

News

United States
Department
of Labor



Bureau of Labor Statistics

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TRANSMISSION OF MATERIAL IN
THIS RELEASE IS EMBARGOED
UNTIL 8:30 A.M. (EDT),
TUESDAY, JULY 24, 1990

EMPLOYMENT COST INDEX - JUNE 1990

The Employment Cost Index (ECI) increased 5.4 percent in the year ended in June 1990, the U.S. Department of Labor's Bureau of Labor Statistics reported today. The June 1990 index was 105.4, based on June 1989=100. For the 3 months ended in June 1990, the index rose 1.1 percent. The ECI measures changes in compensation costs--wages, salaries, and employer costs for employee benefits. The index is not seasonally adjusted.

The 5.4 percent compensation increase for the year ended in June 1990 was higher than the 4.8 percent gain in the same period a year ago. This pattern held for both state and local government workers (6.5 percent, up from 5.8 percent a year ago) and private industry workers (5.2 percent, up from 4.5 percent).

Both major components of compensation costs (wages and salaries and benefits) rose more rapidly during June 1989-90 than in the preceding year. Wages and salaries for private industry workers, for example, increased 4.5 percent for the year ended in June 1990, up from 4.1 percent a year ago; the corresponding rise for benefit costs was 6.9 percent, up from 5.6 percent. While the acceleration in wage and salary gains reflects the April 1, 1990, increase in the Federal minimum wage (from \$3.35 an hour to \$3.80), the impact of that increase on overall wage and salary gains appears to be small. The following table shows over-the-year changes in private industry compensation costs since March 1988.

12-month percent changes in the ECI, private industry workers

	12-months ended	Compensation costs	Wages and salaries	Benefit costs
1988	March	3.8	3.3	5.9
	June	4.5	3.8	6.4
	Sept.	4.4	3.7	6.8
	Dec.	4.8	4.1	6.9
1989	March	4.6	4.2	5.4
	June	4.5	4.1	5.6
	Sept.	4.8	4.3	6.0
	Dec.	4.8	4.1	6.1
1990	March	5.2	4.2	7.2
	June	5.2	4.5	6.9

Wage and salary increases in private industry for the year ended in June 1990 were higher for white-collar occupations (4.9 percent) than for blue-collar occupations (3.8 percent). Pay gains for white-collar occupational groups ranged from 4.7 percent for clerical workers to 5.3 percent for sales workers. The range of increases for blue-collar workers was from 3.1 percent for transportation and material moving occupations to 4.4 percent for laborers.

Over-the-year pay gains were higher for workers in service-producing industries than in goods-producing industries (4.6 percent compared with 4.2 percent). Within the service-producing industries, wage and salary increases ranged from 2.3 percent in transportation to 6.3 percent in health services. Pay gains among the goods-producing industries ranged from 2.9 percent in construction to 4.8 percent in nondurables manufacturing.

Wage and salary increases for nonunion workers (4.8 percent) exceeded those for union workers (3.3 percent) for the year ended in June 1990, as they have since March 1983-84. This pattern held in both goods-producing and service-producing industries. (See table 7.)

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* This release includes, for the first time, indexes and percent      *
* changes in wages and salaries and in compensation costs for three   *
* major occupational groups in state and local governments and the    *
* civilian economy: Professional specialty and technical; executive,   *
* administrative, and managerial; and administrative support including *
* clerical. This release also introduces measures of change in        *
* benefit costs for state and local government and civilian workers.   *
* These new series complete additions stemming from an ECI sample     *
* expansion that began in 1985, as part of a Bureau of Labor Statis- *
* tics effort to improve information on the service-producing         *
* industries in the economy.                                           *
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ECI data for September 1990 will be released on Thursday, October 25, 1990, at 8:30 A.M. E.D.T.

