

RSE Table 16

Private industry establishments with 100 workers or more: Relative standard errors of mean hourly, weekly, and annual earnings by occupation 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	\$22.87	1.5%	\$912	1.6%	\$47,187	1.6%
Management occupations	53.18	3.6	2,166	3.6	112,448	3.6
General and operations managers	70.97	12.4	2,860	12.3	148,742	12.3
Advertising and promotions managers	51.34	13.4	2,172	12.1	112,946	12.1
Marketing and sales managers	54.06	7.7	2,238	8.7	116,355	8.7
Marketing managers	59.97	6.0	2,392	6.0	124,407	6.0
Sales managers	49.27	13.5	2,103	15.9	109,376	15.9
Administrative services managers	39.42	4.2	1,625	5.8	84,490	5.8
Computer and information systems managers	60.78	8.6	2,465	8.0	128,187	8.0
Financial managers	58.47	13.2	2,365	13.1	122,985	13.1
Human resources managers	50.35	7.5	2,046	7.6	106,375	7.6
Compensation and benefits managers	46.06	6.1	1,904	9.2	98,999	9.2
Industrial production managers	50.00	6.1	2,000	6.1	104,009	6.1
Purchasing managers	51.97	7.1	2,079	7.1	108,089	7.1
Transportation, storage, and distribution managers	41.56	14.3	1,662	14.3	86,448	14.3
Construction managers	38.35	8.4	1,606	7.7	83,517	7.7
Education administrators	45.08	9.0	1,754	9.3	90,727	9.3
Education administrators, postsecondary ..	38.13	8.6	1,460	8.4	75,317	8.4
Engineering managers	64.13	5.1	2,568	5.0	133,544	5.0
Medical and health services managers	42.14	5.5	1,777	6.1	92,379	6.1
Property, real estate, and community association managers	25.74	15.9	1,030	15.9	53,536	15.9
Social and community service managers	25.37	28.6	1,015	28.6	52,764	28.6
Business and financial operations occupations	32.69	2.8	1,307	2.7	67,980	2.7
Buyers and purchasing agents	29.31	4.4	1,179	4.1	61,300	4.1
Purchasing agents, except wholesale, retail, and farm products	30.36	5.2	1,223	4.7	63,594	4.7
Claims adjusters, appraisers, examiners, and investigators	28.03	9.8	1,088	9.5	56,578	9.5
Claims adjusters, examiners, and investigators	27.92	10.4	1,082	10.1	56,277	10.1
Compliance officers, except agriculture, construction, health and safety, and transportation	39.95	14.6	1,602	14.4	83,291	14.4
Cost estimators	35.44	17.1	1,482	15.5	77,039	15.5
Human resources, training, and labor relations specialists	30.67	8.5	1,223	8.5	63,608	8.5
Employment, recruitment, and placement specialists	20.14	13.4	806	13.4	41,900	13.4

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 by occupation 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						
Training and development specialists	\$35.83	15.6%	\$1,422	15.7%	\$73,935	15.7%
Logisticians	39.25	6.3	1,570	6.3	81,631	6.3
Management analysts	33.95	5.4	1,358	5.4	70,624	5.4
Accountants and auditors	33.85	5.9	1,352	5.9	70,319	5.9
Credit analysts	27.80	7.1	1,112	7.1	57,822	7.1
Financial analysts and advisors	34.69	7.8	1,382	7.7	71,882	7.7
Financial analysts	35.62	8.3	1,415	7.9	73,597	7.9
Computer and mathematical science occupations						
.....	37.52	4.6	1,499	4.6	77,951	4.6
Computer programmers	40.55	7.8	1,627	7.8	84,598	7.8
Computer software engineers	45.42	3.3	1,806	3.6	93,909	3.6
Computer software engineers, applications	43.50	5.8	1,727	5.9	89,826	5.9
Computer software engineers, systems software	47.57	4.8	1,894	5.0	98,473	5.0
Computer support specialists	25.04	8.3	1,001	8.3	52,030	8.3
Computer systems analysts	40.59	1.7	1,622	1.8	84,338	1.8
Database administrators	37.87	17.8	1,515	17.8	78,776	17.8
Network and computer systems administrators	29.88	6.3	1,210	7.1	62,936	7.1
Network systems and data communications analysts	33.46	8.3	1,345	8.0	69,922	8.0
Architecture and engineering occupations						
.....	42.07	5.3	1,683	5.3	87,533	5.3
Engineers	47.66	2.6	1,909	2.6	99,244	2.6
Aerospace engineers	41.30	7.8	1,652	7.8	85,895	7.8
Chemical engineers	50.81	6.9	2,032	6.9	105,683	6.9
Civil engineers	50.75	14.5	2,030	14.5	105,566	14.5
Computer hardware engineers	45.66	4.4	1,866	5.3	97,033	5.3
Electrical and electronics engineers	49.03	7.9	1,961	7.9	101,982	7.9
Electrical engineers	53.56	14.3	2,142	14.3	111,395	14.3
Electronics engineers, except computer	44.79	5.0	1,792	5.0	93,159	5.0
Industrial engineers, including health and safety	40.86	4.5	1,631	4.5	84,827	4.5
Health and safety engineers, except mining safety engineers and inspectors	42.73	8.1	1,690	7.7	87,856	7.7
Industrial engineers	40.50	5.7	1,620	5.7	84,232	5.7
Mechanical engineers	38.55	6.0	1,542	6.0	80,188	6.0
Petroleum engineers	53.49	11.9	2,140	11.9	111,266	11.9
Drafters	35.11	11.6	1,394	11.8	72,475	11.8

