

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	\$22.23	1.6%	\$884	1.6%	\$45,671	1.6%
Management occupations	47.92	3.5	1,968	3.7	102,285	3.7
General and operations managers	57.30	9.0	2,418	10.4	125,741	10.4
Advertising and promotions managers	26.67	26.4	1,134	33.4	58,977	33.4
Marketing and sales managers	48.06	6.0	1,935	6.1	100,640	6.1
Marketing managers	52.50	7.6	2,067	7.8	107,479	7.8
Sales managers	44.22	10.4	1,817	10.4	94,479	10.4
Public relations managers	63.31	37.4	2,506	36.5	130,287	36.5
Administrative services managers	33.79	12.6	1,352	12.6	70,292	12.6
Computer and information systems managers	56.08	5.5	2,319	5.6	120,572	5.6
Financial managers	49.57	3.7	2,013	3.7	104,657	3.7
Human resources managers	44.68	8.8	1,806	8.4	93,886	8.4
Industrial production managers	40.04	12.8	1,618	13.8	84,147	13.8
Transportation, storage, and distribution managers	45.10	10.8	1,786	11.0	92,866	11.0
Construction managers	43.70	5.9	1,798	5.6	93,508	5.6
Education administrators	40.98	18.2	1,632	17.9	83,535	17.9
Education administrators, postsecondary ..	52.37	21.7	2,083	20.8	105,913	20.8
Engineering managers	50.95	4.7	2,099	3.5	109,138	3.5
Food service managers	25.18	15.8	1,207	21.1	62,769	21.1
Medical and health services managers	41.81	3.4	1,731	3.8	90,003	3.8
Social and community service managers	31.36	7.4	1,234	8.6	64,172	8.6
Business and financial operations occupations	34.59	3.6	1,385	3.6	71,997	3.6
Buyers and purchasing agents	27.39	7.1	1,096	7.2	57,009	7.2
Wholesale and retail buyers, except farm products	24.29	6.2	971	6.2	50,516	6.2
Purchasing agents, except wholesale, retail, and farm products	29.51	7.8	1,182	7.9	61,466	7.9
Claims adjusters, appraisers, examiners, and investigators	24.73	8.5	983	8.4	51,106	8.4
Claims adjusters, examiners, and investigators	24.73	8.5	983	8.4	51,106	8.4
Cost estimators	34.46	18.9	1,378	18.9	71,675	18.9
Human resources, training, and labor relations specialists	29.89	6.1	1,192	5.9	61,990	5.9
Employment, recruitment, and placement specialists	31.95	10.7	1,278	10.7	66,463	10.7
Compensation, benefits, and job analysis specialists	31.30	5.0	1,245	5.5	64,760	5.5
Training and development specialists	29.81	8.3	1,171	8.1	60,911	8.1

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
Business and financial operations occupations –Continued						
Logisticians	\$33.40	12.0%	\$1,330	12.0%	\$69,104	12.0%
Management analysts	42.92	8.7	1,720	8.6	89,436	8.6
Meeting and convention planners	24.37	9.6	997	7.5	51,822	7.5
Accountants and auditors	29.48	6.3	1,180	6.4	61,350	6.4
Budget analysts	30.51	14.3	1,180	15.6	61,361	15.6
Credit analysts	40.73	20.8	1,629	20.8	84,724	20.8
Financial analysts and advisors	38.06	12.6	1,520	12.5	79,032	12.5
Financial analysts	42.51	19.9	1,704	19.9	88,590	19.9
Personal financial advisors	35.27	12.5	1,411	12.5	73,355	12.5
Loan counselors and officers	34.39	16.6	1,447	18.8	75,254	18.8
Loan officers	36.82	15.4	1,560	17.6	81,125	17.6
Computer and mathematical science occupations						
Computer and information scientists, research	38.57	2.2	1,541	2.2	80,044	2.2
Computer programmers	54.75	7.7	2,190	7.7	113,877	7.7
Computer software engineers	39.46	7.5	1,580	7.4	82,144	7.4
Computer software engineers, applications	42.25	2.9	1,689	2.9	87,839	2.9
Computer software engineers, systems software	42.28	6.1	1,690	6.1	87,885	6.1
Computer support specialists	42.20	3.8	1,688	3.8	87,777	3.8
Computer systems analysts	29.86	7.3	1,187	7.2	61,546	7.2
