

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 <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> .....	\$25.73	2.5%	\$1,025	2.6%	\$52,989	2.6%
<b>Management occupations</b> .....	51.44	2.3	2,091	2.2	108,703	2.2
General and operations managers .....	65.36	7.3	2,624	7.5	136,459	7.5
Marketing and sales managers .....	49.39	7.1	2,026	6.6	105,360	6.6
Marketing managers .....	51.94	2.4	2,145	1.8	111,556	1.8
Sales managers .....	45.65	15.7	1,854	15.4	96,411	15.4
Public relations managers .....	52.73	13.5	2,034	14.6	105,777	14.6
Administrative services managers .....	37.47	5.1	1,478	4.9	76,837	4.9
Computer and information systems managers .....	60.90	7.1	2,588	7.3	134,593	7.3
Financial managers .....	54.17	7.4	2,208	7.3	114,838	7.3
Human resources managers .....	46.54	13.8	1,900	13.0	98,799	13.0
Industrial production managers .....	46.11	5.0	1,846	4.4	96,008	4.4
Purchasing managers .....	45.69	4.1	1,873	5.8	97,385	5.8
Transportation, storage, and distribution managers .....	41.91	2.9	1,676	2.9	87,169	2.9
Construction managers .....	46.75	7.5	1,896	6.6	98,592	6.6
Education administrators .....	30.50	19.4	1,220	19.4	62,568	19.4
Education administrators, elementary and secondary school .....	39.15	7.9	1,566	7.9	80,225	7.9
Education administrators, postsecondary ..	35.10	8.1	1,404	8.1	71,161	8.1
Engineering managers .....	62.76	4.2	2,524	4.1	131,273	4.1
Lodging managers .....	37.71	49.5	1,653	42.2	85,970	42.2
Medical and health services managers .....	47.61	6.1	1,902	6.2	98,909	6.2
Social and community service managers .....	27.05	12.2	1,071	12.1	55,185	12.1
<b>Business and financial operations occupations</b> .....	33.30	.9	1,349	1.0	70,136	1.0
Buyers and purchasing agents .....	32.82	3.8	1,358	5.7	70,641	5.7
Wholesale and retail buyers, except farm products .....	33.51	11.2	1,350	11.0	70,183	11.0
Purchasing agents, except wholesale, retail, and farm products .....	32.50	8.6	1,363	11.7	70,862	11.7
Claims adjusters, appraisers, examiners, and investigators .....	25.83	10.2	1,016	10.1	52,823	10.1
Claims adjusters, examiners, and investigators .....	25.96	9.9	1,020	9.8	53,050	9.8
Compliance officers, except agriculture, construction, health and safety, and transportation .....	58.79	18.8	2,463	20.9	128,068	20.9
Cost estimators .....	37.40	9.2	1,496	9.3	77,815	9.3
Human resources, training, and labor relations specialists .....	27.57	2.8	1,110	3.0	57,715	3.0

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 <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 .....	\$27.87	2.6%	\$1,115	2.6%	\$57,978	2.6%
Compensation, benefits, and job analysis specialists .....	24.01	12.5	968	12.4	50,350	12.4
Training and development specialists .....	26.42	8.8	1,070	9.6	55,644	9.6
Logisticians .....	39.13	8.8	1,565	8.8	81,385	8.8
Management analysts .....	38.58	4.4	1,551	4.5	80,678	4.5
Accountants and auditors .....	31.64	4.8	1,286	5.3	66,851	5.3
Budget analysts .....	25.22	3.9	1,007	3.8	52,386	3.8
Financial analysts and advisors .....	35.28	4.5	1,417	4.5	73,698	4.5
Financial analysts .....	35.14	1.7	1,416	1.8	73,641	1.8
Insurance underwriters .....	35.74	15.9	1,424	15.9	74,060	15.9
Loan counselors and officers .....	25.47	4.2	1,029	5.1	53,491	5.1
Loan officers .....	25.77	3.9	1,041	4.8	54,155	4.8
<b>Computer and mathematical science occupations .....</b>						
Computer and information scientists, research .....	45.30	19.5	1,812	19.5	94,221	19.5
Computer programmers .....	37.08	7.1	1,494	7.5	77,671	7.5
Computer software engineers .....	46.19	2.6	1,934	3.3	100,562	3.3
Computer software engineers, applications .....	42.66	5.5	1,832	4.3	95,283	4.3
