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#### EMPLOYER COSTS FOR EMPLOYEE COMPENSATION-JUNE 2002

In June 2002, employer costs for employee compensation for civilian workers in private industry and State and local government in the United States averaged \$23.20 per hour worked, the U.S. Department of Labor's Bureau of Labor Statistics reported today. Wages and salaries, which averaged \$16.78, accounted for 72.3 percent of these costs, while benefits, which averaged \$6.41, accounted for the remaining 27.6 percent. (See table 1.)

Legally required benefits averaged \$1.82 per hour (7.8 percent of total compensation), representing the largest non-wage employer cost. Employer costs for paid leave benefits averaged \$1.59 (6.9 percent), insurance benefits averaged \$1.63 (7.0 percent), and retirement and savings benefits averaged 78 cents (3.4 percent) per hour worked.

#### **Private Industry**

In June 2002, private industry employer compensation costs averaged \$21.83 per hour worked. Wages and salaries averaged \$15.90 per hour (72.8 percent), while benefits averaged \$5.94 (27.2 percent.) (See table 5.)

Employer costs for paid leave averaged \$1.44 per hour worked (6.6 percent), supplemental pay averaged 60 cents (2.7 percent), insurance benefits averaged \$1.42 (6.5 percent), retirement and savings 62 cents (2.8 percent), and legally required benefits averaged \$1.82 (8.3 percent) per hour worked.

**NOTE:** The schedule for the Employer Costs for Employee Compensation has changed from an annual March release to a quarterly publication. Future releases will be issued for March, June, September, and December. See page 21 for details.

#### Retirement and savings benefit costs in private industry

In private industry, the average cost for retirement and savings benefits was 62 cents per hour worked (2.8 percent of total compensation) in June 2002. The average cost per hour worked for defined benefit plans, retirement plans that specify a benefit typically based on age, years of service, and earnings, was 22 cents (1.0 percent of total compensation). The average cost for defined contribution plans, retirement plans based on employer contributions to individual employee accounts, was 40 cents per hour worked (1.8 percent of total compensation). Employer retirement and savings costs varied by industry, occupation, bargaining status, region, and establishment size. (See table 5.)

Retirement and savings costs were higher in goods-producing (89 cents per hour worked and 3.5 percent of total compensation) than in service-producing (55 cents per hour and 2.6 percent of total compensation) industries. (See table 5.) The average cost per hour worked for retirement and savings was 74 cents for white-collar occupations, 70 cents for blue-collar occupations, and 16 cents for service occupations. The proportion of total compensation represented by retirement and savings benefits was 3.4 percent among blue-collar occupations, 2.8 percent for white-collar occupations, and 1.5 percent for service occupations. (See table 6.)

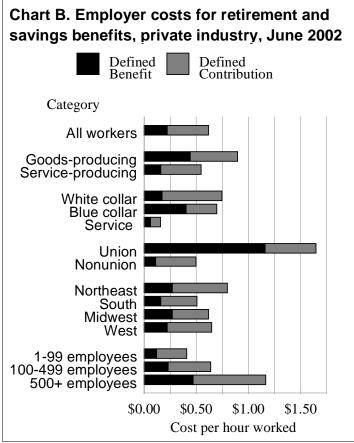
Retirement and savings costs were higher, both in average dollar amount per hour and as a proportion of total compensation, for union workers (\$1.65 and 5.6 percent of total compensation) than for nonunion workers (50 cents and 2.4 percent of total compensation). Defined benefit plan costs on average were significantly higher for union than nonunion workers. For union workers, defined benefit plan costs represented 3.9 percent of total compensation; in contrast, similar plans for nonunion workers represented 0.5 percent of total compensation. (See table 7.)

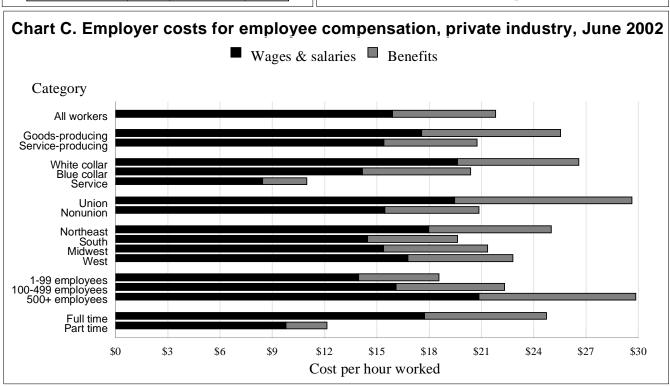
Retirement and savings costs ranged from 51 cents per hour in the South to 79 cents in the Northeast; costs averaged 62 cents per hour in the Midwest and 65 cents in the West. The proportion of total compensation represented by retirement and savings was 2.6 percent in the South, 2.8 percent in the West, 2.9 percent in the Midwest, and 3.2 percent in the Northeast. (See table 7.)

Retirement and savings costs increased, both in average dollar amount per hour worked and as a proportion of total compensation, with establishment size. Establishments with fewer than 100 employees averaged 41 cents per hour (2.2 percent), establishments with 100-499 employees averaged 64 cents (2.9 percent), and establishments with 500 or more employees averaged \$1.17 (3.9 percent). (See table 8.)

Chart A. Relative importance of employer costs for employee compensation, June 2002

	Civilian	State and local	Private
	workers	government	industry
Wages and salaries	72.3%	70.5%	72.8%
Benefits	27.6	29.5	27.2
Paid leave	6.9	7.9	6.6
Supplemental pay	2.4	0.9	2.7
Insurance	7.0	9.1	6.5
Health benefits	6.6	8.7	6.0
Retirement/savings	3.4	5.5	2.8
Defined benefit	1.8	4.8	1.0
Defined contrib.	1.6	0.7	1.8
Legally required	7.8	5.9	8.3
Other benefits	0.1	0.2	0.1





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Table 1. Employer costs per hour worked for employee compensation and costs as a percent of total compensation: Civilian workers, by major occupational group, June 2002

Compensation component	Civilian	workers	White	collar	Blue	collar	Ser	vice
	Cost	Percent	Cost	Percent	Cost	Percent	Cost	Percent
Total compensation	\$23.20	100.0	\$28.07	100.0	\$20.66	100.0	\$13.16	100.0
Wages and salaries	16.78	72.3	20.62	73.5	14.30	69.2	9.64	73.3
Total benefits	6.41	27.6	7.46	26.6	6.36	30.8	3.52	26.7
Paid leave	1.59	6.9	2.09	7.4	1.20	5.8	.76	5.8
Vacation	.74	3.2	.96	3.4	.60	2.9	.34	2.6
Holiday	.54	2.3	.70	2.5	.43	2.1	.24	1.8
Sick	.23	1.0	.33	1.2	.12	.6	.13	1.0
Other	.08	.3	.11	.4	.05	.2	.04	.3
Supplemental pay	.55	2.4	.57	2.0	.72	3.5	.25	1.9
Premium <sup>1</sup>	.23	1.0	.12	.4	.50	2.4	.13	1.0
Shift differentials	.06	.3	.05	.2	.07	.3	.05	.4
Nonproduction bonuses	.27	1.2	.40	1.4	.16	.8	.07	.5
Insurance	1.63	7.0	1.86	6.6	1.69	8.2	.90	6.8
Life	.04	.2	.05	.2	.04	.2	.02	.2
Health	1.52	6.6	1.72	6.1	1.58	7.6	.85	6.5
Short-term disability	.04	.2	.04	.1	.05	.2	.02	.2
Long-term disability	.03	.1	.05	.2	.02	.1	(2)	(3)
Retirement and savings	.78	3.4	.95	3.4	.73	3.5	.40	3.0
Defined benefit	.41	1.8	.43	1.5	.43	2.1	.30	2.3
Defined contribution	.38	1.6	.52	1.9	.30	1.5	.10	.8
Legally required benefits	1.82	7.8	1.95	6.9	1.98	9.6	1.20	9.1
Social Security <sup>4</sup>	1.34	5.8	1.60	5.7	1.21	5.9	.80	6.1
OASDI	1.07	4.6	1.27	4.5	.98	4.7	.64	4.9
Medicare	.27	1.2	.33	1.2	.23	1.1	.16	1.2
Federal unemployment insurance	.03	.1	.03	.1	.03	.1	.03	.2
State unemployment insurance	.09	.4	.08	.3	.11	.5	.08	.6
Workers' compensation	.36	1.6	.24	.9	.64	3.1	.30	2.3
Other benefits <sup>5</sup>	.03	.1	.04	.1	.03	.1	( <sup>2</sup> )	(3)

Includes premium pay for work in addition to the regular work schedule (such as overtime, weekends, and holidays).
 Cost per hour worked is \$0.01 or less.
 Less than .05 percent.
 The total employer's cost for Social Security is comprised of an

OASDI portion and a Medicare portion. OASDI is the acronym for Old-Age, Survivors, and Disability Insurance.

<sup>5</sup> Includes severance pay and supplemental unemployment benefits.

Table 2. Employer costs per hour worked for employee compensation and costs as a percent of total compensation: Civilian workers, by occupational and industry group, June 2002

	Total	1//0.000	Benefit costs								
Series	Total compen- sation	Wages and salaries	Total	Paid leave	Supple- mental pay	Insurance	Retirement and savings	Legally required benefits	Other benefits <sup>1</sup>		
				Cost	per hour w	orked by yea	r				
Civilian workers	\$23.20	\$16.78	\$6.41	\$1.59	\$0.55	\$1.63	\$0.78	\$1.82	\$0.03		
Occupational group											
White-collar occupations	28.07	20.62	7.46	2.09	.57	1.86	.95	1.95	.04		
Professional specialty and technical	37.44	27.71	9.73	2.81	.57	2.37	1.46	2.46	.06		
Professional specialty	40.10	29.86	10.24	2.99	.54	2.48	1.59	2.57	.07		
Nurses	34.20	24.79	9.41	2.75	1.21	1.84	.98	2.62	.02		
Teachers	41.55	31.70	9.85	2.20	.08	2.93	2.20	2.35	.09		
Technical	28.71	20.65	8.06	2.20	.68	2.02	1.02	2.12	.02		
Executive, administrative, and managerial	42.41	30.53	11.88	3.70	1.37	2.45	1.52	2.78	.07		
Administrative support, including clerical	18.50	13.24	5.26	1.33	.33	1.65	.55	1.37	.02		
Blue-collar occupations	20.66	14.30	6.36	1.20	.72	1.69	.73	1.98	.03		
Service occupations	13.16	9.64	3.52	.76	.25	.90	.40	1.20	(2)		
Industry group											
Services	24.63	18.35	6.29	1.74	.33	1.61	.80	1.78	.02		
Health services	24.94	18.09	6.85	2.13	.50	1.62	.71	1.86	(2)		
Hospitals	27.28	19.11	8.17	2.38	.76	2.11	.86	2.04	.02		
Educational services	33.38	24.73	8.65	2.12	.10	2.72	1.71	1.93	.06		
Elementary and secondary education	32.64	24.29	8.35	1.86	.08	2.92	1.60	1.79	.09		
Higher education	35.81	26.32	9.49	2.68	.13	2.47	2.02	2.18	(2)		
				Perce	ent of total of	compensation	n				
Civilian workers	100.0	72.3	27.6	6.9	2.4	7.0	3.4	7.8	0.1		
Occupational group											
NA/Initial and II and a second at least	400.0	70.5	00.0	7.4	0.0	0.0	0.4	0.0	,		
White-collar occupations	100.0	73.5	26.6	7.4	2.0	6.6	3.4	6.9	.1		
Professional specialty and technical	100.0 100.0	74.0 74.5	26.0 25.5	7.5 7.5	1.5 1.3	6.3 6.2	3.9 4.0	6.6 6.4	.2 .2		
Professional specialty Nurses	100.0	72.5	25.5 27.5	8.0	3.5	5.4	2.9	7.7	.1		
Teachers	100.0	76.3	23.7	5.3	.2	7.1	5.3	5.7	.1		
	100.0	71.9	28.1	7.7	2.4	7.1	3.6	5.7 7.4	.1		
Technical  Executive, administrative, and managerial	100.0	71.9	28.0	8.7	3.2	5.8	3.6	6.6	.2		
Administrative support, including clerical	100.0	71.6	28.4	7.2	1.8	8.9	3.0	7.4	.1		
Blue-collar occupations	100.0	69.2	30.8	5.8	3.5	8.2	3.5	9.6	.1		
Service occupations	100.0	73.3	26.7	5.8	1.9	6.8	3.0	9.1	(3)		
Industry group											
Services	100.0	74.5	25.5	7.1	1.3	6.5	3.2	7.2	.1		
Health services	100.0	72.5	27.5	8.5	2.0	6.5	2.8	7.5	(3)		
Hospitals	100.0	70.1	29.9	8.7	2.8	7.7	3.2	7.5	.1		
Educational services	100.0	74.1	25.9	6.4	.3	8.1	5.1	5.8	.2		
Elementary and secondary education	100.0	74.4	25.6	5.7	.2	8.9	4.9	5.5	.3		
Higher education	100.0	73.5	26.5	7.5	.4	6.9	5.6	6.1	(3)		

Includes severance pay and supplemental unemployment benefits.
 Cost per hour worked is \$0.01 or less.
 Less than .05 percent.

