.4	1,414	4.0	52,287	4.0
Secondary school teachers	42.45	1.1	1,476	1.3	54,211	1.3
Secondary school teachers, except special and vocational education	42.63	1.2	1,484	1.1	54,500	1.1
Special education teachers	38.78	9.6	1,375	7.4	52,130	7.4
Special education teachers, preschool, kindergarten, and elementary school school	40.98	7.7	1,455	6.0	54,813	6.0
Special education teachers, middle school	30.54	14.7	1,134	12.7	44,794	12.7
Special education teachers, secondary school	44.38	9.0	1,487	8.4	54,579	8.4
Other teachers and instructors	23.99	7.5	825	11.9	36,201	11.9
Librarians	27.49	8.1	1,021	7.9	50,736	7.9
Instructional coordinators	30.33	20.9	1,048	19.5	49,359	19.5
Teacher assistants	13.86	5.3	460	4.1	17,594	4.1

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
Arts, design, entertainment, sports, and media occupations	\$27.81	7.5%	\$1,094	7.0%	\$56,800	7.0%
Designers	24.20	6.4	954	5.7	49,619	5.7
Graphic designers	23.98	6.5	943	4.8	49,033	4.8
Public relations specialists	27.14	3.6	1,074	4.3	55,823	4.3
Writers and editors	38.27	3.3	1,464	4.0	76,151	4.0
Editors	36.15	3.4	1,352	3.9	70,322	3.9
Healthcare practitioner and technical occupations	29.01	5.4	1,115	4.7	57,470	4.7
Pharmacists	46.92	3.6	1,833	4.8	95,297	4.8
Physicians and surgeons	54.74	32.7	2,192	32.8	113,974	32.8
Registered nurses	32.76	4.4	1,228	4.4	63,131	4.4
Therapists	33.33	5.3	1,265	3.8	61,428	3.8
Occupational therapists	37.89	15.0	1,418	10.0	63,848	10.0
Physical therapists	31.19	5.0	1,200	1.9	62,394	1.9
Respiratory therapists	30.54	6.1	1,213	6.1	63,101	6.1
Clinical laboratory technologists and technicians	20.54	5.4	813	5.3	42,276	5.3
Medical and clinical laboratory technologists	22.13	13.3	885	13.3	46,035	13.3
Medical and clinical laboratory technicians	18.32	6.2	714	4.7	37,154	4.7
Emergency medical technicians and paramedics	16.35	8.4	646	8.4	33,571	8.4
Health diagnosing and treating practitioner support technicians	18.65	4.5	722	5.2	37,365	5.2
Licensed practical and licensed vocational nurses	23.35	3.7	898	4.9	46,699	4.9
Medical records and health information technicians	16.60	6.5	637	8.3	33,142	8.3
Healthcare support occupations	14.15	.9	547	1.1	28,408	1.1
Nursing, psychiatric, and home health aides	13.23	1.6	513	2.2	26,655	2.2
Nursing aides, orderlies, and attendants	13.38	1.7	517	2.7	26,900	2.7
Psychiatric aides	13.28	8.6	523	8.2	27,206	8.2
Miscellaneous healthcare support occupations	15.61	2.7	601	3.8	31,211	3.8
Dental assistants	19.51	4.6	701	5.1	36,466	5.1
Medical assistants	14.29	2.6	551	2.9	28,541	2.9
Medical transcriptionists	15.78	7.8	626	7.9	32,575	7.9
Protective service occupations	21.73	7.3	869	7.4	45,043	7.4

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
Protective service occupations –Continued						
First-line supervisors/managers, law enforcement workers	\$33.92	10.7%	\$1,347	10.7%	\$70,058	10.7%
First-line supervisors/managers of police and detectives	40.10	3.8	1,604	3.8	83,401	3.8
First-line supervisors/managers of fire fighting and prevention workers	29.37	4.5	1,294	6.5	67,306	6.5
Fire fighters	22.25	5.2	952	5.1	49,498	5.1
Bailiffs, correctional officers, and jailers	22.79	4.4	891	3.8	46,340	3.8
Correctional officers and jailers	21.90	3.1	862	2.7	44,824	2.7
Police officers	25.45	7.2	996	7.2	51,794	7.2
Police and sheriff's patrol officers	25.45	7.2	996	7.2	51,794	7.2
Security guards and gaming surveillance officers	15.16	9.7	600	9.4	31,069	9.4
Security guards	15.16	9.7	600	9.4	31,069	9.4
Food preparation and serving related occupations						
First-line supervisors/managers, food preparation and serving workers	11.40	6.9	439	6.8	22,181	6.8
First-line supervisors/managers of food preparation and serving workers	18.42	3.6	766	4.5	38,724	4.5
Cooks	18.07	6.5	757	6.6	38,061	6.6
Cooks, institution and cafeteria	13.33	2.5	522	2.8	26,642	2.8
Cooks, restaurant	14.02	4.7	546	4.8	27,008	4.8
Food preparation workers	13.13	2.9	509	3.1	26,449	3.1
Food service, tipped	12.24	9.8	487	9.4	25,331	9.4
Waiters and waitresses	6.88	30.8	254	32.5	12,551	32.5
Dining room and cafeteria attendants and bartender helpers	6.01	44.0	221	44.0	10,847	44.0
Fast food and counter workers	8.79	13.1	324	17.5	15,816	17.5
Combined food preparation and serving workers, including fast food	9.59	5.9	359	5.9	17,978	5.9
Counter attendants, cafeteria, food concession, and coffee shop	11.75	10.8	445	13.3	22,506	13.3
Dishwashers	8.95	6.5	334	4.1	16,676	4.1
	8.77	1.5	338	2.0	17,579	2.0
Building and grounds cleaning and maintenance occupations						
First-line supervisors/managers of housekeeping and janitorial workers ...	15.58	7.9	617	8.0	30,881	8.0
Building cleaning workers	22.06	10.5	880	10.7	45,735	10.7
Janitors and cleaners, except maids and housekeeping cleaners	13.83	3.0	547	3.7	28,258	3.7
	14.18	2.8	559	3.0	28,787	3.0

See footnotes at end of table.

RSE Table 11

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

Occupation ²	Hourly earnings ³		Weekly earnings ⁵		Annual earnings ⁶	
	Mean	Relative error ⁴	Mean	Relative error ⁴	Mean	Relative error ⁴
Building and grounds cleaning and maintenance occupations –Continued						
Maids and housekeeping cleaners	\$11.58	8.8%	\$455	9.8%	\$23,674	9.8%
Grounds maintenance workers	15.19	2.9	605	2.9	24,250	2.9
Landscaping and groundskeeping workers	14.70	1.8	586	1.8	23,112	1.8
Personal care and service occupations	13.03	4.2	485	2.1	23,305	2.1
First-line supervisors/managers of personal service workers	17.84	14.6	748	20.5	37,689	20.5
Child care workers	11.57	3.8	459	4.1	23,152	4.1
Sales and related occupations	22.74	3.9	906	4.1	46,951	4.1
First-line supervisors/managers, sales workers	21.26	7.8	869	8.9	44,810	8.9
First-line supervisors/managers of retail sales workers	17.83	10.4	738	12.4	38,360	12.4
First-line supervisors/managers of non-retail sales workers	27.31	3.8	1,092	3.8	55,549	3.8
Retail sales workers	13.09	4.3	514	4.6	26,592	4.6
Cashiers, all workers	10.77	3.2	413	3.8	21,357	3.8
Cashiers	10.77	3.2	413	3.8	21,357	3.8
Counter and rental clerks and parts salespersons	12.87	20.5	515	20.5	26,652	20.5
Counter and rental clerks	9.86	10.5	394	10.5	20,360	10.5
Retail salespersons	14.26	8.4	564	8.5	29,143	8.5
Insurance sales agents	27.45	6.5	1,054	4.8	54,793	4.8
Securities, commodities, and financial services sales agents	80.88	20.8	3,114	21.5	161,913	21.5
Sales representatives, wholesale and manufacturing	30.04	2.3	1,213	2.4	63,061	2.4
Sales representatives, wholesale and manufacturing, technical and scientific products	35.80	11.9	1,439	12.9	74,844	12.9
Sales representatives, wholesale and manufacturing, except technical and scientific products	27.15	3.5	1,098	3.3	57,109	3.3
Miscellaneous sales and related workers	26.77	10.8	1,072	11.0	55,756	11.0
Office and administrative support occupations	17.84	1.7	695	1.6	35,960	1.6
First-line supervisors/managers of office and administrative support workers	29.08	4.7	1,137	4.9	59,126	4.9
Switchboard operators, including answering service	13.98	7.4	538	7.1	27,953	7.1

See footnotes at end of table.

RSE Table 11

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

Occupation ²	Hourly earnings ³		Weekly earnings ⁵		Annual earnings ⁶	
	Mean	Relative error ⁴	Mean	Relative error ⁴	Mean	Relative error ⁴
Office and administrative support occupations –Continued						
Financial clerks	\$16.39	2.5%	\$636	2.8%	\$33,026	2.8%
Billing and posting clerks and machine operators	15.25	4.9	595	5.2	30,942	5.2
Bookkeeping, accounting, and auditing clerks	17.84	4.3	686	3.4	35,617	3.4
Payroll and timekeeping clerks	20.38	12.1	799	13.7	41,541	13.7
Tellers	13.70	1.6	533	2.5	27,719	2.5
Brokerage clerks	18.88	6.3	726	5.8	37,738	5.8
Customer service representatives	18.96	6.2	741	5.6	38,532	5.6
File clerks	12.34	13.0	493	13.0	25,661	13.0
Library assistants, clerical	16.29	6.9	587	6.3	26,653	6.3
Order clerks	18.70	2.6	736	3.0	38,260	3.0
Receptionists and information clerks	13.95	1.6	540	1.7	27,626	1.7
Dispatchers	18.83	6.0	757	6.0	39,390	6.0
Police, fire, and ambulance dispatchers	20.61	9.4	791	7.9	41,137	7.9
Dispatchers, except police, fire, and ambulance	18.15	6.8	744	7.7	38,668	7.7
Production, planning, and expediting clerks	21.86	4.4	874	4.5	45,430	4.5
Shipping, receiving, and traffic clerks	15.54	6.7	619	6.4	32,179	6.4
Stock clerks and order fillers	14.04	5.1	556	5.4	28,930	5.4
Weighers, measurers, checkers, and samplers, recordkeeping	13.70	10.2	548	10.2	28,491	10.2
Secretaries and administrative assistants	19.36	1.9	753	1.9	38,825	1.9
Executive secretaries and administrative assistants	22.27	2.7	868	2.4	45,155	2.4
Medical secretaries	16.86	2.8	660	3.2	34,344	3.2
Secretaries, except legal, medical, and executive	17.65	4.0	681	4.0	34,532	4.0
Computer operators	17.75	10.1	708	10.3	36,820	10.3
Data entry and information processing workers	13.87	7.7	539	7.6	27,350	7.6
Data entry keyers	13.28	8.2	521	8.6	26,286	8.6
Word processors and typists	16.50	7.4	615	4.8	31,988	4.8
Insurance claims and policy processing clerks	16.97	2.4	644	2.5	33,471	2.5
Mail clerks and mail machine operators, except postal service	14.66	4.2	574	5.1	29,859	5.1
Office clerks, general	17.69	5.2	687	5.2	35,698	5.2
Construction and extraction occupations	24.62	2.7	984	2.7	50,343	2.7

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
Construction and extraction occupations						
–Continued						
First-line supervisors/managers of construction trades and extraction workers	\$32.26	8.2%	\$1,292	8.2%	\$67,171	8.2%
Carpenters	24.08	9.5	963	9.5	50,085	9.5
Construction laborers	22.18	8.7	887	8.7	43,541	8.7
Construction equipment operators	33.18	11.1	1,327	11.1	67,882	11.1
Operating engineers and other construction equipment operators	35.19	12.4	1,408	12.4	71,827	12.4
Electricians	23.33	4.9	937	4.7	48,710	4.7
Pipelayers, plumbers, pipefitters, and steamfitters	28.10	12.3	1,119	12.4	58,214	12.4
Plumbers, pipefitters, and steamfitters	28.10	12.3	1,119	12.4	58,214	12.4
Helpers, construction trades	19.33	19.1	769	19.0	35,342	19.0
Construction and building inspectors	29.12	2.7	1,148	3.3	59,716	3.3
Installation, maintenance, and repair occupations	22.41	.7	897	.7	46,502	.7
First-line supervisors/managers of mechanics, installers, and repairers	28.50	9.9	1,165	10.1	60,598	10.1
Radio and telecommunications equipment installers and repairers	28.23	3.0	1,121	3.7	58,273	3.7
Telecommunications equipment installers and repairers, except line installers	28.23	3.0	1,121	3.7	58,273	3.7
Miscellaneous electrical and electronic equipment mechanics, installers, and repairers	24.96	16.3	998	16.3	51,911	16.3
Aircraft mechanics and service technicians ..	28.60	3.4	1,144	3.4	59,491	3.4
Automotive technicians and repairers	21.93	12.5	883	13.1	45,932	13.1
Automotive service technicians and mechanics	22.11	13.4	889	13.9	46,205	13.9
Bus and truck mechanics and diesel engine specialists	19.34	3.6	775	3.7	40,292	3.7
Heating, air conditioning, and refrigeration mechanics and installers	23.25	9.8	930	9.8	48,356	9.8
Industrial machinery installation, repair, and maintenance workers	18.70	3.2	743	3.3	38,512	3.3
Industrial machinery mechanics	21.67	7.7	850	7.9	44,215	7.9
Maintenance and repair workers, general ..	18.05	2.0	718	2.2	37,186	2.2
Maintenance workers, machinery	16.88	5.8	675	5.8	35,113	5.8
Line installers and repairers	25.97	5.8	1,039	5.8	54,028	5.8
Electrical power-line installers and repairers	28.80	5.7	1,152	5.7	59,901	5.7