Computer software engineers, systems software .....	48.50	6.0	1,998	6.6	103,876	6.6
Computer support specialists .....	25.25	9.7	1,035	11.1	53,778	11.1
Computer systems analysts .....	39.56	4.9	1,619	5.2	84,208	5.2
Database administrators .....	38.88	6.9	1,643	6.0	85,462	6.0
Network and computer systems administrators .....	34.22	2.8	1,355	2.7	70,444	2.7
Network systems and data communications analysts .....	32.08	9.1	1,293	9.4	67,231	9.4
<b>Architecture and engineering occupations ....</b>						
Engineers .....	44.00	3.1	1,770	3.3	92,051	3.3
Aerospace engineers .....	53.70	3.0	2,148	3.0	111,696	3.0
Civil engineers .....	41.82	10.9	1,673	10.9	86,977	10.9
Computer hardware engineers .....	43.18	7.3	1,770	6.6	92,050	6.6
Electrical and electronics engineers .....	42.39	7.4	1,696	7.4	88,212	7.4
Electrical engineers .....	49.77	7.7	1,991	7.7	103,515	7.7
Electronics engineers, except computer .....	39.93	8.5	1,598	8.6	83,110	8.6

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 <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, including health and safety .....	\$38.88	5.5%	\$1,588	6.3%	\$82,597	6.3%
Industrial engineers .....	40.90	2.3	1,676	3.1	87,129	3.1
Mechanical engineers .....	38.77	9.2	1,551	9.2	80,647	9.2
Nuclear engineers .....	44.73	.6	1,789	.6	93,037	.6
Drafters .....	25.96	8.1	1,039	8.1	54,005	8.1
Architectural and civil drafters .....	24.74	12.6	990	12.6	51,455	12.6
Engineering technicians, except drafters .....	28.35	4.4	1,134	4.4	57,721	4.4
Aerospace engineering and operations technicians .....	29.41	3.1	1,176	3.1	61,164	3.1
Electrical and electronic engineering technicians .....	26.63	5.7	1,065	5.7	55,392	5.7
<b>Life, physical, and social science occupations</b>	34.82	5.8	1,411	7.0	73,352	7.0
Life scientists .....	35.36	12.8	1,409	13.5	73,269	13.5
Biological scientists .....	37.90	8.8	1,507	10.1	78,378	10.1
Biochemists and biophysicists .....	39.47	12.5	1,559	13.9	81,078	13.9
Medical scientists .....	24.65	20.7	986	20.7	51,267	20.7
Physical scientists .....	40.27	4.9	1,615	4.8	83,978	4.8
Chemists and materials scientists .....	31.01	10.0	1,254	8.9	65,190	8.9
Chemists .....	30.86	10.3	1,248	9.3	64,873	9.3
Environmental scientists and geoscientists	41.66	7.9	1,666	7.9	86,656	7.9
Environmental scientists and specialists, including health .....	41.48	8.1	1,659	8.1	86,285	8.1
Market and survey researchers .....	43.39	6.9	1,932	3.8	100,446	3.8
Market research analysts .....	43.44	7.0	1,934	3.9	100,590	3.9
Biological technicians .....	22.58	8.9	892	8.9	46,377	8.9
<b>Community and social services occupations</b>	20.32	8.8	792	8.1	40,493	8.1
Counselors .....	18.64	6.5	721	6.8	37,469	6.8
Social workers .....	22.56	12.1	904	12.0	46,223	12.0
Child, family, and school social workers ..	17.57	8.1	703	8.1	35,193	8.1
Medical and public health social workers	32.60	12.0	1,304	12.0	67,798	12.0
Miscellaneous community and social service specialists .....	14.26	2.8	572	2.7	27,713	2.7
Social and human service assistants .....	14.31	3.2	574	3.1	27,529	3.1
<b>Legal occupations</b> .....	72.04	15.8	2,867	16.0	149,084	16.0
Lawyers .....	95.99	14.5	3,810	15.0	198,097	15.0
Paralegals and legal assistants .....	28.09	5.2	1,124	5.2	58,428	5.2

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 <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>	\$34.36	11.0%	\$1,347	10.8%	\$61,495	10.8%
Postsecondary teachers .....	47.39	9.0	1,840	8.5	82,497	8.5
Social sciences teachers, postsecondary ....	47.42	7.6	1,888	7.8	73,513	7.8
Health teachers, postsecondary .....	53.89	25.0	2,154	24.9	110,649	24.9