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 by occupation 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						
Architectural and civil drafters	\$45.46	6.9%	\$1,818	6.9%	\$94,558	6.9%
Mechanical drafters	19.11	8.5	749	9.8	38,953	9.8
Engineering technicians, except drafters	30.27	6.9	1,211	6.9	62,953	6.9
Electrical and electronic engineering technicians	25.24	6.7	1,009	6.7	52,491	6.7
Mechanical engineering technicians	28.17	8.3	1,127	8.3	58,593	8.3
Life, physical, and social science occupations	40.47	7.1	1,619	7.1	84,171	7.1
Physical scientists	56.77	17.9	2,271	17.9	118,077	17.9
Environmental scientists and geoscientists	69.67	14.5	2,787	14.5	144,919	14.5
Market and survey researchers	39.70	23.2	1,588	23.2	82,577	23.2
Market research analysts	39.70	23.2	1,588	23.2	82,577	23.2
Chemical technicians	27.92	6.9	1,117	6.9	58,077	6.9
Community and social services occupations	18.34	8.6	730	8.7	37,862	8.7
Social workers	21.46	6.9	850	7.5	44,206	7.5
Medical and public health social workers	23.79	3.7	952	3.7	49,483	3.7
Miscellaneous community and social service specialists	13.15	14.0	525	14.1	27,326	14.1
Social and human service assistants	11.73	15.9	469	15.9	24,390	15.9
Legal occupations	58.18	15.1	2,356	15.6	122,503	15.6
Lawyers	87.27	4.2	3,570	5.1	185,645	5.1
Paralegals and legal assistants	24.69	11.9	988	11.9	51,350	11.9
Education, training, and library occupations	39.64	13.1	1,567	13.0	73,204	13.0
Postsecondary teachers	52.38	23.1	2,063	22.4	96,099	22.4
Health teachers, postsecondary	93.90	15.4	3,640	15.5	164,692	15.5
Arts, communications, and humanities teachers, postsecondary	38.76	3.7	1,484	6.2	56,708	6.2
Miscellaneous postsecondary teachers	31.56	12.2	1,255	11.7	62,721	11.7
Primary, secondary, and special education school teachers	23.33	24.1	940	23.4	38,563	23.4
Elementary and middle school teachers	27.49	14.1	1,136	10.4	41,592	10.4
Secondary school teachers	32.88	13.2	1,294	11.9	48,476	11.9
Secondary school teachers, except special and vocational education	32.88	13.2	1,294	11.9	48,476	11.9
Arts, design, entertainment, sports, and media occupations	29.83	8.4	1,195	8.9	62,126	8.9
Designers	26.87	17.0	1,073	17.1	55,798	17.1

