

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> .....	\$21.95	0.9%	\$872	0.9%	\$45,091	0.9%
<b>Management occupations</b> .....	45.86	3.7	1,853	3.9	96,367	3.9
General and operations managers .....	58.60	23.0	2,372	22.1	123,353	22.1
Marketing and sales managers .....	45.45	6.6	1,843	7.0	95,847	7.0
Marketing managers .....	45.29	8.2	1,806	8.7	93,907	8.7
Sales managers .....	45.64	9.7	1,887	10.0	98,119	10.0
Public relations managers .....	37.18	12.5	1,480	12.6	76,935	12.6
Administrative services managers .....	37.71	11.5	1,549	12.7	80,568	12.7
Computer and information systems managers .....	49.35	6.1	1,975	5.8	102,720	5.8
Financial managers .....	39.75	3.4	1,600	3.4	83,204	3.4
Human resources managers .....	40.46	9.5	1,642	8.4	85,366	8.4
Training and development managers .....	35.39	25.8	1,528	20.3	79,469	20.3
Industrial production managers .....	44.82	5.1	1,840	4.6	95,674	4.6
Purchasing managers .....	58.24	10.5	2,328	10.6	121,032	10.6
Transportation, storage, and distribution managers .....	40.77	7.5	1,704	5.8	88,605	5.8
Construction managers .....	31.05	10.8	1,259	10.9	65,478	10.9
Education administrators .....	33.35	7.8	1,392	10.7	72,158	10.7
Education administrators, postsecondary ..	32.46	13.2	1,348	17.9	70,100	17.9
Engineering managers .....	53.22	7.2	2,131	7.2	110,815	7.2
Medical and health services managers .....	38.49	4.7	1,546	4.6	80,388	4.6
Social and community service managers .....	26.98	4.2	1,075	4.0	55,885	4.0
<b>Business and financial operations occupations</b> .....	30.60	1.9	1,220	2.0	63,442	2.0
Buyers and purchasing agents .....	30.22	5.0	1,228	4.9	63,878	4.9
Wholesale and retail buyers, except farm products .....	34.80	12.1	1,392	12.1	72,388	12.1
Purchasing agents, except wholesale, retail, and farm products .....	28.64	4.4	1,173	4.2	60,977	4.2
Claims adjusters, appraisers, examiners, and investigators .....	23.56	7.8	927	7.6	48,203	7.6
Claims adjusters, examiners, and investigators .....	23.56	7.8	927	7.6	48,203	7.6
Cost estimators .....	42.31	13.0	1,784	14.8	92,793	14.8
Human resources, training, and labor relations specialists .....	30.70	7.4	1,220	7.5	63,436	7.5
Employment, recruitment, and placement specialists .....	29.45	8.6	1,178	8.6	61,258	8.6
Compensation, benefits, and job analysis specialists .....	30.56	8.0	1,197	7.7	62,268	7.7
Training and development specialists .....	26.00	7.5	1,034	7.2	53,780	7.2

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>Business and financial operations occupations –Continued</b>						
Logisticians .....	\$28.49	7.1%	\$1,140	7.1%	\$59,263	7.1%
Management analysts .....	37.64	8.5	1,505	8.5	78,281	8.5
Accountants and auditors .....	28.39	2.1	1,133	2.1	58,900	2.1
Credit analysts .....	22.60	14.7	904	14.7	47,009	14.7
Financial analysts and advisors .....	31.46	6.5	1,253	6.8	65,177	6.8
Financial analysts .....	34.00	8.0	1,363	8.1	70,868	8.1
Insurance underwriters .....	27.03	8.2	1,064	9.5	55,336	9.5
Loan counselors and officers .....	27.70	8.4	1,108	8.4	57,620	8.4
Loan officers .....	27.70	8.4	1,108	8.4	57,620	8.4
<b>Computer and mathematical science occupations</b>						
.....	33.60	2.3	1,349	2.3	70,130	2.3
Computer programmers .....	31.23	2.6	1,255	2.7	65,250	2.7
Computer software engineers .....	38.26	4.7	1,553	4.4	80,745	4.4
Computer software engineers, applications .....	35.71	5.8	1,486	6.4	77,288	6.4
Computer software engineers, systems software .....	39.81	6.1	1,592	5.6	82,760	5.6
Computer support specialists .....	22.87	5.3	912	5.3	47,419	5.3
Computer systems analysts .....	36.57	2.5	1,459	2.5	75,869	2.5
Database administrators .....	30.08	7.4	1,181	8.5	61,432	8.5
Network and computer systems administrators .....	34.14	3.2	1,388	3.7	72,154	3.7
Network systems and data communications analysts .....	29.42	6.6	1,167	7.4	60,706	7.4
Operations research analysts .....	30.56	6.7	1,188	6.8	61,755	6.8
<b>Architecture and engineering occupations</b>						
.....	33.78	1.9	1,371	1.7	71,288	1.7
Engineers .....	36.82	2.1	1,502	2.0	78,082	2.0
Electrical and electronics engineers .....	39.21	9.0	1,628	6.6	84,673	6.6