Database administrators	39.17	2.7	1,565	2.5	81,356	2.5
Network and computer systems administrators	43.44	10.7	1,720	11.1	89,429	11.1
Network systems and data communications analysts	39.68	9.5	1,604	9.7	82,748	9.7
Operations research analysts	37.82	6.1	1,512	6.1	78,612	6.1
Operations research analysts	38.66	9.8	1,530	10.1	79,568	10.1
Architecture and engineering occupations						
Architects, except naval	35.06	2.1	1,412	2.0	73,427	2.0
Architects, except landscape and naval	43.17	8.2	1,728	8.2	89,840	8.2
Architects, except landscape and naval	43.17	8.2	1,728	8.2	89,840	8.2
Engineers	39.99	1.5	1,618	1.7	84,091	1.7
Chemical engineers	51.39	12.1	2,056	12.1	106,901	12.1
Civil engineers	35.15	5.7	1,429	5.5	74,300	5.5
Computer hardware engineers	44.20	7.1	1,771	7.1	92,077	7.1
Electrical and electronics engineers	40.66	2.3	1,638	2.1	85,183	2.1
Electrical engineers	42.58	3.5	1,733	2.6	90,103	2.6
Electronics engineers, except computer	39.22	2.1	1,569	2.1	81,586	2.1

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
Architecture and engineering occupations						
–Continued						
Industrial engineers, including health and safety	\$39.64	9.4%	\$1,618	8.8%	\$84,160	8.8%
Industrial engineers	35.44	7.1	1,439	7.0	74,844	7.0
Mechanical engineers	35.35	6.5	1,452	7.9	75,330	7.9
Drafters	24.11	6.9	965	6.9	50,155	6.9
Architectural and civil drafters	24.23	11.5	969	11.5	50,390	11.5
Engineering technicians, except drafters	26.10	3.9	1,045	3.9	54,332	3.9
Electrical and electronic engineering technicians	25.82	3.8	1,032	3.8	53,675	3.8
Mechanical engineering technicians	20.57	8.6	838	9.3	43,584	9.3
Life, physical, and social science occupations	31.43	4.9	1,265	4.7	65,772	4.7
Life scientists	32.28	12.4	1,249	12.2	64,956	12.2
Biological scientists	28.07	15.7	1,090	14.1	56,658	14.1
Medical scientists	32.23	14.2	1,268	14.0	65,933	14.0
Physical scientists	41.29	19.0	1,769	16.7	92,010	16.7
Chemists and materials scientists	49.30	24.0	2,015	25.6	104,794	25.6
Chemists	48.27	31.6	1,990	33.7	103,465	33.7
Environmental scientists and geoscientists	31.89	9.9	1,477	15.4	76,804	15.4
Environmental scientists and specialists, including health	31.89	9.9	1,477	15.4	76,804	15.4
Market and survey researchers	31.14	8.0	1,236	8.9	64,270	8.9
Market research analysts	31.01	8.8	1,230	9.7	63,955	9.7
Biological technicians	20.80	7.8	827	7.5	43,029	7.5
Chemical technicians	21.08	6.6	843	6.6	43,704	6.6
Miscellaneous life, physical, and social science technicians	24.08	8.8	958	8.3	49,835	8.3
Community and social services occupations	16.17	8.3	641	8.6	33,303	8.6
Counselors	17.85	15.6	708	15.0	36,602	15.0
Educational, vocational, and school counselors	19.99	15.6	792	15.1	40,097	15.1
Social workers	19.47	4.5	777	4.4	40,368	4.4
Child, family, and school social workers ..	17.51	9.8	694	9.6	35,970	9.6
Medical and public health social workers	21.58	7.9	863	7.9	44,895	7.9
Mental health and substance abuse social workers	19.41	5.9	777	5.9	40,381	5.9
Miscellaneous community and social service specialists	10.46	7.9	411	9.6	21,364	9.6
Social and human service assistants	10.24	7.6	402	9.6	20,927	9.6

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
Legal occupations	\$50.92	10.2%	\$2,038	10.6%	\$105,988	10.6%
Lawyers	63.50	8.2	2,578	8.6	134,061	8.6
Paralegals and legal assistants	28.70	11.7	1,119	10.9	58,188	10.9
Education, training, and library occupations	31.91	8.0	1,243	8.2	54,445	8.2
