

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 <sup>1</sup>	Hourly earnings <sup>2</sup>		Weekly earnings <sup>4</sup>		Annual earnings <sup>5</sup>	
	Mean	Relative error <sup>3</sup>	Mean	Relative error <sup>3</sup>	Mean	Relative error <sup>3</sup>
<b>All workers</b> .....	\$27.46	2.2%	\$1,093	2.1%	\$56,474	2.1%
<b>Management occupations</b> .....	53.96	2.3	2,186	2.3	113,629	2.3
Chief executives .....	141.54	22.9	5,786	24.8	300,865	24.8
General and operations managers .....	63.58	7.9	2,547	7.9	132,456	7.9
Marketing and sales managers .....	54.08	6.4	2,197	6.5	114,245	6.5
Marketing managers .....	58.28	5.9	2,371	5.6	123,292	5.6
Sales managers .....	47.10	14.0	1,909	14.6	99,248	14.6
Administrative services managers .....	42.07	5.6	1,670	5.5	86,844	5.5
Computer and information systems managers .....	57.19	4.4	2,447	6.0	127,260	6.0
Financial managers .....	60.03	5.2	2,422	5.3	125,961	5.3
Human resources managers .....	45.91	18.1	1,861	17.8	96,783	17.8
Industrial production managers .....	52.02	6.8	2,088	6.7	108,580	6.7
Purchasing managers .....	54.28	6.9	2,171	6.9	112,893	6.9
Transportation, storage, and distribution managers .....	45.45	6.3	1,818	6.3	94,542	6.3
Construction managers .....	49.92	6.1	1,997	6.1	103,826	6.1
Education administrators .....	31.64	7.4	1,253	7.6	64,723	7.6
Education administrators, postsecondary ..	34.78	7.4	1,385	7.6	71,281	7.6
Engineering managers .....	66.39	3.7	2,681	3.7	139,395	3.7
Lodging managers .....	27.35	10.1	1,144	6.1	59,495	6.1
Medical and health services managers .....	48.99	4.6	1,959	4.6	101,847	4.6
Property, real estate, and community association managers .....	27.38	11.0	1,108	11.2	57,615	11.2
Social and community service managers .....	31.72	8.1	1,261	8.4	65,584	8.4
<b>Business and financial operations occupations</b> .....	36.23	1.8	1,465	1.8	76,176	1.8
Buyers and purchasing agents .....	39.41	6.7	1,674	8.7	87,047	8.7
Wholesale and retail buyers, except farm products .....	32.09	8.5	1,287	8.4	66,925	8.4
Purchasing agents, except wholesale, retail, and farm products .....	41.93	7.4	1,816	9.7	94,441	9.7
Claims adjusters, appraisers, examiners, and investigators .....	27.74	5.4	1,097	5.1	57,023	5.1
Claims adjusters, examiners, and investigators .....	28.18	5.1	1,113	4.8	57,887	4.8
Compliance officers, except agriculture, construction, health and safety, and transportation .....	39.28	14.7	1,606	16.3	83,501	16.3
Cost estimators .....	38.68	12.7	1,547	12.7	80,453	12.7
Human resources, training, and labor relations specialists .....	31.66	6.5	1,271	6.5	66,067	6.5