Table 3. Employer costs per hour worked for employee compensation and costs as a percent of total compensation: State and local government, by selected characteristics, 1 June 2002

Compensation	All wo	orkers	White collar	occupations	Service of	ccupations	Service i	ndustries
component	Cost	Percent	Cost	Percent	Cost	Percent	Cost	Percent
Total compensation	\$31.20	100.0	\$34.64	100.0	\$23.92	100.0	\$32.72	100.0
Wages and salaries	22.00	70.5	25.05	72.3	15.54	65.0	23.84	72.9
Total benefits	9.20	29.5	9.58	27.7	8.37	35.0	8.89	27.2
Paid leave	2.45	7.9	2.54	7.3	2.24	9.4	2.22	6.8
Vacation	.85	2.7	.80	2.3	.96	4.0	.62	1.9
Holiday	.80	2.6	.84	2.4	.71	3.0	.75	2.3
Sick	.61	2.0	.70	2.0	.41	1.7	.66	2.0
Other	.19	.6	.21	.6	.16	.7	.20	.6
Supplemental pay	.27	.9	.15	.4	.58	2.4	.18	.6
Premium <sup>2</sup>	.13	.4	.05	.1	.30	1.3	.06	.2
Shift differentials	.06	.2	.04	.1	.13	.5	.05	.2
Nonproduction bonuses	.08	.3	.07	.2	.15	.6	.06	.2
Insurance	2.85	9.1	3.01	8.7	2.39	10.0	2.85	8.7
Life	.06	.2	.06	.2	.04	.2	.06	.2
Health	2.72	8.7	2.89	8.3	2.24	9.4	2.74	8.4
Short-term disability	.04	.1	.02	.1	.09	.4	.02	.1
Long-term disability	.03	.1	.04	.1	.02	.1	.04	.1
Retirement and savings	1.72	5.5	1.85	5.3	1.58	6.6	1.70	5.2
Defined benefit	1.50	4.8	1.59	4.6	1.47	6.1	1.50	4.6
Defined contribution	.22	.7	.25	.7	.10	.4	.20	.6
Legally required benefits	1.84	5.9	1.96	5.7	1.53	6.4	1.86	5.7
Social Security <sup>3</sup>	1.45	4.6	1.65	4.8	.97	4.1	1.56	4.8
OASDI	1.12	3.6	1.27	3.7	.74	3.1	1.21	3.7
Medicare	.33	1.1	.37	1.1	.23	1.0	.35	1.1
Federal unemployment insurance	(4)	( <sup>5</sup> )	(4)	(5)	(4)	( <sup>5</sup> )	(4)	( <sup>5</sup> )
State unemployment insurance	.04	.1	.04	.1	.05	.2	.04	.1
Workers' compensation	.35	1.1	.27	.8	.52	2.2	.26	.8
Other benefits <sup>6</sup>	.06	.2	.07	.2	.06	.3	.07	.2

<sup>&</sup>lt;sup>1</sup> This table presents data for the two major occupational groups in State and local governments: White-collar occupations, largely professional occupations, including teachers; and service occupations, including police and firefighters; and one major industry group, services. The service industries, which include health and educational services, employ a large part of the State and local government workforce. and local government workforce.

<sup>2</sup> Includes premium pay for work in addition to the regular work schedule

<sup>(</sup>such as overtime, weekends, and holidays).

The total employer's cost for Social Security is comprised of an OASDI portion and a Medicare portion. OASDI is the acronym for Old-Age, Survivors, and Disability Insurance.
 Cost per hour worked is \$0.01 or less.
 Less than .05 percent.

<sup>6</sup> Includes severance pay and supplemental unemployment benefits.

Table 4. Employer costs per hour worked for employee compensation and costs as a percent of total compensation: State and local government, by occupational and industry group, June 2002

	<b>T</b>	,,,				Benefit co	osts		
Series	Total compen- sation	Wages and salaries	Total	Paid leave	Supple- mental pay	Insurance	Retirement and savings	Legally required benefits	Other benefits <sup>1</sup>
				Cost	per hour w	orked by yea	r		
State and local government workers	\$31.20	\$22.00	\$9.20	\$2.45	\$0.27	\$2.85	\$1.72	\$1.84	\$0.06
Occupational group			·		,				
. •									
White-collar occupations	34.64	25.05	9.58	2.54	.15	3.01	1.85	1.96	.07
Professional specialty and technical	40.42	30.09	10.33	2.50	.17	3.15	2.20	2.22	.09
Professional specialty	41.78	31.24	10.54	2.51	.14	3.24	2.28	2.27	.10
Teachers	44.37	33.69	10.69	2.35	.07	3.32	2.51	2.33	.11
Technical	26.57	18.33	8.24	2.40	.44	2.22	1.39	1.74	.05
Executive, administrative, and managerial	39.17	27.32	11.85	3.98	.17	3.31	2.13	2.23	.04
Administrative support, including clerical	20.34	13.51	6.82	1.84	.12	2.57	.98	1.27	.04
Blue-collar occupations	24.76	16.27	8.49	2.30	.40	2.76	1.27	1.72	.04
Service occupations	23.92	15.54	8.37	2.24	.58	2.39	1.58	1.53	.06
Industry group									
Services	32.72	23.84	8.89	2.22	.18	2.85	1.70	1.86	.07
Health services	26.17	17.58	8.59	2.61	.70	2.28	1.12	1.84	.04
Hospitals	26.17	18.18	8.76	2.69	.68	2.26	1.12	1.91	.04
Educational services	34.21	25.27	8.93	2.14	.10	2.92	1.82	1.87	.07
Elementary and secondary education	33.36	24.78	8.58	1.90	.08	3.05	1.68	1.77	.10
Higher education	37.07	27.21	9.86	2.77	.15	2.64	2.21	2.09	(2)
Public administration	28.79	19.12	9.67	2.85	.42	2.80	1.79	1.75	.06
				Perce	ent of total o	compensation	n		
State and local government workers	100.0	70.5	29.5	7.9	0.9	9.1	5.5	5.9	0.2
Occupational group									
									_
White-collar occupations	100.0	72.3	27.7	7.3	.4	8.7	5.3	5.7	.2
Professional specialty and technical	100.0	74.4	25.6	6.2	.4	7.8	5.4	5.5	.2
Professional specialty	100.0	74.8	25.2	6.0	.3	7.8	5.5	5.4	.2
Teachers	100.0	75.9	24.1	5.3	.2	7.5	5.7	5.3	.2
Technical	100.0	69.0	31.0	9.0	1.7	8.4	5.2	6.5	.2
Executive, administrative, and managerial Administrative support, including clerical	100.0 100.0	69.7 66.4	30.3 33.5	10.2 9.0	.4 .6	8.5 12.6	5.4 4.8	5.7 6.2	.1 .2
Blue-collar occupations	100.0	65.7	34.3	9.3	1.6	11.1	5.1	6.9	.2
Service occupations	100.0	65.0	35.0	9.4	2.4	10.0	6.6	6.4	.3
Industry group									
Sanvicas	100.0	72.9	27.2	6.8	6	8.7	5.2	5.7	2
Services Health services	100.0	67.2	32.8	10.0	.6 2.7	8.7	4.3	5.7 7.0	.2
			32.6 32.5	10.0	2.7		4.3	7.0 7.1	.1
Hospitals Educational services	100.0 100.0	67.5 73.9	32.5 26.1	6.3	2.5	8.4 8.5	5.3	7.1 5.5	.1
	100.0	74.3	25.7	5.7	.3	9.1	5.0	5.5 5.3	.3
Elementary and secondary education	100.0	74.3	25.7 26.6	5.7 7.5	.4	7.1	6.0	5.3 5.6	( <sup>3</sup> )
Higher education Public administration	100.0	66.4	33.6	9.9	1.5	9.7	6.2	6.1	.2
1 upilo autilitiiotiatioti	100.0	00.4	55.0	5.5	1.5	9.1	0.2	0.1	1 .2

Includes severance pay and supplemental unemployment benefits.
 Cost per hour worked is \$0.01 or less.
 Less than .05 percent.

Table 5. Employer costs per hour worked for employee compensation and costs as a percent of total compensation: Private industry workers, by major industry group, June 2002

Compensation component	All wo	orkers	Goods pr	roducing <sup>1</sup>	Service p	roducing <sup>2</sup>	Manufa	acturing	Nonmanu	ufacturing
	Cost	Percent	Cost	Percent	Cost	Percent	Cost	Percent	Cost	Percent
Total compensation	\$21.83	100.0	\$25.57	100.0	\$20.77	100.0	\$25.30	100.0	\$21.20	100.0
Wages and salaries	15.90	72.8	17.58	68.8	15.41	74.2	17.24	68.1	15.65	73.8
Total benefits	5.94	27.2	7.98	31.2	5.36	25.8	8.05	31.8	5.55	26.2
Paid leave	1.44	6.6	1.65	6.5	1.38	6.6	1.92	7.6	1.36	6.4
Vacation	.72	3.3	.85	3.3	.69	3.3	.97	3.8	.68	3.2
Holiday	.49	2.2	.59	2.3	.46	2.2	.70	2.8	.45	2.1
Sick	.17	.8	.13	.5	.18	.9	.15	.6	.17	.8
Other	.06	.3	.08	.3	.06	.3	.10	.4	.05	.2
Supplemental pay	.60	2.7	1.06	4.1	.47	2.3	1.11	4.4	.51	2.4
Premium <sup>3</sup>	.24	1.1	.54	2.1	.16	.8	.57	2.3	.18	.8
Shift differentials	.06	.3	.08	.3	.05	.2	.11	.4	.05	.2
Nonproduction bonuses	.30	1.4	.44	1.7	.26	1.3	.43	1.7	.28	1.3
Insurance	1.42	6.5	2.03	7.9	1.25	6.0	2.12	8.4	1.30	6.1
Life	.04	.2	.06	.2	.04	.2	.06	.2	.04	.2
Health	1.31	6.0	1.86	7.3	1.16	5.6	1.94	7.7	1.20	5.7
Short-term disability	.04	.2	.08	.3	.03	.1	.08	.3	.03	.1
Long-term disability	.03	.1	.03	.1	.03	.1	.04	.2	.03	.1
Retirement and savings	.62	2.8	.89	3.5	.55	2.6	.76	3.0	.60	2.8
Defined benefit	.22	1.0	.44	1.7	.16	.8	.31	1.2	.20	.9
Defined contribution	.40	1.8	.46	1.8	.39	1.9	.44	1.7	.40	1.9
Legally required benefits	1.82	8.3	2.29	9.0	1.69	8.1	2.07	8.2	1.77	8.3
Social Security <sup>4</sup>	1.32	6.0	1.50	5.9	1.28	6.2	1.48	5.8	1.30	6.1
OASDI	1.06	4.9	1.21	4.7	1.02	4.9	1.19	4.7	1.04	4.9
Medicare	.26	1.2	.29	1.1	.25	1.2	.29	1.1	.26	1.2
Federal unemployment insurance	.03	.1	.03	.1	.03	.1	.03	.1	.03	.1
State unemployment insurance	.10	.5	.12	.5	.09	.4	.11	.4	.09	.4
Workers' compensation	.37	1.7	.64	2.5	.29	1.4	.46	1.8	.35	1.7
Other benefits <sup>5</sup>	.03	.1	.06	.2	.02	.1	.08	.3	.02	.1

portion and a Medicare portion. OASDI is the acronym for Old-Age, Survivors, and Disability Insurance.