Arts, communications, and humanities teachers, postsecondary .....	38.24	2.2	1,399	4.0	55,768	4.0
English language and literature teachers, postsecondary .....	38.60	5.6	1,444	1.4	60,293	1.4
Miscellaneous postsecondary teachers .....	36.05	9.0	1,400	8.2	66,020	8.2
Primary, secondary, and special education school teachers .....	24.23	22.4	950	22.2	39,397	22.2
Preschool and kindergarten teachers .....	13.86	7.5	551	7.4	24,747	7.4
Preschool teachers, except special education .....	13.53	7.6	540	7.6	24,054	7.6
Elementary and middle school teachers ....	31.47	7.5	1,218	8.5	45,763	8.5
Elementary school teachers, except special education .....	29.20	5.2	1,137	6.1	42,225	6.1
Secondary school teachers .....	37.45	7.2	1,504	7.2	58,426	7.2
Secondary school teachers, except special and vocational education .....	37.45	7.2	1,504	7.2	58,426	7.2
Librarians .....	34.58	5.4	1,357	4.5	70,364	4.5
Teacher assistants .....	11.65	2.0	466	2.0	24,211	2.0
<b>Arts, design, entertainment, sports, and media occupations</b> .....	31.76	7.1	1,287	8.6	66,336	8.6
Designers .....	26.36	8.1	1,047	8.3	54,469	8.3
Graphic designers .....	22.63	5.7	896	6.6	46,574	6.6
Actors, producers, and directors .....	50.74	6.9	2,144	10.4	111,482	10.4
Producers and directors .....	50.74	6.9	2,144	10.4	111,482	10.4
News analysts, reporters and correspondents	26.64	14.4	1,017	13.5	52,878	13.5
Reporters and correspondents .....	26.64	14.4	1,017	13.5	52,878	13.5
Public relations specialists .....	25.33	8.2	1,013	8.2	52,686	8.2
Writers and editors .....	31.49	7.7	1,260	7.7	62,431	7.7
Editors .....	24.58	1.7	983	1.7	51,130	1.7
Technical writers .....	36.30	3.2	1,452	3.2	75,500	3.2
Broadcast and sound engineering technicians and radio operators .....	31.85	35.7	1,305	37.8	67,884	37.8
<b>Healthcare practitioner and technical occupations</b> .....	32.95	1.6	1,295	1.6	67,337	1.6
Dietitians and nutritionists .....	25.47	12.7	1,043	15.4	54,254	15.4
Pharmacists .....	50.56	1.3	2,011	1.1	104,551	1.1
Physicians and surgeons .....	63.82	9.2	2,564	9.3	133,322	9.3

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 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>						
Registered nurses .....	\$37.02	2.3%	\$1,437	2.3%	\$74,699	2.3%
Therapists .....	32.32	2.8	1,275	2.7	66,288	2.7
Occupational therapists .....	32.82	6.1	1,313	6.1	68,262	6.1
Physical therapists .....	34.90	1.8	1,382	2.0	71,840	2.0
Respiratory therapists .....	27.83	1.8	1,072	3.2	55,754	3.2
Clinical laboratory technologists and technicians .....	22.82	8.7	910	8.7	47,306	8.7
Medical and clinical laboratory technologists .....	33.17	4.5	1,322	4.5	68,719	4.5
Medical and clinical laboratory technicians .....	18.82	3.7	750	3.5	39,011	3.5
Diagnostic related technologists and technicians .....	30.22	5.5	1,207	5.5	62,784	5.5
Cardiovascular technologists and technicians .....	31.99	9.1	1,280	9.1	66,547	9.1
Radiologic technologists and technicians ..	29.09	5.4	1,162	5.4	60,413	5.4
Health diagnosing and treating practitioner support technicians .....	20.45	3.4	811	3.6	42,151	3.6
Pharmacy technicians .....	19.12	3.5	757	4.0	39,344	4.0
Surgical technologists .....	22.21	5.8	888	5.8	46,190	5.8
Licensed practical and licensed vocational nurses .....	21.90	2.5	860	2.4	44,738	2.4
Medical records and health information technicians .....	14.27	4.7	571	4.7	29,688	4.7
<b>Healthcare support occupations .....</b>	14.07	3.2	552	3.7	28,702	3.7
Nursing, psychiatric, and home health aides	12.08	3.8	469	4.4	24,396	4.4
Nursing aides, orderlies, and attendants ....	12.17	3.2	471	3.9	24,496	3.9
Psychiatric aides .....	12.65	6.5	506	6.5	26,304	6.5