Electrical engineers .....	34.97	14.0	1,494	10.5	77,704	10.5
Electronics engineers, except computer .....	44.99	4.5	1,800	4.5	93,578	4.5
Industrial engineers, including health and safety .....	33.20	5.2	1,362	3.9	70,838	3.9
Industrial engineers .....	33.22	5.3	1,364	3.8	70,908	3.8
Materials engineers .....	33.76	8.4	1,350	8.4	70,216	8.4
Mechanical engineers .....	33.89	2.2	1,402	3.3	72,926	3.3
Drafters .....	24.97	9.3	999	9.3	51,933	9.3
Electrical and electronics drafters .....	22.95	6.6	918	6.6	47,742	6.6
Mechanical drafters .....	26.72	10.7	1,069	10.7	55,583	10.7
Engineering technicians, except drafters .....	26.26	4.1	1,053	4.1	54,709	4.1

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>Architecture and engineering occupations</b>						
–Continued						
Electrical and electronic engineering technicians .....	\$23.10	5.4%	\$924	5.4%	\$47,968	5.4%
Electro-mechanical technicians .....	26.58	10.5	1,063	10.5	55,281	10.5
Industrial engineering technicians .....	24.97	5.3	1,015	7.1	52,778	7.1
Mechanical engineering technicians .....	22.62	9.8	905	9.8	47,060	9.8
<b>Life, physical, and social science occupations</b>	31.06	8.0	1,228	7.9	63,225	7.9
Life scientists .....	33.01	14.6	1,293	15.5	67,234	15.5
Medical scientists .....	34.31	22.6	1,321	24.0	68,695	24.0
Physical scientists .....	41.17	5.5	1,658	5.1	82,947	5.1
Chemists and materials scientists .....	42.11	8.2	1,699	7.8	88,370	7.8
Chemists .....	41.84	8.4	1,691	7.9	87,934	7.9
Market and survey researchers .....	26.22	9.6	1,058	9.8	54,991	9.8
Market research analysts .....	26.22	9.6	1,058	9.8	54,991	9.8
Biological technicians .....	18.78	6.5	738	6.1	38,388	6.1
Chemical technicians .....	22.01	14.7	880	14.7	45,785	14.7
Miscellaneous life, physical, and social science technicians .....	21.06	7.8	842	7.8	43,810	7.8
<b>Community and social services occupations</b>	17.31	7.6	686	7.5	35,640	7.5
Counselors .....	18.84	7.6	744	7.2	38,512	7.2
Educational, vocational, and school counselors .....	17.59	11.6	689	10.7	35,463	10.7
Social workers .....	18.17	4.1	720	4.7	37,433	4.7
Child, family, and school social workers ..	16.26	4.8	638	5.6	33,156	5.6
Medical and public health social workers	22.09	5.4	879	5.8	45,703	5.8
Mental health and substance abuse social workers .....	18.45	11.2	737	11.2	38,336	11.2
Miscellaneous community and social service specialists .....	14.76	13.5	588	13.2	30,588	13.2
Social and human service assistants .....	12.43	7.5	495	7.4	25,716	7.4
<b>Legal occupations</b> .....	66.65	6.2	2,717	6.1	141,294	6.1
Lawyers .....	72.63	5.2	3,042	4.3	158,206	4.3
<b>Education, training, and library occupations</b>	36.96	11.7	1,453	12.3	64,038	12.3
Postsecondary teachers .....	50.38	9.1	2,075	9.8	86,803	9.8
Math and computer teachers, postsecondary .....	45.35	12.7	1,785	14.1	75,627	14.1
Social sciences teachers, postsecondary ....	37.81	7.4	1,512	7.3	59,849	7.3
Health teachers, postsecondary .....	69.04	5.8	3,430	7.6	162,434	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 <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						
Education and library science teachers, postsecondary .....	\$38.23	4.8%	\$1,479	3.7%	\$54,472	3.7%
Education teachers, postsecondary .....	38.23	4.8	1,479	3.7	54,472	3.7
Arts, communications, and humanities teachers, postsecondary .....	36.70	4.0	1,476	3.6	59,158	3.6
Art, drama, and music teachers, postsecondary .....	37.23	4.3	1,470	4.4	60,415	4.4
English language and literature teachers, postsecondary .....	33.94	3.5	1,417	4.5	54,042	4.5
Philosophy and religion teachers, postsecondary .....	35.51	13.7	1,425	13.6	58,334	13.6
Miscellaneous postsecondary teachers .....	46.86	27.9	1,855	28.4	82,662	28.4
Primary, secondary, and special education school teachers .....	28.14	4.9	1,067	4.9	40,206	4.9
Elementary and middle school teachers ....	29.50	7.8	1,131	9.3	42,105	9.3
Elementary school teachers, except special education .....	29.42	7.4	1,120	10.1	41,699	10.1
Middle school teachers, except special and vocational education .....	29.75	12.9	1,166	12.2	43,339	12.2