5 Includes severance pay and supplemental unemployment benefits.

 <sup>&</sup>lt;sup>1</sup> Includes mining, construction, and manufacturing.
 <sup>2</sup> Includes transportation, communication, and public utilities; wholesale and retail trade; finance, insurance, and real estate; and service industries.
 <sup>3</sup> Includes premium pay for work in addition to the regular work schedule (such as overtime, weekends, and holidays).
 <sup>4</sup> The total employer's cost for Social Security is comprised of an OASDI

Table 6. Employer costs per hour worked for employee compensation and costs as a percent of total compensation: Private industry workers, by major occupational group, June 2002

Compensation component	All wo	orkers	White	collar	Blue	collar	Service	
	Cost	Percent	Cost	Percent	Cost	Percent	Cost	Percent
Total compensation	\$21.83	100.0	\$26.60	100.0	\$20.40	100.0	\$10.99	100.0
Wages and salaries	15.90	72.8	19.62	73.8	14.17	69.5	8.45	76.9
Total benefits	5.94	27.2	6.98	26.2	6.23	30.5	2.54	23.1
Paid leave	1.44 .72 .49 .17	6.6 3.3 2.2 .8 .3	1.98 .99 .66 .24	7.4 3.7 2.5 .9	1.14 .58 .41 .10	5.6 2.8 2.0 .5	.46 .22 .15 .07	4.2 2.0 1.4 .6 .2
Supplemental pay	.60 .24 .06 .30	2.7 1.1 .3 1.4	.66 .13 .06 .47	2.5 .5 .2 1.8	.74 .51 .07 .16	3.6 2.5 .3 .8	.19 .09 .04 .06	1.7 .8 .4 .5
Insurance Life Health Short-term disability Long-term disability	1.42 .04 1.31 .04 .03	6.5 .2 6.0 .2 .1	1.60 .05 1.45 .05	6.0 .2 5.5 .2	1.62 .04 1.52 .05	7.9 .2 7.5 .2	.60 ( <sup>2</sup> ) .57 ( <sup>2</sup> ) ( <sup>2</sup> )	5.5 ( <sup>3</sup> ) 5.2 ( <sup>3</sup> ) ( <sup>3</sup> )
Retirement and savings  Defined benefit  Defined contribution	.62 .22 .40	2.8 1.0 1.8	.74 .17 .58	2.8 .6 2.2	.70 .40 .30	3.4 2.0 1.5	.16 .06 .10	1.5 .5 .9
Legally required benefits  Social Security <sup>4</sup> OASDI  Medicare  Federal unemployment insurance  State unemployment insurance  Workers' compensation	1.82 1.32 1.06 .26 .03 .10	8.3 6.0 4.9 1.2 .1 .5	1.95 1.59 1.27 .32 .03 .09	7.3 6.0 4.8 1.2 .1 .3	2.00 1.21 .98 .23 .03 .11	9.8 5.9 4.8 1.1 .1 .5	1.14 .76 .62 .14 .04 .08	10.4 6.9 5.6 1.3 .4 .7 2.4
Other benefits <sup>5</sup>	.03	.1	.03	.1	.03	.1	( <sup>2</sup> )	(3)

Includes premium pay for work in addition to the regular work schedule (such as overtime, weekends, and holidays).
 Cost per hour worked is \$0.01 or less.
 Less than .05 percent.
 The total employer's cost for Social Security is comprised of an

OASDI portion and a Medicare portion. OASDI is the acronym for Old-Age, Survivors, and Disability Insurance.

<sup>5</sup> Includes severance pay and supplemental unemployment benefits.

Table 7. Employer costs per hour worked for employee compensation and costs as a percent of total compensation: Private industry workers, by region and bargaining status, June 2002

				Reg	ion <sup>1</sup>					Bargaini	ng status	
Compensation component	Nort	neast	So	uth	Mid	west	W	est	Ur	ion	Non	union
	Cost	Percent	Cost	Percent	Cost	Percent	Cost	Percent	Cost	Percent	Cost	Percent
Total compensation	\$25.03	100.0	\$19.64	100.0	\$21.38	100.0	\$22.82	100.0	\$29.66	100.0	\$20.88	100.0
'					,							
Wages and salaries	17.97	71.8	14.47	73.7	15.38	71.9	16.78	73.5	19.47	65.6	15.46	74.0
Total benefits	7.06	28.2	5.17	26.3	6.00	28.1	6.05	26.5	10.19	34.4	5.42	26.0
Paid leave Vacation Holiday Sick Other	1.82 .91 .61 .22 .08	7.3 3.6 2.4 .9 .3	1.25 .63 .42 .15 .05	6.4 3.2 2.1 .8 .3	1.36 .68 .47 .14 .07	6.4 3.2 2.2 .7 .3	1.49 .74 .51 .19 .05	6.5 3.2 2.2 .8 .2	2.09 1.07 .68 .24 .10	7.0 3.6 2.3 .8 .3	1.36 .68 .47 .16 .06	6.5 3.3 2.3 .8 .3
Supplemental pay	.75 .22 .06 .47	3.0 .9 .2 1.9	.49 .22 .04 .23	2.5 1.1 .2 1.2	.72 .31 .08 .33	3.4 1.4 .4 1.5	.52 .24 .05 .23	2.3 1.1 .2 1.0	1.04 .67 .16 .21	3.5 2.3 .5 .7	.55 .19 .04 .31	2.6 .9 .2 1.5
Insurance	1.65 .05 1.52 .05 .03	6.6 .2 6.1 .2 .1	1.27 .04 1.16 .04 .03	6.5 .2 5.9 .2 .2	1.50 .04 1.38 .05 .03	7.0 .2 6.5 .2 .1	1.38 .04 1.29 .03	6.0 .2 5.7 .1 .1	2.84 .06 2.65 .08	9.6 .2 8.9 .3 .2	1.25 .04 1.15 .04	6.0 .2 5.5 .2 .1
Retirement and savings  Defined benefit  Defined contribution	.79 .27 .53	3.2 1.1 2.1	.51 .16 .35	2.6 .8 1.8	.62 .27 .35	2.9 1.3 1.6	.65 .22 .43	2.8 1.0 1.9	1.65 1.16 .49	5.6 3.9 1.7	.50 .11 .39	2.4 .5 1.9
Legally required benefits Social Security <sup>3</sup> OASDI Medicare Federal unemployment insurance State unemployment insurance Workers' compensation	2.00 1.47 1.17 .30 .03 .14	8.0 5.9 4.7 1.2 .1 .6 1.4	1.64 1.21 .98 .24 .03 .07	8.4 6.2 5.0 1.2 .2 .4 1.7	1.76 1.29 1.04 .25 .03 .09	8.2 6.0 4.9 1.2 .1 .4 1.6	1.99 1.40 1.12 .27 .03 .11	8.7 6.1 4.9 1.2 .1 .5 2.0	2.49 1.65 1.33 .32 .03 .13	8.4 5.6 4.5 1.1 .1 .4 2.3	1.74 1.28 1.03 .25 .03 .09	8.3 6.1 4.9 1.2 .1 .4 1.6
Other benefits <sup>4</sup>	.04	.2	.02	.1	.03	.1	.02	.1	.08	.3	.02	.1

<sup>&</sup>lt;sup>1</sup> The regional coverage is as follows: Northeast: Connecticut, Maine, Massachusetts, New Hampshire, New Jersey, New York, Pennsylvania, Rhode Island, and Vermont; South: Alabama, Arkansas, Delaware, District of Columbia, Florida, Georgia, Kentucky, Louisiana, Maryland, Mississippi, North Carolina, Oklahoma, South Carolina, Tennessee, Texas, Virginia, and West Virginia; Midwest: Illinois, Indiana, Iowa, Kansas, Michigan, Minnesota, Missouri, Nebraska, North Dakota, Ohio, South Dakota, and Wisconsin; and West: Alaska, Arizona, California, Colorado, Hawaii, Idaho, Montana, Nevada, New Mexico, Oregon, Utah, Washington, and Wyoming.

 $<sup>^2</sup>$  Includes premium pay for work in addition to the regular work schedule (such as overtime, weekends, and holidays).  $^3$  The total employer's cost for Social Security is comprised of an OASDI portion

<sup>&</sup>lt;sup>3</sup> The total employer's cost for Social Security is comprised of an OASDI portion and a Medicare portion. OASDI is the acronym for Old-Age, Survivors, and Disability Insurance

Insurance.

4 Includes severance pay and supplemental unemployment benefits.

Table 8. Employer costs per hour worked for employee compensation and costs as a percent of total compensation: Private industry workers, by establishment employment size, June 2002

Compensation	All wo	orkers	1-99 w	orkers	100 worke	ers or more	100-499	workers	500 worke	ers or more
component	Cost	Percent	Cost	Percent	Cost	Percent	Cost	Percent	Cost	Percent
Total compensation	\$21.83	100.0	\$18.59	100.0	\$25.73	100.0	\$22.36	100.0	\$29.88	100.0
Wages and salaries	15.90	72.8	13.95	75.0	18.23	70.9	16.10	72.0	20.85	69.8
Total benefits	5.94	27.2	4.64	25.0	7.50	29.1	6.25	28.0	9.03	30.2
Paid leave	1.44	6.6	1.05	5.6	1.91	7.4	1.49	6.7	2.43	8.1
Vacation	.72	3.3	.53	2.9	.96	3.7	.75	3.4	1.22	4.1
Holiday	.49	2.2	.37	2.0	.64	2.5	.51	2.3	.81	2.7
Sick	.17	.8	.13	.7	.22	.9	.16	.7	.29	1.0
Other	.06	.3	.04	.2	.09	.3	.07	.3	.12	.4
Supplemental pay	.60	2.7	.45	2.4	.78	3.0	.68	3.0	.92	3.1
Premium <sup>1</sup>	.24	1.1	.19	1.0	.31	1.2	.28	1.3	.35	1.2
Shift differentials	.06	.3	( <sup>2</sup> )	(3)	.11	.4	.07	.3	.16	.5
Nonproduction bonuses	.30	1.4	.25	1.3	.36	1.4	.32	1.4	.41	1.4
Insurance	1.42	6.5	1.05	5.6	1.87	7.3	1.57	7.0	2.23	7.5
Life	.04	.2	.03	.2	.06	.2	.04	.2	.07	.2
Health	1.31	6.0	.98	5.3	1.70	6.6	1.45	6.5	2.02	6.8
Short-term disability	.04	.2	.02	.1	.06	.2	.04	.2	.08	.3
Long-term disability	.03	.1	.02	.1	.05	.2	.03	.1	.06	.2
Retirement and savings	.62	2.8	.41	2.2	.88	3.4	.64	2.9	1.17	3.9
Defined benefit	.22	1.0	.12	.6	.34	1.3	.23	1.0	.47	1.6
Defined contribution	.40	1.8	.29	1.6	.54	2.1	.41	1.8	.70	2.3
Legally required benefits	1.82	8.3	1.66	8.9	2.01	7.8	1.84	8.2	2.21	7.4
Social Security <sup>4</sup>	1.32	6.0	1.16	6.2	1.53	5.9	1.34	6.0	1.75	5.9
OASDI	1.06	4.9	.93	5.0	1.23	4.8	1.08	4.8	1.40	4.7
Medicare	.26	1.2	.23	1.2	.30	1.2	.26	1.2	.35	1.2
Federal unemployment insurance	.03	.1	.03	.2	.03	.1	.03	.1	.03	.1
State unemployment insurance	.10	.5	.09	.5	.10	.4	.11	.5	.09	.3
Workers' compensation	.37	1.7	.38	2.0	.35	1.4	.36	1.6	.34	1.1
Other benefits <sup>5</sup>	.03	.1	(2)	(3)	.05	.2	.03	.1	.08	.3