Changes in wages and salaries and benefit costs, private industry, 1980-1990

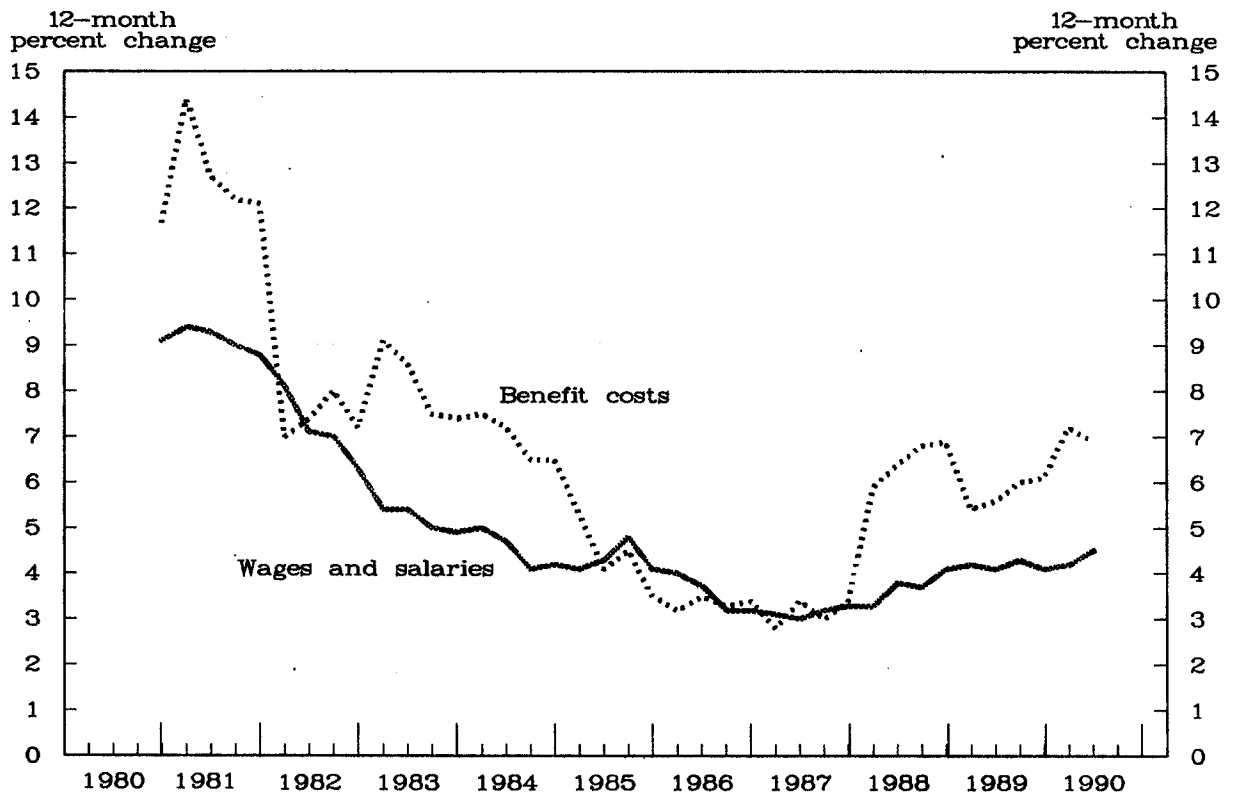


Table 1. COMPENSATION: Employment Cost Index for total compensation, civilian and state and local government workers, by industry and occupational group
(Not seasonally adjusted)

Series	Indexes (June 1989=100)		Percent Changes for						
	June 1989	Mar. 1990	June 1990	3 Months Ended			12 Months Ended		
				June 1989	Mar. 1990	June 1990	June 1989	Mar. 1990	June 1990
Civilian workers	100.0	104.3	105.4	1.1	1.7	1.1	4.8	5.5	5.4
Workers, by occupational group									
White-collar occupations	100.0	104.6	105.8	1.0	1.7	1.1	5.3	5.7	5.8
Professional specialty and technical	100.0	105.5	106.3	-	1.7	.8	-	-	6.3
Executive, administrative, and managerial	100.0	104.0	105.4	-	2.1	1.3	-	-	5.4
Administrative support, including clerical	100.0	104.4	105.4	-	1.9	1.0	-	-	5.4
Blue-collar occupations	100.0	103.6	104.8	1.2	1.6	1.2	3.7	4.9	4.8
Service occupations	100.0	104.2	105.1	.8	1.4	.9	4.8	5.0	5.1
Workers, by industry division									
Goods-producing 1/	100.0	103.9	105.2	1.1	1.8	1.3	3.6	5.1	5.2
Manufacturing	100.0	104.0	105.3	1.1	2.0	1.3	4.0	5.3	5.3
Service-producing 2/	100.0	104.4	105.5	1.0	1.5	1.1	5.4	5.5	5.5
Services	100.0	105.5	106.6	.8	1.7	1.0	6.0	6.4	6.6
Health services	100.0	105.9	107.1	1.1	1.9	1.1	6.2	7.1	7.1
Hospitals	100.0	105.6	106.7	1.3	1.8	1.0	6.5	7.0	6.7
Educational services	100.0	106.0	106.6	.5	1.1	.6	-	6.5	6.6
Public administration	100.0	105.1	105.5	.8	1.8	.4	4.4	5.9	5.5
Nonmanufacturing	100.0	104.3	105.5	1.0	1.5	1.2	5.0	5.4	5.5
State and local government workers	100.0	105.8	106.5	.6	1.4	.7	5.8	6.4	6.5
Workers, by occupational group									
White-collar occupations	100.0	106.1	106.7	.5	1.4	.6	6.0	6.6	6.7
Professional specialty and technical	100.0	106.4	107.0	-	1.6	.6	-	-	7.0
Executive, administrative, and managerial	100.0	105.7	106.4	-	1.5	.7	-	-	6.4
Administrative support, including clerical	100.0	105.4	106.0	-	1.4	.6	-	-	6.0
Blue-collar occupations	100.0	105.5	106.3	.7	1.7	.8	4.8	6.2	6.3
Workers, by industry division									
Services	100.0	106.1	106.8	.5	1.3	.7	6.4	6.6	6.8
Excluding schools 3/	100.0	105.4	106.4	.9	2.1	.9	5.5	6.4	6.4
Health services	100.0	106.2	106.9	1.2	1.9	.7	5.9	7.5	6.9
Hospitals	100.0	106.0	107.0	1.4	1.4	.9	5.5	7.5	7.0
Educational services	100.0	106.2	106.8	.5	1.2	.5	6.7	6.8	6.9
Schools	100.0	106.4	106.9	.4	1.0	.5	6.7	6.8	6.9
Elementary and secondary	100.0	106.5	107.1	.4	.9	.6	6.6	6.9	7.1
Colleges and universities	100.0	106.1	106.3	.4	1.3	.2	-	6.5	6.3
Public administration	100.0	105.1	105.5	.8	1.8	.4	4.4	5.9	5.5

- Data not available.

NOTE: See footnotes at end of table 7.

Table 2. WAGES AND SALARIES: Employment Cost Index for wages and salaries only, civilian and state and local government workers, by industry and occupational group (Not seasonally adjusted)