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 by occupation 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						
Graphic designers	\$26.70	18.7%	\$1,066	18.7%	\$55,441	18.7%
Writers and editors	29.77	12.9	1,181	14.8	61,399	14.8
Healthcare practitioner and technical occupations						
Pharmacists	26.61	2.4	1,048	2.3	54,476	2.3
Registered nurses	56.53	2.7	2,294	1.4	119,290	1.4
Therapists	31.59	3.2	1,232	3.3	64,076	3.3
Occupational therapists	32.78	2.2	1,291	2.5	67,127	2.5
Physical therapists	35.57	5.7	1,383	4.3	71,899	4.3
Respiratory therapists	37.08	4.3	1,459	5.2	75,871	5.2
Clinical laboratory technologists and technicians	25.78	2.4	1,018	3.2	52,941	3.2
Medical and clinical laboratory technologists	19.73	5.9	782	5.9	40,670	5.9
Medical and clinical laboratory technicians	25.13	3.7	993	3.7	51,648	3.7
Diagnostic related technologists and technicians	13.81	6.4	549	6.4	28,538	6.4
Cardiovascular technologists and technicians	23.82	4.1	951	4.1	49,434	4.1
Radiologic technologists and technicians ..	18.65	10.9	746	10.9	38,799	10.9
Health diagnosing and treating practitioner support technicians	25.01	4.0	997	4.1	51,847	4.1
Pharmacy technicians	16.87	4.1	666	4.1	34,614	4.1
Surgical technologists	15.19	6.7	600	6.8	31,216	6.8
Licensed practical and licensed vocational nurses	18.81	3.8	735	4.3	38,198	4.3
Medical records and health information technicians	18.51	1.6	729	1.7	37,904	1.7
Miscellaneous health technologists and technicians	18.14	19.6	720	19.6	37,461	19.6
Occupational health and safety specialists and technicians	14.01	12.4	560	12.4	29,131	12.4
Occupational health and safety specialists	29.60	26.8	1,184	26.8	61,568	26.8
Occupational health and safety specialists	29.60	26.8	1,184	26.8	61,568	26.8
Healthcare support occupations						
Nursing, psychiatric, and home health aides	11.10	4.7	423	6.7	22,022	6.7
Home health aides	10.13	4.2	382	6.8	19,865	6.8
Nursing aides, orderlies, and attendants	8.37	7.1	276	16.3	14,372	16.3
Physical therapist assistants and aides	10.59	3.1	418	3.1	21,723	3.1
Physical therapist assistants and aides	14.24	15.9	565	16.5	29,358	16.5

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 by occupation 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						
Miscellaneous healthcare support occupations	\$14.02	4.1%	\$561	4.1%	\$29,171	4.1%
Medical assistants	12.86	7.6	515	7.6	26,756	7.6
Protective service occupations	11.42	4.8	454	5.1	23,211	5.1
Security guards and gaming surveillance officers	11.22	4.4	445	4.7	23,124	4.7
Security guards	11.22	4.4	445	4.7	23,124	4.7
Food preparation and serving related occupations	8.85	5.1	342	5.3	17,607	5.3
First-line supervisors/managers, food preparation and serving workers	16.79	9.5	669	9.5	34,782	9.5
First-line supervisors/managers of food preparation and serving workers	16.90	9.9	676	9.9	35,153	9.9
Cooks	10.62	3.0	417	4.2	21,671	4.2
Cooks, institution and cafeteria	10.86	3.0	433	3.0	22,520	3.0
Cooks, restaurant	10.89	3.4	412	7.2	21,432	7.2
Food preparation workers	10.71	4.4	427	4.4	22,195	4.4
Food service, tipped	5.85	11.7	220	12.3	11,176	12.3
Waiters and waitresses	4.51	12.9	165	12.6	8,569	12.6
Dining room and cafeteria attendants and bartender helpers	8.10	18.6	320	20.4	16,235	20.4
Fast food and counter workers	10.72	4.4	420	4.7	21,855	4.7
Combined food preparation and serving workers, including fast food	11.18	5.5	434	6.1	22,566	6.1
Food servers, nonrestaurant	6.86	8.4	269	8.2	13,985	8.2
Dishwashers	8.07	3.7	323	3.7	16,790	3.7
Building and grounds cleaning and maintenance occupations	10.01	3.9	394	4.2	20,202	4.2
First-line supervisors/managers, building and grounds cleaning and maintenance workers	17.38	11.1	705	11.0	36,662	11.0
Building cleaning workers	9.39	3.0	368	3.2	18,879	3.2
Janitors and cleaners, except maids and housekeeping cleaners	9.68	4.4	382	4.2	19,847	4.2
Maids and housekeeping cleaners	8.94	2.6	349	3.2	17,513	3.2
Personal care and service occupations	15.68	10.3	521	6.3	27,094	6.3
Baggage porters, bellhops, and concierges	7.95	14.6	318	14.6	16,533	14.6
Baggage porters and bellhops	6.81	6.4	272	6.4	14,165	6.4