Secondary school teachers .....	30.82	4.4	1,156	4.5	43,365	4.5
Secondary school teachers, except special and vocational education ....	30.82	4.4	1,156	4.5	43,365	4.5
Other teachers and instructors .....	33.87	8.9	1,263	6.2	63,077	6.2
Librarians .....	46.34	10.9	1,691	9.9	87,916	9.9
Teacher assistants .....	10.49	6.0	413	7.0	19,776	7.0
<b>Arts, design, entertainment, sports, and media occupations</b> .....	26.76	4.1	1,055	4.3	53,910	4.3
Designers .....	28.48	8.7	1,142	8.4	59,360	8.4
Commercial and industrial designers .....	38.77	5.1	1,551	5.1	80,647	5.1
Graphic designers .....	21.10	8.8	848	8.3	44,083	8.3
Athletes, coaches, umpires, and related workers .....	22.53	15.9	868	18.8	37,670	18.8
Coaches and scouts .....	22.53	15.9	868	18.8	37,670	18.8
News analysts, reporters and correspondents	28.63	16.4	1,166	16.6	60,641	16.6
Reporters and correspondents .....	25.66	9.4	1,047	9.9	54,423	9.9
Public relations specialists .....	25.90	10.4	1,019	10.0	52,980	10.0
Writers and editors .....	26.36	9.1	1,038	8.2	53,988	8.2
Editors .....	26.67	11.4	1,040	9.7	54,074	9.7

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 <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</b> .....	\$26.93	2.3%	\$1,058	2.5%	\$55,005	2.5%
Pharmacists .....	48.32	1.2	1,933	1.2	100,513	1.2
Physicians and surgeons .....	68.62	12.5	2,778	12.3	144,434	12.3
Family and general practitioners .....	60.61	39.0	2,429	38.9	126,302	38.9
Registered nurses .....	28.78	1.2	1,116	1.3	58,037	1.3
Therapists .....	28.94	6.8	1,139	7.2	59,241	7.2
Occupational therapists .....	27.81	3.0	1,076	4.6	55,926	4.6
Physical therapists .....	34.74	5.6	1,380	5.7	71,754	5.7
Recreational therapists .....	18.84	10.8	753	10.8	39,177	10.8
Respiratory therapists .....	22.48	2.5	874	3.6	45,425	3.6
Clinical laboratory technologists and technicians .....	19.08	4.2	761	4.2	39,574	4.2
Medical and clinical laboratory technologists .....	25.32	2.9	1,004	3.4	52,198	3.4
Medical and clinical laboratory technicians .....	16.43	6.4	657	6.4	34,177	6.4
Diagnostic related technologists and technicians .....	29.49	5.1	1,171	5.3	60,891	5.3
Cardiovascular technologists and technicians .....	39.40	16.4	1,573	16.5	81,796	16.5
Diagnostic medical sonographers .....	31.60	11.8	1,264	11.8	65,722	11.8
Radiologic technologists and technicians ..	25.97	5.8	1,028	6.1	53,465	6.1
Health diagnosing and treating practitioner support technicians .....	16.39	4.1	655	4.1	34,078	4.1
Pharmacy technicians .....	14.00	2.5	560	2.5	29,118	2.5
Respiratory therapy technicians .....	24.04	10.2	955	10.3	49,675	10.3
Surgical technologists .....	17.68	4.0	707	4.0	36,763	4.0
Licensed practical and licensed vocational nurses .....	19.06	1.7	735	1.5	38,220	1.5
Medical records and health information technicians .....	16.02	5.1	639	5.1	33,236	5.1
Miscellaneous health technologists and technicians .....	18.27	9.8	727	10.0	37,796	10.0
<b>Healthcare support occupations</b> .....	11.70	1.5	458	1.4	23,817	1.4
Nursing, psychiatric, and home health aides	11.25	1.4	438	1.2	22,778	1.2
Home health aides .....	10.36	2.1	413	2.0	21,489	2.0
Nursing aides, orderlies, and attendants ....	11.50	1.9	445	1.7	23,131	1.7
Psychiatric aides .....	10.71	1.1	422	1.6	21,942	1.6
Physical therapist assistants and aides .....	13.08	10.5	523	10.5	27,184	10.5
Physical therapist aides .....	11.92	7.9	476	7.9	24,769	7.9

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 <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 support occupations –Continued</b>						
Miscellaneous healthcare support occupations .....	\$13.25	4.3%	\$527	4.3%	\$27,414	4.3%
Medical assistants .....	14.34	7.5	569	7.6	29,585	7.6
Medical equipment preparers .....	13.26	4.6	530	4.6	27,578	4.6
Medical transcriptionists .....	16.35	2.9	649	3.2	33,749	3.2
<b>Protective service occupations</b> .....	11.56	4.3	459	4.9	23,849	4.9
Security guards and gaming surveillance officers .....	11.24	4.2	444	4.4	23,092	4.4
Security guards .....	11.23	4.3	444	4.4	23,085	4.4
<b>Food preparation and serving related occupations</b> .....						
