RSE Table 12 Full-time<sup>1</sup> private industry workers: Relative standard errors of mean hourly, weekly, and annual earnings

	Hourly ea	rnings <sup>3</sup>	Weekly earnings <sup>5</sup>		Annual earnings <sup>6</sup>	
Occupation <sup>2</sup>	Mean	Relative error <sup>4</sup>	Mean	Relative error <sup>4</sup>	Mean	Relative error <sup>4</sup>
All workers	\$18.92	5.2%	\$751	5.4%	\$38,776	5.4%
Management occupations	38.94	8.0	1,597	8.3	83,003	8.3
General and operations managers	46.79	7.7	1,945	6.5	101,129	6.5
Marketing and sales managers	60.80	9.2	2,486	10.4	129,297	10.4
Marketing managers	64.94	15.5	2,719	18.3	141,398	18.3
Sales managers	56.83	18.8	2,273	18.8	118,201	18.8
Computer and information systems	-1	44.0	2 000	10.5	405.005	12.5
managers	51.57	11.0	2,089	12.7	107,995	12.7
Financial managers	36.20	4.7	1,471	4.4	76,476	4.4
Human resources managers	35.67	7.7	1,485	7.3	77,232	7.3
Industrial production managers	43.87	8.1	1,816	8.3	94,457	8.3
Construction managers	26.16	13.7	1,073	13.9	55,815	13.9
Engineering managers	59.09	8.8	2,455	7.8	127,635	7.8
Food service managers	24.02	7.3	972	6.9	50,042	6.9
Medical and health services managers	39.51	6.3	1,607	5.2	83,558	5.2
Property, real estate, and community	26.16	12.7	1 441	12.7	74.015	12.7
association managers	36.16	13.7	1,441	13.7	74,915	13.7
<b>Business and financial operations</b>						
occupations	27.07	5.6	1,099	5.2	57,162	5.2
Buyers and purchasing agents	24.91	9.1	1,027	6.8	53,393	6.8
Wholesale and retail buyers, except farm	24.91	9.1	1,027	0.0	33,373	0.6
products	21.45	9.4	900	9.7	46,808	9.7
Purchasing agents, except wholesale,	21.43	7.4	700	7.1	40,000	] .,
retail, and farm products	24.60	9.2	1,000	7.1	51,983	7.1
Claims adjusters, appraisers, examiners, and	21.00	).2	1,000	7.1	31,703	/.1
investigators	24.62	27.6	980	27.0	50,946	27.0
Claims adjusters, examiners, and	202		, , ,		20,> .0	
investigators	24.62	27.6	980	27.0	50,946	27.0
Cost estimators	31.42	14.2	1,257	14.2	65,345	14.2
Human resources, training, and labor			ŕ		•	
relations specialists	26.49	14.7	1,054	14.9	54,783	14.9
Training and development specialists	30.91	.9	1,236	.9	64,296	.9
Logisticians	24.67	10.0	987	10.0	51,314	10.0
Management analysts	32.64	23.1	1,306	23.1	67,900	23.1
Accountants and auditors	29.33	4.5	1,198	4.0	62,307	4.0
Financial analysts and advisors	21.12	6.2	840	6.2	43,692	6.2
Financial analysts	27.24	3.5	1,090	3.5	56,667	3.5
Loan counselors and officers	31.70	6.9	1,257	6.4	65,343	6.4
Loan officers	32.67	7.9	1,295	7.4	67,316	7.4
Computer and mathematical science						
occupations	29.49	16.1	1,193	16.3	62,019	16.3
Computer programmers	33.49	7.7	1,339	7.7	69,650	7.7
Computer programmers	33.77	,.,	1,557	,.,		/./

RSE Table 12 Full-time<sup>1</sup> private industry workers: Relative standard errors of mean hourly, weekly, and annual earnings — Continued

	Hourly ea	nrnings <sup>3</sup>	Weekly ea	arnings <sup>5</sup>	Annual ea	arnings <sup>6</sup>
Occupation <sup>2</sup>	Mean	Relative error <sup>4</sup>	Mean	Relative error <sup>4</sup>	Mean	Relative error <sup>4</sup>
Computer and mathematical science						
occupations –Continued						
Computer software engineers	\$40.15	1.3%	\$1,625	1.6%	\$84,520	1.6%
Computer software engineers, applications Computer software engineers, systems	34.48	6.1	1,384	6.0	71,971	6.0
software	42.85	4.1	1,742	4.6	90,573	4.6
Computer support specialists	18.60	18.7	744	18.7	38,682	18.7
Computer systems analysts	34.01	8.1	1,376	9.1	71,538	9.1
Network and computer systems	34.01	0.1	1,370	).1	71,556	).1
administrators	24.22	43.0	1,036	35.4	53,857	35.4
Network systems and data communications	27.22	75.0	1,030	33.4	33,037	33.4
analysts	22.57	3.4	903	3.4	46,950	3.4
Architecture and engineering occupations	32.40	3.4	1,307	3.3	67,943	3.3
Architects, except naval	27.33	1.3	1,093	1.3	56,841	1.3
Architects, except landscape and naval	27.33	1.3	1,093	1.3	56,841	1.3
Engineers	37.45	4.0	1,516	3.8	78,824	3.8
Civil engineers	37.54	3.2	1,547	3.1	80,451	3.1
Computer hardware engineers	38.60	16.2	1,583	18.0	82,304	18.0
Electrical and electronics engineers	38.01	4.6	1,527	4.4	79,412	4.4
Electrical engineers	38.91	4.6	1,556	4.6	80,935	4.6
Electronics engineers, except computer	37.42	9.0	1,508	8.8	78,406	8.8
Industrial engineers, including health and			,		,	
safety	31.01	3.5	1,264	4.3	65,709	4.3
Industrial engineers	32.34	7.2	1,332	6.1	69,285	6.1
Mechanical engineers	38.26	10.0	1,497	10.4	77,835	10.4
Drafters	21.73	6.7	869	6.7	45,197	6.7
Engineering technicians, except drafters	22.07	8.2	883	8.2	45,898	8.2
Electrical and electronic engineering			0.45			
technicians	21.05	9.8	842	9.8	43,784	9.8
Life, physical, and social science occupations	28.64	3.1	1,136	4.9	59,050	4.9
Physical scientists	33.27	3.8	1,331	3.8	69,194	3.8
Community and social services occupations	15.85	7.7	681	5.3	35,290	5.3
Counselors	18.24	7.8	713	8.5	37,079	8.5
Rehabilitation counselors	15.77	15.7	608	15.8	31,627	15.8
Social workers	15.78	8.7	630	8.7	32,755	8.7
Mental health and substance abuse social					,,,,,,	
workers	18.51	6.8	741	6.8	38,510	6.8
Miscellaneous community and social service			-		,-	
specialists	15.52	19.8	613	20.4	31,395	20.4
Social and human service assistants	12.40	8.6	486	9.7	24,711	9.7

RSE Table 12 Full-time<sup>1</sup> private industry workers: Relative standard errors of mean hourly, weekly, and annual earnings — Continued