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
Installation, maintenance, and repair occupations –Continued						
Telecommunications line installers and repairers	\$24.68	8.0%	\$987	8.0%	\$51,340	8.0%
Miscellaneous installation, maintenance, and repair workers	16.11	9.3	645	9.3	31,576	9.3
Production occupations	15.46	4.2	616	4.2	32,023	4.2
First-line supervisors/managers of production and operating workers	26.19	9.3	1,046	9.5	54,398	9.5
Electrical, electronics, and electromechanical assemblers	14.74	9.7	590	9.7	30,655	9.7
Electrical and electronic equipment assemblers	17.15	10.4	686	10.4	35,677	10.4
Electromechanical equipment assemblers	13.55	4.4	542	4.4	28,187	4.4
Structural metal fabricators and fitters	17.94	18.3	718	18.3	37,317	18.3
Miscellaneous assemblers and fabricators	12.66	5.1	503	4.9	26,159	4.9
Butchers and other meat, poultry, and fish processing workers	16.82	8.6	673	8.6	34,984	8.6
Butchers and meat cutters	17.41	9.0	697	9.0	36,219	9.0
Computer control programmers and operators	15.00	7.7	600	7.7	31,204	7.7
Computer-controlled machine tool operators, metal and plastic	12.82	13.7	513	13.7	26,661	13.7
Forming machine setters, operators, and tenders, metal and plastic	14.50	13.0	580	13.0	30,153	13.0
Extruding and drawing machine setters, operators, and tenders, metal and plastic	15.81	2.5	632	2.5	32,878	2.5
Machine tool cutting setters, operators, and tenders, metal and plastic	16.09	12.4	644	12.4	33,466	12.4
Cutting, punching, and press machine setters, operators, and tenders, metal and plastic	14.69	9.5	588	9.5	30,560	9.5
Grinding, lapping, polishing, and buffing machine tool setters, operators, and tenders, metal and plastic	11.77	23.8	471	23.8	24,485	23.8
Lathe and turning machine tool setters, operators, and tenders, metal and plastic	20.20	19.3	808	19.3	42,022	19.3
Machinists	23.51	3.1	940	3.1	48,893	3.1
Molders and molding machine setters, operators, and tenders, metal and plastic	14.32	10.2	573	10.2	29,783	10.2

See footnotes at end of table.

RSE Table 11

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

Occupation ²	Hourly earnings ³		Weekly earnings ⁵		Annual earnings ⁶	
	Mean	Relative error ⁴	Mean	Relative error ⁴	Mean	Relative error ⁴
Production occupations –Continued						
Molding, coremaking, and casting machine setters, operators, and tenders, metal and plastic	\$13.74	10.0%	\$550	10.0%	\$28,579	10.0%
Multiple machine tool setters, operators, and tenders, metal and plastic	12.00	16.0	456	19.5	23,720	19.5
Tool and die makers	23.38	9.3	935	9.3	48,632	9.3
Welding, soldering, and brazing workers	22.94	9.9	920	9.6	47,841	9.6
Welders, cutters, solderers, and brazers	23.12	10.4	927	10.1	48,225	10.1
Miscellaneous metalworkers and plastic workers	16.09	3.9	643	3.9	33,457	3.9
Plating and coating machine setters, operators, and tenders, metal and plastic	17.42	1.7	697	1.7	36,235	1.7
Printers	12.60	21.8	500	21.5	26,007	21.5
Printing machine operators	11.93	23.0	476	23.0	24,768	23.0
Laundry and dry-cleaning workers	10.72	5.1	429	5.1	22,297	5.1
Textile machine setters, operators, and tenders	11.94	4.2	477	4.2	24,800	4.2
Woodworking machine setters, operators, and tenders	13.46	6.0	538	6.0	27,990	6.0
Inspectors, testers, sorters, samplers, and weighers	15.44	8.2	619	8.4	32,211	8.4
Packaging and filling machine operators and tenders	12.18	4.9	487	4.9	25,332	4.9
Painting workers	16.23	5.4	649	5.4	33,760	5.4
Miscellaneous production workers	12.18	9.0	484	8.5	25,154	8.5
Paper goods machine setters, operators, and tenders	11.63	27.6	452	25.0	23,500	25.0
Helpers--production workers	11.24	12.6	450	12.6	23,385	12.6
Transportation and material moving occupations						
First-line supervisors/managers of helpers, laborers, and material movers, hand	14.72	3.1	580	2.4	29,896	2.4
Bus drivers	22.76	9.5	914	10.5	44,572	10.5
Driver/sales workers and truck drivers	18.05	6.5	632	10.4	27,770	10.4
Truck drivers, heavy and tractor-trailer	16.31	4.4	653	4.3	33,773	4.3
Truck drivers, light or delivery services	18.59	7.8	752	7.6	38,669	7.6
Dredge, excavating, and loading machine operators	14.68	9.1	588	9.1	30,556	9.1
Excavating and loading machine and dragline operators	21.39	4.7	856	4.7	44,373	4.7
Industrial truck and tractor operators	21.39	4.7	856	4.7	44,373	4.7
Industrial truck and tractor operators	16.40	6.7	647	6.1	33,650	6.1

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
Transportation and material moving occupations –Continued						
Laborers and material movers, hand	\$11.82	2.5%	\$471	2.6%	\$24,505	2.6%
Laborers and freight, stock, and material movers, hand	12.73	4.1	508	4.1	26,412	4.1
Machine feeders and offbearers	11.22	14.6	447	14.8	23,242	14.8
Packers and packagers, hand	10.05	4.7	400	4.3	20,811	4.3

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

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

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

⁴ The relative standard error (RSE) is the standard error expressed as a percent of the estimate. It can be used to calculate a "confidence interval" around a sample estimate. For more information about RSEs, see appendix A.

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

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

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

SOURCE: Bureau of Labor Statistics, National Compensation Survey.

RSE Table 12

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

Occupation ²	Hourly earnings ³		Weekly earnings ⁵		Annual earnings ⁶	
	Mean	Relative error ⁴	Mean	Relative error ⁴	Mean	Relative error ⁴
All workers	\$24.40	2.6%	\$965	2.7%	\$49,614	2.7%
Management occupations	44.94	4.4	1,822	4.6	94,683	4.6
General and operations managers	52.77	4.9	2,217	3.7	115,272	3.7
Marketing and sales managers	51.85	7.7	2,095	7.1	108,950	7.1
Marketing managers	56.57	12.0	2,298	11.1	119,471	11.1
Sales managers	46.54	3.5	1,870	2.9	97,233	2.9
Administrative services managers	43.05	8.7	1,635	6.9	85,028	6.9
Computer and information systems managers	54.68	5.6	2,169	4.5	112,808	4.5
Financial managers	46.95	2.7	1,900	4.1	98,777	4.1
Human resources managers	40.08	17.3	1,642	10.3	85,403	10.3
Industrial production managers	44.42	4.4	1,796	3.9	93,391	3.9
Purchasing managers	28.79	17.7	1,125	17.4	58,521	17.4
Transportation, storage, and distribution managers	28.20	18.5	1,120	19.1	58,216	19.1
Construction managers	46.14	11.2	2,033	8.4	105,694	8.4
Education administrators	36.01	8.8	1,342	9.2	69,137	9.2
Education administrators, elementary and secondary school	42.87	10.3	1,700	15.1	87,742	15.1
Education administrators, postsecondary ..	40.44	6.2	1,460	4.8	74,961	4.8
Engineering managers	56.09	10.5	2,279	12.3	118,531	12.3
Food service managers	24.53	2.2	1,086	7.3	56,496	7.3
Medical and health services managers	49.03	10.4	2,004	8.0	104,230	8.0
Property, real estate, and community association managers	26.82	2.0	1,053	3.7	54,761	3.7
Business and financial operations occupations	32.49	4.0	1,307	5.6	66,672	5.6
Buyers and purchasing agents	32.19	3.8	1,308	5.2	68,028	5.2
Wholesale and retail buyers, except farm products	29.10	5.5	1,171	4.0	60,908	4.0
Purchasing agents, except wholesale, retail, and farm products	33.74	6.0	1,378	7.1	71,635	7.1
Claims adjusters, appraisers, examiners, and investigators	26.60	4.3	1,021	4.2	53,081	4.2
Claims adjusters, examiners, and investigators	27.15	7.0	1,042	7.0	54,209	7.0
Human resources, training, and labor relations specialists	24.95	12.9	1,012	14.2	45,993	14.2
Compensation, benefits, and job analysis specialists	29.88	7.3	1,232	7.9	64,050	7.9
Management analysts	40.54	2.5	1,676	4.3	87,160	4.3
Accountants and auditors	27.83	6.1	1,077	4.8	56,024	4.8
Budget analysts	38.83	16.0	1,557	16.0	80,959	16.0

See footnotes at end of table.

RSE Table 12

**Full-time¹ private industry 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						
Credit analysts	\$28.06	12.6%	\$1,122	12.6%	\$58,369	12.6%
Financial analysts and advisors	42.82	8.8	1,771	8.8	92,097	8.8
Financial analysts	43.30	5.8	1,859	4.5	96,676	4.5
Insurance underwriters	42.12	27.0	1,579	29.6	82,085	29.6
Computer and mathematical science occupations						
.....	38.92	.9	1,555	1.6	80,858	1.6
Computer programmers	30.62	11.5	1,216	11.8	63,217	11.8
Computer software engineers	45.06	2.8	1,822	2.0	94,763	2.0
Computer software engineers, applications Computer software engineers, systems software	45.48	4.4	1,864	2.3	96,943	2.3
.....	44.65	1.9	1,782	2.1	92,689	2.1
Computer support specialists	34.07	9.2	1,347	9.2	70,068	9.2
Computer systems analysts	38.40	2.8	1,539	3.5	80,011	3.5
Network and computer systems administrators	35.82	5.5	1,441	6.1	74,923	6.1
Network systems and data communications analysts	35.14	8.2	1,361	6.4	70,797	6.4
Actuaries	37.50	10.7	1,416	8.6	73,614	8.6
Operations research analysts	34.72	5.1	1,294	2.3	67,263	2.3
Architecture and engineering occupations						
.....	35.83	2.0	1,455	2.6	75,658	2.6
Engineers	41.28	2.6	1,682	2.4	87,484	2.4
Aerospace engineers	45.25	5.3	1,831	5.2	95,216	5.2
Civil engineers	30.01	4.8	1,240	2.4	64,472	2.4
Computer hardware engineers	41.50	5.9	1,784	2.4	92,791	2.4
Electrical and electronics engineers	43.61	5.7	1,783	4.0	92,706	4.0
Electrical engineers	40.17	4.0	1,651	1.4	85,833	1.4
Electronics engineers, except computer Industrial engineers, including health and safety	44.87	7.3	1,831	5.5	95,200	5.5
.....	37.37	5.9	1,508	5.8	78,438	5.8
Industrial engineers	37.99	5.6	1,534	5.4	79,782	5.4
Mechanical engineers	42.21	6.9	1,716	6.8	89,241	6.8
Drafters	22.68	16.5	899	15.8	46,731	15.8
Engineering technicians, except drafters	23.85	3.6	951	3.7	49,447	3.7
Electrical and electronic engineering technicians	22.67	2.5	907	2.5	47,162	2.5
Industrial engineering technicians	25.49	11.6	1,012	11.7	52,644	11.7
Mechanical engineering technicians	27.32	6.7	1,079	8.0	56,099	8.0
Life, physical, and social science occupations						
.....	32.34	12.8	1,279	13.2	66,278	13.2
Life scientists	33.82	32.5	1,344	32.2	69,754	32.2

See footnotes at end of table.