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 <sup>1</sup>	Hourly earnings <sup>2</sup>		Weekly earnings <sup>4</sup>		Annual earnings <sup>5</sup>	
	Mean	Relative error <sup>3</sup>	Mean	Relative error <sup>3</sup>	Mean	Relative error <sup>3</sup>
<b>Business and financial operations occupations –Continued</b>						
Employment, recruitment, and placement specialists .....	\$24.90	13.1%	\$996	13.1%	\$51,802	13.1%
Compensation, benefits, and job analysis specialists .....	38.14	12.4	1,535	12.3	79,815	12.3
Training and development specialists .....	32.80	6.8	1,312	6.8	68,215	6.8
Logisticians .....	38.90	9.5	1,556	9.5	80,922	9.5
Management analysts .....	39.69	1.7	1,589	1.7	82,638	1.7
Accountants and auditors .....	33.16	7.4	1,333	7.5	69,311	7.5
Financial analysts and advisors .....	38.83	7.1	1,555	7.1	80,885	7.1
Financial analysts .....	39.95	7.1	1,601	7.1	83,232	7.1
Insurance underwriters .....	26.22	14.1	1,049	14.1	54,537	14.1
Loan counselors and officers .....	33.31	13.7	1,332	13.7	69,276	13.7
Loan officers .....	33.97	14.6	1,359	14.6	70,664	14.6
<b>Computer and mathematical science occupations .....</b>						
Computer programmers .....	41.42	3.2	1,702	2.9	88,484	2.9
Computer software engineers .....	38.62	3.0	1,545	3.0	80,319	3.0
Computer software engineers, applications .....	48.56	2.2	2,037	1.7	105,911	1.7
Computer software engineers, systems software .....	45.21	2.5	1,953	2.8	101,557	2.8
Computer support specialists .....	52.13	3.6	2,121	3.5	110,277	3.5
Computer systems analysts .....	26.31	8.4	1,077	9.1	55,966	9.1
Database administrators .....	41.48	2.2	1,698	2.2	88,318	2.2
Network and computer systems administrators .....	46.61	11.1	1,864	11.5	96,906	11.5
Network systems and data communications analysts .....	37.35	10.7	1,487	10.7	77,348	10.7
Network systems and data communications analysts .....	32.02	11.9	1,270	11.7	66,049	11.7
<b>Architecture and engineering occupations ....</b>						
Architects, except naval .....	46.29	3.7	1,869	3.6	96,903	3.6
Architects, except landscape and naval ....	32.20	11.7	1,259	13.8	65,452	13.8
Architects, except landscape and naval ....	32.20	11.7	1,259	13.8	65,452	13.8
Engineers .....	49.75	4.2	2,015	4.2	104,775	4.2
Aerospace engineers .....	54.89	2.7	2,196	2.7	114,180	2.7
Civil engineers .....	46.30	15.5	1,823	16.2	94,814	16.2
Computer hardware engineers .....	48.20	6.5	2,093	4.7	108,841	4.7
Electrical and electronics engineers .....	51.86	13.7	2,074	13.7	107,859	13.7
Electrical engineers .....	53.58	6.5	2,143	6.5	111,441	6.5
Electronics engineers, except computer .....	51.25	17.7	2,050	17.7	106,603	17.7
Industrial engineers, including health and safety .....	40.45	4.3	1,631	4.5	84,837	4.5

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 <sup>1</sup>	Hourly earnings <sup>2</sup>		Weekly earnings <sup>4</sup>		Annual earnings <sup>5</sup>	
	Mean	Relative error <sup>3</sup>	Mean	Relative error <sup>3</sup>	Mean	Relative error <sup>3</sup>
<b>Architecture and engineering occupations</b>						
–Continued						
Industrial engineers .....	\$42.05	4.6%	\$1,702	4.7%	\$88,489	4.7%
Mechanical engineers .....	46.39	9.3	1,917	11.2	99,663	11.2
Drafters .....	37.64	14.5	1,506	14.5	78,289	14.5
Architectural and civil drafters .....	26.32	14.3	1,053	14.3	54,744	14.3
Engineering technicians, except drafters .....	32.65	4.4	1,306	4.4	66,626	4.4
Aerospace engineering and operations technicians .....	32.18	2.6	1,287	2.6	66,944	2.6
Electrical and electronic engineering technicians .....	29.07	7.7	1,163	7.7	60,459	7.7
<b>Life, physical, and social science occupations</b>	35.39	6.0	1,421	6.2	73,913	6.2
Life scientists .....	37.25	12.8	1,494	12.9	77,692	12.9
Biological scientists .....	36.84	12.9	1,480	13.2	76,936	13.2
Biochemists and biophysicists .....	40.91	16.9	1,639	17.0	85,220	17.0
Physical scientists .....	38.12	7.6	1,532	7.6	79,677	7.6
Market and survey researchers .....	49.68	9.5	2,040	9.5	106,074	9.5
Market research analysts .....	49.68	9.5	2,040	9.5	106,074	9.5
Biological technicians .....	25.96	9.2	1,034	9.2	53,794	9.2
<b>Community and social services occupations</b>	21.12	11.1	834	11.3	43,377	11.3
Counselors .....	21.06	10.6	818	10.1	42,525	10.1
Social workers .....	22.81	14.8	909	15.1	47,266	15.1
Child, family, and school social workers ..	17.26	12.4	690	12.4	35,906	12.4
Medical and public health social workers	30.15	8.6	1,206	8.6	62,719	8.6
Miscellaneous community and social service specialists .....	14.52	9.4	582	9.5	30,251	9.5
Social and human service assistants .....	13.97	7.7	560	7.7	29,100	7.7
<b>Legal occupations</b> .....	66.04	7.8	2,607	8.0	135,542	8.0
Lawyers .....	83.41	5.5	3,304	4.9	171,800	4.9
<b>Education, training, and library occupations</b>	40.40	4.7	1,582	4.8	71,385	4.8
Postsecondary teachers .....	48.22	8.0	1,884	7.7	87,603	7.7
Social sciences teachers, postsecondary ....	54.62	6.3	2,130	6.2	82,385	6.2
Health teachers, postsecondary .....	49.78	16.8	1,991	16.8	102,937	16.8
Health specialties teachers, postsecondary .....	54.34	24.4	2,174	24.4	112,093	24.4
Arts, communications, and humanities teachers, postsecondary .....	37.43	9.1	1,362	11.6	53,589	11.6
Miscellaneous postsecondary teachers .....	38.17	19.1	1,499	18.7	76,244	18.7