2	Hourly ea	Hourly earnings <sup>3</sup> Weekly earnings <sup>5</sup>		Annual earnings <sup>6</sup>		
Occupation <sup>2</sup>	Mean	Relative error <sup>4</sup>	Mean	Relative error <sup>4</sup>	Mean	Relative error <sup>4</sup>
Legal occupations	\$49.57	45.5%	\$1,934	43.7%	\$100,558	43.7%
Paralegals and legal assistants	26.21	11.2	1,029	10.2	53,485	10.2
Education, training, and library occupations	24.60	23.8	951	23.7	42,480	23.7
Postsecondary teachers	33.32	7.0	1,360	8.7	56,844	8.7
Primary, secondary, and special education		, , ,	-,			
school teachers	23.33	8.8	859	7.6	35,486	7.6
Preschool and kindergarten teachers	12.98	12.0	495	10.3	24,837	10.3
Elementary and middle school teachers	30.52	3.8	1,216	3.6	38,718	3.6
Elementary school teachers, except						
special education	30.51	3.9	1,216	3.7	38,556	3.7
Other teachers and instructors	43.40	45.9	1,736	45.9	89,113	45.9
Arts, design, entertainment, sports, and						
media occupations	20.74	3.4	838	5.6	43,525	5.6
Designers	19.45	14.4	795	11.1	41,339	11.1
Graphic designers	17.19	8.3	713	6.1	37,070	6.1
Actors, producers, and directors	19.36	9.1	774	9.1	40,266	9.1
Producers and directors	19.36	9.1	774	9.1	40,266	9.1
News analysts, reporters and correspondents	18.26	13.9	705	11.1	36,244	11.1
Reporters and correspondents	18.26	13.9	705	11.1	36,244	11.1
Writers and editors	30.47	9.1	1,219	9.1	63,368	9.1
Editors	28.82	11.4	1,153	11.4	59,948	11.4
Healthcare practitioner and technical						
occupations	27.94	5.8	1,099	6.1	57,168	6.1
Pharmacists	48.84	.4	1,917	.5	99,694	.5
Physicians and surgeons	64.59	33.7	2,426	29.3	126,142	29.3
Registered nurses	31.72	6.9	1,246	6.9	64,788	6.9
Therapists	24.25	2.0	948	2.0	49,283	2.0
Occupational therapists	28.93	10.2	1,157	10.2	60,176	10.2
Physical therapists	29.06	5.6	1,079	9.5	56,131	9.5
Clinical laboratory technologists and						
technicians	18.28	4.6	730	4.5	37,985	4.5
Medical and clinical laboratory						
technicians	16.60	2.3	663	2.2	34,500	2.2
Diagnostic related technologists and						
technicians	28.20	13.2	1,118	13.7	58,158	13.7
Radiologic technologists and technicians	24.17	5.2	955	5.6	49,656	5.6
Health diagnosing and treating practitioner	_					_
support technicians	16.52	8.1	656	8.0	34,118	8.0
Pharmacy technicians	14.93	5.0	597	5.0	31,063	5.0
Licensed practical and licensed vocational	40.51		<b>=</b>		20.005	
nurses	19.34	3.4	769	3.2	39,992	3.2
l						

RSE Table 12 Full-time<sup>1</sup> private industry workers: Relative standard errors of mean hourly, weekly, and annual earnings — Continued

Mean   Relative error   Relative error   Mean   Relative error   Relative error   Relative error   Mean   Relative error   Relative error   Mean   Relative error   Relati
Nursing, psychiatric, and home health aides       11.87       1.1       464       1.0       24,151       1         Nursing aides, orderlies, and attendants       12.20       1.9       478       1.9       24,849       1         Physical therapist assistants and aides       10.36       9.6       402       12.0       20,895       12         Physical therapist aides       9.50       10.5       366       12.0       19,041       12         Miscellaneous healthcare support       0ccupations       13.56       9.8       518       9.7       26,922       9         Dental assistants       15.27       12.2       539       17.9       28,042       17         Medical assistants       14.82       9.1       587       9.8       30,517       9         Medical transcriptionists       17.00       9.3       680       9.3       35,363       9         Protective service occupations       10.81       3.5       436       4.7       22,652       4         Security guards and gaming surveillance officers       10.61       2.4       422       2.6       21,962       2         Food preparation and serving related occupations       8.78       4.9       334       4.9       17,1
Nursing, psychiatric, and home health aides       11.87       1.1       464       1.0       24,151       1         Nursing aides, orderlies, and attendants       12.20       1.9       478       1.9       24,849       1         Physical therapist assistants and aides       10.36       9.6       402       12.0       20,895       12         Physical therapist aides       9.50       10.5       366       12.0       19,041       12         Miscellaneous healthcare support       0ccupations       13.56       9.8       518       9.7       26,922       9         Dental assistants       15.27       12.2       539       17.9       28,042       17         Medical assistants       14.82       9.1       587       9.8       30,517       9         Medical transcriptionists       17.00       9.3       680       9.3       35,363       9         Protective service occupations       10.81       3.5       436       4.7       22,652       4         Security guards and gaming surveillance officers       10.61       2.4       422       2.6       21,962       2         Food preparation and serving related occupations       8.78       4.9       334       4.9       17,1
Nursing, psychiatric, and home health aides       11.87       1.1       464       1.0       24,151       1         Nursing aides, orderlies, and attendants       12.20       1.9       478       1.9       24,849       1         Physical therapist assistants and aides       10.36       9.6       402       12.0       20,895       12         Physical therapist aides       9.50       10.5       366       12.0       19,041       12         Miscellaneous healthcare support       0ccupations       13.56       9.8       518       9.7       26,922       9         Dental assistants       15.27       12.2       539       17.9       28,042       17         Medical assistants       14.82       9.1       587       9.8       30,517       9         Medical transcriptionists       17.00       9.3       680       9.3       35,363       9         Protective service occupations       10.81       3.5       436       4.7       22,652       4         Security guards and gaming surveillance officers       10.61       2.4       422       2.6       21,962       2         Food preparation and serving related occupations       8.78       4.9       334       4.9       17,1
Nursing aides, orderlies, and attendants       12.20       1.9       478       1.9       24,849       1         Physical therapist assistants and aides       10.36       9.6       402       12.0       20,895       12         Physical therapist aides       9.50       10.5       366       12.0       19,041       12         Miscellaneous healthcare support       0ccupations       13.56       9.8       518       9.7       26,922       9         Dental assistants       15.27       12.2       539       17.9       28,042       17         Medical assistants       14.82       9.1       587       9.8       30,517       9         Medical transcriptionists       17.00       9.3       680       9.3       35,363       9         Protective service occupations       10.81       3.5       436       4.7       22,652       4         Security guards and gaming surveillance officers       10.61       2.4       422       2.6       21,962       2         Food preparation and serving related occupations       8.78       4.9       334       4.9       17,194       4
Physical therapist assistants and aides       10.36       9.6       402       12.0       20,895       12         Physical therapist aides       9.50       10.5       366       12.0       19,041       12         Miscellaneous healthcare support occupations       13.56       9.8       518       9.7       26,922       9         Dental assistants       15.27       12.2       539       17.9       28,042       17         Medical assistants       14.82       9.1       587       9.8       30,517       9         Medical transcriptionists       17.00       9.3       680       9.3       35,363       9         Protective service occupations       10.81       3.5       436       4.7       22,652       4         Security guards and gaming surveillance officers       10.61       2.4       422       2.6       21,962       2         Security guards       10.61       2.4       422       2.6       21,962       2         Food preparation and serving related occupations       8.78       4.9       334       4.9       17,194       4
Physical therapist aides       9.50       10.5       366       12.0       19,041       12         Miscellaneous healthcare support occupations       13.56       9.8       518       9.7       26,922       9         Dental assistants       15.27       12.2       539       17.9       28,042       17         Medical assistants       14.82       9.1       587       9.8       30,517       9         Medical transcriptionists       17.00       9.3       680       9.3       35,363       9         Protective service occupations       10.81       3.5       436       4.7       22,652       4         Security guards and gaming surveillance officers       10.61       2.4       422       2.6       21,962       2         Security guards       10.61       2.4       422       2.6       21,962       2         Food preparation and serving related occupations       8.78       4.9       334       4.9       17,194       4
Miscellaneous healthcare support occupations       13.56       9.8       518       9.7       26,922       9         Dental assistants       15.27       12.2       539       17.9       28,042       17         Medical assistants       14.82       9.1       587       9.8       30,517       9         Medical transcriptionists       17.00       9.3       680       9.3       35,363       9         Protective service occupations       10.81       3.5       436       4.7       22,652       4         Security guards and gaming surveillance officers       10.61       2.4       422       2.6       21,962       2         Security guards       10.61       2.4       422       2.6       21,962       2         Food preparation and serving related occupations       8.78       4.9       334       4.9       17,194       4
occupations       13.56       9.8       518       9.7       26,922       9         Dental assistants       15.27       12.2       539       17.9       28,042       17         Medical assistants       14.82       9.1       587       9.8       30,517       9         Medical transcriptionists       17.00       9.3       680       9.3       35,363       9         Protective service occupations       10.81       3.5       436       4.7       22,652       4         Security guards and gaming surveillance officers       10.61       2.4       422       2.6       21,962       2         Security guards       10.61       2.4       422       2.6       21,962       2         Food preparation and serving related occupations       8.78       4.9       334       4.9       17,194       4
Dental assistants       15.27       12.2       539       17.9       28,042       17         Medical assistants       14.82       9.1       587       9.8       30,517       9         Medical transcriptionists       17.00       9.3       680       9.3       35,363       9         Protective service occupations       10.81       3.5       436       4.7       22,652       4         Security guards and gaming surveillance officers       10.61       2.4       422       2.6       21,962       2         Security guards       10.61       2.4       422       2.6       21,962       2         Food preparation and serving related occupations       8.78       4.9       334       4.9       17,194       4
Medical assistants       14.82       9.1       587       9.8       30,517       9         Medical transcriptionists       17.00       9.3       680       9.3       35,363       9         Protective service occupations       10.81       3.5       436       4.7       22,652       4         Security guards and gaming surveillance officers       10.61       2.4       422       2.6       21,962       2         Security guards       10.61       2.4       422       2.6       21,962       2         Food preparation and serving related occupations       8.78       4.9       334       4.9       17,194       4
Medical transcriptionists       17.00       9.3       680       9.3       35,363       9         Protective service occupations       10.81       3.5       436       4.7       22,652       4         Security guards and gaming surveillance officers       10.61       2.4       422       2.6       21,962       2         Security guards       10.61       2.4       422       2.6       21,962       2         Food preparation and serving related occupations       8.78       4.9       334       4.9       17,194       4
Protective service occupations       10.81       3.5       436       4.7       22,652       4         Security guards and gaming surveillance officers       10.61       2.4       422       2.6       21,962       2         Security guards       10.61       2.4       422       2.6       21,962       2         Food preparation and serving related occupations       8.78       4.9       334       4.9       17,194       4
Security guards and gaming surveillance officers       10.61       2.4       422       2.6       21,962       2         Security guards       10.61       2.4       422       2.6       21,962       2         Food preparation and serving related occupations       8.78       4.9       334       4.9       17,194       4
officers       10.61       2.4       422       2.6       21,962       2         Security guards       10.61       2.4       422       2.6       21,962       2         Food preparation and serving related occupations       8.78       4.9       334       4.9       17,194       4
Security guards       10.61       2.4       422       2.6       21,962       2         Food preparation and serving related occupations       8.78       4.9       334       4.9       17,194       4
Food preparation and serving related occupations         8.78         4.9         334         4.9         17,194         4
occupations         8.78         4.9         334         4.9         17,194         4
occupations         8.78         4.9         334         4.9         17,194         4
<u>-</u>
Thist-file supervisors/managers, rood
preparation and serving workers
First-line supervisors/managers of food
preparation and serving workers 14.22 6.4 591 7.8 30,712 7
Cooks
Cooks, institution and cafeteria
Cooks, restaurant
Cooks, short order
Food preparation workers
Food service, tipped
Bartenders
Waiters and waitresses
Dining room and cafeteria attendants and
bartender helpers
Fast food and counter workers
Combined food preparation and serving
workers, including fast food
Counter attendants, cafeteria, food
concession, and coffee shop
Food servers, nonrestaurant
Dishwashers
Hosts and hostesses, restaurant, lounge, and
coffee shop