First-line supervisors/managers, food preparation and serving workers .....	16.97	4.2	683	4.3	34,704	4.3
First-line supervisors/managers of food preparation and serving workers .....	16.78	5.1	676	5.2	34,519	5.2
Cooks .....	11.52	3.6	447	3.4	23,247	3.4
Cooks, institution and cafeteria .....	12.34	6.1	488	6.4	25,387	6.4
Cooks, restaurant .....	11.19	4.1	432	4.3	22,453	4.3
Food preparation workers .....	10.58	5.2	421	5.2	21,906	5.2
Food service, tipped .....	6.56	11.8	239	12.1	12,429	12.1
Bartenders .....	7.24	6.9	268	6.7	13,951	6.7
Waiters and waitresses .....	4.44	20.2	155	22.1	8,078	22.1
Dining room and cafeteria attendants and bartender helpers .....	8.85	6.9	336	5.3	17,491	5.3
Fast food and counter workers .....	9.79	2.6	375	2.6	19,495	2.6
Combined food preparation and serving workers, including fast food .....	9.54	3.3	362	2.8	18,816	2.8
Counter attendants, cafeteria, food concession, and coffee shop .....	10.44	3.8	409	4.8	21,247	4.8
Food servers, nonrestaurant .....	10.36	3.9	398	6.5	20,690	6.5
Dishwashers .....	10.00	4.4	394	5.6	20,502	5.6
<b>Building and grounds cleaning and maintenance occupations</b> .....						
First-line supervisors/managers, building and grounds cleaning and maintenance workers .....	17.10	7.0	684	7.0	35,569	7.0
First-line supervisors/managers of housekeeping and janitorial workers ...	17.10	7.0	684	7.0	35,569	7.0
Building cleaning workers .....	11.83	5.2	469	5.4	24,361	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 <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>Building and grounds cleaning and maintenance occupations –Continued</b>						
Janitors and cleaners, except maids and housekeeping cleaners .....	\$12.02	3.7%	\$476	4.0%	\$24,750	4.0%
Maids and housekeeping cleaners .....	10.61	2.2	421	2.3	21,832	2.3
Grounds maintenance workers .....	12.36	5.4	494	5.4	22,950	5.4
Landscaping and groundskeeping workers .....	12.36	5.4	494	5.4	22,950	5.4
<b>Personal care and service occupations .....</b>						
Gaming services workers .....	7.61	12.2	305	12.2	15,835	12.2
Transportation attendants .....	31.32	4.8	594	.8	30,903	.8
Flight attendants .....	33.41	1.2	592	1.1	30,761	1.1
Child care workers .....	10.41	2.4	417	2.4	21,660	2.4
Recreation and fitness workers .....	13.36	15.4	522	16.9	18,859	16.9
Recreation workers .....	13.36	15.4	522	16.9	18,859	16.9
<b>Sales and related occupations .....</b>						
First-line supervisors/managers, sales workers .....	24.32	17.4	981	18.7	50,992	18.7
First-line supervisors/managers of retail sales workers .....	17.87	8.9	711	9.2	36,981	9.2
First-line supervisors/managers of non-retail sales workers .....	35.68	5.6	1,472	6.5	76,565	6.5
Retail sales workers .....	12.14	3.2	480	3.3	24,971	3.3
Counter and rental clerks and parts salespersons .....	15.97	8.8	673	8.6	34,975	8.6
Parts salespersons .....	13.86	5.8	600	9.3	31,220	9.3
Retail salespersons .....	12.30	5.2	484	5.3	25,142	5.3
Advertising sales agents .....	23.06	7.2	923	7.2	47,972	7.2
Securities, commodities, and financial services sales agents .....	81.57	6.1	3,263	6.1	169,656	6.1
Sales representatives, wholesale and manufacturing .....	34.90	9.5	1,438	9.8	74,783	9.8
Sales representatives, wholesale and manufacturing, technical and scientific products .....	39.40	4.1	1,614	3.5	83,911	3.5
Sales representatives, wholesale and manufacturing, except technical and scientific products .....	33.23	13.6	1,372	13.7	71,359	13.7
Miscellaneous sales and related workers .....	18.89	12.6	753	12.7	39,133	12.7
<b>Office and administrative support occupations .....</b>						
	15.82	2.1	626	2.0	32,534	2.0