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 <sup>1</sup>	Hourly earnings <sup>2</sup>		Weekly earnings <sup>4</sup>		Annual earnings <sup>5</sup>	
	Mean	Relative error <sup>3</sup>	Mean	Relative error <sup>3</sup>	Mean	Relative error <sup>3</sup>
<b>Education, training, and library occupations</b>						
–Continued						
Primary, secondary, and special education						
school teachers .....	\$35.56	7.5%	\$1,398	7.7%	\$55,951	7.7%
Preschool and kindergarten teachers .....	20.12	12.9	784	12.6	37,218	12.6
Preschool teachers, except special						
education .....	17.50	3.2	681	2.6	32,919	2.6
Elementary and middle school teachers ....	32.64	8.4	1,245	9.5	46,275	9.5
Elementary school teachers, except						
special education .....	31.87	18.1	1,200	19.3	44,284	19.3
Secondary school teachers .....	42.56	8.2	1,704	8.2	66,998	8.2
Secondary school teachers, except						
special and vocational education .....	42.56	8.2	1,704	8.2	66,998	8.2
Librarians .....	39.79	10.2	1,562	9.9	73,936	9.9
<b>Arts, design, entertainment, sports, and media occupations</b>						
Designers .....	32.42	8.5	1,288	8.3	66,973	8.3
Graphic designers .....	29.10	8.2	1,159	8.3	60,245	8.3
News analysts, reporters and correspondents	27.15	8.9	1,077	9.3	55,983	9.3
Reporters and correspondents .....	24.79	17.6	981	17.4	51,030	17.4
Public relations specialists .....	24.79	17.6	981	17.4	51,030	17.4
Writers and editors .....	32.44	7.4	1,288	7.4	66,953	7.4
Technical writers .....	32.61	11.1	1,252	13.4	65,119	13.4
Broadcast and sound engineering technicians	38.28	11.5	1,531	11.5	79,617	11.5
and radio operators .....	36.24	10.5	1,450	10.5	75,375	10.5
<b>Healthcare practitioner and technical occupations</b>						
Pharmacists .....	35.75	2.4	1,393	2.4	72,448	2.4
Physicians and surgeons .....	57.06	2.6	2,250	3.4	116,977	3.4
Registered nurses .....	63.69	16.1	2,615	16.9	136,006	16.9
Therapists .....	42.47	2.3	1,621	2.6	84,282	2.6
Occupational therapists .....	36.92	3.7	1,456	3.7	75,724	3.7
Physical therapists .....	39.50	5.5	1,580	5.5	82,165	5.5
Respiratory therapists .....	39.74	3.9	1,590	3.9	82,668	3.9
Clinical laboratory technologists and	32.71	5.2	1,234	7.2	64,175	7.2
technicians .....	26.22	4.0	1,045	4.0	54,341	4.0
Medical and clinical laboratory						
technologists .....	32.34	4.8	1,285	5.1	66,838	5.1
Medical and clinical laboratory						
technicians .....	18.71	11.7	748	11.7	38,912	11.7