Series	Indexes (June 1989=100)			Percent Changes for					
				3 Months Ended			12 Months Ended		
	June 1989	Mar. 1990	June 1990	June 1989	Mar. 1990	June 1990	June 1989	Mar. 1990	June 1990
Civilian workers	100.0	103.6	104.7	0.8	1.2	1.1	4.3	4.4	4.7
Workers, by occupational group									
White-collar occupations	100.0	104.1	105.2	.8	1.3	1.1	4.7	4.9	5.2
Professional specialty and technical	100.0	104.8	105.5	-	1.5	.7	-	-	5.5
Executive, administrative, and managerial	100.0	103.6	104.7	-	1.8	1.4	-	-	4.7
Administrative support, including clerical	100.0	103.7	104.7	1.0	1.3	1.0	3.3	3.8	3.9
Blue-collar occupations	100.0	102.8	103.9	1.0	1.1	1.1	4.0	4.0	4.2
Service occupations	100.0	103.4	104.2		.9	.8			
Workers, by industry division									
Goods-producing 1/	100.0	103.1	104.2	1.0	1.2	1.1	3.2	4.1	4.2
Manufacturing	100.0	103.3	104.5	1.0	1.4	1.2	3.3	4.3	4.5
Service-producing 2/	100.0	103.8	104.9	.8	1.1	1.1	4.8	4.6	4.9
Services	100.0	104.8	105.9	.6	1.5	1.0	5.4	5.4	5.9
Health services	100.0	105.3	106.2	1.0	1.7	1.9	5.9	6.4	6.2
Hospitals	100.0	105.0	106.0	1.1	1.4	1.0	6.0	5.2	5.8
Educational services	100.0	105.4	105.8	.5	1.0	.4	-	5.9	5.8
Public administration	100.0	104.3	104.6	.6	1.5	.3	3.7	4.9	4.6
Nonmanufacturing	100.0	103.7	104.8	.8	1.1	1.1	4.6	4.5	4.8
State and local government workers	100.0	105.1	105.7	.5	1.2	.6	5.0	5.6	5.7
Workers, by occupational group									
White-collar occupations	100.0	105.5	106.0	.4	1.2	.5	5.3	5.9	6.0
Professional specialty and technical	100.0	105.8	106.3	-	1.3	.5	-	-	6.3
Executive, administrative, and managerial	100.0	104.9	105.7	-	1.2	.8	-	-	5.7
Administrative support, including clerical	100.0	104.4	104.8	-	1.4	.4	-	-	4.8
Blue-collar occupations	100.0	104.3	105.3	.5	1.0	1.0	4.1	4.8	5.3
Workers, by industry division									
Services	100.0	105.5	106.0	.4	1.2	.5	5.4	5.9	6.0
Excluding schools 3/	100.0	105.4	106.4	.9	2.3	.9	4.7	6.4	6.4
Health services	100.0	105.5	106.1	1.1	1.7	.6	5.9	6.7	6.1
Hospitals	100.0	105.0	105.9	1.3	1.2	.9	5.5	6.4	5.9
Educational services	100.0	105.5	106.0	.4	1.0	.5	-	5.9	6.0
Schools	100.0	105.5	105.9	.3	.8	.4	5.7	5.8	5.9
Elementary and secondary	100.0	105.5	105.9	.3	.6	.4	5.8	5.8	5.9
Colleges and universities	100.0	105.6	105.9	.4	1.4	.3	-	6.0	5.9
Public administration	100.0	104.3	104.6	.6	1.5	.3	3.7	4.9	4.6

- Data not available.

NOTE: See footnotes at end of table 7.

Table 3. COMPENSATION; Employment Cost Index for total compensation, private industry workers, by industry and occupational group
(Not seasonally adjusted)

Series	Indexes (June 1989=100)				Percent Changes for					
	June 1989		June 1990		3 Months Ended		12 Months Ended			
	June 1989	Mar. 1990	June 1990	June 1990	June 1989	Mar. 1990	June 1989	Mar. 1990	June 1990	June 1990
Private industry workers	100.0	103.9	105.2	105.2	1.2	1.6	4.5	5.2	5.2	5.2
Excluding sales	100.0	103.9	105.1	105.1	1.0	1.8	4.3	4.9	4.9	5.1
White-collar occupations	100.0	104.1	105.5	105.5	1.1	1.7	5.2	5.3	5.3	5.5
Excluding sales	100.0	104.2	105.4	105.4	1.0	2.0	4.7	5.3	5.3	5.4
Professional specialty and technical	100.0	104.9	105.8	105.8	1.0	1.9	4.8	6.0	6.0	5.8
Executive, administrative, and managerial	100.0	103.7	105.3	105.3	.9	2.2	4.5	4.6	4.6	5.3
Sales	100.0	103.6	105.6	105.6	1.7	1.3	6.8	5.4	5.4	5.6
Administrative support, including clerical	100.0	104.2	105.3	105.3	1.1	1.9	4.9	5.4	5.4	5.3
Blue-collar occupations	100.0	103.5	104.7	104.7	1.2	1.6	3.7	4.8	4.8	4.7
Precision production, craft, and repair	100.0	103.4	104.7	104.7	1.3	1.4	3.3	4.8	4.8	4.7
Machine operators, assemblers, and inspectors	100.0	103.7	105.0	105.0	1.1	1.9	4.4	4.9	4.9	5.0
Transportation and material moving	100.0	103.1	104.3	104.3	1.0	1.7	3.1	4.1	4.1	4.3
Handlers, equipment cleaners, helpers, and laborers	100.0	103.6	104.7	104.7	1.2	1.4	4.0	4.9	4.9	4.7
Service occupations	100.0	103.9	104.9	104.9	.8	1.4	4.6	4.7	4.7	4.9
Production and nonsupervisory occupations	100.0	103.8	105.1	105.1	1.2	1.4	4.7	5.1	5.1	5.1
Goods-producing industries ^{1/}	100.0	103.9	105.2	105.2	1.1	1.8	3.6	5.1	5.1	5.2
Excluding sales occupations	100.0	103.9	105.1	105.1	1.1	1.7	3.6	5.1	5.1	5.1
White-collar occupations	100.0	104.1	105.3	105.3	1.0	2.2	3.7	5.2	5.2	5.3
Excluding sales	100.0	103.9	105.2	105.2	1.0	1.9	3.7	4.9	4.9	5.2
Blue-collar occupations	100.0	103.9	105.1	105.1	1.1	1.6	3.5	5.1	5.1	5.1
Service occupations	100.0	104.0	104.4	104.4	1.1	1.8	4.5	5.2	5.2	4.4
Construction	100.0	103.1	104.3	104.3	1.0	.7	3.7	4.1	4.1	4.3
Manufacturing	100.0	104.0	105.3	105.3	1.1	2.0	4.0	5.2	5.2	5.3
White-collar occupations	100.0	104.1	105.3	105.3	1.0	2.2	3.7	5.2	5.2	5.3
Excluding sales	100.0	104.0	105.1	105.1	1.0	2.1	3.8	5.1	5.1	5.1
Blue-collar occupations	100.0	104.0	105.2	105.2	1.2	1.9	4.1	5.3	5.3	5.2
Service occupations	100.0	104.1	104.5	104.5	1.2	2.0	4.3	5.4	5.4	4.5
Durables	100.0	104.0	105.1	105.1	1.0	1.8	3.6	5.1	5.1	5.1
Nondurables	100.0	104.1	105.5	105.5	1.2	2.2	4.6	5.4	5.4	5.5