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 by occupation 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	\$19.32	11.1%	\$771	11.2%	\$39,903	11.2%
First-line supervisors/managers, sales workers	25.18	18.8	1,007	18.8	52,342	18.8
Retail sales workers	12.10	2.7	480	2.9	24,737	2.9
Cashiers, all workers	11.18	2.0	443	2.2	22,499	2.2
Cashiers	11.16	2.0	442	2.2	22,454	2.2
Counter and rental clerks and parts salespersons	18.48	10.8	731	13.0	37,991	13.0
Retail salespersons	12.23	3.3	484	3.4	25,178	3.4
Advertising sales agents	23.83	14.3	964	15.2	50,134	15.2
Sales representatives, wholesale and manufacturing	34.38	19.4	1,387	19.4	72,117	19.4
Sales representatives, wholesale and manufacturing, technical and scientific products	41.86	16.1	1,674	16.1	87,066	16.1
Sales representatives, wholesale and manufacturing, except technical and scientific products	30.80	24.6	1,248	24.8	64,882	24.8
Miscellaneous sales and related workers	14.77	20.6	591	20.6	30,729	20.6
Office and administrative support occupations	15.46	1.8	616	1.8	31,999	1.8
First-line supervisors/managers of office and administrative support workers	24.87	6.4	993	6.5	51,618	6.5
Switchboard operators, including answering service	10.19	5.5	400	6.1	20,775	6.1
Financial clerks	15.45	4.2	616	4.1	32,009	4.1
Bill and account collectors	14.59	8.6	583	8.6	30,300	8.6
Billing and posting clerks and machine operators	15.79	8.4	632	8.4	32,842	8.4
Bookkeeping, accounting, and auditing clerks	15.69	4.0	622	4.0	32,369	4.0
Payroll and timekeeping clerks	19.67	5.5	787	5.5	40,918	5.5
Procurement clerks	18.34	10.6	734	10.6	38,155	10.6
Tellers	12.89	4.6	516	4.6	26,809	4.6
Customer service representatives	14.51	4.1	578	4.2	30,040	4.2
File clerks	12.46	11.3	498	11.3	25,907	11.3
Interviewers, except eligibility and loan	13.45	8.9	538	8.9	27,968	8.9
Loan interviewers and clerks	19.00	2.5	760	2.5	39,526	2.5
Order clerks	12.12	12.5	485	12.5	25,201	12.5
Human resources assistants, except payroll and timekeeping	19.11	5.9	764	5.9	39,749	5.9
Receptionists and information clerks	12.20	3.0	483	3.3	25,118	3.3