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 –Continued</b>						
First-line supervisors/managers of office and administrative support workers .....	\$22.85	3.1%	\$905	2.9%	\$47,066	2.9%
Switchboard operators, including answering service .....	12.48	10.8	499	10.8	25,958	10.8
Financial clerks .....	15.35	4.0	608	3.7	31,592	3.7
Bill and account collectors .....	15.90	5.7	632	5.5	32,857	5.5
Billing and posting clerks and machine operators .....	15.49	5.2	609	4.5	31,646	4.5
Bookkeeping, accounting, and auditing clerks .....	15.53	4.9	613	4.3	31,852	4.3
Payroll and timekeeping clerks .....	18.81	3.2	750	3.1	38,993	3.1
Procurement clerks .....	16.57	5.9	660	5.8	34,343	5.8
Tellers .....	11.55	2.9	462	2.8	23,999	2.8
Credit authorizers, checkers, and clerks .....	13.65	4.2	546	4.5	28,385	4.5
Customer service representatives .....	15.98	4.7	636	5.0	33,064	5.0
File clerks .....	12.54	5.1	498	5.4	25,876	5.4
Hotel, motel, and resort desk clerks .....	10.57	6.8	419	7.2	21,783	7.2
Interviewers, except eligibility and loan .....	13.06	9.1	522	9.1	27,169	9.1
Order clerks .....	13.38	5.6	532	5.4	27,682	5.4
Human resources assistants, except payroll and timekeeping .....	17.69	9.9	715	9.2	37,205	9.2
Receptionists and information clerks .....	12.87	2.1	506	1.9	26,297	1.9
Dispatchers .....	22.05	3.0	882	3.0	45,667	3.0
Dispatchers, except police, fire, and ambulance .....	23.36	2.4	935	2.4	48,597	2.4
Production, planning, and expediting clerks	19.55	6.7	775	7.0	40,295	7.0
Shipping, receiving, and traffic clerks .....	14.27	3.6	570	3.6	29,639	3.6
Stock clerks and order fillers .....	13.11	5.9	521	5.8	27,106	5.8
Weighers, measurers, checkers, and samplers, recordkeeping .....	15.67	4.9	627	4.9	32,598	4.9
Secretaries and administrative assistants .....	19.10	3.5	748	3.7	38,861	3.7
Executive secretaries and administrative assistants .....	20.53	4.8	803	5.2	41,769	5.2
Legal secretaries .....	27.62	5.1	1,032	3.7	53,673	3.7
Medical secretaries .....	14.39	4.9	569	5.0	29,590	5.0
Secretaries, except legal, medical, and executive .....	16.53	3.4	655	3.4	34,029	3.4
Computer operators .....	17.27	7.1	682	6.6	35,470	6.6
Data entry and information processing workers .....	14.45	6.9	576	6.8	29,948	6.8
Data entry keyers .....	13.64	6.7	545	6.7	28,323	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 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>						
Word processors and typists .....	\$18.36	6.7%	\$724	5.7%	\$37,670	5.7%
Insurance claims and policy processing clerks .....	16.02	4.3	626	4.0	32,533	4.0
Mail clerks and mail machine operators, except postal service .....	13.24	9.7	509	9.1	26,446	9.1
Office clerks, general .....	13.96	3.0	553	3.0	28,718	3.0
Office machine operators, except computer ..	13.14	8.4	525	8.4	27,323	8.4
<b>Farming, fishing, and forestry occupations ..</b>	11.94	4.7	478	4.7	24,833	4.7
<b>Construction and extraction occupations .....</b>	26.34	2.8	1,035	2.7	51,014	2.7
First-line supervisors/managers of construction trades and extraction workers .....	34.89	3.5	1,401	3.4	72,871	3.4
Carpenters .....	27.20	4.3	979	7.1	50,932	7.1
Construction laborers .....	20.85	15.3	834	15.3	39,555	15.3
Construction equipment operators .....	30.06	6.0	1,202	6.0	59,097	6.0
Operating engineers and other construction equipment operators .....	30.06	6.0	1,202	6.0	59,097	6.0
Electricians .....	26.24	4.4	1,050	4.4	54,588	4.4
Painters and paperhangers .....	22.34	8.1	890	8.0	46,291	8.0
Painters, construction and maintenance ....	22.34	8.1	890	8.0	46,291	8.0
Pipelayers, plumbers, pipefitters, and steamfitters .....	24.13	4.7	965	4.7	50,200	4.7