Table 3. COMPENSATION; Employment Cost Index for total compensation, private industry workers, by industry and occupational group-Continued

(Not seasonally adjusted)

Series	Indexes (June 1989=100)			Percent Changes for					
	June 1989	Mar. 1990	June 1990	3 Months Ended			12 Months Ended		
				June 1989	Mar. 1990	June 1990	June 1989	Mar. 1990	June 1990
Service-producing industries 2/	100.0	103.8	105.2	1.2	1.5	1.3	5.2	5.1	5.2
Excluding sales occupations	100.0	103.9	105.1	1.1	1.8	1.2	4.8	5.1	5.1
White-collar occupations	100.0	104.2	105.5	1.0	2.1	1.1	5.6	5.5	5.5
Excluding sales	100.0	104.4	105.6	1.3	1.5	1.3	4.0	4.0	5.6
Blue-collar occupations	100.0	103.9	105.0	.7	1.4	1.1	4.6	4.6	3.9
Service occupations	100.0	103.9	105.0						5.0
Transportation and public utilities	100.0	103.0	103.3	1.3	1.8	.3	3.3	4.4	3.3
Transportation	100.0	102.8	103.0	1.2	2.0	.2	3.2	4.0	3.0
Public utilities	100.0	103.2	103.8	1.2	1.5	.6	3.4	4.5	3.8
Communications	100.0	103.1	103.1	1.5	1.5	.0	3.2	4.7	3.1
Electric, gas, and sanitary services	100.0	103.2	104.6	.8	1.5	1.4	3.4	4.0	4.6
Wholesale and retail trade	100.0	103.5	105.0	1.1	.9	1.4	4.4	4.7	5.0
Excluding sales occupations	100.0	103.0	104.5	.8	1.0	1.5	4.0	3.8	4.5
Wholesale trade	100.0	104.8	105.4	1.5	.3	.6	5.6	6.4	5.4
Excluding sales occupations	100.0	103.7	105.0	1.1	1.1	1.3	4.0	4.9	5.0
Retail trade	100.0	103.0	104.8	.9	1.4	1.7	3.8	3.9	4.8
General merchandise stores	100.0	102.6	105.7	-.5	1.1	3.0	2.9	2.1	5.7
Food stores	100.0	103.2	104.6	.2	1.5	1.4	3.3	3.4	4.6
Finance, insurance, and real estate	100.0	102.6	104.4	1.7	1.2	1.8	7.8	4.4	4.4
Excluding sales occupations	100.0	103.5	104.7	1.5	2.5	1.2	5.7	5.1	4.7
Banking, savings and loan, and other credit agencies	100.0	102.1	104.1	1.2	1.4	2.0	4.2	3.3	4.1
Insurance	100.0	103.2	105.2	1.7	2.2	1.9	5.3	5.0	5.2
Services	100.0	105.0	106.5	1.0	2.0	1.4	5.8	6.1	6.5
Business services	100.0	103.6	105.3	1.9	2.3	1.6	5.4	5.6	5.3
Health services	100.0	105.8	107.1	1.1	2.0	1.2	6.3	7.0	7.1
Hospitals	100.0	105.4	106.6	1.2	1.8	1.1	6.8	6.7	6.6
Educational services	100.0	105.4	105.9	.9	1.2	.5	-	6.4	5.9
Colleges and universities	100.0	105.2	105.7	1.0	1.3	.5	-	6.3	5.7
Nonmanufacturing industries	100.0	103.8	105.1	1.2	1.5	1.3	4.8	5.1	5.1
White-collar occupations	100.0	104.1	105.6	1.0	2.0	1.3	5.5	5.4	5.5
Excluding sales	100.0	102.9	104.1	1.2	1.2	1.2	4.9	4.1	5.6
Blue-collar occupations	100.0	103.9	105.0	.8	1.5	1.1	3.3	4.7	4.1
Service occupations	100.0	103.9	105.0				4.6	4.7	5.0

- Data not available.
NOTE: See footnotes at end of table 7.

Table 4. WAGES AND SALARIES: Employment Cost Index for wages and salaries only, private industry workers, by industry and occupational group
(Not seasonally adjusted)