Occupational therapist assistants and aides ...	18.63	2.5	745	2.5	38,745	2.5
Occupational therapist aides .....	18.63	2.5	745	2.5	38,745	2.5
Physical therapist assistants and aides .....	16.51	12.9	661	12.9	34,351	12.9
Physical therapist assistants .....	17.89	12.9	716	12.9	37,217	12.9
Miscellaneous healthcare support occupations .....	16.91	2.2	675	2.3	35,079	2.3
Medical assistants .....	16.79	3.8	669	3.9	34,766	3.9
Medical transcriptionists .....	21.58	11.9	863	11.9	44,892	11.9
<b>Protective service occupations .....</b>	13.29	5.8	528	6.1	27,434	6.1
Security guards and gaming surveillance officers .....	12.88	6.4	511	6.6	26,598	6.6

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 <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>Protective service occupations –Continued</b>						
Security guards .....	\$12.88	6.4%	\$511	6.6%	\$26,598	6.6%
Miscellaneous protective service workers .....	12.29	8.4	457	10.5	23,609	10.5
<b>Food preparation and serving related occupations .....</b>						
First-line supervisors/managers, food preparation and serving workers .....	12.18	4.7	480	4.8	24,839	4.8
Chefs and head cooks .....	18.75	5.7	772	5.5	39,085	5.5
First-line supervisors/managers of food preparation and serving workers .....	22.13	7.5	926	7.2	44,844	7.2
Cooks .....	17.90	7.5	734	7.1	37,579	7.1
Cooks, institution and cafeteria .....	13.21	4.9	522	4.7	27,154	4.7
Cooks, restaurant .....	14.54	3.5	582	3.5	30,246	3.5
Food preparation workers .....	13.22	4.4	523	3.8	27,174	3.8
Food service, tipped .....	10.13	8.1	401	8.0	20,864	8.0
Bartenders .....	8.27	2.3	314	2.8	16,239	2.8
Waiters and waitresses .....	9.78	9.1	390	9.1	20,291	9.1
Dining room and cafeteria attendants and bartender helpers .....	7.67	1.1	282	4.1	14,477	4.1
Fast food and counter workers .....	8.59	2.6	339	3.4	17,652	3.4
Combined food preparation and serving workers, including fast food .....	12.18	4.4	483	4.1	25,134	4.1
Counter attendants, cafeteria, food concession, and coffee shop .....	12.10	4.5	479	3.6	24,888	3.6
Food servers, nonrestaurant .....	12.38	10.7	495	10.7	25,752	10.7
Dishwashers .....	9.94	8.4	395	8.4	20,548	8.4
Hosts and hostesses, restaurant, lounge, and coffee shop .....	10.83	6.4	428	6.6	22,241	6.6
12.80	16.5	512	16.5	26,627	16.5	
<b>Building and grounds cleaning and maintenance occupations .....</b>						
First-line supervisors/managers, building and grounds cleaning and maintenance workers .....	12.37	4.7	490	5.2	25,457	5.2
First-line supervisors/managers of housekeeping and janitorial workers .....	18.61	12.2	771	8.6	40,092	8.6
Building cleaning workers .....	18.61	12.2	771	8.6	40,093	8.6
Janitors and cleaners, except maids and housekeeping cleaners .....	12.22	6.2	485	6.4	25,155	6.4
Maids and housekeeping cleaners .....	12.59	7.9	501	8.0	25,963	8.0
Grounds maintenance workers .....	11.19	5.7	440	5.7	22,894	5.7
Landscaping and groundskeeping workers .....	11.26	5.3	437	4.3	22,749	4.3
	11.13	4.8	433	4.3	22,497	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 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>Personal care and service occupations</b> .....	\$14.25	6.1%	\$495	5.2%	\$25,340	5.2%
First-line supervisors/managers of personal service workers .....	17.22	2.6	685	2.7	34,393	2.7
Gaming services workers .....	8.56	2.0	309	5.4	16,085	5.4
Miscellaneous entertainment attendants and related workers .....	9.61	6.2	384	6.2	19,939	6.2
Amusement and recreation attendants .....	9.14	7.3	366	7.3	18,961	7.3
Baggage porters, bellhops, and concierges ....	10.52	15.2	415	15.2	21,604	15.2