RSE Table 12 Full-time<sup>1</sup> private industry workers: Relative standard errors of mean hourly, weekly, and annual earnings — Continued

	Hourly ea	rnings <sup>3</sup>	Weekly ea	Weekly earnings <sup>5</sup>		arnings <sup>6</sup>
Occupation <sup>2</sup>	Mean	Relative error <sup>4</sup>	Mean	Relative error <sup>4</sup>	Mean	Relative error <sup>4</sup>
Building and grounds cleaning and						
maintenance occupations	\$10.68	7.6%	\$421	7.5%	\$21,235	7.5%
Building cleaning workers	9.75	4.3	385	4.1	19,486	4.1
Janitors and cleaners, except maids and						
housekeeping cleaners	10.26	6.8	406	7.0	20,648	7.0
Maids and housekeeping cleaners	9.03	2.3	354	2.4	17,842	2.4
Grounds maintenance workers	12.53	14.4	483	16.0	22,591	16.0
Landscaping and groundskeeping workers	11.59	14.7	443	16.5	20,223	16.5
Personal care and service occupations	10.93	7.5	413	3.6	20,352	3.6
First-line supervisors/managers of gaming						
workers	16.03	.8	645	.9	33,524	.9
Gaming supervisors	17.66	2.7	714	2.9	37,103	2.9
Gaming services workers	6.99	2.6	276	2.5	14,367	2.5
Gaming dealers	6.80	2.8	269	2.6	13,969	2.6
Miscellaneous entertainment attendants and	0.02	2.5	201	<b>-</b> -	0.504	
related workers	8.82	2.5	301	7.9	9,694	7.9
Amusement and recreation attendants	8.59	3.6	284	5.3	8,589	5.3
Transportation attendants	31.84	1.1	668	1.6	34,719	1.6
Flight attendants	32.10	.9	667	1.6	34,703	1.6
Child care workers	8.76	8.1	350	8.1	18,223	8.1
Personal and home care aides	9.49	4.0	378	4.2	19,662	4.2
Sales and related occupations	18.80	4.1	747	4.9	38,793	4.9
First-line supervisors/managers, sales						
workers	19.80	17.0	791	17.6	41,128	17.6
First-line supervisors/managers of retail						
sales workers	18.67	13.4	746	14.3	38,786	14.3
First-line supervisors/managers of						
non-retail sales workers	24.66	27.3	983	27.3	51,113	27.3
Retail sales workers	13.12	4.9	523	6.0	27,166	6.0
Cashiers, all workers	10.18	4.6	396	5.0	20,579	5.0
Cashiers	10.29	5.4	399	5.9	20,729	5.9
Gaming change persons and booth						
cashiers	9.24	11.8	369	11.8	19,212	11.8
Counter and rental clerks and parts						
salespersons	12.84	11.6	524	13.8	27,254	13.8
Counter and rental clerks	11.02	10.7	442	11.1	22,989	11.1
Parts salespersons	15.07	12.6	629	16.9	32,702	16.9
Retail salespersons	15.24	2.5	614	3.9	31,856	3.9
Advertising sales agents	23.69	30.5	921	25.8	47,912	25.8
Insurance sales agents	29.34	7.8	1,151	8.8	59,829	8.8
Securities, commodities, and financial			,		, , , , , , ,	
services sales agents	47.24	29.7	1,888	29.8	98,164	29.8