Includes premium pay for work in addition to the regular work schedule (such as overtime, weekends, and holidays).
 Cost per hour worked is \$0.01 or less.
 Less than .05 percent.
 The total employer's cost for Social Security is comprised of an OASDI

portion and a Medicare portion. OASDI is the acronym for Old-Age, Survivors, and Disability Insurance.

5 Includes severance pay and supplemental unemployment benefits.

Table 9. Employer costs per hour worked for employee compensation and costs as a percent of total compensation: Private industry workers, by major occupational and industry group, and full-time and part-time status, June 2002

		l				Benefit c	osts		
Series	Total compen- sation	Wages and salaries	Total	Paid leave	Supple- mental pay	Insurance	Retirement and savings	Legally required benefits	Other benefits <sup>1</sup>
				Cost	per hour w	orked by yea	ır		
All full-time workers in private industry	\$24.76	\$17.74	\$7.01	\$1.76	\$0.73	\$1.73	\$0.77	\$1.99	\$0.03
White-collar occupations		21.69	8.09	2.37	.78	1.89	.89	2.11	.04
Sales	. 22.40	17.12	5.28	1.28	.49	1.33	.43	1.73	.02
Administrative support, including clerical		13.81	5.54	1.40	.42	1.70	.55	1.44	.03
Blue-collar occupations		14.85	6.69	1.24	.81	1.77	.76	2.08	.03
Service occupations	13.14	9.65	3.49	.73	.27	.97	.27	1.25	(2)
Goods-producing industries <sup>3</sup>	25.91	17.78	8.13	1.69	1.09	2.08	.91	2.31	.06
Construction	25.81	18.19	7.62	.91	.97	1.70	1.23	2.80	(2)
Manufacturing		17.46	8.22	1.96	1.14	2.17	.77	2.09	.08
Service-producing industries <sup>4</sup>		17.73	6.58	1.79	.59	1.60	.71	1.87	.02
Transportation and public utilities		21.82	9.92	2.42	1.11	2.54	1.30	2.49	.05
Wholesale trade		17.82	7.07	1.63	.83	1.88	.66	2.02	.04
Retail trade		11.97	3.48	.77	.24	.87	.22	1.39	(2)
Finance, insurance, and real estate		21.56	9.15	2.33	1.32	2.14	1.23	2.05	.08
Services	24.75	18.30	6.45	1.97	.40	1.51	.68	1.87	(2)
All part-time workers in private industry	12.15	9.78	2.37	.39	.18	.40	.15	1.24	(2)
White-collar occupations	15.07	12.10	2.96	.59	.25	.54	.20	1.38	(2)
Sales	9.23	7.61	1.62	.23	.10	.21	.10	.99	(2)
Administrative support, including clerical		10.70	2.70	.55	.18	.61	.19	1.17	(2)
Blue-collar occupations		9.04	2.73	.36	.21	.53	.24	1.40	(2)
Service occupations	8.58	7.11	1.47	.15	.09	.18	.04	1.00	(2)
Goods-producing industries <sup>3</sup>	13.56	10.82	2.74	.39	.16	.30	.28	1.61	(2)
Service-producing industries <sup>4</sup>	12.11	9.75	2.36	.39	.18	.41	.15	1.23	(2)
Retail trade		7.00	1.48	.16	.08	.20	.07	.96	(2)
Service industries	15.39	12.43	2.96	.58	.27	.50	.16	1.44	(2)
				Perce	ent of total	compensatio	n		
All full-time workers in private industry	100.0	71.6	28.3	7.1	2.9	7.0	3.1	8.0	0.1
White-collar occupations		72.8	27.2	8.0	2.6	6.3	3.0	7.1	.1
Sales		76.4	23.6	5.7	2.2	5.9	1.9	7.7	1 .1
Administrative support, including clerical		71.4	28.6	7.2	2.2	8.8	2.8	7.4	.2
Blue-collar occupations		68.9	31.0	5.8	3.8	8.2	3.5	9.7	.1
Service occupations		73.4	26.6	5.6	2.1	7.4	2.1	9.5	(5)
Goods-producing industries <sup>3</sup>	100.0	68.6	31.4	6.5	4.2	8.0	3.5	8.9	.2
Construction		70.5	29.5	3.5	3.8	6.6	4.8	10.8	(5)
Manufacturing		68.0	32.0	7.6	4.4	8.5	3.0	8.1	.3
Service-producing industries <sup>4</sup>	100.0	72.9	27.1	7.4	2.4	6.6	2.9	7.7	.1
Transportation and public utilities		68.8	31.3	7.6	3.5	8.0	4.1	7.8	.2
Wholesale trade		71.6	28.4	6.5	3.3	7.6	2.7	8.1	.2
Retail trade		77.4	22.5	5.0	1.6	5.6	1.4	9.0	(5)
Finance, insurance, and real estate	100.0	70.2	29.8	7.6	4.3	7.0	4.0	6.7	` .3
Services	100.0	73.9	26.1	8.0	1.6	6.1	2.7	7.6	(5)
All part-time workers in private industry		80.5	19.5	3.2	1 5	22	10	10.2	(5)
White-collar occupations		80.3	19.5	3.2	1.5 1.7	3.3 3.6	1.2 1.3	9.2	(5)
Sales		82.4	17.6	2.5	1.7	2.3	1.3	9.2 10.7	(5)
Administrative support, including clerical		79.9	20.1	4.1	1.1	4.6	1.4	8.7	(5)
Blue-collar occupations		76.8	23.2	3.1	1.8	4.5	2.0	11.9	(5)
Service occupations		82.9	17.1	1.7	1.0	2.1	.5	11.7	(5)
Goods-producing industries <sup>3</sup>	100.0	79.8	20.2	2.9	1.2	2.2	2.1	11 Ω	(5)
Service-producing industries <sup>4</sup>	100.0	79.8 80.5	19.5	3.2	1.2	3.4	1.2	11.9 10.2	(5)
Retail trade		82.5	17.5	1.9	.9	2.4	.8	11.3	(5)
Service industries	100.0	80.8	19.2	3.8	1.8	3.2	1.0	9.4	(5)
	. 100.0	1 00.0	1 13.4	J J.O	1.0	J.Z	1.0	J.4	

Includes severance pay and supplemental unemployment benefits.
 Cost per hour worked is \$0.01 or less.
 Includes mining, construction, and manufacturing.
 Includes transportation, communication, and public utilities; wholesale and

Table 10. Employer costs per hour worked for employee compensation and costs as a percent of total compensation: Private industry workers, by occupational and industry group, June 2002

	Total	Magas				Benefit co	osts		
Series	Total compen- sation	Wages and salaries	Total	Paid leave	Supple- mental pay	Insurance	Retirement and savings	Legally required benefits	Other benefits <sup>1</sup>
				Cost	per hour w	orked by yea	ır		
All workers in private industry	\$21.83	\$15.90	\$5.94	\$1.44	\$0.60	\$1.42	\$0.62	\$1.82	\$0.03
Occupational group									
		40.00							
White-collar occupations  Professional specialty and technical	26.60 36.00	19.62 26.56	6.98 9.44	1.98 2.95	.66 .76	1.60 2.00	.74 1.10	1.95 2.58	.03
Professional specialty	39.05	28.99	10.06	3.29	.79	2.00	1.16	2.76	.05
Technical	29.01	20.98	8.03	2.17	.71	1.99	.96	2.18	.02
Executive, administrative, and managerial	43.10	31.22	11.88	3.64	1.63	2.26	1.39	2.90	.07
Sales	16.97	13.20	3.77	.85	.33	.87	.29	1.42	(2)
Administrative support, including clerical	18.16	13.19	4.97	1.23	.37	1.49	.48	1.39	.02
Blue-collar occupations	20.40	14.17	6.23	1.14	.74	1.62	.70	2.00	.03
Precision production, craft, and repair	26.29	18.35	7.94	1.54	.88	1.94	1.04	2.49	.04
Machine operators, assemblers, and inspectors	18.68	12.51	6.17	1.21	.97	1.73	.51	1.71	.05
Transportation and material moving	20.10	13.89	6.21	1.01	.66	1.63	.75	2.13	.03
Handlers, equipment cleaners, helpers, and laborers	14.52	10.42	4.10	.64	.43	1.11	.38	1.53	(2)
Service occupations	10.99	8.45	2.54	.46	.19	.60	.16	1.14	(2)
Industry group									
Goods-producing industries <sup>3</sup>	25.57	17.58	7.98	1.65	1.06	2.03	.89	2.29	.06
Construction	25.58	18.06	7.51	.89	.95	1.66	1.21	2.78	(2)
Manufacturing Durables	25.30 26.46	17.24 17.91	8.05 8.56	1.92 2.04	1.11 1.19	2.12 2.26	.76 .79	2.07 2.17	.08
Nondurables	23.59	16.27	7.31	1.73	.98	1.91	.72	1.94	.04
Service-producing industries <sup>4</sup>	20.77	15.41	5.36	1.38	.47	1.25	.55	1.69	.02
Transportation and public utilities	29.88	20.57	9.31	2.21	.99	2.41	1.21	2.43	.05
Wholesale trade	23.94	17.18	6.75	1.53	.79	1.78	.63	1.98	.04
Retail trade	11.99	9.50	2.49	.47	.16	.54	.15	1.18	(2)
Finance, insurance, and real estate  Services	28.77 22.28	20.32 16.75	8.45 5.53	2.13 1.61	1.20	1.97 1.25	1.12 .54	1.96 1.76	(2)
Colvides	22.20	10.75	0.00					1.70	( )
	400.0	<b></b>				compensatio			
All workers in private industry	100.0	72.8	27.2	6.6	2.7	6.5	2.8	8.3	0.1
Occupational group									
White-collar occupations	100.0	73.8	26.2	7.4	2.5	6.0	2.8	7.3	.1
Professional specialty and technical	100.0	73.8	26.2	8.2	2.1	5.6	3.1	7.2	.1
Professional specialty Technical	100.0 100.0	74.2 72.3	25.8 27.7	8.4 7.5	2.0 2.4	5.1 6.9	3.0 3.3	7.1 7.5	.1
Executive, administrative, and managerial	100.0	72.3	27.7	8.4	3.8	5.2	3.2	6.7	.2
Sales	100.0	77.8	22.2	5.0	1.9	5.1	1.7	8.4	(5)
Administrative support, including clerical	100.0	72.6	27.4	6.8	2.0	8.2	2.6	7.7	.1
Blue-collar occupations	100.0	69.5	30.5	5.6	3.6	7.9	3.4	9.8	.1
Precision production, craft, and repair	100.0	69.8	30.2	5.9	3.3	7.4	4.0	9.5	.2
Machine operators, assemblers, and inspectors	100.0	67.0	33.0	6.5	5.2	9.3	2.7	9.2	.3
Transportation and material moving  Handlers, equipment cleaners, helpers, and laborers	100.0 100.0	69.1 71.8	30.9 28.2	5.0 4.4	3.3	8.1 7.6	3.7 2.6	10.6 10.5	(5)
Service occupations	100.0	76.9	23.1	4.2	1.7	5.5	1.5	10.3	(5)
Industry group	100.0	70.9	20.1	7.2	1.7	0.5	1.5	10.4	
	400.0	20.5	04.5					2.2	_
Goods-producing industries <sup>3</sup>	100.0	68.8	31.2	6.5	4.1	7.9	3.5	9.0	(5)
Construction	100.0 100.0	70.6 68.1	29.4 31.8	3.5 7.6	3.7 4.4	6.5 8.4	4.7 3.0	10.9 8.2	.3
Durables	100.0	67.7	32.4	7.7	4.4	8.5	3.0	8.2	4
Nondurables	100.0	69.0	31.0	7.3	4.2	8.1	3.1	8.2	.2
Service-producing industries <sup>4</sup>	100.0	74.2	25.8	6.6	2.3	6.0	2.6	8.1	.1
Transportation and public utilities	100.0	68.8	31.2	7.4	3.3	8.1	4.0	8.1	.2
Wholesale trade	100.0	71.8	28.2	6.4	3.3	7.4	2.6	8.3	.2 ( <sup>5</sup> )
Retail trade	100.0	79.2	20.8	3.9	1.3	4.5	1.3	9.8	(,)
Finance, insurance, and real estate Services	100.0 100.0	70.6 75.2	29.4 24.8	7.4 7.2	4.2 1.7	6.8 5.6	3.9 2.4	6.8 7.9	(5)
OO1 VIOCO	100.0	13.2	24.0	1.2	'.'	J.6	2.4	1.9	( )