Baggage porters and bellhops .....	8.15	14.5	326	14.5	16,944	14.5
Concierges .....	11.83	19.5	464	19.3	24,127	19.3
Transportation attendants .....	27.29	12.0	635	7.9	32,807	7.9
Flight attendants .....	32.13	10.4	641	9.3	33,313	9.3
Recreation and fitness workers .....	12.04	19.9	456	22.4	23,701	22.4
<b>Sales and related occupations</b> .....	25.26	9.8	1,006	9.7	52,315	9.7
First-line supervisors/managers, sales workers .....	27.62	4.8	1,130	5.6	58,785	5.6
First-line supervisors/managers of retail sales workers .....	22.91	8.2	947	9.0	49,268	9.0
First-line supervisors/managers of non-retail sales workers .....	38.44	9.5	1,537	9.5	79,907	9.5
Retail sales workers .....	15.97	5.1	630	5.6	32,773	5.6
Cashiers, all workers .....	13.19	5.0	523	5.1	27,210	5.1
Cashiers .....	13.24	5.1	525	5.3	27,296	5.3
Counter and rental clerks and parts salespersons .....	16.50	8.4	660	8.4	34,321	8.4
Counter and rental clerks .....	15.14	12.7	606	12.7	31,488	12.7
Parts salespersons .....	19.50	5.3	780	5.3	40,552	5.3
Retail salespersons .....	17.26	5.6	679	6.6	35,291	6.6
Insurance sales agents .....	18.02	23.3	716	23.0	37,211	23.0
Securities, commodities, and financial services sales agents .....	81.74	33.7	3,269	33.7	169,963	33.7
Sales representatives, wholesale and manufacturing .....	32.71	10.0	1,337	11.5	69,542	11.5
Sales representatives, wholesale and manufacturing, technical and scientific products .....	43.58	.7	1,746	.6	90,794	.6
Sales representatives, wholesale and manufacturing, except technical and scientific products .....	26.72	16.9	1,105	19.5	57,469	19.5
Miscellaneous sales and related workers .....	17.98	5.8	709	6.0	36,867	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 <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</b> .....	\$18.29	0.8%	\$729	0.8%	\$37,905	0.8%
First-line supervisors/managers of office and administrative support workers .....	26.14	2.5	1,049	2.7	54,417	2.7
Switchboard operators, including answering service .....	12.54	8.6	501	8.6	26,058	8.6
Telephone operators .....	16.90	11.4	655	9.6	34,067	9.6
Financial clerks .....	17.06	1.3	682	1.3	35,469	1.3
Bill and account collectors .....	17.02	9.3	681	9.2	35,391	9.2
Billing and posting clerks and machine operators .....	16.54	7.3	661	7.3	34,357	7.3
Bookkeeping, accounting, and auditing clerks .....	17.92	3.5	717	3.5	37,259	3.5
Payroll and timekeeping clerks .....	16.71	4.0	668	4.0	34,751	4.0
Procurement clerks .....	14.57	11.3	583	11.3	30,298	11.3
Tellers .....	15.04	5.4	601	5.4	31,277	5.4
Brokerage clerks .....	20.21	5.1	809	5.1	42,045	5.1
Customer service representatives .....	18.47	5.8	737	5.9	38,327	5.9
Hotel, motel, and resort desk clerks .....	12.31	6.3	489	6.6	25,446	6.6
Interviewers, except eligibility and loan .....	16.90	10.6	672	10.7	34,945	10.7
Library assistants, clerical .....	16.35	3.0	653	3.0	33,808	3.0
Loan interviewers and clerks .....	16.37	6.5	655	6.5	34,054	6.5
Order clerks .....	15.46	8.1	618	8.1	32,159	8.1
Human resources assistants, except payroll and timekeeping .....	19.02	3.3	759	3.3	39,443	3.3
Receptionists and information clerks .....	15.54	5.8	621	5.8	32,268	5.8
Reservation and transportation ticket agents and travel clerks .....	17.51	7.4	700	7.4	36,415	7.4
Couriers and messengers .....	12.77	6.9	511	6.9	26,554	6.9
Dispatchers .....	18.79	15.1	751	15.1	39,077	15.1
Dispatchers, except police, fire, and ambulance .....	18.85	15.7	754	15.7	39,197	15.7
Meter readers, utilities .....	21.76	7.9	870	7.9	45,256	7.9
Production, planning, and expediting clerks .....	24.27	5.5	971	5.5	50,485	5.5
Shipping, receiving, and traffic clerks .....	14.58	3.6	583	3.6	30,333	3.6