**RSE Table 12** 

## Full-time<sup>1</sup> private industry workers: Relative standard errors of mean hourly, weekly, and annual earnings — Continued

Sales and related occupations - Continued Sales representatives, wholesale and manufacturing		Hourly earnings <sup>3</sup>		Weekly earnings <sup>5</sup>		Annual earnings <sup>6</sup>	
Sales representatives, wholesale and manufacturing, technical and scientific products   41.94   7.7   1.678   7.7   87,236   7.7	Occupation <sup>2</sup>	Mean		Mean	4	Mean	
Sales representatives, wholesale and manufacturing, technical and scientific products   41.94   7.7   1.678   7.7   87,236   7.7							
Sales representatives, wholesale and manufacturing, technical and scientific products   41.94   7.7   1.678   7.7   87,236   7.7	Sales and related occupations - Continued						
Sales representatives, wholesale and manufacturing, technical and scientific products							
manufacturing, technical and scientific products         41.94         7.7         1,678         7.7         87,236         7.7           Sales representatives, wholesale and manufacturing, except technical and scientific products         35.37         20.6         1,432         20.9         74,458         20.9           Real estate brokers and sales agents         32.00         42.3         1,256         40.7         65,300         40.7           Telemarketers         10.07         6.9         366         5.8         19,044         5.8           Miscellaneous sales and related workers         14.14         8.4         565         9.0         29,367         9.0           Office and administrative support           occupations         14.53         3.9         574         3.8         29,832         3.8           First-line supervisors/managers of office and administrative support workers         18.20         5.3         736         5.3         38,251         5.3           Bill and account collectors         18.20         5.3         736         5.3         38,251         5.3           Billing and posting clerks and machine operators         13.28         15.3         531         15.3         27,622         15.3           Bookkeeping,	manufacturing	\$38.28	10.0%	\$1,541	10.1%	\$80,148	10.1%
Align	Sales representatives, wholesale and						
Sales representatives, wholesale and manufacturing, except technical and scientific products	manufacturing, technical and scientific						
manufacturing, except technical and scientific products         35.37         20.6         1,432         20.9         74,458         20.9           Real estate brokers and sales agents         31.34         39.8         1,233         38.2         64,107         38.2           Real estate sales agents         32.00         42.3         1,256         40.7         65,300         40.7           Telemarketers         10.07         6.9         366         5.8         19,044         5.8           Miscellaneous sales and related workers         14.14         8.4         565         9.0         29,367         9.0           Office and administrative support           occupations         14.53         3.9         574         3.8         29,832         3.8           First-line supervisors/managers of office and administrative support workers         18.20         5.3         736         5.3         38,251         5.3           Financial clerks         14.18         4.0         550         3.9         28,600         3.9           Bill and account collectors         14.43         8.9         551         12.8         28,653         12.8           Billing and posting clerks and machine operators         13.28         15.3         531<	products	41.94	7.7	1,678	7.7	87,236	7.7
Scientific products	Sales representatives, wholesale and						
Real estate brokers and sales agents         31.34         39.8         1,233         38.2         64,107         38.2           Real estate sales agents         32.00         42.3         1,256         40.7         65,300         40.7           Telemarketers         10.07         6.9         366         5.8         19,044         5.8           Miscellaneous sales and related workers         14.14         8.4         565         9.0         29,367         9.0           Office and administrative support           occupations         14.53         3.9         574         3.8         29,832         3.8           First-line supervisors/managers of office and administrative support workers         18.20         5.3         736         5.3         38,251         5.3           Financial clerks         14.18         4.0         550         3.9         28,600         3.9           Bill and account collectors         14.43         8.9         551         12.8         28,653         12.8           Billing and posting clerks and machine operators         13.28         15.3         531         15.3         27,622         15.3           Bookkeeping, accounting, and auditing clerks         15.04         6.1         577         <	manufacturing, except technical and						
Real estate sales agents         32.00         42.3         1,256         40.7         65,300         40.7           Telemarketers         10.07         6.9         366         5.8         19,044         5.8           Miscellaneous sales and related workers         14.14         8.4         565         9.0         29,367         9.0           Office and administrative support           occupations         14.53         3.9         574         3.8         29,832         3.8           First-line supervisors/managers of office and administrative support workers         18.20         5.3         736         5.3         38,251         5.3           Financial clerks         14.18         4.0         550         3.9         28,600         3.9           Bill and account collectors         14.43         8.9         551         12.8         28,653         12.8           Billing and posting clerks and machine operators         13.28         15.3         531         15.3         27,622         15.3           Bookkeeping, accounting, and auditing clerks         15.04         6.1         577         6.0         30,010         6.0           Payroll and timekeeping clerks         16.41         8.9         656         8.9				1,432			1
Telemarketers	Real estate brokers and sales agents						1
Miscellaneous sales and related workers         14.14         8.4         565         9.0         29,367         9.0           Office and administrative support occupations         14.53         3.9         574         3.8         29,832         3.8           First-line supervisors/managers of office and administrative support workers         18.20         5.3         736         5.3         38,251         5.3           Financial clerks         14.18         4.0         550         3.9         28,600         3.9           Bill and account collectors         14.43         8.9         551         12.8         28,653         12.8           Billing and posting clerks and machine operators         13.28         15.3         531         15.3         27,622         15.3           Bookkeeping, accounting, and auditing clerks         15.04         6.1         577         6.0         30,010         6.0           Payroll and timekeeping clerks         16.41         8.9         656         8.9         34,133         8.9           Procurement clerks         17.27         2.5         691         2.5         35,929         2.5           Tellers         11.41         3.2         454         3.3         23,613         3.3				1,256			1
Office and administrative support occupations         14.53         3.9         574         3.8         29,832         3.8           First-line supervisors/managers of office and administrative support workers         18.20         5.3         736         5.3         38,251         5.3           Financial clerks         14.18         4.0         550         3.9         28,600         3.9           Bill and account collectors         14.43         8.9         551         12.8         28,653         12.8           Billing and posting clerks and machine operators         13.28         15.3         531         15.3         27,622         15.3           Bookkeeping, accounting, and auditing clerks         16.41         8.9         656         8.9         34,133         8.9           Procurement clerks         17.27         2.5         691         2.5         35,929         2.5           Tellers         11.41         3.2         454         3.3         23,613         3.3           Customer service representatives         13.26         4.3         527         4.4         27,417         4.4           File clerks         12.04         9.4         451         6.5         23,428         6.5           Hotel, motel,		10.07		366			1
occupations         14.53         3.9         574         3.8         29,832         3.8           First-line supervisors/managers of office and administrative support workers         18.20         5.3         736         5.3         38,251         5.3           Financial clerks         14.18         4.0         550         3.9         28,600         3.9           Bill and account collectors         14.43         8.9         551         12.8         28,653         12.8           Billing and posting clerks and machine operators         13.28         15.3         531         15.3         27,622         15.3           Bookkeeping, accounting, and auditing clerks         15.04         6.1         577         6.0         30,010         6.0           Payroll and timekeeping clerks         16.41         8.9         656         8.9         34,133         8.9           Procurement clerks         17.27         2.5         691         2.5         35,929         2.5           Tellers         11.41         3.2         454         3.3         23,613         3.3           Customer service representatives         13.26         4.3         527         4.4         27,417         4.4           File clerks	Miscellaneous sales and related workers	14.14	8.4	565	9.0	29,367	9.0
occupations         14.53         3.9         574         3.8         29,832         3.8           First-line supervisors/managers of office and administrative support workers         18.20         5.3         736         5.3         38,251         5.3           Financial clerks         14.18         4.0         550         3.9         28,600         3.9           Bill and account collectors         14.43         8.9         551         12.8         28,653         12.8           Billing and posting clerks and machine operators         13.28         15.3         531         15.3         27,622         15.3           Bookkeeping, accounting, and auditing clerks         15.04         6.1         577         6.0         30,010         6.0           Payroll and timekeeping clerks         16.41         8.9         656         8.9         34,133         8.9           Procurement clerks         17.27         2.5         691         2.5         35,929         2.5           Tellers         11.41         3.2         454         3.3         23,613         3.3           Customer service representatives         13.26         4.3         527         4.4         27,417         4.4           File clerks	Office and administrative support						