RSE Table 12

**Full-time¹ private industry 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
Life, physical, and social science occupations						
–Continued						
Biological scientists	\$40.77	11.3%	\$1,603	12.6%	\$82,479	12.6%
Biochemists and biophysicists	40.87	11.4	1,619	12.5	84,185	12.5
Physical scientists	37.01	13.0	1,470	12.8	76,441	12.8
Chemists and materials scientists	42.13	8.8	1,668	9.1	86,713	9.1
Materials scientists	45.10	8.1	1,804	8.1	93,818	8.1
Market and survey researchers	41.92	21.8	1,690	21.9	87,882	21.9
Market research analysts	41.92	21.8	1,690	21.9	87,882	21.9
Miscellaneous life, physical, and social science technicians	20.36	4.9	810	4.7	41,591	4.7
Community and social services occupations	18.33	5.5	706	6.2	35,679	6.2
Counselors	21.32	12.2	803	11.2	38,805	11.2
Educational, vocational, and school counselors	25.83	21.8	951	18.5	43,407	18.5
Social workers	18.06	5.2	706	5.1	36,316	5.1
Mental health and substance abuse social workers	16.63	3.1	665	3.1	34,594	3.1
Miscellaneous community and social service specialists	13.03	4.2	490	7.1	25,469	7.1
Social and human service assistants	13.03	4.2	490	7.1	25,469	7.1
Legal occupations	48.01	13.4	1,875	11.7	97,504	11.7
Lawyers	58.29	14.9	2,315	14.6	120,376	14.6
Paralegals and legal assistants	24.17	10.8	909	9.9	47,269	9.9
Education, training, and library occupations	30.48	11.5	1,156	11.1	51,311	11.1
Postsecondary teachers	52.80	3.2	2,030	5.4	85,428	5.4
Math and computer teachers, postsecondary	48.98	13.1	1,817	15.3	65,836	15.3
Mathematical science teachers, postsecondary	48.98	13.1	1,817	15.3	65,836	15.3
Life sciences teachers, postsecondary	47.55	.8	2,101	6.2	102,752	6.2
Biological science teachers, postsecondary	47.55	.8	2,101	6.2	102,752	6.2
Physical sciences teachers, postsecondary	62.69	16.4	2,428	15.1	107,255	15.1
Social sciences teachers, postsecondary	50.25	9.2	1,823	7.8	79,980	7.8
Arts, communications, and humanities teachers, postsecondary	55.77	14.3	2,011	10.9	77,718	10.9
English language and literature teachers, postsecondary	66.13	31.1	2,247	25.2	92,874	25.2
Miscellaneous postsecondary teachers	44.83	9.3	1,648	9.7	65,484	9.7

See footnotes at end of table.

RSE Table 12

Full-time¹ private industry 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						
Primary, secondary, and special education school teachers	\$20.26	13.6%	\$775	12.1%	\$34,178	12.1%
Preschool and kindergarten teachers	13.28	5.4	515	6.2	24,904	6.2
Preschool teachers, except special education	13.16	5.5	511	6.4	24,685	6.4
Elementary and middle school teachers	29.19	9.2	1,119	12.7	42,374	12.7
Special education teachers	32.04	24.7	1,191	19.9	48,748	19.9
Librarians	27.08	18.0	1,043	16.4	52,927	16.4
Teacher assistants	10.20	11.0	391	8.3	19,836	8.3
Arts, design, entertainment, sports, and media occupations	28.07	7.6	1,105	7.1	57,362	7.1
Designers	24.20	6.4	954	5.7	49,619	5.7
Graphic designers	23.98	6.5	943	4.8	49,033	4.8
Public relations specialists	28.28	.4	1,126	.2	58,553	.2
Writers and editors	38.27	3.3	1,464	4.0	76,151	4.0
Editors	36.15	3.4	1,352	3.9	70,322	3.9
Healthcare practitioner and technical occupations	29.13	6.0	1,120	5.1	58,247	5.1
Pharmacists	46.92	3.6	1,833	4.8	95,297	4.8
Physicians and surgeons	54.74	32.7	2,192	32.8	113,974	32.8
Registered nurses	33.31	4.7	1,244	4.7	64,689	4.7
Therapists	30.98	4.1	1,204	2.0	62,606	2.0
Physical therapists	31.19	5.0	1,200	1.9	62,394	1.9
Respiratory therapists	30.54	6.1	1,213	6.1	63,101	6.1
Clinical laboratory technologists and technicians	20.54	5.4	813	5.3	42,276	5.3
Medical and clinical laboratory technologists	22.13	13.3	885	13.3	46,035	13.3
Medical and clinical laboratory technicians	18.32	6.2	714	4.7	37,154	4.7
Emergency medical technicians and paramedics	15.84	10.4	632	10.3	32,872	10.3
Health diagnosing and treating practitioner support technicians	17.85	6.4	677	6.4	34,967	6.4
Licensed practical and licensed vocational nurses	23.30	3.8	894	5.1	46,514	5.1
Medical records and health information technicians	16.60	6.5	637	8.3	33,142	8.3
Healthcare support occupations	14.16	.8	547	1.0	28,414	1.0

See footnotes at end of table.

RSE Table 12

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

Occupation ²	Hourly earnings ³		Weekly earnings ⁵		Annual earnings ⁶	
	Mean	Relative error ⁴	Mean	Relative error ⁴	Mean	Relative error ⁴
Healthcare support occupations —Continued						
Nursing, psychiatric, and home health aides	\$13.19	1.4%	\$510	2.3%	\$26,531	2.3%
Nursing aides, orderlies, and attendants	13.30	1.9	515	3.0	26,760	3.0
Psychiatric aides	14.00	8.8	540	4.2	28,079	4.2
Miscellaneous healthcare support occupations	15.56	2.7	598	3.8	31,090	3.8
Dental assistants	19.44	4.7	696	5.2	36,205	5.2
Medical assistants	14.29	2.6	551	2.9	28,541	2.9
Medical transcriptionists	15.91	9.1	631	9.3	32,814	9.3
Protective service occupations	14.36	7.1	573	7.1	29,486	7.1
Security guards and gaming surveillance officers	15.12	11.3	602	10.9	31,298	10.9
Security guards	15.12	11.3	602	10.9	31,298	10.9
Food preparation and serving related occupations	11.30	7.2	436	7.0	22,222	7.0
First-line supervisors/managers, food preparation and serving workers	18.58	3.9	780	4.8	40,007	4.8
First-line supervisors/managers of food preparation and serving workers	18.24	6.8	773	6.9	39,570	6.9
Cooks	13.21	2.5	520	2.7	26,950	2.7
Cooks, institution and cafeteria	13.78	4.6	543	4.2	28,021	4.2
Cooks, restaurant	13.13	2.9	509	3.1	26,449	3.1
Food preparation workers	12.24	9.8	487	9.4	25,331	9.4
Food service, tipped	6.83	31.3	253	33.0	12,550	33.0
Waiters and waitresses	6.01	44.0	221	44.0	10,847	44.0
Dining room and cafeteria attendants and bartender helpers	8.63	14.2	323	18.8	16,119	18.8
Fast food and counter workers	9.51	6.2	356	6.2	17,915	6.2
Combined food preparation and serving workers, including fast food	11.61	11.7	444	14.2	23,109	14.2
Counter attendants, cafeteria, food concession, and coffee shop	8.90	6.9	331	4.2	16,512	4.2
Dishwashers	8.77	1.5	338	2.0	17,579	2.0
Building and grounds cleaning and maintenance occupations	15.38	10.4	608	10.5	30,611	10.5
Building cleaning workers	13.27	5.1	523	6.1	27,180	6.1
Janitors and cleaners, except maids and housekeeping cleaners	13.32	3.8	521	4.0	27,072	4.0
Maids and housekeeping cleaners	11.34	10.1	446	11.2	23,176	11.2
Grounds maintenance workers	14.98	2.0	597	1.9	24,933	1.9
Landscaping and groundskeeping workers	14.98	2.0	597	1.9	24,933	1.9

See footnotes at end of table.

RSE Table 12

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

Occupation ²	Hourly earnings ³		Weekly earnings ⁵		Annual earnings ⁶	
	Mean	Relative error ⁴	Mean	Relative error ⁴	Mean	Relative error ⁴
Personal care and service occupations	\$13.00	4.3%	\$483	2.0%	\$23,657	2.0%
Child care workers	11.57	3.8	459	4.1	23,152	4.1
Sales and related occupations	22.82	3.9	909	4.2	47,123	4.2
First-line supervisors/managers, sales workers	21.44	7.7	877	8.8	45,214	8.8
First-line supervisors/managers of retail sales workers	17.94	10.7	744	12.7	38,680	12.7
First-line supervisors/managers of non-retail sales workers	27.31	3.8	1,092	3.8	55,549	3.8
Retail sales workers	13.02	4.4	512	4.6	26,467	4.6
Cashiers, all workers	10.52	2.9	403	3.4	20,851	3.4
Cashiers	10.52	2.9	403	3.4	20,851	3.4
Counter and rental clerks and parts salespersons	12.87	20.5	515	20.5	26,652	20.5
Counter and rental clerks	9.86	10.5	394	10.5	20,360	10.5
Retail salespersons	14.25	8.5	564	8.5	29,131	8.5
Insurance sales agents	27.45	6.5	1,054	4.8	54,793	4.8
Securities, commodities, and financial services sales agents	80.88	20.8	3,114	21.5	161,913	21.5
Sales representatives, wholesale and manufacturing	30.04	2.3	1,213	2.4	63,061	2.4
Sales representatives, wholesale and manufacturing, technical and scientific products	35.80	11.9	1,439	12.9	74,844	12.9
Sales representatives, wholesale and manufacturing, except technical and scientific products	27.15	3.5	1,098	3.3	57,109	3.3
Miscellaneous sales and related workers	26.77	10.8	1,072	11.0	55,756	11.0
Office and administrative support occupations	17.68	1.8	692	1.7	35,863	1.7
First-line supervisors/managers of office and administrative support workers	29.28	4.8	1,154	4.7	60,017	4.7
Switchboard operators, including answering service	12.72	6.0	493	7.0	25,626	7.0
Financial clerks	16.31	2.5	636	2.9	33,046	2.9
Billing and posting clerks and machine operators	15.25	4.9	596	5.3	30,975	5.3
Bookkeeping, accounting, and auditing clerks	17.83	4.6	692	3.6	35,988	3.6
Payroll and timekeeping clerks	20.35	12.6	797	14.3	41,461	14.3
Tellers	13.57	1.6	529	2.6	27,488	2.6
Brokerage clerks	18.88	6.3	726	5.8	37,738	5.8

See footnotes at end of table.

RSE Table 12

**Full-time¹ private industry 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						
Customer service representatives	\$18.86	6.3%	\$737	5.7%	\$38,304	5.7%
Order clerks	18.70	2.6	736	3.0	38,260	3.0
Receptionists and information clerks	13.63	1.0	531	1.3	27,111	1.3
Dispatchers	17.34	4.2	710	5.5	36,916	5.5
Dispatchers, except police, fire, and ambulance	17.34	4.4	712	5.9	36,999	5.9
Production, planning, and expediting clerks	21.86	4.4	874	4.5	45,430	4.5
Shipping, receiving, and traffic clerks	15.54	6.7	619	6.4	32,179	6.4
Stock clerks and order fillers	13.82	5.5	550	5.7	28,585	5.7
Weighers, measurers, checkers, and samplers, recordkeeping	13.70	10.2	548	10.2	28,491	10.2
Secretaries and administrative assistants	19.42	1.9	761	1.9	39,368	1.9
Executive secretaries and administrative assistants	22.58	2.6	884	2.3	45,983	2.3
Medical secretaries	16.84	2.9	660	3.2	34,301	3.2
Secretaries, except legal, medical, and executive	17.81	4.8	695	4.6	35,593	4.6
Computer operators	17.75	10.1	708	10.3	36,820	10.3
Data entry and information processing workers	13.40	9.3	525	9.5	26,493	9.5
Data entry keyers	13.18	8.4	518	8.8	26,095	8.8
Insurance claims and policy processing clerks	16.97	2.4	644	2.5	33,471	2.5
Mail clerks and mail machine operators, except postal service	14.66	4.2	574	5.1	29,859	5.1
Office clerks, general	17.71	5.8	691	5.8	35,923	5.8
Construction and extraction occupations	24.73	2.8	989	2.8	50,554	2.8
First-line supervisors/managers of construction trades and extraction workers	35.86	5.1	1,436	5.1	74,691	5.1
Carpenters	24.11	9.8	964	9.8	50,152	9.8
Construction laborers	22.18	8.7	887	8.7	43,541	8.7
Construction equipment operators	35.19	12.4	1,408	12.4	71,827	12.4
Operating engineers and other construction equipment operators	35.19	12.4	1,408	12.4	71,827	12.4
Electricians	23.26	4.9	934	4.6	48,567	4.6
Pipelayers, plumbers, pipefitters, and steamfitters	28.42	12.9	1,136	12.9	59,090	12.9
Plumbers, pipefitters, and steamfitters	28.42	12.9	1,136	12.9	59,090	12.9

See footnotes at end of table.