Postsecondary teachers	38.36	15.4	1,527	15.4	68,985	15.4
Business teachers, postsecondary	44.20	9.7	1,826	5.7	70,512	5.7
Math and computer teachers, postsecondary	49.61	11.3	1,904	10.1	83,370	10.1
Life sciences teachers, postsecondary	45.93	9.6	1,887	7.8	85,512	7.8
Biological science teachers, postsecondary	45.93	9.6	1,887	7.8	85,512	7.8
Social sciences teachers, postsecondary	45.47	8.1	1,767	8.7	79,369	8.7
Health teachers, postsecondary	50.00	23.6	1,909	21.6	90,382	21.6
Arts, communications, and humanities teachers, postsecondary	42.17	11.0	1,677	10.5	66,456	10.5
English language and literature teachers, postsecondary	38.36	9.8	1,607	15.9	62,120	15.9
Philosophy and religion teachers, postsecondary	43.67	16.5	1,773	11.8	69,164	11.8
Primary, secondary, and special education school teachers	28.85	7.2	1,104	8.1	43,018	8.1
Elementary and middle school teachers	31.95	4.2	1,214	3.8	45,032	3.8
Elementary school teachers, except special education	30.85	6.2	1,171	5.2	43,626	5.2
Middle school teachers, except special and vocational education	33.43	4.1	1,274	4.5	46,907	4.5
Secondary school teachers	30.52	5.7	1,200	4.8	45,084	4.8
Secondary school teachers, except special and vocational education	30.52	5.7	1,200	4.8	45,084	4.8
Other teachers and instructors	30.55	5.4	1,207	5.8	61,255	5.8
Librarians	28.51	9.0	1,080	8.8	47,520	8.8
Teacher assistants	10.97	3.1	406	6.2	20,348	6.2
Arts, design, entertainment, sports, and media occupations	25.69	5.9	1,023	5.9	52,863	5.9
Artists and related workers	23.49	19.4	934	18.9	48,095	18.9
Designers	24.71	13.2	988	12.1	51,359	12.1
Graphic designers	26.27	15.7	1,037	14.3	53,901	14.3
Actors, producers, and directors	17.52	7.6	695	7.3	36,154	7.3
Athletes, coaches, umpires, and related workers	19.48	9.6	779	11.9	39,340	11.9
Coaches and scouts	19.60	13.9	783	17.0	39,040	17.0

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
Arts, design, entertainment, sports, and media occupations –Continued						
News analysts, reporters and correspondents	\$24.30	9.3%	\$963	9.2%	\$50,088	9.2%
Reporters and correspondents	24.30	9.3	963	9.2	50,088	9.2
Public relations specialists	39.13	15.4	1,558	15.5	81,018	15.5
Writers and editors	26.20	5.2	1,044	5.7	54,295	5.7
Editors	25.50	5.6	1,004	6.9	52,221	6.9
Technical writers	26.88	9.4	1,087	9.1	56,542	9.1
Healthcare practitioner and technical occupations						
Pharmacists	27.07	3.3	1,064	3.1	55,294	3.1
Physicians and surgeons	51.05	1.4	2,013	1.7	104,701	1.7
Registered nurses	77.44	21.1	3,063	20.8	159,263	20.8
Therapists	28.64	1.6	1,110	1.7	57,719	1.7
Occupational therapists	27.08	4.6	1,073	4.7	55,817	4.7
Physical therapists	32.34	3.4	1,283	3.4	66,695	3.4
Respiratory therapists	30.35	6.2	1,214	6.2	63,134	6.2
Clinical laboratory technologists and technicians	25.79	3.3	1,013	3.2	52,656	3.2
Medical and clinical laboratory technicians	19.62	3.9	777	3.9	40,423	3.9
Medical and clinical laboratory technicians	24.30	3.9	966	3.7	50,247	3.7
Medical and clinical laboratory technicians	15.50	3.4	613	3.0	31,852	3.0
Diagnostic related technologists and technicians	25.91	2.9	1,022	3.1	53,127	3.1
Cardiovascular technologists and technicians	24.77	5.9	991	5.9	51,521	5.9
Radiologic technologists and technicians ..	24.29	4.3	951	4.4	49,469	4.4
Emergency medical technicians and paramedics	15.50	12.0	686	5.1	35,681	5.1
Health diagnosing and treating practitioner support technicians	17.62	5.6	690	5.9	35,902	5.9
Pharmacy technicians	13.99	4.6	557	4.7	28,973	4.7