administrative support workers       18.20       5.3       736       5.3       38,251       5.3         Financial clerks       14.18       4.0       550       3.9       28,600       3.9         Bill and account collectors       14.43       8.9       551       12.8       28,653       12.8         Billing and posting clerks and machine operators       13.28       15.3       531       15.3       27,622       15.3         Bookkeeping, accounting, and auditing clerks       15.04       6.1       577       6.0       30,010       6.0         Payroll and timekeeping clerks       16.41       8.9       656       8.9       34,133       8.9         Procurement clerks       17.27       2.5       691       2.5       35,929       2.5         Tellers       11.41       3.2       454       3.3       23,613       3.3         Customer service representatives       13.26       4.3       527       4.4       27,417       4.4         File clerks       12.04       9.4       451       6.5       23,428       6.5         Hotel, motel, and resort desk clerks       10.69       9.6       424       8.6       21,408       8.6         Interviewers, exc		14.53	3.9	574	3.8	29,832	3.8
Financial clerks         14.18         4.0         550         3.9         28,600         3.9           Bill and account collectors         14.43         8.9         551         12.8         28,653         12.8           Billing and posting clerks and machine operators         13.28         15.3         531         15.3         27,622         15.3           Bookkeeping, accounting, and auditing clerks         15.04         6.1         577         6.0         30,010         6.0           Payroll and timekeeping clerks         16.41         8.9         656         8.9         34,133         8.9           Procurement clerks         17.27         2.5         691         2.5         35,929         2.5           Tellers         11.41         3.2         454         3.3         23,613         3.3           Customer service representatives         13.26         4.3         527         4.4         27,417         4.4           File clerks         12.04         9.4         451         6.5         23,428         6.5           Hotel, motel, and resort desk clerks         10.69         9.6         424         8.6         21,408         8.6           Interviewers, except eligibility and loan         13.50	First-line supervisors/managers of office and						
Bill and account collectors       14.43       8.9       551       12.8       28,653       12.8         Billing and posting clerks and machine operators       13.28       15.3       531       15.3       27,622       15.3         Bookkeeping, accounting, and auditing clerks       15.04       6.1       577       6.0       30,010       6.0         Payroll and timekeeping clerks       16.41       8.9       656       8.9       34,133       8.9         Procurement clerks       17.27       2.5       691       2.5       35,929       2.5         Tellers       11.41       3.2       454       3.3       23,613       3.3         Customer service representatives       13.26       4.3       527       4.4       27,417       4.4         File clerks       12.04       9.4       451       6.5       23,428       6.5         Hotel, motel, and resort desk clerks       10.69       9.6       424       8.6       21,408       8.6         Interviewers, except eligibility and loan       13.50       2.7       536       2.5       27,889       2.5         Loan interviewers and clerks       14.97       7.8       589       8.1       30,624       8.1	administrative support workers	18.20	5.3	736	5.3	38,251	5.3
Billing and posting clerks and machine operators       13.28       15.3       531       15.3       27,622       15.3         Bookkeeping, accounting, and auditing clerks       15.04       6.1       577       6.0       30,010       6.0         Payroll and timekeeping clerks       16.41       8.9       656       8.9       34,133       8.9         Procurement clerks       17.27       2.5       691       2.5       35,929       2.5         Tellers       11.41       3.2       454       3.3       23,613       3.3         Customer service representatives       13.26       4.3       527       4.4       27,417       4.4         File clerks       12.04       9.4       451       6.5       23,428       6.5         Hotel, motel, and resort desk clerks       10.69       9.6       424       8.6       21,408       8.6         Interviewers, except eligibility and loan       13.50       2.7       536       2.5       27,889       2.5         Loan interviewers and clerks       16.50       31.2       660       31.2       34,310       31.2         Human resources assistants, except payroll and timekeeping       14.17       3.5       567       3.5       29,482	Financial clerks	14.18	4.0	550	3.9	28,600	3.9
operators         13.28         15.3         531         15.3         27,622         15.3           Bookkeeping, accounting, and auditing clerks         15.04         6.1         577         6.0         30,010         6.0           Payroll and timekeeping clerks         16.41         8.9         656         8.9         34,133         8.9           Procurement clerks         17.27         2.5         691         2.5         35,929         2.5           Tellers         11.41         3.2         454         3.3         23,613         3.3           Customer service representatives         13.26         4.3         527         4.4         27,417         4.4           File clerks         12.04         9.4         451         6.5         23,428         6.5           Hotel, motel, and resort desk clerks         10.69         9.6         424         8.6         21,408         8.6           Interviewers, except eligibility and loan         13.50         2.7         536         2.5         27,889         2.5           Loan interviewers and clerks         16.50         31.2         660         31.2         34,310         31.2           Order clerks         16.50         31.2         660 <td>Bill and account collectors</td> <td>14.43</td> <td>8.9</td> <td>551</td> <td>12.8</td> <td>28,653</td> <td>12.8</td>	Bill and account collectors	14.43	8.9	551	12.8	28,653	12.8
Bookkeeping, accounting, and auditing clerks         15.04         6.1         577         6.0         30,010         6.0           Payroll and timekeeping clerks         16.41         8.9         656         8.9         34,133         8.9           Procurement clerks         17.27         2.5         691         2.5         35,929         2.5           Tellers         11.41         3.2         454         3.3         23,613         3.3           Customer service representatives         13.26         4.3         527         4.4         27,417         4.4           File clerks         12.04         9.4         451         6.5         23,428         6.5           Hotel, motel, and resort desk clerks         10.69         9.6         424         8.6         21,408         8.6           Interviewers, except eligibility and loan         13.50         2.7         536         2.5         27,889         2.5           Loan interviewers and clerks         14.97         7.8         589         8.1         30,624         8.1           Order clerks         16.50         31.2         660         31.2         34,310         31.2           Human resources assistants, except payroll and travel clerks         12.	Billing and posting clerks and machine						
clerks       15.04       6.1       577       6.0       30,010       6.0         Payroll and timekeeping clerks       16.41       8.9       656       8.9       34,133       8.9         Procurement clerks       17.27       2.5       691       2.5       35,929       2.5         Tellers       11.41       3.2       454       3.3       23,613       3.3         Customer service representatives       13.26       4.3       527       4.4       27,417       4.4         File clerks       12.04       9.4       451       6.5       23,428       6.5         Hotel, motel, and resort desk clerks       10.69       9.6       424       8.6       21,408       8.6         Interviewers, except eligibility and loan       13.50       2.7       536       2.5       27,889       2.5         Loan interviewers and clerks       14.97       7.8       589       8.1       30,624       8.1         Order clerks       16.50       31.2       660       31.2       34,310       31.2         Human resources assistants, except payroll and timekeeping       14.17       3.5       567       3.5       29,482       3.5         Reservation and travel clerks	operators	13.28	15.3	531	15.3	27,622	15.3
Payroll and timekeeping clerks       16.41       8.9       656       8.9       34,133       8.9         Procurement clerks       17.27       2.5       691       2.5       35,929       2.5         Tellers       11.41       3.2       454       3.3       23,613       3.3         Customer service representatives       13.26       4.3       527       4.4       27,417       4.4         File clerks       12.04       9.4       451       6.5       23,428       6.5         Hotel, motel, and resort desk clerks       10.69       9.6       424       8.6       21,408       8.6         Interviewers, except eligibility and loan       13.50       2.7       536       2.5       27,889       2.5         Loan interviewers and clerks       14.97       7.8       589       8.1       30,624       8.1         Order clerks       16.50       31.2       660       31.2       34,310       31.2         Human resources assistants, except payroll and timekeeping       14.17       3.5       567       3.5       29,482       3.5         Receptionists and information clerks       12.52       5.2       498       5.1       25,921       5.1         Reservati	Bookkeeping, accounting, and auditing						
Procurement clerks         17.27         2.5         691         2.5         35,929         2.5           Tellers         11.41         3.2         454         3.3         23,613         3.3           Customer service representatives         13.26         4.3         527         4.4         27,417         4.4           File clerks         12.04         9.4         451         6.5         23,428         6.5           Hotel, motel, and resort desk clerks         10.69         9.6         424         8.6         21,408         8.6           Interviewers, except eligibility and loan         13.50         2.7         536         2.5         27,889         2.5           Loan interviewers and clerks         14.97         7.8         589         8.1         30,624         8.1           Order clerks         16.50         31.2         660         31.2         34,310         31.2           Human resources assistants, except payroll and timekeeping         14.17         3.5         567         3.5         29,482         3.5           Receptionists and information clerks         12.52         5.2         498         5.1         25,921         5.1           Reservation and travel clerks         12.28	clerks	15.04	6.1	577	6.0	30,010	6.0