Includes severance pay and supplemental unemployment benefits.
 Cost per hour worked is \$0.01 or less.
 Includes mining, construction, and manufacturing.
 Includes transportation, communication, and public utilities; wholesale and

Table 11. Employer costs per hour worked for employee compensation and costs as a percent of total compensation: Private industry goods-producing and service-producing workers, by occupational group, June 2002

	T-4-1	10/	Benefit costs									
Series	Total compen- sation	Wages and salaries	Total	Paid leave	Supple- mental pay	Insurance	Retirement and savings	Legally required benefits	Other benefits <sup>1</sup>			
	Cost per hour worked by year											
All workers, goods-producing industries <sup>2</sup>	\$25.57	\$17.58	\$7.98	\$1.65	\$1.06	\$2.03	\$0.89	\$2.29	\$0.06			
White-collar occupations	34.54	24.35	10.18	2.81	1.32	2.41	1.05	2.50	.10			
Professional specialty and technical	38.50	26.95	11.55	3.50	1.04	2.82	1.28	2.74	.17			
Professional specialty	43.72	30.86	12.86	4.12	.99	2.90	1.55	3.06	.25			
_ Technical	30.03	20.61	9.41	2.50	1.13	2.69	.85	2.21	.04			
Executive, administrative, and managerial	47.30	33.17	14.13	3.81	2.80	2.65	1.41	3.39	.07			
Administrative support, including clerical	20.95	14.59	6.36	1.53	.66	1.97	.57	1.59	.03			
Blue-collar occupations	22.39	15.19	7.20	1.24	.96	1.90	.84	2.22	.04			
Precision production, craft, and repair	27.10	18.63	8.48	1.41	.96	2.11	1.21	2.74	.05			
Machine operators, assemblers, and inspectors	20.19	13.24	6.95	1.37	1.13	1.98	.60	1.82	.06			
Transportation and material moving	23.99	15.91	8.08	1.19	1.15	2.13	.99	2.56	.04			
Handlers, equipment cleaners, helpers, and laborers	16.03	11.34	4.69	.65	.56	1.22	.48	1.77	(3)			
Service occupations	18.90	12.36	6.54	1.14	1.70	1.66	.43	1.57	.05			
All workers, service-producing industries <sup>4</sup>	20.77	15.41	5.36	1.38	.47	1.25	.55	1.69	.02			
White-collar occupations	25.56	19.00	6.56	1.88	.58	1.49	.70	1.88	.02			
Professional specialty and technical	35.57	26.49	9.08	2.86	.72	1.86	1.07	2.55	.02			
Professional specialty	38.35	28.71	9.64	3.17	.76	1.87	1.10	2.71	.03			
Technical	28.78	21.06	7.72	2.10	.62	1.83	.99	2.17	.02			
Executive, administrative, and managerial	42.14	30.77	11.37	3.60	1.36	2.17	1.38	2.78	.08			
Sales	16.43	12.76	3.66	.82	.33	.84	.28	1.39	(3)			
Administrative support, including clerical	17.80	13.00	4.79	1.19	.33	1.42	.46	1.36	.02			
Blue-collar occupations	18.27	13.08	5.19	1.03	.52	1.33	.54	1.76	.02			
Precision production, craft, and repair	25.06	17.93	7.13	1.73	.77	1.69	.79	2.13	.02			
Transportation and material moving	19.04	13.34	5.70	.96	.52	1.49	.69	2.02	.03			
Handlers, equipment cleaners, helpers, and laborers	13.61	9.87	3.74	.63	.35	1.04	.32	1.39	(3)			
Service occupations	10.88	8.40	2.48	.45	.16	.58	.16	1.13	(3)			
	Percent of total compensation											
All workers, goods-producing industries <sup>2</sup>	100.0	68.8	31.2	6.5	4.1	7.9	3.5	9.0	0.2			
White-collar occupations	100.0	70.5	29.5	8.1	3.8	7.0	3.0	7.2	.3			
Professional specialty and technical	100.0	70.0	30.0	9.1	2.7	7.3	3.3	7.1	.4			
Professional specialty	100.0	70.6	29.4	9.4	2.3	6.6	3.5	7.0	.6			
Technical	100.0	68.6	31.3	8.3	3.8	9.0	2.8	7.4	.1			
Executive, administrative, and managerial	100.0	70.1	29.9	8.1	5.9	5.6	3.0	7.2	.1			
Administrative support, including clerical	100.0	69.6	30.4	7.3	3.2	9.4	2.7	7.6	.1			
Blue-collar occupations	100.0	67.8	32.2	5.5	4.3	8.5	3.8	9.9	.2			
Precision production, craft, and repair	100.0	68.7	31.3	5.2	3.5	7.8	4.5	10.1	.2			
Machine operators, assemblers, and inspectors	100.0	65.6	34.4	6.8	5.6	9.8	3.0	9.0	.3			
Transportation and material moving	100.0	66.3	33.7	5.0	4.8	8.9	4.1	10.7	2			
Handlers, equipment cleaners, helpers, and laborers	100.0	70.7	29.3	4.1	3.5	7.6	3.0	11.0	(5)			
Service occupations	100.0	65.4	34.6	6.0	9.0	8.8	2.3	8.3	.3			
All workers, service-producing industries <sup>4</sup>	100.0	74.2	25.8	6.6	2.3	6.0	2.6	8.1	.1			
White-collar occupations	100.0	74.3	25.7	7.4	2.3	5.8	2.7	7.4	.1			
Professional specialty and technical	100.0	74.5	25.5	8.0	2.0	5.2	3.0	7.2	.1			
Professional specialty	100.0	74.9	25.1	8.3	2.0	4.9	2.9	7.1	.1			
Technical	100.0	73.2	26.8	7.3	2.2	6.4	3.4	7.5	.1			
Executive, administrative, and managerial	100.0	73.0	27.0	8.5	3.2	5.1	3.3	6.6				
Sales Administrative support, including clerical	100.0 100.0	77.7 73.0	22.3 26.9	5.0 6.7	2.0 1.9	5.1 8.0	1.7 2.6	8.5 7.6	( <sup>5</sup> )			
•												
Blue-collar occupations	100.0	71.6	28.4	5.6	2.8	7.3	3.0	9.6	.1			
Precision production, craft, and repair	100.0 100.0	71.5 70.1	28.5 29.9	6.9 5.0	3.1 2.7	6.7 7.8	3.2 3.6	8.5 10.6	.1			
Transportation and material moving  Handlers, equipment cleaners, helpers, and laborers	100.0	70.1	29.9 27.5	4.6	2.7	7.8	2.4	10.6 10.2	(5)			
, i i	1		1	1	l -	1	1	_	1 ` ′			
Service occupations	100.0	77.2	22.8	4.1	1.5	5.3	1.5	10.4	(5)			

Includes severance pay and supplemental unemployment benefits.
 Includes mining, construction, and manufacturing.
 Cost per hour worked is \$0.01 or less.
 Includes transportation, communication, and public utilities; wholesale and

Table 12. Employer costs per hour worked for employee compensation and costs as a percent of total compensation: Private industry manufacturing and nonmanufacturing workers, by occupational group, June 2002