Plumbers, pipefitters, and steamfitters .....	24.45	5.9	978	5.9	50,864	5.9
Sheet metal workers .....	22.32	7.0	893	7.0	37,587	7.0
<b>Installation, maintenance, and repair occupations .....</b>	23.38	3.2	937	3.1	48,689	3.1
First-line supervisors/managers of mechanics, installers, and repairers .....	32.91	4.8	1,325	4.6	68,889	4.6
Radio and telecommunications equipment installers and repairers .....	25.95	10.7	1,038	10.7	53,978	10.7
Telecommunications equipment installers and repairers, except line installers .....	25.95	10.7	1,038	10.7	53,978	10.7
Miscellaneous electrical and electronic equipment mechanics, installers, and repairers .....	20.67	13.8	827	13.8	42,993	13.8
Electrical and electronics repairers, commercial and industrial equipment	24.05	5.2	962	5.2	50,029	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>						
Electrical and electronics repairers, powerhouse, substation, and relay .....	\$23.91	11.4%	\$956	11.4%	\$49,726	11.4%
Aircraft mechanics and service technicians ..	26.81	12.1	1,072	12.1	55,755	12.1
Automotive technicians and repairers .....	23.82	14.7	990	13.7	51,499	13.7
Automotive service technicians and mechanics .....	24.94	15.2	1,017	14.8	52,908	14.8
Bus and truck mechanics and diesel engine specialists .....	24.17	7.2	967	7.2	50,261	7.2
Heavy vehicle and mobile equipment service technicians and mechanics .....	23.86	10.5	954	10.5	49,634	10.5
Mobile heavy equipment mechanics, except engines .....	24.05	11.9	962	11.9	50,015	11.9
Miscellaneous vehicle and mobile equipment mechanic, installers, and repairers .....	12.00	13.5	480	13.5	24,954	13.5
Heating, air conditioning, and refrigeration mechanics and installers .....	25.18	3.6	1,007	3.6	52,383	3.6
Industrial machinery installation, repair, and maintenance workers .....	22.67	2.9	905	2.8	47,044	2.8
Industrial machinery mechanics .....	24.51	2.6	980	2.6	50,922	2.6
Maintenance and repair workers, general ..	19.34	9.5	774	9.5	40,234	9.5
Maintenance workers, machinery .....	18.01	8.0	708	7.8	36,819	7.8
Millwrights .....	24.56	12.3	982	12.3	50,957	12.3
Line installers and repairers .....	29.75	4.1	1,190	4.1	61,874	4.1
Electrical power-line installers and repairers .....	31.05	3.7	1,242	3.7	64,584	3.7
Precision instrument and equipment repairers .....	23.50	4.7	920	4.0	47,841	4.0
Miscellaneous installation, maintenance, and repair workers .....	18.31	9.3	732	9.3	38,075	9.3
Helpers--installation, maintenance, and repair workers .....	12.58	15.5	503	15.5	26,164	15.5
<b>Production occupations .....</b>	17.87	1.4	714	1.4	37,091	1.4
First-line supervisors/managers of production and operating workers .....	26.13	3.4	1,088	3.0	56,583	3.0
Electrical, electronics, and electromechanical assemblers .....	13.43	6.4	537	6.4	27,939	6.4
Electrical and electronic equipment assemblers .....	13.58	6.0	543	6.0	28,234	6.0
Electromechanical equipment assemblers	13.68	11.8	547	11.8	28,445	11.8
Engine and other machine assemblers .....	20.11	6.2	801	6.2	41,639	6.2

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>Production occupations –Continued</b>						
Structural metal fabricators and fitters .....	\$19.06	20.9%	\$747	19.7%	\$37,786	19.7%
Miscellaneous assemblers and fabricators .....	19.71	4.3	786	4.3	40,837	4.3
Team assemblers .....	20.23	13.9	804	14.1	41,657	14.1
Bakers .....	13.43	2.8	528	3.1	27,478	3.1
Butchers and other meat, poultry, and fish processing workers .....	13.28	6.8	531	6.8	27,614	6.8
Butchers and meat cutters .....	17.74	3.1	710	3.1	36,900	3.1
Meat, poultry, and fish cutters and trimmers .....	11.30	.8	452	.8	23,502	.8
Slaughterers and meat packers .....	11.29	5.4	452	5.4	23,492	5.4