Tellers       11.41       3.2       454       3.3       23,613       3.3         Customer service representatives       13.26       4.3       527       4.4       27,417       4.4         File clerks       12.04       9.4       451       6.5       23,428       6.5         Hotel, motel, and resort desk clerks       10.69       9.6       424       8.6       21,408       8.6         Interviewers, except eligibility and loan       13.50       2.7       536       2.5       27,889       2.5         Loan interviewers and clerks       14.97       7.8       589       8.1       30,624       8.1         Order clerks       16.50       31.2       660       31.2       34,310       31.2         Human resources assistants, except payroll and timekeeping       14.17       3.5       567       3.5       29,482       3.5         Receptionists and information clerks       12.52       5.2       498       5.1       25,921       5.1         Reservation and transportation ticket agents and travel clerks       14.12       23.9       565       23.9       29,369       23.9         Dispatchers, except police, fire, and ambulance       13.26       14.5       541       15.8       28,				656			1
Customer service representatives       13.26       4.3       527       4.4       27,417       4.4         File clerks       12.04       9.4       451       6.5       23,428       6.5         Hotel, motel, and resort desk clerks       10.69       9.6       424       8.6       21,408       8.6         Interviewers, except eligibility and loan       13.50       2.7       536       2.5       27,889       2.5         Loan interviewers and clerks       14.97       7.8       589       8.1       30,624       8.1         Order clerks       16.50       31.2       660       31.2       34,310       31.2         Human resources assistants, except payroll and timekeeping       14.17       3.5       567       3.5       29,482       3.5         Receptionists and information clerks       12.52       5.2       498       5.1       25,921       5.1         Reservation and transportation ticket agents and travel clerks       14.12       23.9       565       23.9       29,369       23.9         Dispatchers, except police, fire, and ambulance       13.26       14.5       541       15.8       28,121       15.8         Production, planning, and expediting clerks       20.86       14.1       844		17.27		691		35,929	1
File clerks       12.04       9.4       451       6.5       23,428       6.5         Hotel, motel, and resort desk clerks       10.69       9.6       424       8.6       21,408       8.6         Interviewers, except eligibility and loan       13.50       2.7       536       2.5       27,889       2.5         Loan interviewers and clerks       14.97       7.8       589       8.1       30,624       8.1         Order clerks       16.50       31.2       660       31.2       34,310       31.2         Human resources assistants, except payroll and timekeeping       14.17       3.5       567       3.5       29,482       3.5         Receptionists and information clerks       12.52       5.2       498       5.1       25,921       5.1         Reservation and transportation ticket agents and travel clerks       14.12       23.9       565       23.9       29,369       23.9         Dispatchers       12.28       9.3       497       10.1       25,829       10.1         Dispatchers, except police, fire, and ambulance       13.26       14.5       541       15.8       28,121       15.8         Production, planning, and expediting clerks       20.86       14.1       844       13.				454		23,613	1
Hotel, motel, and resort desk clerks	Customer service representatives			527			1
Interviewers, except eligibility and loan       13.50       2.7       536       2.5       27,889       2.5         Loan interviewers and clerks       14.97       7.8       589       8.1       30,624       8.1         Order clerks       16.50       31.2       660       31.2       34,310       31.2         Human resources assistants, except payroll and timekeeping       14.17       3.5       567       3.5       29,482       3.5         Receptionists and information clerks       12.52       5.2       498       5.1       25,921       5.1         Reservation and transportation ticket agents and travel clerks       14.12       23.9       565       23.9       29,369       23.9         Dispatchers, except police, fire, and ambulance       12.28       9.3       497       10.1       25,829       10.1         Dispatchers, except police, fire, and ambulance       13.26       14.5       541       15.8       28,121       15.8         Production, planning, and expediting clerks       20.86       14.1       844       13.5       43,909       13.5				451			1
Loan interviewers and clerks       14.97       7.8       589       8.1       30,624       8.1         Order clerks       16.50       31.2       660       31.2       34,310       31.2         Human resources assistants, except payroll and timekeeping       14.17       3.5       567       3.5       29,482       3.5         Receptionists and information clerks       12.52       5.2       498       5.1       25,921       5.1         Reservation and transportation ticket agents and travel clerks       14.12       23.9       565       23.9       29,369       23.9         Dispatchers       12.28       9.3       497       10.1       25,829       10.1         Dispatchers, except police, fire, and ambulance       13.26       14.5       541       15.8       28,121       15.8         Production, planning, and expediting clerks       20.86       14.1       844       13.5       43,909       13.5				424	8.6		1
Order clerks       16.50       31.2       660       31.2       34,310       31.2         Human resources assistants, except payroll and timekeeping       14.17       3.5       567       3.5       29,482       3.5         Receptionists and information clerks       12.52       5.2       498       5.1       25,921       5.1         Reservation and transportation ticket agents and travel clerks       14.12       23.9       565       23.9       29,369       23.9         Dispatchers       12.28       9.3       497       10.1       25,829       10.1         Dispatchers, except police, fire, and ambulance       13.26       14.5       541       15.8       28,121       15.8         Production, planning, and expediting clerks       20.86       14.1       844       13.5       43,909       13.5	Interviewers, except eligibility and loan	13.50		536	2.5	27,889	1
Human resources assistants, except payroll and timekeeping       14.17       3.5       567       3.5       29,482       3.5         Receptionists and information clerks       12.52       5.2       498       5.1       25,921       5.1         Reservation and transportation ticket agents and travel clerks       14.12       23.9       565       23.9       29,369       23.9         Dispatchers       12.28       9.3       497       10.1       25,829       10.1         Dispatchers, except police, fire, and ambulance       13.26       14.5       541       15.8       28,121       15.8         Production, planning, and expediting clerks       20.86       14.1       844       13.5       43,909       13.5							1
and timekeeping       14.17       3.5       567       3.5       29,482       3.5         Receptionists and information clerks       12.52       5.2       498       5.1       25,921       5.1         Reservation and transportation ticket agents and travel clerks       14.12       23.9       565       23.9       29,369       23.9         Dispatchers       12.28       9.3       497       10.1       25,829       10.1         Dispatchers, except police, fire, and ambulance       13.26       14.5       541       15.8       28,121       15.8         Production, planning, and expediting clerks       20.86       14.1       844       13.5       43,909       13.5		16.50	31.2	660	31.2	34,310	31.2
Receptionists and information clerks       12.52       5.2       498       5.1       25,921       5.1         Reservation and transportation ticket agents and travel clerks       14.12       23.9       565       23.9       29,369       23.9         Dispatchers       12.28       9.3       497       10.1       25,829       10.1         Dispatchers, except police, fire, and ambulance       13.26       14.5       541       15.8       28,121       15.8         Production, planning, and expediting clerks       20.86       14.1       844       13.5       43,909       13.5							
Reservation and transportation ticket agents and travel clerks       14.12       23.9       565       23.9       29,369       23.9         Dispatchers       12.28       9.3       497       10.1       25,829       10.1         Dispatchers, except police, fire, and ambulance       13.26       14.5       541       15.8       28,121       15.8         Production, planning, and expediting clerks       20.86       14.1       844       13.5       43,909       13.5							
and travel clerks       14.12       23.9       565       23.9       29,369       23.9         Dispatchers       12.28       9.3       497       10.1       25,829       10.1         Dispatchers, except police, fire, and ambulance       13.26       14.5       541       15.8       28,121       15.8         Production, planning, and expediting clerks       20.86       14.1       844       13.5       43,909       13.5		12.52	5.2	498	5.1	25,921	5.1
Dispatchers       12.28       9.3       497       10.1       25,829       10.1         Dispatchers, except police, fire, and ambulance       13.26       14.5       541       15.8       28,121       15.8         Production, planning, and expediting clerks       20.86       14.1       844       13.5       43,909       13.5							
Dispatchers, except police, fire, and ambulance							1
ambulance		12.28	9.3	497	10.1	25,829	10.1
Production, planning, and expediting clerks 20.86 14.1 844 13.5 43,909 13.5							
						· · · · · · · · · · · · · · · · · · ·	1
Shipping receiving and traffic clarks $\begin{bmatrix} 12.87 & 2.0 & 514 & 2.0 & 26.712 & 2.0 $							1
	Shipping, receiving, and traffic clerks	12.87	2.0	514	2.0	26,712	2.0
Stock clerks and order fillers         12.63         3.4         504         3.5         26,212         3.5	Stock clerks and order fillers	12.63	3.4	504	3.5	26,212	3.5