RSE Table 12

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

Occupation ²	Hourly earnings ³		Weekly earnings ⁵		Annual earnings ⁶	
	Mean	Relative error ⁴	Mean	Relative error ⁴	Mean	Relative error ⁴
Installation, maintenance, and repair occupations	\$22.52	0.6%	\$902	0.7%	\$46,747	0.7%
First-line supervisors/managers of mechanics, installers, and repairers	31.12	6.2	1,281	6.1	66,590	6.1
Radio and telecommunications equipment installers and repairers	29.10	.9	1,162	1.0	60,432	1.0
Telecommunications equipment installers and repairers, except line installers	29.10	.9	1,162	1.0	60,432	1.0
Miscellaneous electrical and electronic equipment mechanics, installers, and repairers	23.77	18.4	951	18.4	49,445	18.4
Aircraft mechanics and service technicians ..	28.60	3.4	1,144	3.4	59,491	3.4
Automotive technicians and repairers	22.07	12.8	889	13.5	46,252	13.5
Automotive service technicians and mechanics	22.28	13.8	895	14.2	46,558	14.2
Bus and truck mechanics and diesel engine specialists	19.03	3.2	763	3.3	39,659	3.3
Heating, air conditioning, and refrigeration mechanics and installers	23.25	9.8	930	9.8	48,356	9.8
Industrial machinery installation, repair, and maintenance workers	18.64	3.5	739	3.6	38,343	3.6
Industrial machinery mechanics	21.67	7.7	850	7.9	44,215	7.9
Maintenance and repair workers, general ..	17.81	2.4	708	2.5	36,630	2.5
Maintenance workers, machinery	16.88	5.8	675	5.8	35,113	5.8
Line installers and repairers	26.26	6.9	1,050	6.9	54,619	6.9
Telecommunications line installers and repairers	24.77	8.2	991	8.2	51,519	8.2
Miscellaneous installation, maintenance, and repair workers	13.14	8.2	526	8.2	25,100	8.2
Production occupations	15.40	4.3	613	4.3	31,892	4.3
First-line supervisors/managers of production and operating workers	25.73	10.0	1,027	10.3	53,428	10.3
Electrical, electronics, and electromechanical assemblers	14.74	9.7	590	9.7	30,655	9.7
Electrical and electronic equipment assemblers	17.15	10.4	686	10.4	35,677	10.4
Electromechanical equipment assemblers ..	13.55	4.4	542	4.4	28,187	4.4
Structural metal fabricators and fitters	17.94	18.3	718	18.3	37,317	18.3
Miscellaneous assemblers and fabricators	12.66	5.1	503	4.9	26,159	4.9
Butchers and other meat, poultry, and fish processing workers	16.82	8.6	673	8.6	34,984	8.6
Butchers and meat cutters	17.41	9.0	697	9.0	36,219	9.0

See footnotes at end of table.

RSE Table 12

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

Occupation ²	Hourly earnings ³		Weekly earnings ⁵		Annual earnings ⁶	
	Mean	Relative error ⁴	Mean	Relative error ⁴	Mean	Relative error ⁴
Production occupations –Continued						
Computer control programmers and operators	\$15.00	7.7%	\$600	7.7%	\$31,204	7.7%
Computer-controlled machine tool operators, metal and plastic	12.82	13.7	513	13.7	26,661	13.7
Forming machine setters, operators, and tenders, metal and plastic	14.50	13.0	580	13.0	30,153	13.0
Extruding and drawing machine setters, operators, and tenders, metal and plastic	15.81	2.5	632	2.5	32,878	2.5
Machine tool cutting setters, operators, and tenders, metal and plastic	16.09	12.4	644	12.4	33,466	12.4
Cutting, punching, and press machine setters, operators, and tenders, metal and plastic	14.69	9.5	588	9.5	30,560	9.5
Grinding, lapping, polishing, and buffing machine tool setters, operators, and tenders, metal and plastic	11.77	23.8	471	23.8	24,485	23.8
Lathe and turning machine tool setters, operators, and tenders, metal and plastic	20.20	19.3	808	19.3	42,022	19.3
Machinists	23.51	3.1	940	3.1	48,893	3.1
Molders and molding machine setters, operators, and tenders, metal and plastic	14.32	10.2	573	10.2	29,783	10.2
Molding, coremaking, and casting machine setters, operators, and tenders, metal and plastic	13.74	10.0	550	10.0	28,579	10.0
Multiple machine tool setters, operators, and tenders, metal and plastic	12.00	16.0	456	19.5	23,720	19.5
Tool and die makers	23.38	9.3	935	9.3	48,632	9.3
Welding, soldering, and brazing workers	22.94	9.9	920	9.6	47,841	9.6
Welders, cutters, solderers, and brazers	23.12	10.4	927	10.1	48,225	10.1
Miscellaneous metalworkers and plastic workers	16.09	3.9	643	3.9	33,457	3.9
Plating and coating machine setters, operators, and tenders, metal and plastic	17.42	1.7	697	1.7	36,235	1.7
Printers	12.60	21.8	500	21.5	26,007	21.5
Printing machine operators	11.93	23.0	476	23.0	24,768	23.0
Textile machine setters, operators, and tenders	11.94	4.2	477	4.2	24,800	4.2
Woodworking machine setters, operators, and tenders	13.46	6.0	538	6.0	27,990	6.0

See footnotes at end of table.

RSE Table 12

Full-time¹ private industry 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						
Inspectors, testers, sorters, samplers, and weighers	\$15.44	8.2%	\$619	8.4%	\$32,211	8.4%
Packaging and filling machine operators and tenders	12.18	4.9	487	4.9	25,332	4.9
Painting workers	16.23	5.4	649	5.4	33,760	5.4
Miscellaneous production workers	12.18	9.0	484	8.5	25,154	8.5
Paper goods machine setters, operators, and tenders	11.63	27.6	452	25.0	23,500	25.0
Helpers--production workers	11.24	12.6	450	12.6	23,385	12.6
Transportation and material moving occupations						
First-line supervisors/managers of helpers, laborers, and material movers, hand	14.43	3.3	570	2.6	29,558	2.6
Driver/sales workers and truck drivers	22.70	9.7	913	10.8	44,450	10.8
Truck drivers, heavy and tractor-trailer	16.29	4.5	653	4.4	33,924	4.4
Truck drivers, light or delivery services	18.65	8.1	755	7.8	39,223	7.8
Dredge, excavating, and loading machine operators	14.68	9.1	588	9.1	30,556	9.1
Excavating and loading machine and dragline operators	21.64	7.2	866	7.2	44,834	7.2
Industrial truck and tractor operators	21.64	7.2	866	7.2	44,834	7.2
Laborers and material movers, hand	16.40	6.7	647	6.1	33,650	6.1
Laborers and freight, stock, and material movers, hand	11.63	2.2	464	2.3	24,110	2.3
Machine feeders and offbearers	12.42	4.1	495	4.1	25,761	4.1
Packers and packagers, hand	11.22	14.6	447	14.8	23,242	14.8
	10.05	4.7	400	4.3	20,811	4.3

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

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

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

⁴ The relative standard error (RSE) is the standard error expressed as a percent of the estimate. It can be used to calculate a "confidence interval" around a sample estimate. For more information about RSEs, see appendix A.

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

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

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

SOURCE: Bureau of Labor Statistics, National Compensation Survey.

RSE Table 13 Full-time¹ State and local government 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	\$28.10	3.6%	\$1,052	3.5%	\$47,826	3.5%
Management occupations	38.15	11.2	1,480	11.0	75,064	11.0
Education administrators	45.26	5.6	1,775	5.2	85,803	5.2
Education administrators, elementary and secondary school	47.35	7.4	1,877	6.5	88,070	6.5
Education administrators, postsecondary ..	38.41	21.4	1,446	22.8	75,180	22.8
Medical and health services managers	43.21	14.7	1,641	16.4	85,344	16.4
Business and financial operations occupations	28.41	5.1	1,099	5.9	57,127	5.9
Accountants and auditors	26.64	6.1	995	7.2	51,760	7.2
Computer and mathematical science occupations	30.60	12.4	1,182	13.8	61,478	13.8
Computer support specialists	23.59	10.0	902	11.3	46,914	11.3
Architecture and engineering occupations	29.24	.2	1,146	2.1	59,611	2.1
Life, physical, and social science occupations	32.91	19.3	1,230	19.0	58,410	19.0
Psychologists	51.23	19.4	1,882	18.8	78,058	18.8
Clinical, counseling, and school psychologists	51.23	19.4	1,882	18.8	78,058	18.8
Community and social services occupations	26.66	9.9	1,019	8.0	49,532	8.0
Counselors	35.49	4.2	1,298	2.7	56,006	2.7
Educational, vocational, and school counselors	43.47	5.4	1,495	3.5	58,061	3.5
Social workers	24.85	10.0	956	8.6	48,757	8.6
Child, family, and school social workers ..	24.90	9.9	953	8.5	48,464	8.5
Miscellaneous community and social service specialists	20.89	12.2	826	10.3	41,989	10.3
Social and human service assistants	17.63	7.8	705	4.4	35,366	4.4
Legal occupations	24.68	7.7	927	10.0	48,213	10.0
Education, training, and library occupations	37.71	3.1	1,301	3.0	48,934	3.0
Postsecondary teachers	51.80	11.3	1,878	14.0	71,496	14.0
Miscellaneous postsecondary teachers	47.66	9.9	1,593	11.0	59,091	11.0
Primary, secondary, and special education school teachers	42.61	1.3	1,477	1.3	54,528	1.3
Preschool and kindergarten teachers	45.51	8.8	1,576	8.7	58,122	8.7
Kindergarten teachers, except special education	45.10	10.5	1,562	10.4	57,647	10.4
Elementary and middle school teachers	42.58	1.4	1,476	1.3	54,583	1.3

See footnotes at end of table.

RSE Table 13 Full-time¹ State and local government 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						
Elementary school teachers, except special education	\$42.68	1.6%	\$1,481	1.6%	\$54,684	1.6%
Middle school teachers, except special and vocational education	42.24	2.5	1,463	2.1	54,251	2.1
Secondary school teachers	42.64	1.1	1,475	1.4	54,371	1.4
Secondary school teachers, except special and vocational education	42.87	1.1	1,484	1.2	54,716	1.2
Special education teachers	41.82	6.0	1,453	5.3	53,413	5.3
Special education teachers, preschool, kindergarten, and elementary school	44.40	3.9	1,541	5.5	56,461	5.5
Other teachers and instructors	28.11	12.7	974	13.1	40,172	13.1
Librarians	27.66	9.0	1,013	9.1	49,898	9.1
Teacher assistants	14.42	4.8	469	4.0	17,380	4.0
Healthcare practitioner and technical occupations	27.94	10.7	1,064	9.7	50,870	9.7
Registered nurses	29.00	10.6	1,114	10.3	53,118	10.3
Therapists	43.72	11.0	1,502	10.6	58,001	10.6
Healthcare support occupations	14.10	7.1	553	6.9	28,336	6.9
Nursing, psychiatric, and home health aides	13.56	8.3	533	8.2	27,702	8.2
Protective service occupations	24.51	3.9	981	4.0	50,964	4.0
First-line supervisors/managers, law enforcement workers	33.89	11.1	1,346	11.1	69,980	11.1
First-line supervisors/managers of fire fighting and prevention workers	29.37	4.5	1,294	6.5	67,306	6.5
Fire fighters	22.25	5.2	952	5.1	49,498	5.1
Bailiffs, correctional officers, and jailers	22.79	4.4	891	3.8	46,340	3.8
Correctional officers and jailers	21.90	3.1	862	2.7	44,824	2.7
Police officers	25.49	7.3	997	7.4	51,854	7.4
Police and sheriff's patrol officers	25.49	7.3	997	7.4	51,854	7.4
Food preparation and serving related occupations	14.29	9.1	515	9.8	21,308	9.8
Cooks	15.31	14.2	560	17.9	22,973	17.9
Cooks, institution and cafeteria	15.31	14.2	560	17.9	22,973	17.9
Building and grounds cleaning and maintenance occupations	16.30	3.8	650	3.7	31,831	3.7
Building cleaning workers	15.36	3.6	612	3.7	31,163	3.7

See footnotes at end of table.