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 by occupation 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						
Reservation and transportation ticket agents and travel clerks	\$16.88	8.9%	\$675	8.9%	\$35,109	8.9%
Couriers and messengers	12.71	4.2	509	4.2	26,444	4.2
Dispatchers	16.39	8.1	651	7.7	33,872	7.7
Dispatchers, except police, fire, and ambulance	16.54	8.0	657	7.6	34,164	7.6
Production, planning, and expediting clerks	21.78	7.8	871	7.8	45,307	7.8
Stock clerks and order fillers	12.47	3.1	494	3.5	25,676	3.5
Secretaries and administrative assistants	20.08	2.9	798	3.0	41,502	3.0
Executive secretaries and administrative assistants	23.44	2.8	936	2.8	48,643	2.8
Medical secretaries	14.63	9.3	585	9.3	30,426	9.3
Secretaries, except legal, medical, and executive	17.76	4.3	697	4.9	36,258	4.9
Data entry and information processing workers	12.91	3.7	516	3.7	26,843	3.7
Data entry keyers	12.78	3.6	511	3.6	26,591	3.6
Insurance claims and policy processing clerks	15.05	7.4	597	7.3	31,049	7.3
Office clerks, general	13.66	6.0	542	5.9	28,143	5.9
Construction and extraction occupations	18.86	8.0	780	8.8	39,790	8.8
First-line supervisors/managers of construction trades and extraction workers	27.31	6.0	1,153	7.2	59,959	7.2
Carpenters	15.65	3.8	626	3.8	32,550	3.8
Construction laborers	12.18	5.4	487	5.4	25,328	5.4
Construction equipment operators	19.47	11.6	779	11.6	40,494	11.6
Operating engineers and other construction equipment operators	19.82	14.8	793	14.8	41,230	14.8
Electricians	19.76	5.4	790	5.4	41,096	5.4
Pipelayers, plumbers, pipefitters, and steamfitters	19.82	10.0	793	10.0	41,227	10.0
Plumbers, pipefitters, and steamfitters	19.82	10.0	793	10.0	41,227	10.0
Sheet metal workers	15.98	4.9	639	4.9	33,244	4.9
Helpers, construction trades	11.75	5.1	470	5.1	24,447	5.1
Helpers--carpenters	12.27	3.8	491	3.8	25,513	3.8
Helpers--pipelayers, plumbers, pipefitters, and steamfitters	12.21	4.3	489	4.3	25,404	4.3
Derrick, rotary drill, and service unit operators, oil, gas, and mining	22.99	14.9	1,007	17.7	46,771	17.7

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 by occupation 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						
Service unit operators, oil, gas, and mining	\$17.80	9.1%	\$707	9.2%	\$36,781	9.2%
Installation, maintenance, and repair occupations	21.43	3.0	862	3.2	44,557	3.2
First-line supervisors/managers of mechanics, installers, and repairers	27.59	9.6	1,117	9.8	56,620	9.8
Radio and telecommunications equipment installers and repairers	24.68	9.7	987	9.7	51,328	9.7
Telecommunications equipment installers and repairers, except line installers	25.13	10.4	1,005	10.4	52,262	10.4
Miscellaneous electrical and electronic equipment mechanics, installers, and repairers	19.94	14.1	795	14.1	41,326	14.1
Electrical and electronics repairers, commercial and industrial equipment	23.93	8.2	957	8.2	49,768	8.2
Automotive technicians and repairers	15.60	10.0	633	10.2	32,925	10.2
Automotive service technicians and mechanics	15.68	12.5	637	12.7	33,127	12.7
Bus and truck mechanics and diesel engine specialists	19.79	7.2	792	7.2	41,168	7.2
Heavy vehicle and mobile equipment service technicians and mechanics	21.48	11.1	855	11.0	44,440	11.0
Mobile heavy equipment mechanics, except engines	20.30	1.8	807	1.9	41,974	1.9
Industrial machinery installation, repair, and maintenance workers	20.33	5.9	824	6.3	42,256	6.3
Industrial machinery mechanics	23.97	4.5	957	4.6	49,765	4.6
Maintenance and repair workers, general ..	17.27	7.4	691	7.4	35,912	7.4
Maintenance workers, machinery	17.16	7.3	754	13.7	35,686	13.7
Miscellaneous installation, maintenance, and repair workers	17.82	7.5	713	7.5	37,063	7.5
Production occupations	16.40	3.8	654	3.8	33,814	3.8
First-line supervisors/managers of production and operating workers	31.62	8.9	1,266	9.0	64,242	9.0
Aircraft structure, surfaces, rigging, and systems assemblers	25.40	4.2	1,016	4.2	52,836	4.2
Electrical, electronics, and electromechanical assemblers	12.63	9.0	505	9.0	26,271	9.0