Miscellaneous food processing workers .....	14.58	11.6	582	11.5	30,287	11.5
Food batchmakers .....	17.06	10.5	681	10.5	35,395	10.5
Computer control programmers and operators .....	18.65	8.4	746	8.4	38,794	8.4
Computer-controlled machine tool operators, metal and plastic .....	17.41	6.1	696	6.1	36,203	6.1
Numerical tool and process control programmers .....	26.02	13.9	1,041	13.9	54,126	13.9
Forming machine setters, operators, and tenders, metal and plastic .....	15.24	4.9	604	4.3	31,284	4.3
Extruding and drawing machine setters, operators, and tenders, metal and plastic .....	12.91	5.8	516	5.8	26,853	5.8
Forging machine setters, operators, and tenders, metal and plastic .....	14.07	11.3	563	11.3	28,840	11.3
Rolling machine setters, operators, and tenders, metal and plastic .....	17.51	7.8	686	6.7	35,675	6.7
Machine tool cutting setters, operators, and tenders, metal and plastic .....	16.52	4.7	660	4.7	34,304	4.7
Cutting, punching, and press machine setters, operators, and tenders, metal and plastic .....	16.39	5.6	655	5.6	34,013	5.6
Drilling and boring machine tool setters, operators, and tenders, metal and plastic .....	17.93	15.9	717	15.9	37,297	15.9
Grinding, lapping, polishing, and buffing machine tool setters, operators, and tenders, metal and plastic .....	14.43	8.3	577	8.3	29,988	8.3
Lathe and turning machine tool setters, operators, and tenders, metal and plastic .....	19.54	5.8	782	5.8	40,652	5.8

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 <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>						
Milling and planing machine setters, operators, and tenders, metal and plastic .....	\$19.76	10.3%	\$790	10.3%	\$40,967	10.3%
Machinists .....	20.24	4.7	805	4.6	41,846	4.6
Metal furnace and kiln operators and tenders	18.76	6.8	750	6.8	38,477	6.8
Metal-refining furnace operators and tenders .....	19.76	5.1	790	5.1	41,094	5.1
Model makers and patternmakers, metal and plastic .....	23.20	11.7	928	11.7	48,259	11.7
Model makers, metal and plastic .....	24.21	12.4	969	12.4	50,362	12.4
Molders and molding machine setters, operators, and tenders, metal and plastic	13.91	5.9	555	5.7	28,883	5.7
Foundry mold and coremakers .....	14.89	4.2	595	4.2	30,964	4.2
Molding, coremaking, and casting machine setters, operators, and tenders, metal and plastic .....	13.82	6.1	552	6.0	28,691	6.0
Multiple machine tool setters, operators, and tenders, metal and plastic .....	18.81	4.3	753	4.3	39,108	4.3
Tool and die makers .....	26.80	2.6	1,072	2.6	55,733	2.6
Welding, soldering, and brazing workers .....	17.72	5.3	705	5.3	36,582	5.3
Welders, cutters, solderers, and brazers .....	17.77	5.9	708	6.0	36,711	6.0
Welding, soldering, and brazing machine setters, operators, and tenders .....	17.56	12.7	698	12.9	36,213	12.9
Miscellaneous metalworkers and plastic workers .....	17.43	7.1	693	7.1	35,940	7.1
Heat treating equipment setters, operators, and tenders, metal and plastic .....	20.63	9.3	825	9.3	42,171	9.3
Plating and coating machine setters, operators, and tenders, metal and plastic .....	13.32	7.3	520	5.7	27,058	5.7
Tool grinders, filers, and sharpeners .....	21.24	12.1	849	12.1	44,174	12.1
Printers .....	18.95	4.6	740	4.2	38,502	4.2
Prepress technicians and workers .....	16.10	7.0	624	5.6	32,436	5.6
Printing machine operators .....	19.90	5.8	781	5.6	40,586	5.6
Laundry and dry-cleaning workers .....	10.08	2.9	400	2.9	20,812	2.9
Sewing machine operators .....	14.58	16.0	582	16.0	30,038	16.0
Woodworking machine setters, operators, and tenders .....	13.49	2.9	540	2.9	28,027	2.9