Surgical technologists	20.85	9.8	831	10.1	43,193	10.1
Licensed practical and licensed vocational nurses	18.83	2.7	728	2.7	37,852	2.7
Medical records and health information technicians	19.63	5.3	780	5.3	40,580	5.3
Miscellaneous health technologists and technicians	18.08	8.1	723	8.1	37,611	8.1
Healthcare support occupations	11.86	1.4	460	1.8	23,933	1.8

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
Healthcare support occupations –Continued						
Nursing, psychiatric, and home health aides	\$11.09	1.4%	\$426	1.9%	\$22,129	1.9%
Home health aides	10.48	1.2	367	4.5	19,073	4.5
Nursing aides, orderlies, and attendants	11.16	1.5	433	1.5	22,506	1.5
Physical therapist assistants and aides	20.04	13.9	801	13.9	41,658	13.9
Miscellaneous healthcare support occupations	13.28	3.1	528	3.2	27,461	3.2
Medical assistants	13.77	4.9	545	5.0	28,351	5.0
Medical equipment preparers	12.44	8.6	498	8.6	25,870	8.6
Medical transcriptionists	14.44	2.5	575	2.2	29,881	2.2
Protective service occupations	11.69	3.6	462	3.7	20,466	3.7
Security guards and gaming surveillance officers	11.26	3.3	444	3.4	23,021	3.4
Security guards	11.23	3.3	443	3.4	22,952	3.4
Food preparation and serving related occupations	9.95	3.2	387	3.2	19,942	3.2
First-line supervisors/managers, food preparation and serving workers	15.61	8.4	628	8.8	31,964	8.8
First-line supervisors/managers of food preparation and serving workers	15.83	9.6	637	10.1	32,333	10.1
Cooks	11.79	3.5	463	3.9	23,866	3.9
Cooks, institution and cafeteria	11.65	4.3	456	5.2	23,256	5.2
Cooks, restaurant	12.16	4.9	479	4.6	24,897	4.6
Cooks, short order	10.65	4.2	415	5.0	21,559	5.0
Food preparation workers	10.62	3.5	425	3.5	21,483	3.5
Food service, tipped	5.53	8.5	207	9.5	10,778	9.5
Bartenders	5.66	12.2	206	13.0	10,690	13.0
Waiters and waitresses	4.13	12.8	152	13.8	7,879	13.8
Dining room and cafeteria attendants and bartender helpers	8.09	9.1	320	8.9	16,626	8.9
Fast food and counter workers	10.23	5.1	403	5.5	20,824	5.5
Combined food preparation and serving workers, including fast food	10.31	5.7	406	6.2	20,907	6.2
Food servers, nonrestaurant	7.78	8.6	302	7.9	15,679	7.9
Dishwashers	9.83	7.5	385	5.9	19,544	5.9
Building and grounds cleaning and maintenance occupations	10.41	2.5	412	2.1	21,383	2.1
First-line supervisors/managers, building and grounds cleaning and maintenance workers	18.30	6.5	718	6.0	37,315	6.0

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 –Continued						
First-line supervisors/managers of housekeeping and janitorial workers ...	\$19.37	8.9%	\$749	7.8%	\$38,960	7.8%
Building cleaning workers	10.11	2.5	399	2.1	20,748	2.1
Janitors and cleaners, except maids and housekeeping cleaners	10.27	4.1	406	3.5	21,095	3.5
Maids and housekeeping cleaners	9.78	2.3	385	2.3	20,040	2.3
Grounds maintenance workers	10.18	2.8	406	2.7	21,020	2.7
Landscaping and groundskeeping workers	10.13	2.9	404	2.9	20,912	2.9
Personal care and service occupations	16.08	4.4	551	3.5	28,580	3.5
Miscellaneous entertainment attendants and related workers	11.46	6.0	456	6.3	23,280	6.3
Amusement and recreation attendants	11.96	5.5	478	5.5	24,267	5.5
Baggage porters, bellhops, and concierges	10.53	11.3	403	13.3	20,968	13.3
Transportation attendants	42.97	1.4	844	1.2	43,906	1.2
Flight attendants	42.97	1.4	844	1.2	43,906	1.2
Child care workers	10.74	4.2	428	4.0	22,254	4.0
Personal and home care aides	10.50	1.7	420	1.7	21,840	1.7