	T-4-1	14/	Benefit costs								
Series	Total compen- sation	Wages and salaries	Total	Paid leave	Supple- mental pay	Insurance	Retirement and savings	Legally required benefits	Other benefits <sup>1</sup>		
	Cost per hour worked by year										
All workers, manufacturing industries	\$25.30	\$17.24	\$8.05	\$1.92	\$1.11	\$2.12	\$0.76	\$2.07	\$0.08		
White-collar occupations	35.05	24.74	10.32	3.01	1.17	2.49	1.05	2.46	.12		
Professional specialty and technical	38.96	27.23	11.72	3.62	1.04	2.82	1.29	2.75	.19		
Professional specialty	43.31	30.60	12.71	4.13	.95	2.85	1.48	3.04	.26		
Technical	30.89	21.00	9.89	2.69	1.22	2.78	.95	2.21	.04		
Executive, administrative, and managerial  Administrative support, including clerical	49.66 21.14	35.33 14.55	14.32 6.59	4.38 1.62	2.39 .69	2.77 2.08	1.40 .57	3.29 1.60	.10		
Blue-collar occupations	21.12	14.04	7.07	1.45	1.06	1.96	.63	1.91	.06		
Precision production, craft, and repair	26.43	17.68	8.75	1.97	1.23	2.27	.85	2.34	.08		
Machine operators, assemblers, and inspectors	20.14	13.19	6.95	1.38	1.13	1.99	.60	1.80	.06		
Transportation and material moving	21.47	14.41	7.06	1.33	1.01	1.86	.60	2.18	.08		
Handlers, equipment cleaners, helpers, and laborers	15.51	10.73	4.78	.85	.59	1.42	.40	1.50	(2)		
Service occupations	19.95	12.79	7.17	1.28	1.92	1.86	.49	1.57	.06		
All workers, nonmanufacturing industries	21.20	15.65	5.55	1.36	.51	1.30	.60	1.77	.02		
White-collar occupations	25.75	19.10	6.64	1.88	.61	1.51	.71	1.90	.03		
Professional specialty and technical	35.56 38.46	26.46 28.77	9.10 9.69	2.85 3.18	.72 .76	1.88 1.89	1.07 1.12	2.56 2.72	.02		
Professional specialty Technical	28.68	20.77	7.71	2.08	.62	1.85	.97	2.72	.03		
Executive, administrative, and managerial	42.16	30.63	11.53	3.53	1.52	2.19	1.38	2.84	.07		
Sales	16.52	12.84	3.67	.82	.33	.85	.28	1.40	(2)		
Administrative support, including clerical	17.86	13.05	4.81	1.19	.34	1.43	.47	1.37	` .02		
Blue-collar occupations	20.03	14.24	5.79	.98	.58	1.44	.73	2.05	.02		
Precision production, craft, and repair	26.24	18.59	7.65	1.38	.76	1.83	1.11	2.55	.02		
Transportation and material moving	19.91	13.82	6.09	.96	.61	1.60	.77	2.13	.02		
Handlers, equipment cleaners, helpers, and laborers	14.25	10.34	3.91	.58	.39	1.02	.37	1.54	(2)		
Service occupations	10.88	8.40	2.48	.45	.16	.58	.16	1.13	(2)		
	Percent of total compensation										
All workers, manufacturing industries	100.0	68.1	31.8	7.6	4.4	8.4	3.0	8.2	0.3		
White-collar occupations	100.0	70.6	29.4	8.6	3.3	7.1	3.0	7.0	.3		
Professional specialty and technical	100.0	69.9	30.1	9.3	2.7	7.2	3.3	7.1	.5		
Professional specialty	100.0	70.7	29.3	9.5	2.2	6.6	3.4	7.0	.6		
Technical	100.0	68.0	32.0	8.7	3.9	9.0	3.1	7.2	.1		
Executive, administrative, and managerial  Administrative support, including clerical	100.0 100.0	71.1 68.8	28.8 31.2	8.8 7.7	4.8 3.3	5.6 9.8	2.8 2.7	6.6 7.6	.2		
	100.0	66.5	33.5	6.9	5.0	9.3	3.0	9.0	,		
Blue-collar occupations  Precision production, craft, and repair	100.0	66.5 66.9	33.1	7.5	4.7	8.6	3.0	8.9	.3		
Machine operators, assemblers, and inspectors	100.0	65.5	34.5	6.9	5.6	9.9	3.0	8.9	.3		
Transportation and material moving	100.0	67.1	32.9	6.2	4.7	8.7	2.8	10.2	.4		
Handlers, equipment cleaners, helpers, and laborers	100.0	69.2	30.8	5.5	3.8	9.2	2.6	9.7	(3)		
Service occupations	100.0	64.1	35.9	6.4	9.6	9.3	2.5	7.9	.3		
All workers, nonmanufacturing industries	100.0	73.8	26.2	6.4	2.4	6.1	2.8	8.3	.1		
White-collar occupations	100.0	74.2	25.8	7.3	2.4	5.9	2.8	7.4	.1		
Professional specialty and technical	100.0	74.4	25.6	8.0	2.0	5.3	3.0	7.2	.1		
Professional specialty	100.0	74.8	25.2	8.3	2.0	4.9	2.9	7.1	.1		
Technical	100.0	73.1	26.9	7.3	2.2	6.5	3.4	7.6	.1		
Executive, administrative, and managerial Sales	100.0 100.0	72.7 77.7	27.3 22.2	8.4 5.0	3.6 2.0	5.2 5.1	3.3 1.7	6.7 8.5	(3)		
Administrative support, including clerical	100.0	73.1	26.9	6.7	1.9	8.0	2.6	7.7	.1		
Blue-collar occupations	100.0	71.1	28.9	4.9	2.9	7.2	3.6	10.2	.1		
Precision production, craft, and repair	100.0	70.8	29.2	5.3	2.9	7.0	4.2	9.7	.1		
Transportation and material moving Handlers, equipment cleaners, helpers, and laborers	100.0 100.0	69.4 72.6	30.6 27.4	4.8 4.1	3.1 2.7	8.0 7.2	3.9 2.6	10.7 10.8	(3)		
Service occupations											
	100.0	77.2	22.8	4.1	1.5	5.3	1.5	10.4	(3)		

Includes severance pay and supplemental unemployment benefits.
 Cost per hour worked is \$0.01 or less.
 Less than .05 percent.

Table 13. Employer costs per hour worked for employee compensation and costs as a percent of total compensation: Private industry workers, by bargaining status, and major industry and occupational group, June 2002

	Total	\\\/				Benefit co	osts				
Series	compen- sation	Wages and salaries	Total	Paid leave	Supple- mental pay	Insurance	Retirement and savings	Legally required benefits	Other benefits <sup>1</sup>		
	Cost per hour worked by year										
All union workers, private industry	\$29.66	\$19.47	\$10.19	\$2.09	\$1.04	\$2.84	\$1.65	\$2.49	\$0.08		
	29.85	19.03	10.81	1.98	1.20	2.99	1.87	2.67	.10		
Goods-producing industries <sup>2</sup>	31.47	19.88	11.60	1.98	1.57	3.14	2.00	2.79	.12		
	28.33	19.18	9.16	2.17	.65	2.63	1.40	2.27	.04		
Manufacturing	28.21	17.96	10.25	2.28	1.61	2.81	1.05	2.34	.16		
	27.70	17.49	10.21	2.24	1.63	2.79	1.04	2.34	.16		
	30.27	20.10	10.17	2.01	.80	2.85	1.90	2.55	.04		
All nonunion workers, private industry	20.88	15.46	5.42	1.36	.55	1.25	.50	1.74	.02		
	17.69	12.78	4.91	.89	.61	1.23	.36	1.81	( <sup>4</sup> )		
Goods-producing industries <sup>2</sup>	24.03	16.99	7.04	1.57	.93	1.74	.60	2.16	.04		
	20.11	15.09	5.03	1.31	.46	1.13	.47	1.64	.02		
Manufacturing	24.54	17.06	7.48	1.82	.98	1.94	.68	2.01	.05		
	18.67	12.76	5.91	1.15	.85	1.65	.48	1.76	.02		
	20.30	15.21	5.10	1.29	.48	1.14	.47	1.70	.02		
				Perce	ent of total of	compensation	n				
All union workers, private industry  Blue-collar occupations	100.0	65.6	34.4	7.0	3.5	9.6	5.6	8.4	0.3		
	100.0	63.8	36.2	6.6	4.0	10.0	6.3	8.9	.3		
Goods-producing industries <sup>2</sup>	100.0	63.2	36.9	6.3	5.0	10.0	6.4	8.9	.4		
	100.0	67.7	32.3	7.7	2.3	9.3	4.9	8.0	.1		
Manufacturing	100.0	63.7	36.3	8.1	5.7	10.0	3.7	8.3	.6		
	100.0	63.1	36.9	8.1	5.9	10.1	3.8	8.4	.6		
	100.0	66.4	33.6	6.6	2.6	9.4	6.3	8.4	.1		
All nonunion workers, private industry	100.0	74.0	26.0	6.5	2.6	6.0	2.4	8.3	.1		
	100.0	72.2	27.8	5.0	3.4	7.0	2.0	10.2	( <sup>5</sup> )		
Goods-producing industries <sup>2</sup>	100.0	70.7	29.3	6.5	3.9	7.2	2.5	9.0	.2		
	100.0	75.0	25.0	6.5	2.3	5.6	2.3	8.2	.1		
Manufacturing Blue-collar occupations Nonmanufacturing	100.0	69.5	30.5	7.4	4.0	7.9	2.8	8.2	.2		
	100.0	68.3	31.7	6.2	4.6	8.8	2.6	9.4	.1		
	100.0	74.9	25.1	6.4	2.4	5.6	2.3	8.4	.1		

Includes severance pay and supplemental unemployment benefits.
 Includes mining, construction, and manufacturing.
 Includes transportation, communication, and public utilities; wholesale and retail trade; finance, insurance, and real estate; and service industries.

Cost per hour worked is \$0.01 or less.
 Less than .05 percent.

Table 14. Employer costs per hour worked for employee compensation and costs as a percent of total compensation: Private industry workers, by establishment employment size, and major industry and occupational group, June 2002

Industry and occupational group, and employment size	Total	Wosse	Benefit costs								
	Total compen- sation	Wages and salaries	Total	Paid leave	Supple- mental pay	Insurance	Retirement and savings	Legally required benefits	Other benefits <sup>1</sup>		
	Cost per hour worked by year										
All workers in private industry	\$21.83	\$15.90	\$5.94	\$1.44	\$0.60	\$1.42	\$0.62	\$1.82	\$0.03		
1-99 workers		13.95	4.64	1.05	.45	1.05	.41	1.66	(2)		
100 or more workers		18.23	7.50	1.91	.78	1.87	.88	2.01	.05		
100-499 workers 500 or more workers	22.36 29.88	16.10 20.85	6.25 9.03	1.49 2.43	.68 .92	1.57 2.23	.64 1.17	1.84 2.21	.03 .08		
Goods-producing industries <sup>3</sup>	25.57	17.58	7.98	1.65	1.06	2.03	.89	2.29	.06		
1-99 workers		15.52	6.29	1.01	.79	1.54	.65	2.28	(2)		
100 or more workers	28.60	19.25	9.35	2.17	1.27	2.42	1.09	2.30	.10		
100-499 workers		16.52	7.88	1.56	1.19	2.13	.86	2.11	.03		
500 or more workers	33.32	22.32	11.00	2.85	1.37	2.76	1.34	2.51	.16		
Service-producing industries <sup>4</sup>		15.41	5.36	1.38	.47	1.25	.55	1.69	.02		
1-99 workers 100 or more workers		13.60 17.86	4.27 6.81	1.06 1.81	.37 .60	.95 1.66	.36 .80	1.53 1.90	.03		
100-499 workers	-	15.96	5.68	1.46	.50	1.38	.56	1.75	.03		
500 or more workers	28.52	20.27	8.25	2.26	.73	2.02	1.10	2.09	.05		
White-collar occupations		19.62	6.98	1.98	.66	1.60	.74	1.95	.03		
1-99 workers		17.11	5.52	1.52	.53	1.24	.50	1.72	(2)		
100 or more workers		22.23	8.51	2.46	.81	1.98	1.00	2.20	.06		
100-499 workers 500 or more workers		19.66 24.96	7.07 10.03	1.97 2.98	.69 .94	1.67 2.31	.73 1.29	1.99 2.42	.04 .09		
Blue-collar occupations	20.40	14.17	6.23	1.14	.74	1.62	.70	2.00	.03		
1-99 workers		13.35	5.16	.85	.56	1.27	.50	1.97	(2)		
100 or more workers		15.20	7.55	1.49	.97	2.06	.94	2.04	.06		
100-499 workers		13.90	6.43	1.15	.82	1.79	.73	1.92	.02		
500 or more workers	26.48	17.20	9.29	2.01	1.20	2.48	1.27	2.22	.10		
				Perce	ent of total of	compensation	n				
All workers in private industry	100.0	72.8	27.2	6.6	2.7	6.5	2.8	8.3	0.1		
1-99 workers		75.0	25.0	5.6	2.4	5.6	2.2	8.9	(5)		
100 or more workers		70.9	29.1	7.4	3.0	7.3	3.4	7.8	.2		
100-499 workers500 or more workers		72.0 69.8	28.0 30.2	6.7 8.1	3.0 3.1	7.0 7.5	2.9 3.9	8.2 7.4	.1		
Goods-producing industries <sup>3</sup>	100.0	68.8	31.2	6.5	4.1	7.9	3.5	9.0	.2		
1-99 workers		71.2	28.8	4.6	3.6	7.1	3.0	10.5	(5)		
100 or more workers	100.0	67.3	32.7	7.6	4.4	8.5	3.8	8.0	.3		
100-499 workers		67.7	32.3	6.4	4.9	8.7	3.5	8.6	.1		
500 or more workers	100.0	67.0	33.0	8.6	4.1	8.3	4.0	7.5	.5		
Service-producing industries <sup>4</sup>		74.2	25.8	6.6	2.3	6.0	2.6	8.1	(5)		
1-99 workers 100 or more workers		76.1 72.4	23.9 27.6	5.9 7.3	2.1 2.4	5.3 6.7	2.0 3.2	8.6 7.7	.1		
100-499 workers		73.8	26.2	6.7	2.4	6.4	2.6	8.1	.1		
500 or more workers		71.1	28.9	7.9	2.6	7.1	3.9	7.3	.2		
White-collar occupations	100.0	73.8	26.2	7.4	2.5	6.0	2.8	7.3	1		
1-99 workers		75.6	24.4	6.7	2.3	5.5	2.2	7.6	(5)		
100 or more workers		72.3	27.7	8.0	2.6	6.4	3.3	7.2	.2		
100-499 workers 500 or more workers		73.6 71.3	26.4 28.7	7.4 8.5	2.6 2.7	6.2 6.6	2.7 3.7	7.4 6.9	.1		
Blue-collar occupations	100.0	69.5	30.5	5.6	3.6	7.9	3.4	9.8	1		
1-99 workers		72.1	27.9	4.6	3.0	6.9	2.7	10.6	(5)		
100 or more workers		66.8	33.2	6.5	4.3	9.1	4.1	9.0	.3		
100-499 workers		68.4	31.6	5.7	4.0	8.8	3.6	9.4	.1		
500 or more workers	100.0	65.0	35.1	7.6	4.5	9.4	4.8	8.4	.4		