Stock clerks and order fillers .....	14.81	4.8	589	5.1	30,622	5.1
Weighers, measurers, checkers, and samplers, recordkeeping .....	14.77	14.4	591	14.4	30,714	14.4
Secretaries and administrative assistants .....	23.03	2.8	913	2.6	47,455	2.6
Executive secretaries and administrative assistants .....	23.60	1.7	942	1.7	49,000	1.7
Legal secretaries .....	31.66	5.3	1,200	4.9	62,398	4.9
Medical secretaries .....	17.83	7.3	700	8.0	36,382	8.0

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 <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</b> –Continued						
Secretaries, except legal, medical, and executive .....	\$18.77	2.8%	\$751	2.8%	\$39,027	2.8%
Computer operators .....	19.14	7.9	764	7.8	39,704	7.8
Data entry and information processing workers .....	15.60	8.3	620	8.1	32,218	8.1
Data entry keyers .....	13.69	3.0	545	2.8	28,326	2.8
Word processors and typists .....	20.16	9.8	797	9.8	41,424	9.8
Insurance claims and policy processing clerks .....	15.88	3.9	630	3.9	32,739	3.9
Office clerks, general .....	16.58	1.6	659	1.5	34,264	1.5
<b>Farming, fishing, and forestry occupations</b> ..	11.79	32.6	470	32.5	17,345	32.5
Graders and sorters, agricultural products .....	10.06	7.1	394	7.9	15,535	7.9
<b>Construction and extraction occupations</b> .....	24.75	7.9	990	7.9	50,504	7.9
First-line supervisors/managers of construction trades and extraction workers .....	35.77	6.8	1,440	7.3	74,884	7.3
Carpenters .....	23.52	10.9	941	10.9	47,242	10.9
Construction laborers .....	21.24	14.1	846	14.1	42,528	14.1
Construction equipment operators .....	31.03	4.7	1,189	4.6	61,574	4.6
Operating engineers and other construction equipment operators .....	29.70	6.2	1,188	6.2	61,473	6.2
Drywall installers, ceiling tile installers, and tapers .....	24.84	7.1	993	7.1	49,643	7.1
Drywall and ceiling tile installers .....	24.74	7.6	990	7.6	49,257	7.6
Tapers .....	25.10	6.2	1,004	6.2	50,687	6.2
Electricians .....	26.88	11.5	1,075	11.5	55,855	11.5
Painters and paperhangers .....	14.28	13.2	571	13.2	29,695	13.2
Painters, construction and maintenance .....	14.28	13.2	571	13.2	29,695	13.2
Pipelayers, plumbers, pipefitters, and steamfitters .....	30.17	4.5	1,207	4.5	62,760	4.5
Plumbers, pipefitters, and steamfitters .....	30.29	5.1	1,212	5.1	63,009	5.1
Structural iron and steel workers .....	25.50	13.5	1,020	13.5	53,038	13.5
Construction and building inspectors .....	34.98	26.7	1,446	29.8	75,207	29.8
<b>Installation, maintenance, and repair occupations</b> .....	23.99	4.6	959	4.7	49,841	4.7
First-line supervisors/managers of mechanics, installers, and repairers .....	28.14	5.2	1,125	5.2	58,526	5.2

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 <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>Installation, maintenance, and repair occupations –Continued</b>						
Radio and telecommunications equipment installers and repairers .....	\$27.46	4.8%	\$1,098	4.8%	\$57,119	4.8%
Telecommunications equipment installers and repairers, except line installers .....	27.46	4.8	1,098	4.8	57,119	4.8
Miscellaneous electrical and electronic equipment mechanics, installers, and repairers .....	23.48	14.8	939	14.8	48,740	14.8
Electrical and electronics repairers, commercial and industrial equipment .....	26.80	14.3	1,072	14.3	55,481	14.3
Aircraft mechanics and service technicians ..	28.15	2.0	1,126	2.0	58,557	2.0
Automotive technicians and repairers .....	21.73	14.3	869	14.3	45,202	14.3
Automotive service technicians and mechanics .....	21.85	14.4	874	14.4	45,449	14.4
Bus and truck mechanics and diesel engine specialists .....	23.67	7.4	947	7.4	49,230	7.4