Recreation and fitness workers	12.14	20.3	483	20.3	25,131	20.3
Recreation workers	9.63	7.1	383	6.5	19,909	6.5
Sales and related occupations	17.91	4.0	719	4.2	37,227	4.2
First-line supervisors/managers, sales workers	21.59	8.0	881	8.4	45,822	8.4
First-line supervisors/managers of retail sales workers	19.51	11.2	797	11.1	41,433	11.1
First-line supervisors/managers of non-retail sales workers	27.93	10.7	1,137	12.1	59,118	12.1
Retail sales workers	12.34	3.2	494	3.3	25,684	3.3
Cashiers, all workers	10.76	1.9	427	2.0	22,194	2.0
Cashiers	10.72	1.9	426	2.0	22,128	2.0
Counter and rental clerks and parts salespersons	18.95	9.8	792	11.3	41,195	11.3
Parts salespersons	21.35	6.7	917	7.2	47,677	7.2
Retail salespersons	12.88	3.9	517	4.2	26,887	4.2
Advertising sales agents	31.77	19.2	1,271	19.2	66,077	19.2
Insurance sales agents	18.81	9.8	747	9.6	38,863	9.6
Securities, commodities, and financial services sales agents	62.88	32.2	2,515	32.2	130,797	32.2
Sales representatives, wholesale and manufacturing	32.10	9.2	1,323	9.1	68,793	9.1

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
Sales and related occupations –Continued						
Sales representatives, wholesale and manufacturing, technical and scientific products	\$46.46	16.0%	\$1,866	16.1%	\$97,051	16.1%
Sales representatives, wholesale and manufacturing, except technical and scientific products	26.04	7.2	1,085	7.1	56,415	7.1
Telemarketers	14.47	9.9	573	10.1	29,786	10.1
Miscellaneous sales and related workers	17.64	9.2	696	9.1	33,928	9.1
Office and administrative support occupations						
First-line supervisors/managers of office and administrative support workers	15.83	1.4	631	1.4	32,780	1.4
Switchboard operators, including answering service	24.62	3.9	983	3.9	51,121	3.9
Telephone operators	11.17	6.3	447	6.3	23,236	6.3
Financial clerks	11.58	2.3	463	2.3	24,070	2.3
Bill and account collectors	15.66	1.8	624	1.8	32,401	1.8
Billing and posting clerks and machine operators	15.28	2.5	611	2.5	31,774	2.5
Bookkeeping, accounting, and auditing clerks	15.21	4.9	604	4.8	31,425	4.8
Payroll and timekeeping clerks	15.71	3.3	625	3.3	32,378	3.3
Procurement clerks	19.16	6.0	767	6.0	39,861	6.0
Tellers	17.04	11.2	682	11.2	35,440	11.2
Credit authorizers, checkers, and clerks	12.96	1.6	519	1.6	26,962	1.6
Customer service representatives	13.73	5.4	549	5.4	28,557	5.4
File clerks	15.03	2.5	601	2.5	31,208	2.5
Hotel, motel, and resort desk clerks	12.23	5.7	486	5.9	25,290	5.9
Interviewers, except eligibility and loan	10.27	3.2	411	3.2	21,358	3.2
Loan interviewers and clerks	13.60	3.1	543	3.1	28,225	3.1
Order clerks	16.46	5.7	658	5.7	34,238	5.7
Human resources assistants, except payroll and timekeeping	16.74	8.2	669	8.2	34,778	8.2
Receptionists and information clerks	17.04	5.2	682	5.2	35,452	5.2
Reservation and transportation ticket agents and travel clerks	12.65	3.9	502	4.0	26,088	4.0
Dispatchers	13.53	3.8	541	3.8	28,143	3.8
Dispatchers, except police, fire, and ambulance	15.78	12.8	646	14.1	33,584	14.1
Meter readers, utilities	16.10	13.8	660	15.2	34,339	15.2
Production, planning, and expediting clerks	17.06	9.1	682	9.1	35,485	9.1
	19.61	4.6	784	4.6	40,789	4.6

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
Office and administrative support occupations –Continued						
Shipping, receiving, and traffic clerks	\$12.73	3.2%	\$508	3.1%	\$26,432	3.1%
Stock clerks and order fillers	13.00	4.0	520	4.0	27,007	4.0
Weighers, measurers, checkers, and samplers, recordkeeping	15.66	10.4	626	10.4	32,569	10.4