RSE Table 13 Full-time¹ State and local government 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
Building and grounds cleaning and maintenance occupations –Continued						
Janitors and cleaners, except maids and housekeeping cleaners	\$15.36	3.8%	\$612	3.9%	\$31,130	3.9%
Office and administrative support occupations	19.39	3.6	723	3.5	36,889	3.5
Financial clerks	18.26	5.8	637	9.9	32,635	9.9
Bookkeeping, accounting, and auditing clerks	17.87	8.2	598	13.8	30,391	13.8
Dispatchers	23.18	7.5	887	6.4	46,106	6.4
Secretaries and administrative assistants	19.03	6.1	719	5.9	36,337	5.9
Executive secretaries and administrative assistants	21.04	8.3	806	7.0	41,890	7.0
Secretaries, except legal, medical, and executive	17.15	6.7	640	7.7	31,530	7.7
Data entry and information processing workers	16.15	6.8	605	3.9	31,466	3.9
Office clerks, general	17.56	4.1	665	2.6	34,226	2.6
Construction and extraction occupations	23.12	5.1	910	4.7	47,322	4.7
Installation, maintenance, and repair occupations	21.11	4.4	841	4.2	43,754	4.2
Industrial machinery installation, repair, and maintenance workers	19.37	.7	775	.7	40,299	.7
Maintenance and repair workers, general ..	19.37	.7	775	.7	40,299	.7
Production occupations	20.64	15.0	826	15.0	42,933	15.0
Transportation and material moving occupations	19.27	8.6	733	10.6	34,589	10.6
Bus drivers	19.49	7.0	652	13.4	27,285	13.4

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

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

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

⁴ The relative standard error (RSE) is the standard error expressed as a percent of the estimate. It can be used to calculate a "confidence interval" around a sample estimate. For more information about RSEs, see appendix A.

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

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

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

SOURCE: Bureau of Labor Statistics, National Compensation Survey.

RSE Table 15

Private industry establishments with fewer than 100 workers: Relative standard errors of mean hourly, weekly, and annual earnings for full-time workers

Occupation ¹	Hourly earnings ²		Weekly earnings ⁴		Annual earnings ⁵	
	Mean	Relative error ³	Mean	Relative error ³	Mean	Relative error ³
All workers	\$21.30	4.0%	\$843	3.9%	\$43,132	3.9%
Management occupations	39.52	7.0	1,620	5.8	84,139	5.8
General and operations managers	48.96	15.2	2,015	14.4	104,773	14.4
Marketing and sales managers	52.24	3.3	2,083	2.7	108,291	2.7
Marketing managers	49.48	18.0	1,992	17.0	103,572	17.0
Sales managers	53.82	7.1	2,133	7.3	110,934	7.3
Financial managers	34.44	12.2	1,399	12.0	72,725	12.0
Education administrators	30.36	22.4	1,263	31.2	63,187	31.2
Business and financial operations occupations	29.82	6.9	1,210	9.1	59,804	9.1
Buyers and purchasing agents	27.74	2.9	1,147	3.2	59,645	3.2
Purchasing agents, except wholesale, retail, and farm products	23.75	6.1	973	4.5	50,585	4.5
Accountants and auditors	29.25	9.5	1,144	8.7	59,506	8.7
Financial analysts and advisors	43.92	16.2	1,698	17.9	88,290	17.9
Computer and mathematical science occupations	40.13	3.8	1,632	5.2	84,879	5.2
Computer software engineers	48.55	2.5	2,004	2.4	104,188	2.4
Computer systems analysts	40.53	.5	1,662	.6	86,431	.6
Architecture and engineering occupations	31.59	8.6	1,269	8.3	65,990	8.3
Engineers	41.96	10.9	1,692	10.5	87,960	10.5
Life, physical, and social science occupations	32.91	14.7	1,317	14.7	68,461	14.7
Community and social services occupations	20.04	12.8	760	12.3	37,543	12.3
Social workers	18.53	9.5	711	9.0	36,168	9.0
Education, training, and library occupations	20.41	18.3	764	15.3	33,957	15.3
Primary, secondary, and special education school teachers	20.74	20.7	789	18.3	34,605	18.3
Preschool and kindergarten teachers	13.43	5.4	526	5.7	25,436	5.7
Preschool teachers, except special education	13.27	5.8	521	6.1	25,155	6.1
Arts, design, entertainment, sports, and media occupations	26.50	9.9	1,054	9.9	54,825	9.9
Healthcare practitioner and technical occupations	29.07	26.3	1,126	23.1	58,550	23.1

See footnotes at end of table.

RSE Table 15

Private industry establishments with fewer than 100 workers: Relative standard errors of mean hourly, weekly, and annual earnings for full-time workers — Continued

Occupation ¹	Hourly earnings ²		Weekly earnings ⁴		Annual earnings ⁵	
	Mean	Relative error ³	Mean	Relative error ³	Mean	Relative error ³
Healthcare support occupations	\$14.72	4.5%	\$559	5.1%	\$29,086	5.1%
Nursing, psychiatric, and home health aides	11.95	.5	460	1.5	23,924	1.5
Miscellaneous healthcare support occupations	15.95	5.2	602	6.4	31,322	6.4
Dental assistants	19.44	4.7	696	5.2	36,205	5.2
Food preparation and serving related occupations	10.60	8.4	407	8.1	20,736	8.1
First-line supervisors/managers, food preparation and serving workers	18.77	5.7	785	8.4	40,836	8.4
First-line supervisors/managers of food preparation and serving workers	18.36	10.5	778	11.9	40,470	11.9
Cooks	12.55	2.5	494	3.4	25,696	3.4
Cooks, restaurant	13.20	3.7	510	3.6	26,524	3.6
Food service, tipped	5.76	38.3	212	40.2	10,427	40.2
Waiters and waitresses	5.60	47.6	208	48.8	10,094	48.8
Fast food and counter workers	8.67	5.6	323	3.8	16,315	3.8
Counter attendants, cafeteria, food concession, and coffee shop	8.53	5.7	317	4.1	15,978	4.1
Dishwashers	8.92	4.4	339	1.9	17,639	1.9
Building and grounds cleaning and maintenance occupations	17.32	16.5	689	16.7	33,690	16.7
Janitors and cleaners, except maids and housekeeping cleaners	12.61	11.1	478	12.3	24,859	12.3
Grounds maintenance workers	15.08	2.9	603	2.9	24,397	2.9
Landscaping and groundskeeping workers	15.08	2.9	603	2.9	24,397	2.9
Personal care and service occupations	12.04	2.6	460	2.5	22,448	2.5
Child care workers	11.20	.9	445	1.4	23,056	1.4
Sales and related occupations	20.63	6.9	827	7.0	42,862	7.0
First-line supervisors/managers, sales workers	19.25	3.6	787	3.4	40,910	3.4
First-line supervisors/managers of retail sales workers	16.38	6.6	675	6.3	35,091	6.3
Retail sales workers	13.16	6.9	521	7.9	26,903	7.9
Cashiers, all workers	10.16	2.9	386	5.0	20,073	5.0
Cashiers	10.16	2.9	386	5.0	20,073	5.0
Counter and rental clerks and parts salespersons	12.52	17.2	501	17.2	25,933	17.2
Counter and rental clerks	9.86	10.5	394	10.5	20,360	10.5
Retail salespersons	15.15	12.2	609	12.9	31,287	12.9

See footnotes at end of table.

RSE Table 15

Private industry establishments with fewer than 100 workers: Relative standard errors of mean hourly, weekly, and annual earnings for full-time workers — Continued

Occupation ¹	Hourly earnings ²		Weekly earnings ⁴		Annual earnings ⁵	
	Mean	Relative error ³	Mean	Relative error ³	Mean	Relative error ³
Sales and related occupations –Continued						
Insurance sales agents	\$27.12	7.5%	\$1,039	5.5%	\$54,036	5.5%
Sales representatives, wholesale and manufacturing	28.31	3.6	1,148	3.7	59,709	3.7
Sales representatives, wholesale and manufacturing, technical and scientific products	31.86	21.4	1,275	21.4	66,275	21.4
Sales representatives, wholesale and manufacturing, except technical and scientific products	27.40	3.7	1,115	4.4	57,990	4.4
Miscellaneous sales and related workers	30.06	7.3	1,203	7.3	62,533	7.3
Office and administrative support occupations	17.05	1.8	666	2.0	34,639	2.0
First-line supervisors/managers of office and administrative support workers	27.03	6.8	1,033	4.6	53,739	4.6
Financial clerks	15.84	3.8	616	4.6	32,006	4.6
Billing and posting clerks and machine operators	15.36	8.0	596	8.0	31,017	8.0
Bookkeeping, accounting, and auditing clerks	17.66	6.2	687	5.5	35,709	5.5
Tellers	13.64	1.9	530	3.1	27,563	3.1
Customer service representatives	16.85	7.0	656	5.6	34,127	5.6
Receptionists and information clerks	13.97	2.0	539	3.2	28,040	3.2
Dispatchers	18.75	5.6	787	7.5	40,930	7.5
Dispatchers, except police, fire, and ambulance	18.75	5.6	787	7.5	40,930	7.5
Shipping, receiving, and traffic clerks	17.05	10.5	675	10.0	35,123	10.0
Stock clerks and order fillers	12.34	7.4	493	7.4	25,660	7.4
Secretaries and administrative assistants	19.13	4.4	754	4.3	39,200	4.3
Executive secretaries and administrative assistants	22.36	7.2	874	6.9	45,460	6.9
Medical secretaries	17.40	7.5	677	8.8	35,226	8.8
Secretaries, except legal, medical, and executive	17.84	7.7	711	7.6	36,995	7.6
Insurance claims and policy processing clerks	16.92	4.2	621	4.1	32,303	4.1
Office clerks, general	18.14	5.1	711	4.5	36,951	4.5
Construction and extraction occupations	22.63	4.4	905	4.3	45,994	4.3
Carpenters	23.55	11.1	942	11.1	48,979	11.1
Construction laborers	22.33	9.0	893	9.0	43,745	9.0
Construction equipment operators	35.48	12.5	1,419	12.5	72,644	12.5

See footnotes at end of table.

RSE Table 15

Private industry establishments with fewer than 100 workers: Relative standard errors of mean hourly, weekly, and annual earnings for full-time workers — Continued

Occupation ¹	Hourly earnings ²		Weekly earnings ⁴		Annual earnings ⁵	
	Mean	Relative error ³	Mean	Relative error ³	Mean	Relative error ³
Construction and extraction occupations						
–Continued						
Operating engineers and other construction equipment operators	\$35.48	12.5%	\$1,419	12.5%	\$72,644	12.5%
Electricians	20.26	8.0	815	7.5	42,391	7.5
Installation, maintenance, and repair occupations	21.36	3.4	855	3.4	44,201	3.4
Automotive technicians and repairers	21.69	13.5	868	13.5	45,120	13.5
Automotive service technicians and mechanics	21.87	14.0	875	14.0	45,485	14.0
Heating, air conditioning, and refrigeration mechanics and installers	19.09	9.2	764	9.2	39,712	9.2
Industrial machinery installation, repair, and maintenance workers	16.36	4.5	650	4.2	33,572	4.2
Maintenance and repair workers, general ..	16.08	6.8	643	6.8	33,154	6.8
Line installers and repairers	28.71	7.6	1,148	7.6	59,716	7.6
Production occupations	14.80	6.7	587	6.5	30,550	6.5
First-line supervisors/managers of production and operating workers	26.11	19.2	1,018	20.0	52,944	20.0
Miscellaneous assemblers and fabricators	13.41	9.7	529	9.2	27,514	9.2
Butchers and other meat, poultry, and fish processing workers	15.95	6.2	638	6.2	33,178	6.2
Forming machine setters, operators, and tenders, metal and plastic	14.07	17.2	563	17.2	29,267	17.2
Machine tool cutting setters, operators, and tenders, metal and plastic	11.09	21.6	443	21.6	23,059	21.6
Molders and molding machine setters, operators, and tenders, metal and plastic	15.36	17.0	614	17.0	31,948	17.0
Molding, coremaking, and casting machine setters, operators, and tenders, metal and plastic	14.51	21.1	581	21.1	30,190	21.1
Printers	16.62	12.6	656	12.7	34,098	12.7
Inspectors, testers, sorters, samplers, and weighers	13.09	12.0	524	12.0	27,236	12.0
Miscellaneous production workers	11.31	9.4	453	9.4	23,530	9.4
Transportation and material moving occupations	14.33	3.5	564	4.4	29,241	4.4
Driver/sales workers and truck drivers	15.73	5.4	632	6.1	32,846	6.1
Truck drivers, heavy and tractor-trailer	17.96	10.2	733	10.6	38,103	10.6
Truck drivers, light or delivery services	13.89	5.3	555	5.3	28,881	5.3

See footnotes at end of table.