Heavy vehicle and mobile equipment service technicians and mechanics .....	25.26	4.6	1,011	4.6	52,548	4.6
Mobile heavy equipment mechanics, except engines .....	24.98	7.9	999	7.9	51,954	7.9
Rail car repairers .....	26.48	1.2	1,059	1.2	55,088	1.2
Heating, air conditioning, and refrigeration mechanics and installers .....	30.97	20.2	1,239	20.2	64,424	20.2
Industrial machinery installation, repair, and maintenance workers .....	23.30	8.3	929	8.6	48,284	8.6
Industrial machinery mechanics .....	24.41	8.0	974	8.1	50,634	8.1
Maintenance and repair workers, general ..	23.27	12.0	924	12.4	48,002	12.4
Maintenance workers, machinery .....	22.64	18.3	905	18.3	47,081	18.3
Line installers and repairers .....	28.69	1.4	1,148	1.4	59,672	1.4
Telecommunications line installers and repairers .....	27.81	2.1	1,113	2.1	57,855	2.1
Miscellaneous installation, maintenance, and repair workers .....	16.75	7.6	670	7.6	34,834	7.6
Helpers--installation, maintenance, and repair workers .....	11.67	5.6	467	5.6	24,265	5.6
<b>Production occupations .....</b>	<b>16.51</b>	<b>3.9</b>	<b>657</b>	<b>4.1</b>	<b>34,073</b>	<b>4.1</b>
First-line supervisors/managers of production and operating workers .....	25.87	4.9	1,036	4.7	53,870	4.7
Electrical, electronics, and electromechanical assemblers .....	14.28	5.1	571	5.1	29,696	5.1

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 <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>						
Electrical and electronic equipment assemblers .....	\$13.70	4.9%	\$548	4.9%	\$28,506	4.9%
Electromechanical equipment assemblers	17.35	18.9	694	18.9	36,097	18.9
Miscellaneous assemblers and fabricators .....	16.53	7.0	661	7.0	34,316	7.0
Team assemblers .....	11.62	12.5	465	12.5	24,164	12.5
Bakers .....	12.01	13.7	480	13.7	24,979	13.7
Butchers and other meat, poultry, and fish processing workers .....	18.57	8.1	743	8.1	38,621	8.1
Butchers and meat cutters .....	20.57	1.3	823	1.3	42,778	1.3
Miscellaneous food processing workers .....	11.87	9.5	474	9.5	24,658	9.5
Food batchmakers .....	11.83	10.6	472	10.6	24,520	10.6
Computer control programmers and operators .....	19.63	15.0	785	15.0	40,833	15.0
Computer-controlled machine tool operators, metal and plastic .....	17.86	13.6	714	13.6	37,151	13.6
Machine tool cutting setters, operators, and tenders, metal and plastic .....	12.62	6.0	500	5.0	26,006	5.0
Machinists .....	26.80	3.0	1,072	3.0	55,754	3.0
Molders and molding machine setters, operators, and tenders, metal and plastic	15.73	18.7	629	18.7	32,714	18.7
Multiple machine tool setters, operators, and tenders, metal and plastic .....	13.81	4.9	552	4.9	28,728	4.9
Welding, soldering, and brazing workers .....	18.11	9.0	725	9.0	37,676	9.0
Welders, cutters, solderers, and brazers ....	17.43	14.0	697	14.0	36,245	14.0
Welding, soldering, and brazing machine setters, operators, and tenders .....	21.38	1.6	855	1.6	44,471	1.6
Miscellaneous metalworkers and plastic workers .....	18.29	13.7	732	13.7	38,050	13.7
Printers .....	18.51	5.8	731	6.0	38,033	6.0
Job printers .....	19.43	12.0	756	13.0	39,319	13.0
Prepress technicians and workers .....	18.46	25.0	716	26.6	37,206	26.6
Printing machine operators .....	18.32	4.0	731	4.1	38,006	4.1
Laundry and dry-cleaning workers .....	10.58	6.2	416	6.8	21,619	6.8
Sewing machine operators .....	8.76	2.3	350	2.3	18,222	2.3
Miscellaneous textile, apparel, and furnishings workers .....	12.32	9.6	493	9.6	25,623	9.6
Woodworking machine setters, operators, and tenders .....	12.29	4.1	492	4.1	25,573	4.1
Sawing machine setters, operators, and tenders, wood .....	12.81	3.4	512	3.4	26,640	3.4