Secretaries and administrative assistants	19.82	3.5	783	3.6	40,685	3.6
Executive secretaries and administrative assistants	23.28	6.1	926	6.2	48,155	6.2
Legal secretaries	26.62	12.2	1,002	11.7	52,101	11.7
Medical secretaries	14.08	2.3	558	2.4	29,006	2.4
Secretaries, except legal, medical, and executive	16.63	4.1	655	3.8	34,015	3.8
Computer operators	17.44	13.2	698	13.2	36,275	13.2
Data entry and information processing workers	14.37	4.9	573	5.0	29,816	5.0
Data entry keyers	13.98	5.6	557	5.6	28,985	5.6
Insurance claims and policy processing clerks	16.50	4.2	651	4.7	33,877	4.7
Mail clerks and mail machine operators, except postal service	11.64	6.4	459	6.3	23,872	6.3
Office clerks, general	14.83	3.6	589	3.5	30,587	3.5
Farming, fishing, and forestry occupations ..	14.04	15.8	545	14.2	28,340	14.2
Construction and extraction occupations	18.46	4.9	740	4.9	38,464	4.9
First-line supervisors/managers of construction trades and extraction workers	28.49	6.3	1,195	6.0	62,158	6.0
Carpenters	17.80	5.3	712	5.3	37,010	5.3
Cement masons, concrete finishers, and terrazzo workers	16.35	7.0	654	7.0	33,865	7.0
Cement masons and concrete finishers	16.35	7.0	654	7.0	33,865	7.0
Construction laborers	11.91	4.6	476	4.6	24,740	4.6
Construction equipment operators	16.36	9.4	654	9.4	34,027	9.4
Operating engineers and other construction equipment operators	17.05	10.0	682	10.0	35,459	10.0
Electricians	24.11	6.4	962	6.4	50,005	6.4
Pipelayers, plumbers, pipefitters, and steamfitters	16.69	6.2	668	6.2	34,679	6.2
Plumbers, pipefitters, and steamfitters	17.18	8.9	687	8.9	35,739	8.9
Helpers, construction trades	12.28	2.3	490	2.3	25,505	2.3
Helpers--electricians	12.71	2.2	508	2.2	26,432	2.2

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
Construction and extraction occupations –Continued						
Miscellaneous construction and related workers	\$19.38	13.2%	\$770	13.4%	\$40,060	13.4%
Installation, maintenance, and repair occupations	21.34	2.6	855	2.7	44,458	2.7
First-line supervisors/managers of mechanics, installers, and repairers	31.87	10.5	1,311	11.3	68,128	11.3
Miscellaneous electrical and electronic equipment mechanics, installers, and repairers	19.93	8.2	797	8.2	41,419	8.2
Electrical and electronics repairers, commercial and industrial equipment	20.37	10.0	815	10.0	42,365	10.0
Electrical and electronics repairers, powerhouse, substation, and relay	28.78	3.1	1,138	3.8	59,164	3.8
Aircraft mechanics and service technicians ..	27.47	6.2	1,099	6.2	57,135	6.2
Automotive technicians and repairers	19.11	9.4	781	9.6	40,592	9.6
Automotive service technicians and mechanics	19.69	10.7	809	10.7	42,078	10.7
Bus and truck mechanics and diesel engine specialists	19.72	5.4	789	5.4	41,021	5.4
Heavy vehicle and mobile equipment service technicians and mechanics	20.87	4.8	834	4.8	43,356	4.8
Mobile heavy equipment mechanics, except engines	20.87	4.8	834	4.8	43,356	4.8
Heating, air conditioning, and refrigeration mechanics and installers	21.23	10.7	849	10.7	44,166	10.7
Industrial machinery installation, repair, and maintenance workers	19.90	3.3	795	3.3	41,302	3.3
Industrial machinery mechanics	21.74	5.2	862	5.2	44,753	5.2
Maintenance and repair workers, general ..	18.10	7.4	721	7.4	37,490	7.4
Maintenance workers, machinery	17.92	6.1	739	5.3	38,352	5.3
Millwrights	23.40	8.4	956	10.0	49,737	10.0
Line installers and repairers	24.55	5.5	982	5.5	51,072	5.5