RSE Table 12 Full-time<sup>1</sup> private industry workers: Relative standard errors of mean hourly, weekly, and annual earnings — Continued

	Hourly ea	rnings <sup>3</sup>	Weekly earnings <sup>5</sup> An		Annual ea	arnings <sup>6</sup>
Occupation <sup>2</sup>	Mean	Relative error <sup>4</sup>	Mean	Relative error <sup>4</sup>	Mean	Relative error <sup>4</sup>
Office and administrative support						
occupations –Continued						
Secretaries and administrative assistants	\$16.80	1.9%	\$669	1.8%	\$34,788	1.8%
Executive secretaries and administrative						
assistants	19.29	6.6	771	6.8	40,111	6.8
Medical secretaries	15.24	3.8	604	3.9	31,408	3.9
Secretaries, except legal, medical, and			<b>.</b>			
executive	14.74	3.9	588	3.8	30,586	3.8
Computer operators	18.62	5.2	745	5.2	38,727	5.2
Data entry and information processing	12.04	4.0	506		26.216	
workers	12.94	4.9	506	6.4	26,316	6.4
Data entry keyers	12.94	4.9	506	6.4	26,316	6.4
Insurance claims and policy processing	15.01	10.0	600	10.7	21 217	10.7
clerks	15.21	18.9	600	18.7	31,217	18.7
Mail clerks and mail machine operators,	12.42	<b>7.0</b>	500	4.1	27.204	4.1
except postal service	13.43	5.0	523	4.1	27,204	4.1
Office clerks, general	14.08	3.5	544	2.7	28,298	2.7
Office machine operators, except computer	12.42	6.3	497	6.3	25,824	6.3
Construction and extraction occupations	17.83	6.1	712	6.3	36,272	6.3
First-line supervisors/managers of						
construction trades and extraction						
workers	24.84	6.0	1,035	7.7	53,839	7.7
Brickmasons, blockmasons, and						
stonemasons	24.66	3.3	987	3.3	51,300	3.3
Carpenters	19.98	5.3	798	5.3	41,014	5.3
Construction laborers	13.25	16.1	528	16.0	26,396	16.0
Construction equipment operators	19.49	5.5	780	5.5	40,025	5.5
Operating engineers and other						
construction equipment operators	20.20	6.7	808	6.7	41,855	6.7
Drywall installers, ceiling tile installers, and						
tapers	17.67	9.3	707	9.3	36,620	9.3
Electricians	22.53	10.8	901	10.8	46,855	10.8
Painters and paperhangers	14.38	3.9	567	7.5	29,188	7.5
Painters, construction and maintenance	14.38	3.9	567	7.5	29,188	7.5
Pipelayers, plumbers, pipefitters, and						
steamfitters	22.83	8.2	911	8.2	47,377	8.2
Plumbers, pipefitters, and steamfitters	23.35	7.9	932	7.9	48,439	7.9
Roofers	13.47	5.0	539	5.0	28,008	5.0
Helpers, construction trades	19.00	14.2	748	15.0	34,382	15.0
Installation, maintenance, and repair						
occupations	20.20	2.7	818	3.2	42,535	3.2
•					7	

RSE Table 12 Full-time1

Full-time<sup>1</sup> private industry workers: Relative standard errors of mean hourly, weekly, and annual earnings — Continued