RSE Table 15

Private industry establishments with fewer than 100 workers: Relative standard errors of mean hourly, weekly, and annual earnings for full-time workers — Continued

Occupation ¹	Hourly earnings ²		Weekly earnings ⁴		Annual earnings ⁵	
	Mean	Relative error ³	Mean	Relative error ³	Mean	Relative error ³
Transportation and material moving occupations –Continued						
Dredge, excavating, and loading machine operators	\$21.46	8.3%	\$858	8.3%	\$44,639	8.3%
Excavating and loading machine and dragline operators	21.46	8.3	858	8.3	44,639	8.3
Industrial truck and tractor operators	16.45	15.5	646	15.9	33,578	15.9
Laborers and material movers, hand	12.13	8.4	484	8.6	25,163	8.6
Laborers and freight, stock, and material movers, hand	13.15	9.8	526	9.8	27,349	9.8
Machine feeders and offbearers	10.74	14.5	429	14.5	22,329	14.5
Packers and packagers, hand	10.32	9.6	408	8.7	21,198	8.7

¹ A classification system including about 800 individual occupations is used to cover all workers in the civilian economy. See appendix B for more information.

² 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.

³ The relative standard error (RSE) is the standard error expressed as a percent of the estimate. It can be used to calculate a "confidence interval" around a sample estimate. For more information about RSEs, see appendix A.

⁴ Mean weekly earnings are the straight-time weekly wages or salaries paid to employees.

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

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

SOURCE: Bureau of Labor Statistics, National Compensation Survey.

RSE Table 16

Private industry establishments with 100 workers or more: Relative standard errors of mean hourly, weekly, and annual earnings for full-time workers

Occupation ¹	Hourly earnings ²		Weekly earnings ⁴		Annual earnings ⁵	
	Mean	Relative error ³	Mean	Relative error ³	Mean	Relative error ³
All workers	\$27.22	1.1%	\$1,075	1.3%	\$55,559	1.3%
Management occupations	48.86	7.2	1,965	7.9	102,156	7.9
General and operations managers	59.30	19.9	2,584	18.4	134,351	18.4
Marketing and sales managers	51.51	13.5	2,106	12.6	109,537	12.6
Marketing managers	59.89	9.3	2,442	8.7	126,993	8.7
Sales managers	34.14	6.2	1,404	6.0	73,009	6.0
Administrative services managers	40.43	6.9	1,607	7.6	83,561	7.6
Computer and information systems managers	55.53	6.8	2,204	5.4	114,587	5.4
Financial managers	54.59	4.2	2,204	6.9	114,606	6.9
Human resources managers	47.27	33.1	2,098	27.2	109,075	27.2
Purchasing managers	28.79	17.7	1,125	17.4	58,521	17.4
Construction managers	55.46	10.4	2,394	9.8	124,464	9.8
Education administrators	37.78	7.0	1,363	6.7	70,816	6.7
Education administrators, elementary and secondary school	38.72	11.6	1,425	13.3	73,339	13.3
Education administrators, postsecondary ..	40.70	6.3	1,472	4.8	76,532	4.8
Engineering managers	59.69	9.2	2,441	11.1	126,935	11.1
Medical and health services managers	49.88	13.0	2,051	9.3	106,671	9.3
Business and financial operations occupations	34.04	2.3	1,362	3.4	70,804	3.4
Buyers and purchasing agents	35.28	4.9	1,417	6.5	73,669	6.5
Wholesale and retail buyers, except farm products	24.83	22.5	950	21.0	49,416	21.0
Purchasing agents, except wholesale, retail, and farm products	38.50	7.1	1,570	8.7	81,640	8.7
Claims adjusters, appraisers, examiners, and investigators	26.44	5.6	1,015	5.5	52,757	5.5
Claims adjusters, examiners, and investigators	27.03	8.5	1,038	8.6	53,960	8.6
Human resources, training, and labor relations specialists	30.82	1.6	1,265	2.7	65,764	2.7
Compensation, benefits, and job analysis specialists	28.98	4.6	1,201	5.9	62,478	5.9
Training and development specialists	28.64	6.5	1,149	6.4	59,751	6.4
Management analysts	41.34	4.7	1,626	5.0	84,565	5.0
Accountants and auditors	27.08	4.9	1,043	3.9	54,229	3.9
Financial analysts and advisors	42.59	13.3	1,788	9.7	92,989	9.7
Financial analysts	41.71	13.4	1,813	2.6	94,267	2.6
Insurance underwriters	46.36	29.4	1,756	32.2	91,325	32.2

See footnotes at end of table.

RSE Table 16

Private industry establishments with 100 workers or more: Relative standard errors of mean hourly, weekly, and annual earnings for full-time workers — Continued

Occupation ¹	Hourly earnings ²		Weekly earnings ⁴		Annual earnings ⁵	
	Mean	Relative error ³	Mean	Relative error ³	Mean	Relative error ³
Computer and mathematical science occupations	\$38.48	1.5%	\$1,527	1.2%	\$79,422	1.2%
Computer programmers	31.54	8.7	1,241	8.8	64,523	8.8
Computer software engineers	44.10	4.0	1,774	3.8	92,248	3.8
Computer software engineers, applications	43.24	9.3	1,758	7.9	91,402	7.9
Computer software engineers, systems software	44.75	2.2	1,786	2.4	92,873	2.4
Computer support specialists	32.15	4.8	1,268	4.9	65,929	4.9
Computer systems analysts	37.13	3.0	1,468	3.3	76,311	3.3
Network and computer systems administrators	39.34	4.0	1,586	4.1	82,460	4.1
Network systems and data communications analysts	35.43	9.7	1,367	7.5	71,069	7.5
Actuaries	37.50	10.7	1,416	8.6	73,614	8.6
Operations research analysts	34.72	5.1	1,294	2.3	67,263	2.3
Architecture and engineering occupations	37.25	2.5	1,518	2.2	78,941	2.2
Engineers	41.10	1.4	1,680	1.3	87,354	1.3
Aerospace engineers	45.25	5.3	1,831	5.2	95,216	5.2
Civil engineers	32.62	11.4	1,394	9.0	72,478	9.0
Electrical and electronics engineers	41.71	4.7	1,724	3.1	89,637	3.1
Electrical engineers	39.95	5.5	1,662	1.8	86,423	1.8
Electronics engineers, except computer	42.37	5.8	1,747	4.1	90,832	4.1
Industrial engineers, including health and safety	37.56	5.8	1,513	5.8	78,652	5.8
Industrial engineers	38.21	5.6	1,539	5.4	80,041	5.4
Mechanical engineers	43.25	9.2	1,741	9.0	90,512	9.0
Drafters	27.70	7.9	1,092	7.6	56,780	7.6
Engineering technicians, except drafters	24.45	6.0	974	6.0	50,664	6.0
Electrical and electronic engineering technicians	24.06	5.4	962	5.4	50,036	5.4
Industrial engineering technicians	25.49	11.6	1,012	11.7	52,644	11.7
Life, physical, and social science occupations	32.12	21.7	1,264	22.3	65,461	22.3
Physical scientists	42.75	7.4	1,693	7.7	88,018	7.7
Chemists and materials scientists	42.13	8.8	1,668	9.1	86,713	9.1
Materials scientists	45.10	8.1	1,804	8.1	93,818	8.1
Market and survey researchers	46.90	20.8	1,906	20.0	99,115	20.0
Market research analysts	46.90	20.8	1,906	20.0	99,115	20.0
Miscellaneous life, physical, and social science technicians	19.65	5.0	781	5.1	39,975	5.1
Community and social services occupations	17.00	2.9	663	3.8	34,122	3.8

See footnotes at end of table.

RSE Table 16

Private industry establishments with 100 workers or more: Relative standard errors of mean hourly, weekly, and annual earnings for full-time workers — Continued

Occupation ¹	Hourly earnings ²		Weekly earnings ⁴		Annual earnings ⁵	
	Mean	Relative error ³	Mean	Relative error ³	Mean	Relative error ³
Community and social services occupations –Continued						
Counselors	\$17.53	3.4%	\$681	3.0%	\$34,428	3.0%
Social workers	17.62	5.5	702	5.4	36,466	5.4
Legal occupations	60.44	8.3	2,325	5.9	120,892	5.9
Lawyers	83.22	7.2	3,284	6.4	170,746	6.4
Paralegals and legal assistants	26.12	6.5	967	12.3	50,304	12.3
Education, training, and library occupations	40.51	6.3	1,555	7.6	68,997	7.6
Postsecondary teachers	54.21	1.7	2,100	4.2	89,720	4.2
Math and computer teachers, postsecondary	57.01	9.6	2,188	8.4	79,560	8.4
Mathematical science teachers, postsecondary	57.01	9.6	2,188	8.4	79,560	8.4
Life sciences teachers, postsecondary	47.55	.8	2,101	6.2	102,752	6.2
Biological science teachers, postsecondary	47.55	.8	2,101	6.2	102,752	6.2
Physical sciences teachers, postsecondary	62.69	16.4	2,428	15.1	107,255	15.1
Social sciences teachers, postsecondary	50.25	9.2	1,823	7.8	79,980	7.8
Arts, communications, and humanities teachers, postsecondary	55.77	14.3	2,011	10.9	77,718	10.9
English language and literature teachers, postsecondary	66.13	31.1	2,247	25.2	92,874	25.2
Miscellaneous postsecondary teachers	47.38	10.7	1,765	10.9	72,170	10.9
Primary, secondary, and special education school teachers	18.86	16.3	735	16.8	32,904	16.8
Librarians	27.08	18.0	1,043	16.4	52,927	16.4
Arts, design, entertainment, sports, and media occupations	30.75	9.5	1,189	7.8	61,527	7.8
Athletes, coaches, umpires, and related workers	29.15	5.8	1,092	7.1	53,192	7.1
Coaches and scouts	30.66	10.4	1,042	5.9	49,337	5.9
Writers and editors	39.46	2.5	1,476	4.8	76,727	4.8
Editors	36.23	5.6	1,287	4.6	66,914	4.6
Healthcare practitioner and technical occupations	29.15	3.0	1,119	3.2	58,155	3.2
Pharmacists	45.55	2.6	1,765	3.8	91,785	3.8
Physicians and surgeons	43.85	39.4	1,756	39.2	91,307	39.2
Registered nurses	33.79	5.2	1,253	5.2	65,178	5.2
Therapists	29.99	2.6	1,198	2.6	62,297	2.6

See footnotes at end of table.

RSE Table 16

Private industry establishments with 100 workers or more: Relative standard errors of mean hourly, weekly, and annual earnings for full-time workers — Continued

Occupation ¹	Hourly earnings ²		Weekly earnings ⁴		Annual earnings ⁵	
	Mean	Relative error ³	Mean	Relative error ³	Mean	Relative error ³
Healthcare practitioner and technical occupations –Continued						
Respiratory therapists	\$30.54	6.1%	\$1,213	6.1%	\$63,101	6.1%
Clinical laboratory technologists and technicians	20.44	6.2	808	6.1	42,020	6.1
Medical and clinical laboratory technologists	22.29	15.1	892	15.1	46,373	15.1
Medical and clinical laboratory technicians	17.87	5.3	695	3.7	36,158	3.7
Health diagnosing and treating practitioner support technicians	19.38	12.7	771	12.4	39,648	12.4
Licensed practical and licensed vocational nurses	23.27	4.3	894	5.7	46,505	5.7
Medical records and health information technicians	15.58	1.8	591	3.9	30,721	3.9
Healthcare support occupations	13.86	2.1	540	2.9	28,054	2.9
Nursing, psychiatric, and home health aides	13.45	1.9	521	3.0	27,076	3.0
Nursing aides, orderlies, and attendants	13.37	1.8	517	3.0	26,909	3.0
Psychiatric aides	14.00	8.8	540	4.2	28,079	4.2
Miscellaneous healthcare support occupations	14.93	3.7	592	3.5	30,683	3.5
Medical transcriptionists	15.91	9.1	631	9.3	32,814	9.3
Protective service occupations	15.32	6.3	611	6.4	31,790	6.4
Security guards and gaming surveillance officers	13.98	7.0	559	6.9	29,053	6.9
Security guards	13.98	7.0	559	6.9	29,053	6.9
Food preparation and serving related occupations	13.06	3.4	511	3.7	26,045	3.7
First-line supervisors/managers, food preparation and serving workers	17.98	.6	762	4.7	37,542	4.7
First-line supervisors/managers of food preparation and serving workers	17.96	.6	762	4.8	37,500	4.8
Cooks	15.18	6.1	595	5.5	30,639	5.5
Cooks, institution and cafeteria	15.51	5.2	607	4.6	31,209	4.6
Food preparation workers	13.55	20.5	539	20.5	28,045	20.5
Food service, tipped	9.77	8.5	369	8.8	18,698	8.8
Waiters and waitresses	8.81	22.9	309	21.2	16,076	21.2
Fast food and counter workers	12.18	9.0	462	10.8	23,034	10.8
Combined food preparation and serving workers, including fast food	12.66	15.1	491	17.4	25,511	17.4

See footnotes at end of table.