Series	Indexes (June 1989=100)		Percent Changes for						
			3 Months Ended		6 Months Ended		12 Months Ended		
	June 1989	June 1990	June 1989	Mar. 1990	June 1989	June 1990	Mar. 1990	June 1990	
Private industry workers	100.0	103.2	104.5	1.0	1.2	1.3	4.1	4.2	4.5
Excluding sales	100.0	103.2	104.4	.9	1.3	1.2	3.8	4.1	4.4
White-collar occupations	100.0	103.6	104.9	1.0	1.2	1.3	4.6	4.6	4.9
Excluding sales	100.0	103.7	104.8	.8	1.6	1.1	4.3	4.5	4.8
Professional specialty and technical	100.0	104.1	104.8	.7	1.6	1.7	4.3	4.8	4.8
Executive, administrative, and managerial	100.0	103.3	104.9	1.4	1.8	1.5	4.3	4.0	4.9
Sales	100.0	103.3	105.3	1.4	1.4	1.9	6.0	4.8	5.3
Administrative support, including clerical	100.0	103.6	104.7	.9	1.4	1.1	4.4	4.5	4.7
Blue-collar occupations	100.0	102.7	103.8	1.0	1.1	1.1	3.3	3.7	3.8
Precision production, craft, and repair	100.0	102.5	103.6	1.2	.9	1.1	3.3	3.7	3.6
Machine operators, assemblers, and inspectors	100.0	103.0	104.2	1.0	1.4	1.2	3.6	4.0	4.2
Transportation and material moving	100.0	102.0	103.1	.7	.8	1.1	2.7	2.7	3.1
Handlers, equipment cleaners, helpers, and laborers	100.0	103.0	104.4	.9	1.0	1.4	3.2	3.9	4.4
Service occupations	100.0	103.1	104.2	.6	.8	1.1	3.7	3.7	4.2
Production and nonsupervisory occupations 4/	100.0	103.2	104.3	1.0	1.0	1.1	4.2	4.2	4.3
Goods-producing industries 1/	100.0	103.1	104.2	.9	1.1	1.1	3.2	4.0	4.2
Excluding sales occupations	100.0	103.0	104.2	.9	1.0	1.2	3.2	3.9	4.2
White-collar occupations	100.0	103.5	104.6	.8	1.6	1.1	3.2	4.3	4.6
Excluding sales	100.0	103.5	104.4	.8	1.3	1.1	3.2	4.1	4.4
Blue-collar occupations	100.0	102.9	104.1	1.0	1.0	1.2	3.2	3.9	4.1
Service occupations	100.0	102.7	103.0	1.0	.8	.5	3.3	3.7	3.0
Construction	100.0	102.0	102.9	.9	.3	.9	3.1	2.9	2.9
Manufacturing	100.0	103.3	104.5	1.0	1.4	1.2	3.3	4.3	4.5
White-collar occupations	100.0	103.7	104.7	.8	1.9	1.0	3.2	4.5	4.7
Excluding sales	100.0	103.4	104.4	.9	1.5	1.0	3.3	4.3	4.4
Blue-collar occupations	100.0	103.1	104.4	1.1	1.1	1.3	3.3	4.2	4.4
Service occupations	100.0	102.9	103.2	1.1	.9	.5	3.1	4.0	3.2
Durables	100.0	103.2	104.3	1.0	1.3	1.1	3.2	4.2	4.3
Nondurables	100.0	103.6	104.8	1.0	1.8	1.2	3.6	4.6	4.8

Table 4. WAGES AND SALARIES: Employment Cost Index for wages and salaries only, private industry workers, by industry and occupational group—Continued

(Not seasonally adjusted)

Series	Indexes (June 1989=100)		Percent Changes for					
	June 1989	Mar. 1990	3 Months Ended		12 Months Ended		Mar. 1990	June 1990
			June 1989	Mar. 1990	June 1989	Mar. 1990		
Service-producing industries 2/	100.0	103.3	104.6	0.9	1.1	4.7	4.2	4.6
Excluding sales occupations	100.0	103.4	104.5	.8	1.6	4.4	4.2	4.5
White-collar occupations	100.0	103.6	105.0	1.0	1.1	5.2	4.6	5.0
Excluding sales	100.0	103.8	105.0	.8	1.7	4.7	4.6	5.0
Blue-collar occupations	100.0	102.1	103.3	1.0	1.2	3.4	3.1	3.3
Service occupations	100.0	103.2	104.3	.6	.9	3.8	3.8	4.3
Transportation and public utilities	100.0	102.6	103.2	.5	1.4	2.1	3.1	3.2
Transportation	100.0	102.3	102.3	.6	1.6	1.8	2.9	2.3
Public utilities	100.0	103.0	104.1	.5	1.2	2.5	3.5	4.1
Communications	100.0	103.1	104.1	.1	1.3	1.9	3.2	4.1
Electric, gas, and sanitary services	100.0	103.0	104.2	1.0	1.3	3.2	4.0	4.2
Wholesale and retail trade	100.0	103.3	104.6	.9	.6	4.0	4.2	4.6
Excluding sales occupations	100.0	102.6	104.2	.6	.7	3.5	3.2	4.2
Wholesale trade	100.0	104.6	105.2	1.0	-.6	5.2	5.7	5.2
Excluding sales occupations	100.0	103.2	104.7	.8	-.7	3.4	4.0	4.7
Retail trade	100.0	102.7	104.4	.9	1.1	3.5	3.6	4.4
General merchandise stores	100.0	102.4	105.2	.8	1.0	4.6	3.2	5.2
Food stores	100.0	102.8	104.3	.0	1.1	2.2	2.8	4.3
Finance, insurance, and real estate	100.0	101.8	103.5	1.7	.5	7.6	3.6	3.5
Excluding sales occupations	100.0	103.0	103.9	1.6	2.1	5.8	4.7	3.9
Banking, savings and loan, and other credit agencies	100.0	101.6	103.6	1.2	.7	4.2	2.8	3.6
Insurance	100.0	102.3	104.1	1.5	1.5	4.8	3.9	4.1
Services	100.0	104.2	105.7	.9	1.7	5.4	5.1	5.7
Business services	100.0	103.0	105.1	1.6	1.8	5.2	4.7	5.1
Health services	100.0	105.3	106.3	.9	1.7	5.9	6.3	6.3
Hospitals	100.0	105.0	106.0	1.1	1.6	6.4	6.2	6.0
Educational services	100.0	104.7	105.0	.9	.8	-	5.7	5.0
Colleges and universities	100.0	104.4	104.8	.9	.7	-	5.3	4.8
Nonmanufacturing industries	100.0	103.2	104.5	.9	1.0	4.4	4.1	4.5
White-collar occupations	100.0	103.6	105.0	.9	1.1	5.0	4.5	5.0
Excluding sales	100.0	103.8	105.0	.8	1.8	4.6	4.6	5.0
Blue-collar occupations	100.0	103.2	103.2	1.0	.9	3.2	3.2	3.2
Service occupations	100.0	103.2	104.3	.6	.9	3.8	3.8	4.3

- Data not available.