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 <sup>1</sup>	Hourly earnings <sup>2</sup>		Weekly earnings <sup>4</sup>		Annual earnings <sup>5</sup>	
	Mean	Relative error <sup>3</sup>	Mean	Relative error <sup>3</sup>	Mean	Relative error <sup>3</sup>
<b>Healthcare practitioner and technical occupations –Continued</b>						
Diagnostic related technologists and technicians .....	\$34.26	7.6%	\$1,359	7.7%	\$70,680	7.7%
Radiologic technologists and technicians ..	32.35	5.6	1,284	5.6	66,751	5.6
Health diagnosing and treating practitioner support technicians .....	23.47	9.2	933	9.3	48,504	9.3
Pharmacy technicians .....	18.55	12.4	732	12.5	38,062	12.5
Surgical technologists .....	23.00	8.3	920	8.3	47,831	8.3
Licensed practical and licensed vocational nurses .....	24.23	3.6	934	5.2	48,543	5.2
Medical records and health information technicians .....	15.84	6.8	634	6.8	32,942	6.8
<b>Healthcare support occupations</b> .....	15.34	2.8	600	3.0	31,181	3.0
Nursing, psychiatric, and home health aides	12.68	2.7	490	3.0	25,440	3.0
Nursing aides, orderlies, and attendants ....	12.71	2.8	493	3.1	25,591	3.1
Miscellaneous healthcare support occupations .....	17.63	4.2	703	4.2	36,562	4.2
Medical assistants .....	18.59	4.6	740	4.7	38,475	4.7
<b>Protective service occupations</b> .....	13.77	8.9	545	8.7	28,316	8.7
Security guards and gaming surveillance officers .....	12.47	8.3	492	8.0	25,602	8.0
Security guards .....	12.47	8.3	492	8.0	25,602	8.0
Miscellaneous protective service workers .....	15.24	6.2	610	6.2	31,708	6.2
Lifeguards, ski patrol, and other recreational protective service workers	15.48	7.6	619	7.6	32,197	7.6
<b>Food preparation and serving related occupations</b> .....	13.70	3.8	536	4.2	27,624	4.2
First-line supervisors/managers, food preparation and serving workers .....	21.64	4.0	876	4.2	42,959	4.2
Chefs and head cooks .....	25.32	4.4	1,013	4.4	50,296	4.4
First-line supervisors/managers of food preparation and serving workers .....	20.42	6.5	829	6.8	40,520	6.8
Cooks .....	14.95	3.9	591	3.8	30,758	3.8
Cooks, institution and cafeteria .....	18.11	10.1	724	10.1	37,667	10.1
Cooks, restaurant .....	14.40	3.7	571	3.7	29,676	3.7
Food preparation workers .....	13.61	4.9	544	4.9	28,313	4.9
Food service, tipped .....	9.03	3.3	347	4.9	17,928	4.9
Bartenders .....	12.54	14.8	502	14.8	26,088	14.8
Waiters and waitresses .....	8.45	2.6	324	4.5	16,701	4.5