RSE Table 16

Private industry establishments with 100 workers or more: Relative standard errors of mean hourly, weekly, and annual earnings for full-time workers — Continued

Occupation ¹	Hourly earnings ²		Weekly earnings ⁴		Annual earnings ⁵	
	Mean	Relative error ³	Mean	Relative error ³	Mean	Relative error ³
Building and grounds cleaning and maintenance occupations	\$13.17	2.2%	\$518	2.1%	\$26,937	2.1%
First-line supervisors/managers, building and grounds cleaning and maintenance workers	19.75	1.3	787	1.4	40,934	1.4
Building cleaning workers	12.69	2.8	499	3.4	25,950	3.4
Janitors and cleaners, except maids and housekeeping cleaners	13.47	2.5	530	2.3	27,549	2.3
Maids and housekeeping cleaners	11.34	10.1	446	11.2	23,176	11.2
Grounds maintenance workers	14.37	2.2	559	2.3	29,085	2.3
Landscaping and groundskeeping workers	14.37	2.2	559	2.3	29,085	2.3
Personal care and service occupations	18.61	6.7	593	5.0	29,686	5.0
Sales and related occupations	26.25	10.2	1,037	9.7	53,728	9.7
First-line supervisors/managers, sales workers	25.86	16.0	1,059	17.3	53,715	17.3
First-line supervisors/managers of retail sales workers	23.29	30.8	987	35.6	51,309	35.6
Retail sales workers	12.83	2.6	499	2.5	25,861	2.5
Cashiers, all workers	10.96	3.1	425	2.9	21,820	2.9
Cashiers	10.96	3.1	425	2.9	21,820	2.9
Retail salespersons	13.39	4.5	522	4.1	27,131	4.1
Securities, commodities, and financial services sales agents	83.58	19.0	3,211	20.2	166,995	20.2
Sales representatives, wholesale and manufacturing	33.27	3.1	1,331	3.3	69,226	3.3
Sales representatives, wholesale and manufacturing, technical and scientific products	38.41	7.7	1,549	9.0	80,571	9.0
Sales representatives, wholesale and manufacturing, except technical and scientific products	26.29	9.2	1,041	10.4	54,117	10.4
Miscellaneous sales and related workers	21.50	31.3	863	32.4	44,856	32.4
Office and administrative support occupations	18.23	2.2	715	2.0	36,921	2.0
First-line supervisors/managers of office and administrative support workers	31.07	1.6	1,255	1.9	65,258	1.9
Financial clerks	17.39	1.7	682	1.4	35,464	1.4
Billing and posting clerks and machine operators	15.01	4.0	594	3.8	30,889	3.8

See footnotes at end of table.

RSE Table 16

Private industry establishments with 100 workers or more: Relative standard errors of mean hourly, weekly, and annual earnings for full-time workers — Continued

Occupation ¹	Hourly earnings ²		Weekly earnings ⁴		Annual earnings ⁵	
	Mean	Relative error ³	Mean	Relative error ³	Mean	Relative error ³
Office and administrative support occupations –Continued						
Bookkeeping, accounting, and auditing clerks	\$18.25	2.9%	\$705	2.8%	\$36,642	2.8%
Payroll and timekeeping clerks	21.43	10.3	850	10.8	44,188	10.8
Brokerage clerks	18.88	6.3	726	5.8	37,738	5.8
Customer service representatives	19.93	6.6	780	6.5	40,545	6.5
Receptionists and information clerks	13.30	1.9	523	1.0	26,247	1.0
Production, planning, and expediting clerks	22.00	3.9	879	4.0	45,708	4.0
Shipping, receiving, and traffic clerks	14.26	5.2	570	5.2	29,654	5.2
Stock clerks and order fillers	14.96	7.5	593	7.8	30,814	7.8
Secretaries and administrative assistants	19.65	1.8	766	1.6	39,496	1.6
Executive secretaries and administrative assistants	22.71	4.8	891	5.2	46,306	5.2
Medical secretaries	16.35	2.5	644	2.1	33,493	2.1
Secretaries, except legal, medical, and executive	17.79	3.8	683	3.0	34,683	3.0
Computer operators	17.75	10.1	708	10.3	36,820	10.3
Data entry and information processing workers	13.24	11.0	513	10.3	25,410	10.3
Data entry keyers	12.86	9.4	500	8.9	24,710	8.9
Insurance claims and policy processing clerks	17.00	2.9	665	3.7	34,569	3.7
Mail clerks and mail machine operators, except postal service	13.45	5.9	521	6.8	27,072	6.8
Office clerks, general	17.13	8.4	664	8.2	34,535	8.2
Construction and extraction occupations	30.68	4.8	1,227	4.7	63,774	4.7
Electricians	29.68	8.9	1,187	8.9	61,735	8.9
Pipelayers, plumbers, pipefitters, and steamfitters	32.25	6.0	1,289	6.0	67,042	6.0
Plumbers, pipefitters, and steamfitters	32.25	6.0	1,289	6.0	67,042	6.0
Installation, maintenance, and repair occupations	24.09	2.3	965	2.3	50,191	2.3
First-line supervisors/managers of mechanics, installers, and repairers	31.30	2.5	1,247	2.2	64,822	2.2
Radio and telecommunications equipment installers and repairers	29.23	1.2	1,167	1.3	60,667	1.3
Telecommunications equipment installers and repairers, except line installers	29.23	1.2	1,167	1.3	60,667	1.3
Aircraft mechanics and service technicians	28.60	3.4	1,144	3.4	59,491	3.4

See footnotes at end of table.

RSE Table 16

Private industry establishments with 100 workers or more: Relative standard errors of mean hourly, weekly, and annual earnings for full-time workers — Continued

Occupation ¹	Hourly earnings ²		Weekly earnings ⁴		Annual earnings ⁵	
	Mean	Relative error ³	Mean	Relative error ³	Mean	Relative error ³
Installation, maintenance, and repair occupations –Continued						
Heating, air conditioning, and refrigeration mechanics and installers	\$26.81	1.9%	\$1,072	1.9%	\$55,758	1.9%
Industrial machinery installation, repair, and maintenance workers	20.64	3.3	818	3.7	42,537	3.7
Industrial machinery mechanics	22.74	7.5	902	7.0	46,902	7.0
Maintenance and repair workers, general ..	20.42	4.3	804	5.0	41,826	5.0
Maintenance workers, machinery	17.49	6.7	700	6.7	36,384	6.7
Line installers and repairers	24.26	6.2	971	6.2	50,466	6.2
Electrical power-line installers and repairers	30.54	3.3	1,221	3.3	63,517	3.3
Telecommunications line installers and repairers	22.38	8.3	895	8.3	46,553	8.3
Production occupations	15.83	5.9	632	5.9	32,880	5.9
First-line supervisors/managers of production and operating workers	25.41	5.0	1,035	4.8	53,841	4.8
Electrical, electronics, and electromechanical assemblers	15.55	7.5	622	7.5	32,344	7.5
Electrical and electronic equipment assemblers	17.64	5.6	706	5.6	36,700	5.6
Electromechanical equipment assemblers	13.47	3.8	539	3.8	28,020	3.8
Miscellaneous assemblers and fabricators	11.94	5.1	477	5.1	24,829	5.1
Butchers and other meat, poultry, and fish processing workers	17.82	14.8	713	14.8	37,064	14.8
Computer-controlled machine tool operators, metal and plastic	12.29	10.3	491	10.3	25,557	10.3
Machine tool cutting setters, operators, and tenders, metal and plastic	18.52	8.8	741	8.8	38,515	8.8
Cutting, punching, and press machine setters, operators, and tenders, metal and plastic	14.99	8.1	599	8.1	31,170	8.1
Machinists	24.73	4.6	989	4.6	51,429	4.6
Molders and molding machine setters, operators, and tenders, metal and plastic	12.98	6.1	519	6.1	26,990	6.1
Molding, coremaking, and casting machine setters, operators, and tenders, metal and plastic	12.98	6.1	519	6.1	26,990	6.1
Multiple machine tool setters, operators, and tenders, metal and plastic	12.13	6.7	485	6.7	25,230	6.7
Tool and die makers	24.06	3.6	962	3.6	50,045	3.6
Welding, soldering, and brazing workers	18.87	3.8	755	3.8	39,243	3.8

See footnotes at end of table.

RSE Table 16

Private industry establishments with 100 workers or more: Relative standard errors of mean hourly, weekly, and annual earnings for full-time workers — Continued

Occupation ¹	Hourly earnings ²		Weekly earnings ⁴		Annual earnings ⁵	
	Mean	Relative error ³	Mean	Relative error ³	Mean	Relative error ³
Production occupations –Continued						
Welders, cutters, solderers, and brazers	\$19.08	4.1%	\$763	4.1%	\$39,681	4.1%
Miscellaneous metalworkers and plastic workers	16.25	3.6	650	3.6	33,792	3.6
Plating and coating machine setters, operators, and tenders, metal and plastic	17.35	2.5	694	2.5	36,087	2.5
Inspectors, testers, sorters, samplers, and weighers	17.11	5.1	688	5.5	35,782	5.5
Packaging and filling machine operators and tenders	12.18	4.9	487	4.9	25,332	4.9
Painting workers	16.57	5.6	663	5.6	34,460	5.6
Miscellaneous production workers	12.91	14.5	510	13.4	26,507	13.4
Transportation and material moving occupations						
Driver/sales workers and truck drivers	14.57	7.6	577	7.0	29,992	7.0
Truck drivers, heavy and tractor-trailer	18.01	11.9	715	11.3	37,148	11.3
Truck drivers, light or delivery services	21.96	3.3	856	4.4	44,385	4.4
Industrial truck and tractor operators	15.92	19.0	638	19.0	33,189	19.0
Laborers and material movers, hand	16.37	6.1	648	6.5	33,694	6.5
Laborers and freight, stock, and material movers, hand	11.24	5.6	448	5.4	23,293	5.4
Machine feeders and offbearers	11.72	8.5	466	8.2	24,257	8.2
Packers and packagers, hand	11.46	20.0	456	20.0	23,702	20.0
	9.89	5.4	396	5.4	20,570	5.4

¹ A classification system including about 800 individual occupations is used to cover all workers in the civilian economy. See appendix B for more information.

² 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.

³ The relative standard error (RSE) is the standard error expressed as a percent of the estimate. It can be used to calculate a "confidence interval" around a sample estimate. For more information about RSEs, see appendix A.

⁴ Mean weekly earnings are the straight-time weekly wages or salaries paid to employees.

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

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

SOURCE: Bureau of Labor Statistics, National Compensation Survey.

RSE Table 17 Union and nonunion workers: Relative standard errors¹ of mean hourly earnings² by major sector and for major occupational groups

Occupational group ³	Union			Nonunion		
	Civilian workers	Private industry workers	State and local government workers	Civilian workers	Private industry workers	State and local government workers
All workers	2.3%	2.9%	3.6%	2.2%	2.3%	10.2%
Management, professional, and related	4.2	3.9	4.9	2.3	2.4	8.5
Management, business, and financial	7.1	–	7.1	4.3	4.5	6.9
Professional and related	4.0	3.8	4.8	1.3	1.3	10.3
Service	5.5	4.0	5.0	1.0	.9	3.7
Sales and office	5.8	8.6	5.0	2.2	2.3	9.4
Sales and related	7.9	9.2	–	3.6	3.6	–
Office and administrative support	3.9	5.7	4.8	1.8	1.8	5.5
Natural resources, construction, and maintenance	3.0	3.6	3.3	1.9	1.8	15.3
Construction and extraction	3.3	3.6	3.5	2.4	2.4	17.7
Installation, maintenance, and repair	4.5	6.2	4.6	1.8	1.8	–
Production, transportation, and material moving	3.2	3.5	9.2	3.2	3.2	8.8
Production	5.4	5.7	15.8	4.6	4.6	–
Transportation and material moving ...	6.2	8.1	8.2	1.9	2.0	11.7

¹ The relative standard error (RSE) is the standard error expressed as a percent of the estimate. It can be used to calculate a "confidence interval" around a sample estimate. For more information about RSEs, see appendix A.

² 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.

³ A classification system including about 800 individual occupations is used to cover all workers in the civilian economy. See appendix B for more information.

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

SOURCE: Bureau of Labor Statistics, National Compensation Survey.