Includes severance pay and supplemental unemployment benefits.
 Cost per hour worked is \$0.01 or less.
 Includes mining, construction, and manufacturing.
 Includes transportation, communication, and public utilities; wholesale and

Table 15. Employer costs per hour worked for employee compensation and costs as a percent of total compensation: Private industry health services workers, by industry and occupational group, June 2002

Series	Total	\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\	Benefit costs								
	compen- sation	Wages and salaries	Total	Paid leave	Supple- mental pay	Insurance	Retirement and savings	Legally required benefits	Other benefits		
				Cost	per hour w	orked by yea	ır				
Health services	\$24.81	\$18.15	\$6.66	\$2.08	\$0.48	\$1.55	\$0.67	\$1.86	(2)		
Professional specialty and technical	35.53	26.03	9.50	3.35	.79	1.86	.95	2.53	(2)		
Professional specialty	42.99	31.51	11.48	4.42	.89	2.03	1.23	2.90	02		
Nurses	33.57	24.11	9.46	2.86	1.10	1.90	.96	2.63	(2)		
Technical	23.80	17.42	6.37	1.67	.63	1.60	.51	1.96	(2)		
Administrative support, including clerical	16.39	11.96	4.43	1.06	.22	1.39	.48	1.27	(2)		
	13.68	9.94	3.74	.81	.29	1.12	.29	1.22	(2)		
Service occupations	13.00	9.94	3.74	.01	.29	1.12	.29	1.22	(-)		
Hospitals	27.36	19.33	8.03	2.30	.78	2.07	.79	2.07	.02		
Professional specialty and technical	33.53	23.93	9.61	2.88	1.12	2.13	.94	2.52	.02		
Professional specialty	37.09	26.60	10.48	3.25	1.21	2.16	1.09	2.75	.02		
Nurses	35.98	25.64	10.34	3.18	1.32	2.09	1.03	2.71	.02		
Technical	24.96	17.47	7.49	1.98	.89	2.04	.59	1.96	.02		
Administrative support, including clerical	18.29	12.46	5.83	1.42	.36	2.09	.60	1.34	(2)		
Service occupations	15.91	10.73	5.18	1.10	.42	1.93	.40	1.31	(2)		
Nursing homes	16.27	12.04	4.23	1.09	.39	1.00	.22	1.52	(2)		
Professional specialty and technical	23.90	17.85	6.05	1.62	.69	1.18	.35	2.21	(2)		
Professional specialty	27.35	20.31	7.04	1.99	.69	1.42	.45	2.49	(2)		
Technical	21.04	15.82	5.22	1.31	.69	.98	.27	1.97	(2)		
Service occupations	12.37	9.04	3.33	.75	.32	.89	.16	1.20	(2)		
	Percent of total compensation										
Joseph convisoes	100.0	73.2	26.8	8.4	1.9	6.2	2.7	7.5	(3)		
Health services		-		-	-			7.5	(3)		
Professional specialty and technical	100.0	73.3	26.7	9.4 10.3	2.2 2.1	5.2	2.7	7.1	(3)		
Professional specialty	100.0	73.3	26.7			4.7	2.9	6.7 7.8	(3)		
Nurses	100.0	71.8	28.2	8.5	3.3	5.7	2.9		(3)		
Technical	100.0	73.2	26.8	7.0	2.6	6.7	2.1	8.2	(3)		
Administrative support, including clerical	100.0	73.0	27.0	6.5	1.3	8.5	2.9	7.7	(3)		
Service occupations	100.0	72.7	27.3	5.9	2.1	8.2	2.1	8.9	(3)		
Hospitals	100.0	70.7	29.3	8.4	2.9	7.6	2.9	7.6	.1		
Professional specialty and technical	100.0	71.4	28.7	8.6	3.3	6.4	2.8	7.5	.1		
Professional specialty	100.0	71.7	28.3	8.8	3.3	5.8	2.9	7.4	1 .1		
Nurses	100.0	71.3	28.7	8.8	3.7	5.8	2.9	7.5	1 .1		
Technical	100.0	70.0	30.0	7.9	3.6	8.2	2.4	7.9	1 .1		
Administrative support, including clerical	100.0	68.1	31.9	7.8	2.0	11.4	3.3	7.3	(3)		
Service occupations	100.0	67.4	32.6	6.9	2.6	12.1	2.5	8.2	(3)		
Nursing homes	100.0	74.0	26.0	6.7	2.4	6.1	1.4	9.3	(3)		
Professional specialty and technical	100.0	74.0	25.3	6.8	2.4	4.9	1.4	9.3 9.2	(3)		
' '		l .					_		(3)		
Professional specialty  Technical	100.0 100.0	74.3 75.2	25.7 24.8	7.3 6.2	2.5 3.3	5.2 4.7	1.6 1.3	9.1 9.4	(3)		
									(3)		
Service occupations	100.0	73.1	26.9	6.1	2.6	7.2	1.3	9.7	(3)		

Includes severance pay and supplemental unemployment benefits.
 Cost per hour worked is \$0.01 or less.
 Less than .05 percent.

Table 16. Employer costs per hour worked for employee compensation and costs as a percent of total compensation: Private industry transportation equipment manufacturing and public utilities workers, by industry and occupational group, June 2002

Series	<b>T</b>		Benefit costs									
	Total compen- sation	Wages and salaries	Total	Paid leave	Supple- mental pay	Insurance	Retirement and savings	Legally required benefits	Other benefits <sup>1</sup>			
	Cost per hour worked by year											
Transportation equipment manufacturing (SIC 37)	\$34.86	\$22.82	\$12.04	\$2.97	\$1.97	\$2.99	\$1.03	\$2.83	\$0.24			
	46.04	32.16	13.88	4.50	1.33	3.25	1.33	3.28	.18			
Professional specialty and technical  Executive, administrative, and managerial  Blue-collar occupations  Service occupations	46.98	32.41	14.57	4.90	1.11	3.58	1.32	3.46	.20			
	59.63	43.66	15.97	5.39	2.13	2.85	1.59	3.81	.20			
	29.39	18.24	11.15	2.21	2.30	2.87	.88	2.62	.27			
	27.10	16.95	10.15	2.51	1.43	2.82	.92	2.24	.24			
Aircraft manufacturing (SIC 3721)  White-collar occupations  Blue-collar occupations	41.98	27.90	14.08	3.83	1.78	3.58	1.46	3.20	.22			
	45.15	30.68	14.47	4.37	1.27	3.68	1.60	3.33	.23			
	37.02	23.59	13.44	2.98	2.60	3.39	1.23	3.03	.21			
Public utilities (SIC's 48, 49)  White-collar occupations  Blue-collar occupations	34.41	23.10	11.31	3.23	1.48	2.88	1.17	2.43	.12			
	34.72	23.62	11.10	3.17	1.52	2.80	1.06	2.40	.14			
	34.45	22.55	11.90	3.41	1.45	3.08	1.39	2.50	.08			
Communications (SIC 48)	33.54	22.89	10.66	3.15	1.37	2.74	.96	2.33	.11			
	33.49	23.13	10.36	3.02	1.37	2.62	.93	2.30	.12			
	33.85	22.38	11.47	3.51	1.37	3.06	1.03	2.40	.10			
Electric, gas, and sanitary services (SIC 49)  White-collar occupations  Blue-collar occupations	36.05	23.51	12.54	3.38	1.70	3.14	1.58	2.62	.13			
	38.19	25.00	13.19	3.59	1.94	3.32	1.44	2.69	.21			
	35.11	22.73	12.38	3.30	1.54	3.10	1.79	2.60	.05			
				Perce	ent of total o	compensation	nsation					
Transportation equipment manufacturing (SIC 37) White-collar occupations	100.0 100.0 100.0 100.0 100.0 100.0	65.5 69.9 69.0 73.2 62.1 62.5	34.5 30.1 31.0 26.8 37.9 37.5	8.5 9.8 10.4 9.0 7.5 9.3	5.7 2.9 2.4 3.6 7.8 5.3	8.6 7.1 7.6 4.8 9.8 10.4	3.0 2.9 2.8 2.7 3.0 3.4	8.1 7.1 7.4 6.4 8.9 8.3	0.7 .4 .4 .3 .9			
Aircraft manufacturing (SIC 3721) White-collar occupations Blue-collar occupations	100.0	66.5	33.5	9.1	4.2	8.5	3.5	7.6	.5			
	100.0	68.0	32.0	9.7	2.8	8.2	3.5	7.4	.5			
	100.0	63.7	36.3	8.0	7.0	9.2	3.3	8.2	.6			
Public utilities (SIC's 48, 49)	100.0	67.1	32.9	9.4	4.3	8.4	3.4	7.1	.3			
	100.0	68.0	32.0	9.1	4.4	8.1	3.1	6.9	.4			
	100.0	65.5	34.5	9.9	4.2	8.9	4.0	7.3	.2			
Communications (SIC 48)	100.0	68.2	31.8	9.4	4.1	8.2	2.9	6.9	.3			
	100.0	69.1	30.9	9.0	4.1	7.8	2.8	6.9	.4			
	100.0	66.1	33.9	10.4	4.0	9.0	3.0	7.1	.3			
Electric, gas, and sanitary services (SIC 49)  White-collar occupations  Blue-collar occupations	100.0	65.2	34.8	9.4	4.7	8.7	4.4	7.3	.4			
	100.0	65.5	34.5	9.4	5.1	8.7	3.8	7.0	.5			
	100.0	64.7	35.3	9.4	4.4	8.8	5.1	7.4	.1			

<sup>&</sup>lt;sup>1</sup> Includes severance pay and supplemental unemployment benefits.

#### **EXPLANATORY NOTES**

Employer Costs for Employee Compensation (ECEC) measures the average cost per employee hour worked that employers pay for wages and salaries and benefits.