Electrical power-line installers and repairers	22.69	8.6	908	8.6	47,192	8.6
Miscellaneous installation, maintenance, and repair workers	15.58	7.8	623	7.8	32,416	7.8
Helpers--installation, maintenance, and repair workers	13.24	3.7	530	3.7	27,546	3.7
Production occupations	15.94	2.6	633	2.7	32,864	2.7

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						
First-line supervisors/managers of production and operating workers	\$25.92	5.4%	\$1,038	5.3%	\$53,965	5.3%
Electrical, electronics, and electromechanical assemblers	13.03	5.5	517	6.0	26,885	6.0
Electrical and electronic equipment assemblers	12.80	7.1	512	7.1	26,619	7.1
Electromechanical equipment assemblers	13.77	6.4	551	6.4	28,638	6.4
Miscellaneous assemblers and fabricators	14.70	5.6	584	5.7	30,360	5.7
Butchers and other meat, poultry, and fish processing workers	10.60	4.0	424	4.0	22,048	4.0
Meat, poultry, and fish cutters and trimmers	9.86	2.1	394	2.1	20,513	2.1
Miscellaneous food processing workers	10.24	14.9	410	14.9	21,303	14.9
Computer control programmers and operators	16.79	6.5	672	6.5	34,930	6.5
Computer-controlled machine tool operators, metal and plastic	16.55	5.8	662	5.8	34,428	5.8
Forming machine setters, operators, and tenders, metal and plastic	17.89	10.6	693	10.5	36,020	10.5
Extruding and drawing machine setters, operators, and tenders, metal and plastic	16.38	8.3	633	8.2	32,920	8.2
Machine tool cutting setters, operators, and tenders, metal and plastic	12.52	13.5	499	13.4	25,965	13.4
Cutting, punching, and press machine setters, operators, and tenders, metal and plastic	11.62	13.6	465	13.6	24,169	13.6
Grinding, lapping, polishing, and buffing machine tool setters, operators, and tenders, metal and plastic	14.51	6.2	572	6.5	29,743	6.5
Machinists	21.26	7.3	851	7.3	44,229	7.3
Molders and molding machine setters, operators, and tenders, metal and plastic	13.79	3.0	552	3.0	28,684	3.0
Molding, coremaking, and casting machine setters, operators, and tenders, metal and plastic	13.79	3.0	552	3.0	28,684	3.0
Multiple machine tool setters, operators, and tenders, metal and plastic	17.12	4.5	685	4.5	35,599	4.5
Tool and die makers	20.70	4.2	828	4.2	43,055	4.2
Welding, soldering, and brazing workers	19.44	6.7	768	6.9	39,851	6.9
Welders, cutters, solderers, and brazers	19.90	7.6	794	7.6	41,298	7.6

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
Production occupations –Continued						
Welding, soldering, and brazing machine setters, operators, and tenders	\$16.84	7.5%	\$630	7.6%	\$32,336	7.6%
Miscellaneous metalworkers and plastic workers	18.21	18.4	729	18.4	37,858	18.4
Plating and coating machine setters, operators, and tenders, metal and plastic	21.58	19.9	863	19.9	44,885	19.9
Printers	16.82	11.8	662	10.8	34,374	10.8
Printing machine operators	17.22	11.5	676	10.5	35,096	10.5
Laundry and dry-cleaning workers	10.17	9.9	393	10.4	20,421	10.4
Sewing machine operators	13.44	9.7	533	10.2	27,719	10.2
Textile machine setters, operators, and tenders	13.20	6.9	524	7.3	27,237	7.3
Textile bleaching and dyeing machine operators and tenders	11.82	2.7	462	3.1	24,037	3.1
Textile knitting and weaving machine setters, operators, and tenders	13.66	2.2	546	2.2	28,409	2.2
Textile winding, twisting, and drawing out machine setters, operators, and tenders	13.09	11.9	518	12.7	26,881	12.7
Miscellaneous textile, apparel, and furnishings workers	15.66	8.0	623	8.0	32,289	8.0
Extruding and forming machine setters, operators, and tenders, synthetic and glass fibers	17.01	10.8	670	11.4	34,855	11.4