RSE Table 19

Private industry sector¹: Relative standard errors² of mean hourly earnings³ for major occupational groups

Occupational group ⁴	Goods producing		Service providing						
	Construction	Manufacturing	Trade, transportation, and utilities	Information	Financial activities	Professional and business services	Education and health services	Leisure and hospitality	Other services
	Relative error ⁵								
All workers	2.3%	5.4%	7.9%	–	–	–	3.7%	–	10.4%
Management, professional, and related	6.5	4.5	14.4	–	–	–	4.3	–	6.5
Management, business, and financial	5.7	4.1	11.6	–	–	–	9.8	–	17.1
Professional and related	4.1	5.5	17.2	–	–	–	3.6	–	9.7
Service	–	13.2	6.1	–	–	–	1.2	–	6.0
Sales and office	12.8	3.3	4.8	–	–	–	3.7	–	11.2
Sales and related	–	9.1	4.1	–	–	–	16.8	–	12.2
Office and administrative support	8.2	2.5	7.1	–	–	–	3.3	–	11.5
Natural resources, construction, and maintenance	2.9	3.9	6.3	–	–	–	6.2	–	5.3
Installation, maintenance, and repair	5.3	4.6	5.9	–	–	–	6.7	–	5.3
Production, transportation, and material moving	9.5	3.0	5.2	–	–	–	3.3	–	17.8
Production	–	3.2	18.3	–	–	–	–	–	–
Transportation and material moving	5.3	6.1	3.4	–	–	–	1.5	–	–

¹ Industry sectors are determined by the 2002 North American Industry Classification System (NAICS).

² The relative standard error (RSE) is the standard error expressed as a percent of the estimate. It can be used to calculate a "confidence interval" around a sample estimate. For more information about RSEs, see appendix A.

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 A classification system including about 800 individual occupations is used to cover all workers in the civilian

economy. See appendix B for more information.

⁵ The relative standard error (RSE) is the standard error expressed as a percent of the estimate. It can be used to calculate a "confidence interval" around a sample estimate. For more information about RSEs, see appendix A.

NOTE: Dashes indicate that data did not meet publication criteria.

SOURCE: Bureau of Labor Statistics, National Compensation Survey.

RSE Table 20

**Civilian full-time workers in hospitals: Relative standard errors
of mean hourly, weekly, and annual earnings by
work levels**

Occupation and work level ¹	Hourly earnings ²		Weekly earnings ⁴		Annual earnings ⁵	
	Mean	Relative error ³	Mean	Relative error ³	Mean	Relative error ³
All workers	\$24.08	1.5%	\$944	1.8%	\$49,094	1.8%
Level 1	10.12	8.3	403	7.8	20,950	7.8
Level 2	13.03	5.1	521	5.1	27,016	5.1
Level 3	14.40	1.7	573	1.6	29,800	1.6
Level 4	15.99	3.7	616	5.0	32,041	5.0
Level 5	18.53	2.3	741	2.3	38,506	2.3
Level 6	21.45	5.3	824	6.6	42,827	6.6
Level 7	26.07	4.7	1,028	4.9	53,461	4.9
Level 8	33.19	2.3	1,275	2.5	66,295	2.5
Level 9	33.80	3.8	1,309	1.9	67,957	1.9
Level 10	34.07	5.3	1,370	5.5	71,250	5.5
Level 11	39.81	8.6	1,592	8.6	82,803	8.6
Not able to be leveled	26.81	22.0	1,051	22.8	54,660	22.8
Management occupations	36.46	12.7	1,500	12.4	77,974	12.4
Not able to be leveled	47.97	25.4	1,868	26.5	97,128	26.5
Medical and health services managers	38.77	18.4	1,530	18.6	79,577	18.6
Business and financial operations occupations	24.53	13.0	962	13.6	50,034	13.6
Computer and mathematical science occupations						
Computer systems analysts	39.82	4.0	1,593	4.0	82,821	4.0
Life, physical, and social science occupations	25.91	26.2	1,036	26.2	53,883	26.2
Community and social services occupations	24.13	8.7	951	10.1	49,324	10.1
Social workers	27.43	8.9	1,097	8.9	56,709	8.9
Healthcare practitioner and technical occupations	31.96	2.5	1,230	3.0	63,976	3.0
Level 4	17.32	7.5	647	10.2	33,620	10.2
Level 5	22.64	3.6	903	3.6	46,945	3.6
Level 7	29.33	4.4	1,155	4.5	60,055	4.5
Level 8	35.76	4.0	1,359	4.2	70,680	4.2
Level 9	34.98	4.3	1,318	3.8	68,540	3.8
Level 10	30.84	10.7	1,244	11.0	64,671	11.0
Level 11	48.37	5.3	1,935	5.3	100,599	5.3
Not able to be leveled	34.13	12.5	1,303	14.4	67,756	14.4
Pharmacists	45.57	2.9	1,823	2.9	94,777	2.9
Physicians and surgeons	33.77	17.4	1,359	17.2	70,654	17.2
Not able to be leveled	39.06	18.1	1,562	18.1	81,249	18.1
Registered nurses	35.17	3.5	1,328	3.0	69,061	3.0

See footnotes at end of table.

RSE Table 20

Civilian full-time workers in hospitals: Relative standard errors of mean hourly, weekly, and annual earnings by work levels — Continued

Occupation and work level ¹	Hourly earnings ²		Weekly earnings ⁴		Annual earnings ⁵	
	Mean	Relative error ³	Mean	Relative error ³	Mean	Relative error ³
Healthcare practitioner and technical occupations –Continued						
Registered nurses –Continued						
Level 7	\$29.80	5.4%	\$1,166	5.5%	\$60,636	5.5%
Level 8	36.56	4.6	1,367	4.8	71,071	4.8
Level 9	34.75	5.0	1,301	4.0	67,658	4.0
Not able to be leveled	33.65	7.5	1,215	10.4	63,172	10.4
Therapists	29.91	3.5	1,194	3.5	62,092	3.5
Level 7	27.92	5.6	1,116	5.6	58,025	5.6
Level 8	31.62	2.0	1,265	2.0	65,768	2.0
Physical therapists	31.08	2.2	1,243	2.2	64,654	2.2
Respiratory therapists	30.54	6.1	1,213	6.1	63,101	6.1
Clinical laboratory technologists and technicians	22.00	9.5	843	10.3	43,826	10.3
Level 5	19.92	4.2	796	4.3	41,393	4.3
Medical and clinical laboratory technologists	28.89	3.8	1,156	3.8	60,090	3.8
Medical and clinical laboratory technicians	18.90	10.8	710	7.8	36,940	7.8
Health diagnosing and treating practitioner support technicians	20.01	9.6	800	9.6	41,624	9.6
Level 5	21.18	1.8	847	1.8	44,056	1.8
Healthcare support occupations	14.88	1.4	580	2.4	30,141	2.4
Level 2	13.20	1.6	527	1.5	27,036	1.5
Level 3	14.80	1.6	589	1.7	30,628	1.7
Level 4	15.10	2.6	574	4.6	29,849	4.6
Not able to be leveled	15.21	2.5	608	2.5	31,638	2.5
Nursing, psychiatric, and home health aides	14.55	1.1	563	2.3	29,302	2.3
Level 2	13.25	1.9	529	1.7	27,517	1.7
Level 3	14.76	1.9	587	2.1	30,525	2.1
Level 4	14.63	2.4	547	4.1	28,447	4.1
Nursing aides, orderlies, and attendants	14.71	2.8	567	4.4	29,460	4.4
Level 2	13.09	2.5	522	2.1	27,155	2.1
Level 3	15.02	2.7	595	3.2	30,930	3.2
Level 4	14.43	2.4	537	4.2	27,932	4.2
Psychiatric aides	14.20	5.2	557	3.5	28,941	3.5
Miscellaneous healthcare support occupations	15.85	1.3	632	1.4	32,647	1.4
Level 4	16.27	3.3	645	3.4	33,556	3.4
Medical transcriptionists	17.17	5.1	679	5.3	35,287	5.3
Level 4	17.19	5.4	679	5.7	35,292	5.7

See footnotes at end of table.

RSE Table 20

Civilian full-time workers in hospitals: Relative standard errors of mean hourly, weekly, and annual earnings by work levels — Continued

Occupation and work level ¹	Hourly earnings ²		Weekly earnings ⁴		Annual earnings ⁵	
	Mean	Relative error ³	Mean	Relative error ³	Mean	Relative error ³
Protective service occupations	\$15.32	2.4%	\$613	2.4%	\$31,856	2.4%
Security guards and gaming surveillance officers	15.32	2.4	613	2.4	31,856	2.4
Security guards	15.32	2.4	613	2.4	31,856	2.4
Food preparation and serving related occupations	13.97	11.9	559	11.9	29,050	11.9
Level 3	13.94	5.2	558	5.2	28,997	5.2
Cooks	16.47	7.9	659	7.9	34,262	7.9
Cooks, institution and cafeteria	16.47	7.9	659	7.9	34,262	7.9
Building and grounds cleaning and maintenance occupations	13.94	11.8	556	11.9	28,897	11.9
Level 2	12.83	4.5	513	4.5	26,679	4.5
Building cleaning workers	12.83	4.5	511	4.7	26,594	4.7
Level 2	12.83	4.5	513	4.5	26,679	4.5
Janitors and cleaners, except maids and housekeeping cleaners	13.38	3.9	535	3.9	27,833	3.9
Maids and housekeeping cleaners	12.25	7.2	487	7.6	25,315	7.6
Level 2	13.06	7.5	522	7.5	27,167	7.5
Office and administrative support occupations	15.84	3.0	627	3.0	32,588	3.0
Level 2	11.76	5.0	470	5.0	24,458	5.0
Level 3	14.46	2.6	573	2.0	29,788	2.0
Level 4	16.13	3.5	628	4.0	32,681	4.0
Level 5	17.31	3.7	692	3.7	36,007	3.7
Level 6	20.57	9.4	823	9.4	42,782	9.4
Financial clerks	16.97	2.6	678	2.6	35,244	2.6
Level 4	16.76	5.0	670	5.0	34,860	5.0
Billing and posting clerks and machine operators	16.29	3.9	650	3.9	33,812	3.9
Level 4	16.34	5.6	654	5.6	33,988	5.6
Receptionists and information clerks	12.84	5.0	514	5.0	26,713	5.0
Secretaries and administrative assistants	17.35	4.2	685	3.8	35,642	3.8
Level 4	16.45	1.0	639	1.9	33,231	1.9
Level 5	17.61	4.4	704	4.4	36,623	4.4

See footnotes at end of table.

RSE Table 20

Civilian full-time workers in hospitals: Relative standard errors of mean hourly, weekly, and annual earnings by work levels — Continued

Occupation and work level ¹	Hourly earnings ²		Weekly earnings ⁴		Annual earnings ⁵	
	Mean	Relative error ³	Mean	Relative error ³	Mean	Relative error ³
Office and administrative support occupations –Continued						
Executive secretaries and administrative assistants	\$18.81	12.5%	\$752	12.5%	\$39,128	12.5%
Medical secretaries	16.69	2.2	656	1.8	34,107	1.8
Level 4	16.46	1.1	639	1.9	33,242	1.9

¹ A classification system including about 800 individual occupations is used to cover all workers in the civilian economy. See appendix B for more information.

² 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.

³ The relative standard error (RSE) is the standard error expressed as a percent of the estimate. It can be used to calculate a "confidence interval" around a sample estimate. For more information about RSEs, see appendix A.

⁴ Mean weekly earnings are the straight-time weekly wages or salaries paid to employees.

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

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

SOURCE: Bureau of Labor Statistics, National Compensation Survey.

RSE Table 21

Civilian supervisory workers: Relative standard errors of mean weekly and annual earnings for selected management occupations

Occupation ¹	Weekly ²		Annual ⁴	
	Mean earnings	Relative error ³	Mean earnings	Relative error ³
Management occupations				
Team leader	\$1,473	10.4%	\$76,399	10.4%
First line	1,650	10.2	85,701	10.2
Second line	2,428	6.9	126,232	6.9
Third line	3,109	20.4	161,645	20.4
General and operations managers				
First line	2,057	8.5	106,964	8.5
Second line	2,915	8.9	151,596	8.9
Marketing managers				
First line	2,330	2.8	121,169	2.8
Sales managers				
First line	2,059	5.6	107,062	5.6
Computer and information systems managers				
Team leader	2,349	16.5	122,131	16.5
First line	2,204	4.0	114,597	4.0
Financial managers				
Team leader	1,235	9.0	64,236	9.0
First line	1,579	10.0	82,095	10.0
Education administrators, elementary and secondary school				
Team leader	1,705	14.0	85,644	14.0
First line	1,676	6.0	82,340	6.0
Education administrators, postsecondary				
Team leader	1,371	17.4	71,269	17.4
First line	1,511	5.8	78,597	5.8
Engineering managers				
First line	2,400	19.5	124,808	19.5
Medical and health services managers				
First line	1,933	9.2	100,511	9.2
Social and community service managers				
First line	780	13.3	40,569	13.3

¹ A classification system including about 800 individual occupations is used to cover all workers in the civilian economy. See appendix B for more information.

² Mean weekly earnings are the straight-time weekly wages or salaries paid to employees.

³ The relative standard error (RSE) is the standard error expressed as a percent of the estimate. It can be used to calculate a "confidence interval" around a sample estimate. For more information about RSEs, see appendix A.

⁴ Mean annual earnings are the straight-time annual wages or salaries paid to employees.

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

SOURCE: Bureau of Labor Statistics, National Compensation Survey.