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 <sup>1</sup>	Hourly earnings <sup>2</sup>		Weekly earnings <sup>4</sup>		Annual earnings <sup>5</sup>	
	Mean	Relative error <sup>3</sup>	Mean	Relative error <sup>3</sup>	Mean	Relative error <sup>3</sup>
<b>Food preparation and serving related occupations –Continued</b>						
Dining room and cafeteria attendants and bartender helpers .....	\$9.54	5.5%	\$362	7.9%	\$18,834	7.9%
Fast food and counter workers .....	14.49	5.9	568	6.2	29,555	6.2
Combined food preparation and serving workers, including fast food .....	14.84	7.3	579	7.7	30,103	7.7
Food servers, nonrestaurant .....	11.09	8.1	436	7.3	22,667	7.3
Dishwashers .....	13.36	8.0	525	9.3	27,291	9.3
<b>Building and grounds cleaning and maintenance occupations .....</b>						
First-line supervisors/managers, building and grounds cleaning and maintenance workers .....	13.47	3.6	534	3.8	27,658	3.8
First-line supervisors/managers of housekeeping and janitorial workers ...	21.78	10.5	871	10.5	45,294	10.5
Building cleaning workers .....	21.78	10.5	871	10.5	45,294	10.5
Janitors and cleaners, except maids and housekeeping cleaners .....	13.21	4.5	525	4.6	27,180	4.6
Maids and housekeeping cleaners .....	13.56	6.2	540	6.2	28,098	6.2
Grounds maintenance workers .....	12.61	4.7	499	4.7	25,971	4.7
Landscaping and groundskeeping workers	13.36	5.3	517	6.5	26,891	6.5
Landscaping and groundskeeping workers	12.85	6.2	496	7.8	25,811	7.8
<b>Personal care and service occupations .....</b>						
Gaming services workers .....	13.89	4.3	499	4.5	25,499	4.5
Gaming dealers .....	8.78	3.0	329	2.3	17,106	2.3
Miscellaneous entertainment attendants and related workers .....	8.55	4.9	313	1.3	16,273	1.3
Baggage porters, bellhops, and concierges ....	11.04	8.4	442	8.4	20,029	8.4
Concierges .....	12.12	8.5	479	8.5	24,901	8.5
Recreation and fitness workers .....	13.36	9.8	526	9.9	27,327	9.9
Recreation and fitness workers .....	15.37	14.8	615	14.8	31,975	14.8
<b>Sales and related occupations .....</b>						
First-line supervisors/managers, sales workers .....	21.05	4.4	835	4.4	43,307	4.4
First-line supervisors/managers of retail sales workers .....	21.77	7.0	874	7.0	45,434	7.0
First-line supervisors/managers of non-retail sales workers .....	19.40	3.2	779	3.2	40,505	3.2
Retail sales workers .....	31.00	27.2	1,240	27.2	64,474	27.2
Cashiers, all workers .....	14.80	5.4	583	5.3	30,229	5.3
Cashiers .....	12.60	4.2	499	4.3	25,770	4.3
Cashiers .....	12.61	4.2	500	4.3	25,773	4.3

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 <sup>1</sup>	Hourly earnings <sup>2</sup>		Weekly earnings <sup>4</sup>		Annual earnings <sup>5</sup>	
	Mean	Relative error <sup>3</sup>	Mean	Relative error <sup>3</sup>	Mean	Relative error <sup>3</sup>
<b>Sales and related occupations –Continued</b>						
Counter and rental clerks and parts salespersons .....	\$18.20	9.8%	\$728	9.8%	\$37,864	9.8%
Counter and rental clerks .....	19.43	15.8	777	15.8	40,406	15.8
Retail salespersons .....	15.76	5.7	618	5.5	32,117	5.5
Advertising sales agents .....	16.68	15.9	665	15.8	34,589	15.8
Securities, commodities, and financial services sales agents .....	59.14	11.2	2,365	11.2	123,004	11.2
Sales representatives, wholesale and manufacturing .....	41.07	7.4	1,668	7.4	86,719	7.4
Sales representatives, wholesale and manufacturing, technical and scientific products .....	49.88	10.6	1,998	10.6	103,914	10.6
Sales representatives, wholesale and manufacturing, except technical and scientific products .....	35.61	10.7	1,458	11.2	75,832	11.2
Models, demonstrators, and product promoters .....	29.14	15.3	1,166	15.3	60,614	15.3
Demonstrators and product promoters .....	29.14	15.3	1,166	15.3	60,614	15.3
Miscellaneous sales and related workers .....	19.24	5.9	752	6.0	38,269	6.0
<b>Office and administrative support occupations .....</b>						
First-line supervisors/managers of office and administrative support workers .....	27.26	4.8	1,098	5.6	57,120	5.6
Financial clerks .....	18.78	1.2	749	1.2	38,967	1.2
Bill and account collectors .....	20.17	4.2	807	4.2	41,946	4.2
Billing and posting clerks and machine operators .....	18.12	4.4	720	4.2	37,419	4.2
Bookkeeping, accounting, and auditing clerks .....	19.14	1.5	764	1.5	39,716	1.5
Payroll and timekeeping clerks .....	18.53	5.6	740	5.6	38,454	5.6
Procurement clerks .....	17.43	8.8	697	8.8	36,255	8.8
Tellers .....	15.71	6.5	628	6.5	32,667	6.5
Credit authorizers, checkers, and clerks .....	18.18	5.8	727	5.8	37,820	5.8
Customer service representatives .....	17.69	5.6	708	5.6	36,801	5.6
Hotel, motel, and resort desk clerks .....	14.88	4.6	590	4.7	30,688	4.7
Interviewers, except eligibility and loan .....	16.52	4.8	635	4.3	32,995	4.3
Loan interviewers and clerks .....	18.07	17.3	723	17.3	37,593	17.3
Order clerks .....	16.15	4.9	642	4.9	33,365	4.9
Human resources assistants, except payroll and timekeeping .....	18.65	5.5	742	6.0	38,588	6.0
Receptionists and information clerks .....	16.73	6.9	662	7.1	34,439	7.1