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 by occupation 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						
Electrical and electronic equipment assemblers	\$12.89	9.7%	\$515	9.7%	\$26,803	9.7%
Miscellaneous assemblers and fabricators	13.71	9.8	548	9.8	28,457	9.8
Bakers	15.96	11.4	614	14.4	31,926	14.4
Butchers and other meat, poultry, and fish processing workers	12.33	7.1	493	7.1	25,656	7.1
Slaughterers and meat packers	13.32	2.1	533	2.1	27,702	2.1
Miscellaneous food processing workers	13.60	14.9	538	15.1	27,983	15.1
Computer control programmers and operators	16.99	5.4	680	5.4	35,335	5.4
Computer-controlled machine tool operators, metal and plastic	16.99	5.4	680	5.4	35,335	5.4
Machine tool cutting setters, operators, and tenders, metal and plastic	13.91	14.9	556	14.9	28,931	14.9
Cutting, punching, and press machine setters, operators, and tenders, metal and plastic	11.59	11.2	464	11.2	24,114	11.2
Machinists	22.10	7.4	884	7.4	45,968	7.4
Molders and molding machine setters, operators, and tenders, metal and plastic	10.04	11.2	399	11.2	20,726	11.2
Molding, coremaking, and casting machine setters, operators, and tenders, metal and plastic	10.00	15.6	396	15.9	20,577	15.9
Welding, soldering, and brazing workers	17.99	5.9	720	5.9	37,426	5.9
Welders, cutters, solderers, and brazers	18.40	6.8	736	6.8	38,274	6.8
Miscellaneous metalworkers and plastic workers	14.36	18.2	574	18.2	29,867	18.2
Lay-out workers, metal and plastic	14.67	3.7	587	3.7	30,515	3.7
Printers	20.75	9.4	829	9.4	43,107	9.4
Prepress technicians and workers	21.51	11.4	860	11.4	44,741	11.4
Printing machine operators	20.30	9.6	810	9.5	42,128	9.5
Laundry and dry-cleaning workers	9.68	7.6	384	7.8	19,967	7.8
Miscellaneous plant and system operators	28.84	12.9	1,150	13.0	54,885	13.0
Petroleum pump system operators, refinery operators, and gaugers	31.01	7.1	1,242	7.1	57,549	7.1
Chemical processing machine setters, operators, and tenders	25.03	9.6	1,001	9.6	52,056	9.6
Chemical equipment operators and tenders	25.03	9.6	1,001	9.6	52,056	9.6
Crushing, grinding, polishing, mixing, and blending workers	16.33	19.7	653	19.7	33,975	19.7
Inspectors, testers, sorters, samplers, and weighers	17.71	6.7	707	6.7	36,776	6.7

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 by occupation 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						
Packaging and filling machine operators and tenders	\$14.24	6.9%	\$562	7.9%	\$29,230	7.9%
Painting workers	14.94	8.6	598	8.6	31,072	8.6
Coating, painting, and spraying machine setters, operators, and tenders	13.99	7.0	560	7.0	29,097	7.0
Painters, transportation equipment	16.65	18.1	666	18.1	34,627	18.1
Miscellaneous production workers	12.39	6.3	493	6.3	25,588	6.3
Helpers--production workers	11.57	6.3	459	6.5	23,861	6.5
Transportation and material moving occupations						
First-line supervisors/managers of transportation and material-moving machine and vehicle operators	16.25	5.0	655	4.6	33,816	4.6
Driver/sales workers and truck drivers	24.11	17.3	985	17.6	51,213	17.6
Truck drivers, heavy and tractor-trailer	19.39	5.7	842	5.4	43,775	5.4
Truck drivers, light or delivery services	18.85	6.4	838	6.4	43,553	6.4
Crane and tower operators	21.60	8.9	864	8.9	44,922	8.9
Industrial truck and tractor operators	19.42	8.1	777	8.1	38,288	8.1
Laborers and material movers, hand	13.06	5.8	521	5.8	27,110	5.8
Cleaners of vehicles and equipment	11.86	2.1	466	2.2	23,800	2.2
Laborers and freight, stock, and material movers, hand	12.27	7.2	491	7.2	25,526	7.2
Machine feeders and offbearers	11.88	2.9	465	3.1	23,549	3.1
Packers and packagers, hand	12.45	11.4	495	11.7	25,726	11.7
	11.14	8.5	437	9.3	22,718	9.3

¹ The NCS uses the 2000 Standard Occupational Classification coding structure, which defines more than 800 unique occupations, to match jobs sampled by the survey. Military occupations are excluded from the survey.

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, weighted 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 chapter 8 of the BLS Handbook of

Methods, at http://www.bls.gov/opub/hom/homch8_a.htm.

⁴ Mean weekly earnings are based on the straight-time weekly wages or salaries paid to employees, exclusive of overtime.

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

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

SOURCE: Bureau of Labor Statistics, National Compensation Survey.