Stationary engineers and boiler operators .....	27.70	8.6	1,066	5.7	55,421	5.7
Miscellaneous plant and system operators ....	30.22	4.8	1,201	5.0	62,475	5.0

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 <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>						
Petroleum pump system operators, refinery operators, and gaugers .....	\$30.24	3.3%	\$1,198	3.7%	\$62,292	3.7%
Chemical processing machine setters, operators, and tenders .....	20.97	10.7	786	11.8	40,896	11.8
Separating, filtering, clarifying, precipitating, and still machine setters, operators, and tenders .....	24.79	9.3	967	9.1	50,301	9.1
Crushing, grinding, polishing, mixing, and blending workers .....	12.54	7.1	502	7.1	26,093	7.1
Cutting workers .....	12.46	3.9	506	5.0	24,510	5.0
Cutting and slicing machine setters, operators, and tenders .....	12.48	4.1	507	5.4	24,538	5.4
Extruding, forming, pressing, and compacting machine setters, operators, and tenders .....	16.03	19.2	641	19.2	33,349	19.2
Inspectors, testers, sorters, samplers, and weighers .....	16.25	5.7	637	6.6	32,946	6.6
Packaging and filling machine operators and tenders .....	13.27	12.2	528	11.7	27,295	11.7
Painting workers .....	15.41	24.7	616	24.7	32,045	24.7
Painters, transportation equipment .....	19.82	23.6	793	23.6	41,225	23.6
Semiconductor processors .....	15.23	13.0	608	13.0	31,628	13.0
Miscellaneous production workers .....	14.46	12.5	577	12.5	29,913	12.5
Helpers--production workers .....	10.22	3.6	409	3.6	21,266	3.6
<b>Transportation and material moving occupations .....</b>						
First-line supervisors/managers of helpers, laborers, and material movers, hand .....	18.69	2.5	738	2.6	38,092	2.6
First-line supervisors/managers of transportation and material-moving machine and vehicle operators .....	22.78	9.2	912	9.3	47,431	9.3
Aircraft pilots and flight engineers .....	28.90	10.9	1,154	10.9	60,017	10.9
Airline pilots, copilots, and flight engineers .....	118.49	9.9	2,402	8.9	124,899	8.9
Bus drivers .....	118.49	9.9	2,402	8.9	124,899	8.9
Bus drivers, transit and intercity .....	15.32	7.2	613	7.2	30,775	7.2
Driver/sales workers and truck drivers .....	15.31	7.6	612	7.6	31,294	7.6
Truck drivers, heavy and tractor-trailer .....	21.47	1.8	868	2.5	45,129	2.5
Truck drivers, light or delivery services .....	21.33	2.7	866	3.4	44,988	3.4
Taxi drivers and chauffeurs .....	21.92	2.9	877	2.9	45,598	2.9
Locomotive engineers and operators .....	11.56	12.4	462	12.4	24,031	12.4
	38.32	2.6	1,533	2.6	79,698	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 <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>						
Locomotive engineers .....	\$38.32	2.6%	\$1,533	2.6%	\$79,698	2.6%
Railroad brake, signal, and switch operators	30.06	4.1	1,202	4.1	62,529	4.1
Crane and tower operators .....	32.90	5.1	1,308	5.5	68,004	5.5
Dredge, excavating, and loading machine operators .....	25.75	3.8	1,030	3.8	53,558	3.8
Industrial truck and tractor operators .....	15.19	3.5	605	3.5	31,480	3.5
Laborers and material movers, hand .....	12.40	2.8	493	2.7	25,289	2.7
Cleaners of vehicles and equipment .....	10.87	3.8	436	3.7	22,269	3.7
Laborers and freight, stock, and material movers, hand .....	14.30	2.2	570	2.3	29,382	2.3
Packers and packagers, hand .....	9.52	7.0	375	7.6	19,037	7.6

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

<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, weighed 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 appendix A.

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

<sup>5</sup> 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.