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 <sup>1</sup>	Hourly earnings <sup>2</sup>		Weekly earnings <sup>4</sup>		Annual earnings <sup>5</sup>	
	Mean	Relative error <sup>3</sup>	Mean	Relative error <sup>3</sup>	Mean	Relative error <sup>3</sup>
<b>Office and administrative support occupations –Continued</b>						
Reservation and transportation ticket agents and travel clerks .....	\$18.53	5.0%	\$738	5.1%	\$38,367	5.1%
Dispatchers .....	17.35	8.2	697	8.1	36,233	8.1
Dispatchers, except police, fire, and ambulance .....	17.84	8.0	714	8.0	37,106	8.0
Production, planning, and expediting clerks .....	22.34	9.7	894	9.7	46,477	9.7
Shipping, receiving, and traffic clerks .....	12.89	7.2	515	7.2	26,802	7.2
Stock clerks and order fillers .....	15.42	4.8	608	4.9	31,623	4.9
Weighers, measurers, checkers, and samplers, recordkeeping .....	16.01	9.9	640	9.9	30,439	9.9
Secretaries and administrative assistants .....	24.31	2.8	964	2.6	50,148	2.6
Executive secretaries and administrative assistants .....	24.91	2.4	994	2.4	51,697	2.4
Medical secretaries .....	19.15	5.8	746	6.2	38,803	6.2
Secretaries, except legal, medical, and executive .....	18.72	7.5	748	7.4	38,878	7.4
Data entry and information processing workers .....	13.89	3.7	553	3.7	28,741	3.7
Data entry keyers .....	13.05	4.8	519	4.8	26,967	4.8
Word processors and typists .....	18.75	7.9	750	7.9	38,996	7.9
Insurance claims and policy processing clerks .....	17.48	7.3	696	7.3	36,167	7.3
Office clerks, general .....	17.62	5.6	698	5.9	36,319	5.9
<b>Farming, fishing, and forestry occupations ..</b>	17.34	16.6	693	16.6	35,133	16.6
<b>Construction and extraction occupations .....</b>	27.24	7.8	1,084	7.6	55,252	7.6
First-line supervisors/managers of construction trades and extraction workers .....	41.55	9.4	1,650	8.9	83,350	8.9
Carpenters .....	26.92	6.7	1,074	6.6	53,698	6.6
Construction laborers .....	25.23	7.9	1,009	7.9	46,783	7.9
Construction equipment operators .....	32.54	7.6	1,302	7.6	66,587	7.6
Operating engineers and other construction equipment operators .....	32.54	7.6	1,302	7.6	66,587	7.6
Electricians .....	33.54	9.6	1,318	9.1	68,462	9.1
Painters and paperhangers .....	18.32	9.5	721	10.7	37,482	10.7
Painters, construction and maintenance ....	17.25	8.6	675	9.0	35,092	9.0
Pipelayers, plumbers, pipefitters, and steamfitters .....	31.52	2.9	1,261	2.9	65,570	2.9
Plumbers, pipefitters, and steamfitters .....	31.52	2.9	1,261	2.9	65,570	2.9

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 by occupation for full-time workers — Continued**