		_				
	Hourly earnings <sup>3</sup>		Weekly ea	Weekly earnings <sup>5</sup>		rnings <sup>6</sup>
Occupation <sup>2</sup>	Mean	Relative error <sup>4</sup>	Mean	Relative error <sup>4</sup>	Mean	Relative error <sup>4</sup>
Installation, maintenance, and repair						
occupations –Continued						
First-line supervisors/managers of						
mechanics, installers, and repairers	\$27.19	18.6%	\$1,123	19.5%	\$58,375	19.5%
Radio and telecommunications equipment						
installers and repairers	24.88	10.3	995	10.3	51,744	10.3
Telecommunications equipment installers						
and repairers, except line installers	24.88	10.3	995	10.3	51,744	10.3
Miscellaneous electrical and electronic						
equipment mechanics, installers, and						
repairers	15.79	12.2	630	11.9	32,746	11.9
Electrical and electronics repairers,						
commercial and industrial equipment	26.58	8.0	1,046	7.7	54,395	7.7
Aircraft mechanics and service technicians	23.99	5.4	960	5.4	49,906	5.4
Automotive technicians and repairers	20.68	2.7	839	2.7	43,610	2.7
Automotive body and related repairers	21.62	35.9	930	40.1	48,356	40.1
Automotive service technicians and					,	
mechanics	20.57	7.9	828	7.7	43,049	7.7
Bus and truck mechanics and diesel engine					,	
specialists	19.71	6.0	788	6.0	40,999	6.0
Heavy vehicle and mobile equipment service					,	
technicians and mechanics	20.38	5.2	906	3.9	47,092	3.9
Mobile heavy equipment mechanics,					,	
except engines	23.12	3.6	925	3.6	48,087	3.6
Heating, air conditioning, and refrigeration						
mechanics and installers	16.35	4.5	654	4.5	34,015	4.5
Industrial machinery installation, repair, and					- ,	
maintenance workers	20.33	5.0	812	5.0	42,221	5.0
Industrial machinery mechanics	22.14	3.6	883	3.6	45,917	3.6
Maintenance and repair workers, general	18.74	9.7	748	9.7	38,916	9.7
Maintenance workers, machinery	20.98	12.6	839	12.6	43,636	12.6
Line installers and repairers	24.78	10.9	991	10.9	51,543	10.9
Electrical power-line installers and						
repairers	26.49	16.7	1,060	16.7	55,106	16.7
Miscellaneous installation, maintenance, and	20	10.7	1,000	1017	20,100	1017
repair workers	17.31	4.9	689	5.4	35,840	5.4
Helpersinstallation, maintenance, and	11	,	007		22,010	
repair workers	13.66	9.2	535	7.0	27,846	7.0
74Pan 021223	15.00			,		
Production occupations	15.07	6.6	601	6.7	31,250	6.7
First-line supervisors/managers of	-2.0,			2.,	,	
production and operating workers	27.75	21.0	1,127	20.8	58,602	20.8
Electrical, electronics, and electromechanical	=		-,- <b>-</b> ,			
assemblers	13.05	3.4	522	3.4	27,136	3.4
					.,	

RSE Table 12 Full-time<sup>1</sup> private industry workers: Relative standard errors of mean hourly, weekly, and annual earnings — Continued

	Hourly ea	arnings <sup>3</sup> Weekly e		arnings <sup>5</sup>	Annual earnings	
Occupation <sup>2</sup>	Mean	Relative error <sup>4</sup>	Mean	Relative error <sup>4</sup>	Mean	Relative error <sup>4</sup>
Production occupations –Continued						
Electrical and electronic equipment						
assemblers	\$13.13	3.4%	\$525	3.4%	\$27,301	3.4%
Miscellaneous assemblers and fabricators	12.01	3.3	480	3.3	24,972	3.3
Bakers	11.78	14.9	471	14.9	24,497	14.9
Butchers and other meat, poultry, and fish						
processing workers	13.07	16.2	523	16.2	27,182	16.2
Butchers and meat cutters	15.30	19.3	612	19.3	31,826	19.3
Slaughterers and meat packers	10.15	.5	406	.5	21,103	.5
Miscellaneous food processing workers	15.58	5.4	615	4.6	31,998	4.6
Computer control programmers and						
operators	17.52	11.8	701	11.8	36,449	11.8
Computer-controlled machine tool						
operators, metal and plastic	17.02	12.2	681	12.2	35,400	12.2
Machine tool cutting setters, operators, and						
tenders, metal and plastic	12.54	3.7	501	3.7	26,077	3.7
Cutting, punching, and press machine						
setters, operators, and tenders, metal						
and plastic	11.72	4.5	469	4.5	24,378	4.5
Grinding, lapping, polishing, and buffing						
machine tool setters, operators, and						
tenders, metal and plastic	12.66	6.2	506	6.2	26,333	6.2
Machinists	18.26	2.4	724	2.3	37,633	2.3
Welding, soldering, and brazing workers	16.89	7.0	676	7.0	35,137	7.0
Welders, cutters, solderers, and brazers	16.76	7.4	670	7.4	34,854	7.4
Miscellaneous metalworkers and plastic						
workers	17.09	6.7	671	6.3	34,891	6.3
Printers	16.95	4.4	664	4.2	34,553	4.2
Printing machine operators	17.63	6.0	691	4.9	35,917	4.9
Laundry and dry-cleaning workers	11.11	13.3	443	13.5	23,028	13.5
Miscellaneous textile, apparel, and	4.500					
furnishings workers	13.80	10.2	552	10.2	28,707	10.2
Crushing, grinding, polishing, mixing, and						
blending workers	14.72	9.9	589	9.9	30,617	9.9
Inspectors, testers, sorters, samplers, and	16.40	2.4	<b>650</b>	2.4	24.201	2.4
weighers	16.48	3.4	659	3.4	34,281	3.4
Packaging and filling machine operators and	12.50	0.0	525	0.5	27.922	0.5
tenders	13.50	9.8	535	9.5	27,833	9.5
Painting workers	17.06	8.2	682	8.2	35,478	8.2
Painters, transportation equipment	17.85	10.9	714	10.9	37,138	10.9
Semiconductor processors	18.87	7.3	750 502	8.1	38,994	8.1
Miscellaneous production workers	12.58	19.4	502	19.4	26,122	19.4
Helpersproduction workers	11.15	5.7	446	5.7	23,185	5.7

## Full-time<sup>1</sup> private industry workers: Relative standard errors of mean hourly, weekly, and annual earnings — Continued

Occupation <sup>2</sup> Mean  Relative error <sup>4</sup> M	Iean	Relative error <sup>4</sup>	Mean	Relative
				error <sup>4</sup>
Transportation and material moving				
_	\$622	3.5%	\$32,186	3.5%
First-line supervisors/managers of helpers,	,		, , , , ,	
laborers, and material movers, hand 18.68 6.7	747	6.7	38,862	6.7
First-line supervisors/managers of			ŕ	
transportation and material-moving				
machine and vehicle operators 22.13 4.4	928	8.5	48,231	8.5
Aircraft pilots and flight engineers 120.90 14.5 2	2,454	18.8	127,623	18.8
Airline pilots, copilots, and flight				
engineers	2,454	18.8	127,623	18.8
Driver/sales workers and truck drivers 17.16 2.5	690	2.8	35,620	2.8
Driver/sales workers	481	17.9	25,017	17.9
Truck drivers, heavy and tractor-trailer 17.74 4.7	720	4.8	36,980	4.8
Truck drivers, light or delivery services 17.42 2.8	692	2.7	35,986	2.7
Industrial truck and tractor operators 15.32 8.0	611	8.0	31,797	8.0
Laborers and material movers, hand	416	5.6	21,644	5.6
Cleaners of vehicles and equipment 8.71 5.8	340	6.5	17,700	6.5
Laborers and freight, stock, and material				
	447	8.5	23,253	8.5
	420	11.5	21,823	11.5
Packers and packagers, hand 9.05 4.9	357	5.2	18,573	5.2

<sup>1</sup> Employees are classified as working either a full-time or a part-time schedule based on the definition used by each establishment. Therefore, a worker with a 35-hour-per-week schedule might be considered a full-time employee in one establishment, but classified as part-time in another firm, where a 40-hour week is the minimum full-time schedule.

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.

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

3 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>4</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.

Mean weekly earnings are the straight-time weekly wages or salaries paid to

employees.  $\ensuremath{^{6}}$  Mean annual earnings are the straight-time annual wages or salaries paid to employees.