Sawing machine setters, operators, and tenders, wood .....	12.47	6.4	499	6.4	25,803	6.4
Woodworking machine setters, operators, and tenders, except sawing .....	13.76	2.9	551	2.9	28,629	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 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>						
Power plant operators, distributors, and dispatchers .....	\$31.82	7.8%	\$1,273	7.8%	\$66,192	7.8%
Power plant operators .....	27.63	6.5	1,105	6.5	57,475	6.5
Stationary engineers and boiler operators .....	25.94	9.9	1,038	9.9	53,955	9.9
Miscellaneous plant and system operators .....	25.33	3.7	991	1.6	51,556	1.6
Chemical plant and system operators .....	25.27	3.8	988	1.6	51,369	1.6
Chemical processing machine setters, operators, and tenders .....	21.19	9.2	848	9.2	44,084	9.2
Crushing, grinding, polishing, mixing, and blending workers .....	16.24	6.2	650	6.2	33,768	6.2
Grinding and polishing workers, hand .....	13.39	4.8	536	4.8	27,847	4.8
Mixing and blending machine setters, operators, and tenders .....	18.64	10.1	745	10.1	38,765	10.1
Cutting workers .....	13.28	9.7	531	9.7	27,615	9.7
Cutters and trimmers, hand .....	10.07	8.4	403	8.4	20,952	8.4
Cutting and slicing machine setters, operators, and tenders .....	15.51	8.5	621	8.5	32,269	8.5
Extruding, forming, pressing, and compacting machine setters, operators, and tenders .....	16.25	6.7	650	6.7	33,790	6.7
Furnace, kiln, oven, drier, and kettle operators and tenders .....	16.48	23.0	659	23.0	34,280	23.0
Inspectors, testers, sorters, samplers, and weighers .....	17.37	5.9	693	5.8	36,007	5.8
Packaging and filling machine operators and tenders .....	15.18	3.6	606	3.6	31,535	3.6
Painting workers .....	14.43	4.7	574	4.8	29,839	4.8
Coating, painting, and spraying machine setters, operators, and tenders .....	13.44	3.0	534	3.3	27,772	3.3
Painters, transportation equipment .....	22.24	17.8	890	17.8	46,255	17.8
Miscellaneous production workers .....	15.92	9.7	635	9.7	33,027	9.7
Paper goods machine setters, operators, and tenders .....	16.52	27.4	661	27.4	34,359	27.4
Helpers--production workers .....	14.01	4.4	556	4.7	28,900	4.7
<b>Transportation and material moving occupations .....</b>	<b>17.50</b>	<b>2.3</b>	<b>695</b>	<b>2.4</b>	<b>35,943</b>	<b>2.4</b>
First-line supervisors/managers of helpers, laborers, and material movers, hand .....	23.05	4.1	932	4.1	48,444	4.1
First-line supervisors/managers of transportation and material-moving machine and vehicle operators .....	25.60	5.4	1,099	7.5	57,128	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 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</b> –Continued						
Aircraft pilots and flight engineers .....	\$105.02	12.1%	\$2,271	9.5%	\$118,112	9.5%
Airline pilots, copilots, and flight engineers .....	127.39	11.0	2,354	10.8	122,389	10.8
Driver/sales workers and truck drivers .....	20.69	3.2	849	4.1	44,164	4.1
Driver/sales workers .....	15.14	9.9	606	9.9	31,500	9.9
Truck drivers, heavy and tractor-trailer .....	21.22	7.6	889	9.3	46,215	9.3
Truck drivers, light or delivery services .....	21.06	5.1	842	5.1	43,803	5.1
Crane and tower operators .....	17.06	7.4	682	7.4	35,487	7.4
Industrial truck and tractor operators .....	16.40	6.3	652	6.3	33,658	6.3
Laborers and material movers, hand .....	13.22	4.8	525	4.7	27,083	4.7
Cleaners of vehicles and equipment .....	17.75	17.2	710	17.2	36,849	17.2
Laborers and freight, stock, and material movers, hand .....	14.46	3.7	574	3.7	29,432	3.7
Machine feeders and offbearers .....	11.90	8.7	475	8.6	24,487	8.6
Packers and packagers, hand .....	11.40	7.4	452	7.4	23,519	7.4

<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.