NOTE: See footnotes at end of table 7.

Table 5. BENEFITS: Employment Cost Index for benefits only, civilian, state and local, and private industry workers, by industry and occupational group
(Not seasonally adjusted)

Series	Indexes (June 1989=100)		Percent Changes for						
	June 1989	Mar. 1990	3 Months Ended		12 Months Ended				
			June 1989	Mar. 1990	June 1989	Mar. 1990			
Civilian workers.....	100.0	105.9	107.2	1.4	2.6	1.2	6.0	7.4	7.2
State and local government workers.....	100.0	107.5	108.3	-	2.1	.7	-	-	8.3
Private industry workers.....	100.0	105.5	106.9	1.6	2.8	1.3	5.6	7.2	6.9
Workers, by occupational group									
White-collar occupations.....	100.0	105.6	107.1	1.7	2.9	1.4	6.4	7.4	7.1
Blue-collar occupations.....	100.0	105.2	106.6	1.4	2.5	1.3	4.5	6.7	6.6
Service occupations.....	100.0	106.0	107.0	1.3	2.9	.9	7.1	7.4	7.0
Workers, by industry division									
Goods-producing industries 1/.....	100.0	105.7	107.2	1.3	3.0	1.4	4.5	7.1	7.2
Service-producing industries 2/.....	100.0	105.3	106.6	1.8	2.6	1.2	6.6	7.2	6.6
Manufacturing.....	100.0	105.5	106.9	1.2	3.1	1.3	5.4	6.8	6.9
Nonmanufacturing.....	100.0	105.4	106.9	1.8	2.5	1.4	5.8	7.3	6.9

- Data not available.

NOTE: See footnotes at end of table 7.

Table 6. COMPENSATION: Employment Cost Index for total compensation, private industry workers, by bargaining status, region, and area size
(Not seasonally adjusted)

Series	Indexes (June 1989=100)			Percent Changes for					
				3 Months Ended		12 Months Ended			
	June 1989	Mar. 1990	June 1990	June 1989	Mar. 1990	June 1989	Mar. 1990	June 1989	June 1990
Workers, by bargaining status									
Union.....	100.0	103.3	104.1	1.0	1.5	0.8	3.1	4.3	4.1
Blue-collar occupations.....	100.0	103.0	104.1	1.1	1.3	1.1	3.1	4.1	4.1
Goods-producing industries 1/.....	100.0	103.3	104.5	1.1	1.4	1.2	3.0	4.4	4.5
Service-producing industries 2/.....	100.0	103.2	103.6	.9	1.5	.4	3.2	4.1	3.6
Manufacturing.....	100.0	103.6	104.7	1.0	1.6	1.1	3.7	4.6	4.7
Blue-collar occupations.....	100.0	103.5	104.6	1.0	1.6	1.1	3.7	4.5	4.6
Nonmanufacturing.....	100.0	103.0	103.7	1.1	1.4	.7	2.6	4.1	3.7
Nonunion.....	100.0	104.1	105.5	1.2	1.7	1.3	4.9	5.4	5.5
Blue-collar occupations.....	100.0	103.9	105.3	1.3	1.8	1.3	4.2	5.3	5.3
Goods-producing industries 1/.....	100.0	104.2	105.5	1.1	1.9	1.2	4.0	5.4	5.5
Service-producing industries 2/.....	100.0	103.9	105.5	1.3	1.5	1.5	5.6	5.3	5.5
Manufacturing.....	100.0	104.2	105.5	1.2	2.1	1.2	4.1	5.5	5.5
Blue-collar occupations.....	100.0	104.4	105.9	1.3	2.0	1.4	4.5	5.8	5.9
Nonmanufacturing.....	100.0	104.0	105.4	1.2	1.6	1.3	5.4	5.3	5.4
Workers, by region 5/									
Northeast.....	100.0	104.4	105.3	1.3	1.5	.9	6.6	5.8	5.3
South.....	100.0	104.0	105.7	1.0	1.8	1.6	3.4	5.1	5.7
Midwest.....	100.0	103.5	104.8	1.1	1.6	1.3	4.0	4.7	4.8
West.....	100.0	103.3	104.5	1.2	1.5	1.2	3.8	4.6	4.5
Workers, by area size									
Metropolitan areas.....	100.0	103.9	105.1	1.2	1.7	1.2	4.9	5.2	5.1
Other areas.....	100.0	103.6	105.2	.6	1.6	1.5	2.0	4.2	5.2

NOTE: The indexes for these series are not strictly comparable to those for the aggregate, occupation, and industry series. See explanatory note. See footnotes at end of table 7.

Table 7. WAGES AND SALARIES: Employment Cost Index for wages and salaries only, private industry workers, by bargaining status, region, and area size
(Not seasonally adjusted)

Series	Indexes (June 1989=100)			Percent Changes for					
	(June 1989)		June 1990	3 Months Ended		12 Months Ended			
	June 1989	Mar. 1990	June 1990	June 1989	Mar. 1990	June 1989	Mar. 1990	June 1990	
Workers, by bargaining status									
Union.....	100.0	102.6	103.3	0.8	1.0				
Blue-collar occupations.....	100.0	102.2	103.2	.9	.7			2.6	3.4
Goods-producing industries 1/.....	100.0	102.3	103.5	1.0	.7			2.9	3.1
Service-producing industries 2/.....	100.0	102.9	103.1	.4	1.2			2.2	3.3
Manufacturing.....	100.0	102.6	103.8	1.0	.9			3.1	3.6
Blue-collar occupations.....	100.0	102.6	103.8	1.0	.8			3.1	3.6
Nonmanufacturing.....	100.0	102.5	103.0	.6	1.0			2.1	3.1
Nonunion.....	100.0	103.4	104.8	1.0	1.3			4.6	4.4
Blue-collar occupations.....	100.0	103.0	104.3	1.2	1.3			3.7	4.3
Goods-producing industries 1/.....	100.0	103.5	104.5	.9	1.4			3.3	4.5
Service-producing industries 2/.....	100.0	103.4	104.9	1.1	1.2			5.2	4.9
Manufacturing.....	100.0	103.6	104.8	1.1	1.6			3.4	4.8
Blue-collar occupations.....	100.0	103.6	105.0	1.3	1.4			3.8	5.0
Nonmanufacturing.....	100.0	103.3	104.8	1.0	1.0			4.9	4.8
Workers, by region 5/									
Northeast.....	100.0	104.0	104.8	1.3	1.1			6.4	5.4
South.....	100.0	103.5	105.2	.8	1.4			2.9	4.3
Midwest.....	100.0	102.6	103.7	.9	1.0			3.6	3.5
West.....	100.0	102.5	104.0	.9	1.1			3.4	3.4
Workers, by area size									
Metropolitan areas.....	100.0	103.3	104.4	1.0	1.2			4.5	4.4
Other areas.....	100.0	103.0	104.6	.4	1.1			1.6	3.4