Occupation <sup>1</sup>	Hourly earnings <sup>2</sup>		Weekly earnings <sup>4</sup>		Annual earnings <sup>5</sup>	
	Mean	Relative error <sup>3</sup>	Mean	Relative error <sup>3</sup>	Mean	Relative error <sup>3</sup>
<b>Construction and extraction occupations</b> –Continued						
Helpers, construction trades .....	\$19.76	20.8%	\$790	20.8%	\$41,091	20.8%
<b>Installation, maintenance, and repair occupations</b> .....	26.30	5.1	1,051	5.1	54,565	5.1
First-line supervisors/managers of mechanics, installers, and repairers .....	36.20	14.6	1,448	14.6	75,301	14.6
Computer, automated teller, and office machine repairers .....	20.90	15.6	833	15.5	43,333	15.5
Radio and telecommunications equipment installers and repairers .....	28.52	6.3	1,136	6.5	59,055	6.5
Telecommunications equipment installers and repairers, except line installers .....	28.52	6.3	1,136	6.5	59,055	6.5
Miscellaneous electrical and electronic equipment mechanics, installers, and repairers .....	24.83	11.7	993	11.7	51,550	11.7
Electrical and electronics repairers, commercial and industrial equipment	29.85	11.9	1,194	11.9	61,779	11.9
Aircraft mechanics and service technicians ..	31.23	5.1	1,249	5.1	64,965	5.1
Automotive technicians and repairers .....	20.45	18.1	818	18.1	42,542	18.1
Automotive service technicians and mechanics .....	20.45	18.1	818	18.1	42,542	18.1
Bus and truck mechanics and diesel engine specialists .....	29.41	4.8	1,177	4.8	61,180	4.8
Heavy vehicle and mobile equipment service technicians and mechanics .....	25.94	3.7	1,038	3.7	53,961	3.7
Mobile heavy equipment mechanics, except engines .....	26.38	2.5	1,055	2.5	54,872	2.5
Industrial machinery installation, repair, and maintenance workers .....	24.81	4.3	990	4.5	51,471	4.5
Industrial machinery mechanics .....	27.22	6.3	1,086	6.3	56,457	6.3
Maintenance and repair workers, general ..	21.76	8.0	867	8.2	45,073	8.2
Maintenance workers, machinery .....	25.87	11.8	1,035	11.8	53,811	11.8
Line installers and repairers .....	36.54	5.1	1,462	5.1	76,003	5.1
Miscellaneous installation, maintenance, and repair workers .....	20.18	11.0	807	11.0	41,977	11.0
<b>Production occupations</b> .....	17.70	3.5	708	3.5	36,466	3.5
First-line supervisors/managers of production and operating workers .....	29.38	5.3	1,211	5.8	62,958	5.8
Electrical, electronics, and electromechanical assemblers .....	14.77	7.5	591	7.5	30,729	7.5

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 <sup>1</sup>	Hourly earnings <sup>2</sup>		Weekly earnings <sup>4</sup>		Annual earnings <sup>5</sup>	
	Mean	Relative error <sup>3</sup>	Mean	Relative error <sup>3</sup>	Mean	Relative error <sup>3</sup>
<b>Production occupations –Continued</b>						
Electromechanical equipment assemblers	\$15.63	13.4%	\$625	13.4%	\$32,513	13.4%
Miscellaneous assemblers and fabricators .....	14.90	3.2	596	3.2	30,985	3.2
Team assemblers .....	11.83	12.7	473	12.7	24,615	12.7
Butchers and other meat, poultry, and fish processing workers .....	17.23	11.8	675	12.0	35,100	12.0
Butchers and meat cutters .....	19.06	6.9	740	8.3	38,457	8.3
Miscellaneous food processing workers .....	12.37	7.6	492	7.4	25,590	7.4
Food batchmakers .....	14.23	9.4	563	8.9	29,268	8.9
Food cooking machine operators and tenders .....	10.07	2.8	403	2.8	20,939	2.8
Computer control programmers and operators .....	20.77	9.3	831	9.3	43,200	9.3
Computer-controlled machine tool operators, metal and plastic .....	18.70	9.5	748	9.5	38,897	9.5
Machine tool cutting setters, operators, and tenders, metal and plastic .....	13.39	4.5	535	4.5	27,845	4.5
Grinding, lapping, polishing, and buffing machine tool setters, operators, and tenders, metal and plastic .....	11.85	4.4	474	4.4	24,647	4.4
Lathe and turning machine tool setters, operators, and tenders, metal and plastic .....	12.95	1.4	518	1.4	26,927	1.4
Machinists .....	26.21	4.9	1,048	4.9	54,509	4.9
Multiple machine tool setters, operators, and tenders, metal and plastic .....	12.64	3.7	505	3.7	26,286	3.7
Welding, soldering, and brazing workers .....	21.02	10.1	841	10.1	43,715	10.1
Welders, cutters, solderers, and brazers ....	20.94	12.4	838	12.4	43,563	12.4
Miscellaneous metalworkers and plastic workers .....	19.95	9.5	798	9.5	41,497	9.5
Printers .....	19.14	8.9	765	8.9	39,776	8.9
Prepress technicians and workers .....	23.66	8.1	946	8.1	49,203	8.1
Printing machine operators .....	17.46	9.9	698	9.9	36,284	9.9
Laundry and dry-cleaning workers .....	10.75	3.8	419	3.6	21,770	3.6
Miscellaneous textile, apparel, and furnishings workers .....	12.39	10.3	495	10.3	25,762	10.3
Woodworking machine setters, operators, and tenders .....	15.65	14.2	626	14.2	32,544	14.2
Sawing machine setters, operators, and tenders, wood .....	17.68	17.0	707	17.0	36,773	17.0
Woodworking machine setters, operators, and tenders, except sawing .....	14.13	12.6	565	12.6	29,390	12.6
Stationary engineers and boiler operators .....	29.43	6.8	1,177	6.8	61,214	6.8