Upholsterers	17.66	14.6	704	14.4	36,608	14.4
Woodworking machine setters, operators, and tenders	14.25	2.9	570	2.9	29,631	2.9
Woodworking machine setters, operators, and tenders, except sawing	15.07	.5	603	.5	31,350	.5
Power plant operators, distributors, and dispatchers	27.91	20.4	1,112	20.3	57,829	20.3
Power plant operators	22.33	15.5	888	15.1	46,166	15.1
Miscellaneous plant and system operators	22.37	5.9	895	5.9	46,538	5.9
Chemical processing machine setters, operators, and tenders	19.52	13.5	774	13.6	40,259	13.6
Chemical equipment operators and tenders	19.63	16.8	785	16.8	40,835	16.8
Separating, filtering, clarifying, precipitating, and still machine setters, operators, and tenders	19.16	11.2	740	10.6	38,455	10.6
Crushing, grinding, polishing, mixing, and blending workers	17.30	8.7	683	8.9	35,493	8.9

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						
Crushing, grinding, and polishing machine setters, operators, and tenders	\$19.43	21.2%	\$777	21.2%	\$40,407	21.2%
Mixing and blending machine setters, operators, and tenders	18.45	6.4	722	6.6	37,542	6.6
Cutting workers	15.71	8.5	629	8.5	32,687	8.5
Cutters and trimmers, hand	17.00	12.8	680	12.8	35,363	12.8
Cutting and slicing machine setters, operators, and tenders	15.08	10.3	603	10.3	31,362	10.3
Extruding, forming, pressing, and compacting machine setters, operators, and tenders	13.69	34.3	543	33.3	28,229	33.3
Furnace, kiln, oven, drier, and kettle operators and tenders	20.01	18.9	800	18.9	41,623	18.9
Inspectors, testers, sorters, samplers, and weighers	14.42	4.2	574	4.3	29,831	4.3
Packaging and filling machine operators and tenders	15.05	7.2	601	7.2	31,247	7.2
Painting workers	16.37	14.9	649	15.4	33,765	15.4
Coating, painting, and spraying machine setters, operators, and tenders	14.87	14.8	585	15.5	30,440	15.5
Miscellaneous production workers	15.36	5.8	608	6.0	31,541	6.0
Paper goods machine setters, operators, and tenders	22.58	10.5	903	10.5	46,962	10.5
Tire builders	19.74	9.8	790	9.8	41,066	9.8
Helpers--production workers	12.84	7.2	505	7.0	26,159	7.0
Transportation and material moving occupations						
First-line supervisors/managers of helpers, laborers, and material movers, hand	22.00	7.6	917	7.9	47,707	7.9
First-line supervisors/managers of transportation and material-moving machine and vehicle operators	24.11	5.4	1,021	7.7	53,099	7.7
Aircraft pilots and flight engineers	130.42	8.2	2,540	3.6	132,073	3.6
Airline pilots, copilots, and flight engineers	130.42	8.2	2,540	3.6	132,073	3.6
Bus drivers	11.77	12.3	457	13.6	23,752	13.6
Driver/sales workers and truck drivers	19.15	3.8	801	4.0	41,650	4.0
Truck drivers, heavy and tractor-trailer	18.30	3.6	790	4.7	41,095	4.7
Truck drivers, light or delivery services	20.58	7.7	823	7.7	42,805	7.7
Parking lot attendants	8.03	8.3	321	8.3	16,694	8.3
Industrial truck and tractor operators	14.79	5.0	597	5.4	30,855	5.4

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
Transportation and material moving occupations –Continued						
Laborers and material movers, hand	\$11.73	2.8%	\$468	2.8%	\$24,300	2.8%
Cleaners of vehicles and equipment	11.35	6.5	459	6.5	23,844	6.5
Laborers and freight, stock, and material movers, hand	12.25	3.3	488	3.4	25,369	3.4
Machine feeders and offbearers	11.72	6.6	468	6.6	24,316	6.6
Packers and packagers, hand	10.08	5.2	400	5.4	20,815	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.