1/ Includes mining, construction, and manufacturing.
 2/ Includes transportation, public utilities, trade, finance, insurance, real estate, services, and, where applicable, public administration in State and local governments.
 3/ Formerly called Hospitals and other services.
 4/ This series has the same industry and occupational coverage as the Hourly Earnings Index, which was discontinued in January 1989.
 NOTE: The indexes for these series are not strictly comparable to those for the aggregate, occupation, and industry series. See explanatory note.

5/ 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, Louisiana, 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.

Table 8. AEROSPACE: Employment Cost Index for workers in aerospace manufacturing by industry and occupation 1/ (Not seasonally adjusted)

Series	Indexes (June 1989=100)			Percent Changes for					
				3 Months Ended			12 Months Ended		
	June 1989	Mar. 1990	June 1990	June 1989	Mar. 1990	June 1990	June 1989	Mar. 1990	June 1990
COMPENSATION									
Aircraft and parts manufacturing (SIC 372)	100.0	104.9	106.2	0.9	1.7	1.2	-	5.9	6.2
White-collar occupations	100.0	104.1	105.4	1.1	1.5	1.2	-	5.3	5.4
Professional specialty and technical	100.0	103.6	105.0	.8	1.8	1.4	-	4.4	5.0
Blue-collar occupations	100.0	105.7	107.0	.6	1.8	1.2	-	6.3	7.0
Precision production, craft, and repair	100.0	104.8	106.6	.6	1.6	1.7	-	5.4	6.6
Machine operators, assemblers, and inspectors	100.0	106.8	107.5	.7	2.1	.7	-	7.6	7.5
Aircraft manufacturing (SIC 3721)	100.0	105.4	107.0	.8	1.7	1.5	-	6.3	7.0
White-collar occupations	100.0	104.6	105.9	.9	1.8	1.2	-	5.5	5.9
Blue-collar occupations	100.0	106.6	108.6	.5	1.8	1.9	-	7.1	8.6
Aircraft engines and parts manufacturing (SIC 3724)	100.0	103.0	104.0	.4	1.0	1.0	-	3.4	4.0
Aircraft parts and equipment manufacturing, not elsewhere classified (SIC 3728)	100.0	105.5	106.5	1.6	1.8	.9	-	7.2	6.5
Guided missiles and space vehicles manufacturing (SIC 3761)	100.0	104.6	105.2	.3	1.9	.6	-	4.9	5.2
WAGES AND SALARIES									
Aircraft and parts manufacturing (SIC 372)	100.0	103.5	104.9	0.8	1.2	1.4	-	4.3	4.9
White-collar occupations	100.0	102.7	104.2	.8	1.0	1.5	-	3.5	4.2
Professional specialty and technical	100.0	102.1	103.7	.8	.9	1.6	-	2.9	3.7
Blue-collar occupations	100.0	104.5	105.8	.6	1.3	1.2	-	5.1	5.8
Precision production, craft, and repair	100.0	103.6	105.5	.6	1.1	1.8	-	4.2	5.5
Machine operators, assemblers, and inspectors	100.0	105.4	106.2	.6	1.6	.8	-	6.0	6.2
Aircraft manufacturing (SIC 3721)	100.0	103.2	104.9	.6	1.0	1.6	-	3.8	4.9
White-collar occupations	100.0	102.3	103.8	.7	.8	1.5	-	3.0	3.8
Blue-collar occupations	100.0	104.6	106.7	.4	1.3	2.0	-	5.0	6.7
Aircraft engines and parts manufacturing (SIC 3724)	100.0	103.0	104.0	.8	1.0	1.0	-	3.8	4.0
Aircraft parts and equipment manufacturing, not elsewhere classified (SIC 3728)	100.0	104.7	105.8	.9	1.7	1.1	-	5.7	5.8
Guided missiles and space vehicles manufacturing (SIC 3761)	100.0	104.0	104.8	.3	1.5	.8	-	4.3	4.8

See footnotes at end of table.

Table 8. AEROSPACE: Employment Cost Index for workers in aerospace manufacturing by industry and occupation ^{1/}-Continued
(Not seasonally adjusted)