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 <sup>1</sup>	Hourly earnings <sup>2</sup>		Weekly earnings <sup>4</sup>		Annual earnings <sup>5</sup>	
	Mean	Relative error <sup>3</sup>	Mean	Relative error <sup>3</sup>	Mean	Relative error <sup>3</sup>
<b>Production occupations –Continued</b>						
Chemical processing machine setters, operators, and tenders .....	\$21.02	13.4%	\$818	12.8%	\$42,534	12.8%
Crushing, grinding, polishing, mixing, and blending workers .....	14.24	8.2	569	8.2	29,609	8.2
Cutting workers .....	16.51	18.1	660	18.1	32,887	18.1
Cutting and slicing machine setters, operators, and tenders .....	16.55	18.3	662	18.3	33,694	18.3
Inspectors, testers, sorters, samplers, and weighers .....	18.50	7.8	740	7.8	38,372	7.8
Packaging and filling machine operators and tenders .....	15.17	7.9	603	7.7	30,704	7.7
Semiconductor processors .....	18.22	5.8	729	5.8	37,891	5.8
Miscellaneous production workers .....	14.68	12.5	587	12.5	28,736	12.5
Paper goods machine setters, operators, and tenders .....	19.72	17.9	789	17.9	41,028	17.9
Helpers--production workers .....	11.25	9.2	450	9.2	18,695	9.2
<b>Transportation and material moving occupations .....</b>						
First-line supervisors/managers of helpers, laborers, and material movers, hand .....	23.52	13.8	941	13.8	48,912	13.8
First-line supervisors/managers of transportation and material-moving machine and vehicle operators .....	29.21	4.6	1,168	4.6	60,761	4.6
Aircraft pilots and flight engineers .....	111.41	12.7	2,172	13.3	112,966	13.3
Airline pilots, copilots, and flight engineers .....	111.41	12.7	2,172	13.3	112,966	13.3
Driver/sales workers and truck drivers .....	23.67	2.0	962	2.3	49,770	2.3
Driver/sales workers .....	16.46	14.5	658	14.5	34,227	14.5
Truck drivers, heavy and tractor-trailer ....	23.62	2.1	973	2.6	50,515	2.6
Truck drivers, light or delivery services ....	24.97	3.5	999	3.5	51,448	3.5
Industrial truck and tractor operators .....	16.41	4.5	655	4.5	33,846	4.5
Laborers and material movers, hand .....	12.71	4.6	505	4.6	25,973	4.6
Cleaners of vehicles and equipment .....	13.30	8.8	529	8.8	26,947	8.8
Laborers and freight, stock, and material movers, hand .....	13.72	4.6	548	4.6	28,034	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 by occupation for full-time workers — Continued**

Occupation <sup>1</sup>	Hourly earnings <sup>2</sup>		Weekly earnings <sup>4</sup>		Annual earnings <sup>5</sup>	
	Mean	Relative error <sup>3</sup>	Mean	Relative error <sup>3</sup>	Mean	Relative error <sup>3</sup>
<b>Transportation and material moving occupations –Continued</b>						
Machine feeders and offbearers .....	\$9.19	1.9%	\$366	1.8%	\$19,038	1.8%
Packers and packagers, hand .....	11.40	10.2	449	10.2	23,300	10.2

<sup>1</sup> 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.

<sup>2</sup> 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.

<sup>3</sup> 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](http://www.bls.gov/opub/hom/homch8_a.htm).

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

<sup>5</sup> 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.