Wages and salaries are defined as the hourly straight-time wage rate or, for workers not paid on an hourly basis, straight-time earnings divided by the corresponding hours. Straight-time wage and salary rates are total earnings before payroll deductions and include production bonuses, incentive earnings, commission payments, and cost-of-living adjustments. Not included in straight-time earnings are nonproduction bonuses such as lump-sum payments provided in lieu of wage increases, shift differentials, and premium pay for overtime and for work on weekends and holidays; these payments are included in the benefits component.

Benefits include: Paid leave--vacations, holidays, sick leave, and other leave; supplemental pay--premium pay for work in addition to the regular work schedule (such as overtime, weekends, and holidays), shift differentials, and nonproduction bonuses (such as referral bonuses and lump-sum payments provided in lieu of wage increases); insurance benefits--life, health, short-term disability, and long-term disability; retirement and savings benefits--defined benefit and defined contribution plans; legally required benefits--social security, medicare, Federal and State unemployment insurance, and workers' compensation; and other benefits--severance pay and supplemental unemployment plans.

# The June 2002 Survey

The June 2002 Employer Costs for Employee Compensation includes data from both private industry and State and local government. Not included are the self-employed and farm, household, and Federal government workers. The reference period is the payroll period that includes June 12.

The publication schedule for the Employer Costs for Employee Compensation has changed. Publications will be issued on a quarterly basis, with data collected for the pay period including the 12<sup>th</sup> day of the survey months of March, June, September, and December. Publications will be issued approximately three months after the month of reference. The tables included in the quarterly news release are unchanged from the annual format and also will be available on the Internet. Data are available on a quarterly basis beginning with June 2002 data. Information may be obtained by calling (202) 691-6199, visiting the Internet site (http://www.bls.gov/ncs/ect/home.htm), or by e-mail request (ocltinfo@bls.gov).

The cost levels in this release are based on a probability sample of about 29,400 occupations within approximately 7,100 sample establishments in private industry and about 3,750 occupations within approximately 800 sample establishments in State and local government. Sample establishments are classified by industry categories based on the 1987 Standard Industrial Classification (SIC) system, as defined by the U.S. Office of Management and Budget. Within a sample establishment, specific job categories are selected to represent broader major occupational groups such as professional specialty and technical occupations.

Current employment weights are used to calculate cost levels. The June 2002 cost levels were calculated using the June 2002 employment counts from the Bureau of Labor Statistics Current Employment Statistics (CES) program, benchmarked to the 2001 universe of all private nonfarm establishments. In most instances, private industry employment counts were total employment estimates for 2-digit major industry groups, such as primary metal manufacturing or food stores, as defined by the SIC system. In a few cases, 3- and 4-digit industry employment counts were used. These include the 4-digit aircraft manufacturing industry (3721) and the 3-digit health care and educational industries. For more information on SIC coding, see "BLS Establishment Estimates Revised to Incorporate March 2001 Benchmarks" in the June 2002 issue of Employment and Earnings.

For State and local governments, employment counts ranged from those for 3-digit industries, such as education and health care, to those for major industry divisions, such as public administration.

Employment data from these 2-, 3-, and 4-digit industries were distributed to major occupational groups (such as executives, administrators, and managers or machine operators, assemblers, and inspectors) using the relative importance of the groups in the Employment Cost Index (ECI) sample. Because the ECI establishment sample is completely replaced over a period of several years, major occupational group employment counts from the ECI are affected by the age of the sample. However, a few years' difference in the age of the occupational data within industries is likely to have a small impact on the estimates.

In contrast, the ECI, which measures the change in employer costs for employee compensation, is calculated with fixed 1990 employment counts to prevent employment shifts among occupations and industries from influencing the changes. Therefore, year-to-year changes in Employer Costs for Employee Compensation will differ from those in the ECI.

Historical data and related articles on the ECEC are included in the bulletin, <a href="Employee Costs for Employee Compensation"><u>Employee Compensation</u></a>, 1986-99 (Bulletin 2508). An historical summary from 1986 through 2002 is also available on the Internet site (<a href="http://www.bls.gov/ncs/ect/home.htm"><u>http://www.bls.gov/ncs/ect/home.htm</u></a>) or upon request. Information on how costs are calculated appears in "Measuring Trends in the Structure and Levels of Employer Costs for Employee Compensation," <a href="Compensation and Working Conditions"><u>Compensation and Working Conditions</u></a>, Summer 1997. An article on changes in employer compensation costs, "Tracking Changes in Benefit Costs," appears in <a href="Compensation and Working Conditions"><u>Compensation and Working Conditions</u></a>, Spring 1999.

#### **Relative Standard Errors**

Because the ECEC is a sample survey, it is subject to sampling errors. Sampling errors are differences that occur between the results computed from a sample of observations and those computed from all observations in the population. The estimates derived from different samples selected using the same sample design may differ from one another. A measure of the variation among these differing estimates is the standard error. It can be used to measure the precision with which an estimate from a particular sample approximates the expected result of all possible samples. The chances are about 68 out of 100 that an estimate from the survey differs from a complete population figure by less than the standard error. The chances are about 90 out of 100 that this difference would be less than 1.6 times the standard error. All the statements of comparisons appearing in this publication are significant at a 1.6 standard error level or better, unless otherwise indicated. This means that for differences cited, the estimated difference is greater than 1.6 times the standard error of the difference.

The relative standard error (RSE) is shown with the cost estimates for some series in the appendix table. The RSE for all estimates will be available shortly after the release is issued. This information can be obtained directly from the BLS Internet site (<a href="http://www.bls.gov/ncs/ect/home.htm">http://www.bls.gov/ncs/ect/home.htm</a>), by e-mail request (ocltinfo@bls.gov), or by telephone (202) 691-6199.

For a more detailed explanation of relative standard errors, see "Measuring Trends in the Structure and Levels of Employer Costs for Employee Compensation," <u>Compensation and Working Conditions</u>, Summer 1997. For a detailed explanation of how to use standard error data to analyze differences in year-to-year changes, see "Analyzing Year-to-Year Changes in Employer Costs for Employee Compensation," <u>Compensation and Working Conditions</u>, Spring 1998. This article supplements an article from the Summer 1997 issue of <u>Compensation and Working Conditions</u>, "Explaining the Differential Growth Rates of the ECI and ECEC," which examined how differences in the construction of these measures contribute to differing trends.

Standard errors relate to differences that occur from sampling errors, but not from nonsampling errors. Nonsampling errors are not measured and include survey nonresponse and data collection and processing errors. Survey nonresponse occurs when sample members are unwilling or unable to participate in the survey. Data collection errors include inaccurate data by respondents and definitional difficulties. Processing errors include errors in recording, coding, and entering data. Although nonsampling errors are not measured, BLS quality assurance programs contain procedures for reducing such errors. These procedures include data collection reinterviews, observed interviews, computer data edits, and systematic review of reports on which data are recorded. Extensive field economist training also is conducted to maintain high data collection standards.

# Comparing private and public sector data

Aggregate compensation cost levels in State and local government should not be directly compared with those in private industry. Differences between these sectors stem from factors such as variation in work activities and occupational structures. Manufacturing and sales, for example, make up a large part of private industry work activities, but are rare in State and local government. White-collar occupations (largely professional occupations including teachers) account for two-thirds of the State and local government workforce, compared with one-half of private industry.

A detailed examination of differences in compensation levels and trends between private industry and State and local government may be found in "Cost of Employee Compensation in Public and Private Sectors," Monthly Labor Review, May 1993, and "Compensation Cost Trends in Private Industry and State and Local Governments," Compensation and Working Conditions, Fall 1999.

# Obtaining information

Articles, bulletins, and other information may be obtained by calling (202) 691-6199, sending an e-mail message to <u>octtinfo@bls.gov</u>, or visiting the Internet site (<a href="http://www.bls.gov/ncs/ect/home.htm">http://www.bls.gov/ncs/ect/home.htm</a>). Information in this release will be made available to sensory impaired individuals upon request. Voice phone: (202) 691-5200; Federal Relay Service Number: 1-800-877-8339.

Appendix. Employer costs per hour worked for components of compensation, and relative standard errors, 1 by major industry and occupation categories, June 2002

Industry or occupation category	Total	\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\	Benefit costs								
	compen- sation	Wages and salaries	Total	Paid leave	Supple- mental pay	Insurance	Retirement and savings	Legally required benefits	Other benefits <sup>2</sup>		
Ot dies werkers											
Civilian workers  Cost per hour worked by year	\$23.20	\$16.78	\$6.41	\$1.59	\$0.55	\$1.63	\$0.78	\$1.82	\$0.03		
Relative error	1 '	1.3	1.4	2.5	3.8	1.3	2.5	1.1	9.6		
State and local government workers											
Cost per hour worked by year	\$31.20	\$22.00	\$9.20	\$2.45	\$.27	\$2.85	\$1.72	\$1.84	\$.06		
Relative error	. 1.3	1.2	1.7	1.9	6.9	2.1	3.4	2.1	25.5		
Private industry workers											
Cost per hour worked by year	. \$21.83	\$15.90	\$5.94	\$1.44	\$.60	\$1.42	\$.62	\$1.82	\$.03		
Relative error	. 1.6	1.6	1.7	3.2	4.0	1.6	3.3	1.2	9.1		
Goods-producing industries <sup>3</sup>											
Cost per hour worked by year	\$25.57	\$17.58	\$7.98	\$1.65	\$1.06	\$2.03	\$.89	\$2.29	\$.06		
Relative error		1.5	2.5	3.0	5.8	2.7	4.9	1.6	16.0		
Service-producing industries <sup>4</sup>											
Cost per hour worked by year	\$20.77	\$15.41	\$5.36	\$1.38	\$.47	\$1.25	\$.55	\$1.69	\$.02		
Relative error	1.9	1.9	2.0	3.9	4.9	1.9	4.0	1.4	10.5		
Manufacturing											
Cost per hour worked by year	\$25.30	\$17.24	\$8.05	\$1.92	\$1.11	\$2.12	\$.76	\$2.07	\$.08		
Relative error	2.0	1.9	2.6	3.3	6.5	2.9	5.4	1.7	17.0		
Nonmanufacturing											
Cost per hour worked by year	\$21.20	\$15.65	\$5.55	\$1.36	\$.51	\$1.30	\$.60	\$1.77	\$.02		
Relative error	. 1.8	1.8	1.9	3.7	5.1	1.9	3.8	1.3	11.2		
White-collar workers											
Cost per hour worked by year	\$26.60	\$19.62	\$6.98	\$1.98	\$.66	\$1.60	\$.74	\$1.95	\$.03		
Relative error	2.0	2.1	1.9	3.5	6.5	1.6	3.3	1.6	9.3		
Blue-collar workers											
Cost per hour worked by year		\$14.17	\$6.23	\$1.14	\$.74	\$1.62	\$.70	\$2.00	\$.03		
Relative error	1.5	1.3	2.2	2.9	2.6	2.7	4.9	1.5	17.6		
Service workers											
Cost per hour worked by year	\$10.99	\$8.45	\$2.54	\$.46	\$.19	\$.60	\$.16	\$1.14	(5)		
Relative error	. 2.4	2.1	4.0	6.2	9.7	6.0	11.1	1.6	(6)		

<sup>&</sup>lt;sup>1</sup> The relative error is the standard error expressed as a percent of the cost. One can be 90-percent confident that the interval around the cost estimate bounded by 1.6 times plus and 1.6 times minus the standard error contains the "true" cost.

2 Includes severance pay and supplemental unemployment benefits.

Includes severalize pay this supplications and manufacturing.

Includes mining, construction, and manufacturing.

Includes transportation, communication, and public utilities; wholesale and

retail trade; finance, insurance, and real estate; and service industries.

<sup>5</sup> Cost per hour worked is \$0.01 or less.

<sup>6</sup> Relative error is suppressed because cost per hour worked is \$0.01 or