Series	Indexes (June 1989=100)			Percent Changes for						
	June 1989	June 1990		3 Months Ended			12 Months Ended			
		Mar. 1990	June 1990	June 1989	Mar. 1990	June 1990	June 1989	Mar. 1990	June 1990	
				BENEFIT COSTS						
Aircraft and parts manufacturing (SIC 372).....	100.0	107.8	108.8	1.2	2.7	0.9	-	-	9.1	8.8
White-collar occupations.....	100.0	107.4	108.2	1.8	2.6	.7	-	-	9.4	8.2
Professional specialty and technical.....	100.0	107.3	108.1	.9	3.8	.7	-	-	8.3	8.1
Blue-collar occupations.....	100.0	108.1	109.3	.5	2.6	1.1	-	-	8.6	9.3
Precision production, craft, and repair.....	100.0	107.1	108.7	.3	2.4	1.5	-	-	7.4	8.7
Machine operators, assemblers, and inspectors.....	100.0	109.2	110.0	.8	2.9	.7	-	-	10.1	10.0
Aircraft manufacturing (SIC 3721).....	100.0	110.1	111.4	.9	3.4	1.2	-	-	11.1	11.4
White-collar occupations.....	100.0	109.9	110.9	1.1	4.0	.9	-	-	11.1	10.9
Blue-collar occupations.....	100.0	110.5	112.2	.8	2.9	1.5	-	-	11.4	12.2
Aircraft engines and parts manufacturing (SIC 3724).....	100.0	103.0	104.0	-.3	1.0	1.0	-	-	2.7	4.0
Aircraft parts and equipment manufacturing, not elsewhere classified (SIC 3728).....	100.0	107.4	107.9	3.1	2.5	.5	-	-	10.7	7.9
Guided missiles and space vehicles manufacturing (SIC 3761).....	100.0	106.1	106.2	.6	3.1	.1	-	-	6.7	6.2

^{1/} Funds for the development and maintenance of these series are provided by the Aerospace Industries Association (AIA). The series are published in this release for the convenience of all users.

- Data not available.

NOTE: SIC refers to the 1972 Standard Industrial Classification System code as defined by the U.S. Office of Management and Budget.

EXPLANATORY NOTE

The Employment Cost Index (ECI) is a measure of the change in the cost of labor, free from the influence of employment shifts among occupations and industries. The compensation series includes changes in wages and salaries and employer costs for employee benefits. The wage and salary series and the benefit cost series¹ provide the change for the two components of compensation.

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, excluding premium pay for overtime and for work on weekends and holidays, shift differentials, and nonproduction bonuses such as lump-sum payments provided in lieu of wage increases. Production bonuses, incentive earnings, commission payments, and cost-of-living adjustments are included in straight-time wage and salary rates.

Benefits covered by the ECI are: Paid leave (vacations, holidays, sick leave, and other leave); supplemental pay (premium pay for overtime, shift differentials, and nonproduction bonuses such as lump-sum payments provided in lieu of wage increases); insurance benefits (life, health, and sickness and accident); retirement and savings benefits (pension and other retirement plans and savings and thrift plans); legally required benefits (social security, railroad retirement and supplemental retirement, railroad unemployment insurance, Federal and state unemployment insurance, workers' compensation, and other legally required benefits such as state temporary disability); and other benefits (severance pay and supplemental unemployment plans).

The ECI provides data for the civilian economy, which includes the total private economy, excluding farms and households, and the public sector, excluding the Federal government. The private industry series and the state and local government series provide data for the two sectors separately.

Each quarter, straight-time average hourly wage and salary rates and benefit cost data (cents-per-hour-worked) are collected from a probability sample of nearly 23,000 occupations within 4,400 sample establishments in private industry and about 6,000 occupations within 1,000 sample establishments in state and local governments. Data are collected for the pay period including the 12th day of the survey months of March, June, September, and December. ECI statistics are neither annualized nor adjusted for seasonal influences.

¹ The benefit cost indexes provide the change in the cost of benefits to a fixed labor force. They are not price indexes for a fixed market basket of benefits. Therefore, the indexes will change as a result of either a change in the price of benefits provided (for example, higher pay for holidays) or a change in the benefits (for example, an additional holiday).

The sample establishments are classified in industry categories based on the 1972 Standard Industrial Classification (SIC), as defined by the U.S. Office of Management and Budget.

Within an establishment, specific job categories are selected to represent broader occupational definitions. Since June 1986, the jobs have been classified according to definitions used in the 1980 Census. Prior to June 1986, they were classified according to the 1970 Census. Differences between the two classification systems are slight, as indicated in the article "Introducing new weights for the Employment Cost Index," in the June 1985 issue of the Monthly Labor Review.

Fixed employment weights are used each quarter to calculate the most aggregate indexes--civilian, private, and state and local governments. These fixed weights are also used to derive all of the industry and occupation series indexes. Since June 1986, employment counts from the 1980 Census have been used as weights. Prior to June 1986, employment counts from the 1970 Census were used.

For the series based on bargaining status, region, or area size, employment data are not available from the Census. The employment weights are reallocated within these series each quarter based on the current ECI sample. The indexes for these series, consequently, are not strictly comparable to those for the aggregate, industry, and occupation series. A fuller explanation of the calculation of index numbers appears in an article, "Estimation procedures for the Employment Cost Index," in the May 1982 issue of the Monthly Labor Review.

Beginning with the March 1990 ECI release, indexes were rebased to June 1989=100. A description of the rebasing is included in the article "Employment Cost Index Rebased to June 1989," in the April 1990 issue of the Monthly Labor Review.

The costs per hour worked of compensation components, based on March 1990 data from the ECI, are published in a separate news release titled "Employer Costs for Employee Compensation - March 1990." A description of the cost levels is provided in the article "Analyzing employers' costs for wages, salaries, and benefits" in the October 1987 issue of the Monthly Labor Review. The cost levels, which are published annually in mid-June, are calculated with current employment weights, rather than the fixed 1980 Census weights used in computing the ECI. Therefore, year-to-year changes in the cost levels will usually differ from those in the ECI.

More detailed information on the ECI is available in several sources. These include an annual bulletin, Employment Cost Indexes and Levels, 1975-89, (Bulletin 2339); a chapter in the BLS Handbook of Methods (Bulletin 2285), "The Employment Cost Index;" and several articles published in the Monthly Labor Review. The annual bulletin is available from the Superintendent of Documents, U.S. Government Printing Office, Washington, D.C. 20402, or Bureau of Labor Statistics, Publications Sales Center, P.O. Box 2145, Chicago, Illinois 60690. Reprints of the articles plus other descriptive pieces and a complete historical listing are available upon request. ECI historical data are also available on data diskettes formatted for use with Lotus 1-2-3.