

# EMPLOYMENT AND EARNINGS

VOL. 20 NO. 5 NOVEMBER 1973

Joseph M. Finerty, Editor  
Gloria P. Green, Associate Editor  
James A. McCall, Associate Editor

CONTENTS	Page
List of statistical tables .....	2
Employment and unemployment developments, October 1973 .....	5
Charts .....	7
Statistical tables:	
Monthly household data .....	20
Monthly establishment data .....	51
Monthly unemployment insurance data .....	124
Explanatory notes .....	127

<b>CALENDAR OF FEATURES</b>											
In addition to the monthly data appearing regularly in Employment and Earnings, special features appear in most of the issues, as shown below:											
	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.
<b>Household data</b>											
Annual averages	x										
Revised seasonally adjusted series and current seasonal factors		x									
<b>Quarterly averages:</b>											
Seasonally adjusted data											
Persons not in labor force	x			x			x			x	
Vietnam Era war veterans											
<b>Establishment data</b>											
National annual averages:											
Industry divisions (preliminary)	x										
Industry detail (final)			x								
Women employment (National)		x			x			x			x
National data adjusted to new benchmarks										(1)	
Revised seasonally adjusted series and current seasonal factors						(2)					
State and area annual averages					x						
Area definitions					x						

<sup>1</sup> The issue that introduces the establishment data adjusted to new benchmarks varies. The October 1972 issue marks the introduction of March 1971 benchmarks.

<sup>2</sup> Revised data introduced in June 1973.

# MONTHLY HOUSEHOLD DATA

	<i>Page</i>
<b>Employment Status</b>	
A- 1: Employment status of the noninstitutional population, 1929 to date . . . . .	20
A- 2: Employment status of the noninstitutional population 16 years and over by sex, 1947 to date . . . . .	21
A- 3: Employment status of the noninstitutional population by sex, age, and color . . . . .	22
A- 4: Labor force by sex, age, and color . . . . .	24
A- 5: Employment status of persons 16-21 years of age in the noninstitutional population by color and sex . . . . .	26
A- 6: Employment status of the noninstitutional population 16 years and over by sex, age, and color . . . . .	26
A- 7: Full- and part-time status of the civilian labor force by color, sex, and age . . . . .	27
<b>Characteristics of the Unemployed</b>	
A- 8: Unemployed persons by sex and age . . . . .	28
A- 9: Unemployed persons by marital status, sex, age, and color . . . . .	28
A-10: Unemployed persons by occupation of last job and sex . . . . .	29
A-11: Unemployed persons by industry of last job and sex . . . . .	29
A-12: Unemployed persons by reason for unemployment, sex, age, and color . . . . .	30
A-13: Unemployed persons by reason for unemployment, duration, sex, and age . . . . .	30
A-14: Unemployed jobseekers by the jobsearch methods used, sex, age, and color . . . . .	31
A-15: Unemployed jobseekers by the jobsearch methods used, sex, and reason for unemployment . . . . .	31
A-16: Unemployed persons by duration of unemployment . . . . .	32
A-17: Unemployed persons by duration, sex, age, color, and marital status . . . . .	32
A-18: Unemployed persons by duration, occupation, and industry of last job . . . . .	33
<b>Characteristics of the Employed</b>	
A-19: Employed persons by sex and age . . . . .	33
A-20: Employed persons by occupational group, sex, and age . . . . .	34
A-21: Employed persons by major occupational group, sex, and color . . . . .	35
A-22: Employed persons by class of worker, sex, and age . . . . .	36
A-23: Employed persons with a job but not at work by reason, pay status, and sex . . . . .	37
A-24: Persons at work by type of industry and hours of work . . . . .	37
A-25: Persons at work 1-34 hours by usual status and reason working part-time . . . . .	38
A-26: Nonagricultural workers by industry and full- or part-time status . . . . .	38
A-27: Persons at work in nonagricultural industries by full- or part-time status, sex, age, color, and marital status . . . . .	39
A-28: Persons at work in nonfarm occupations by full- or part-time status and sex . . . . .	41
<b>Characteristics of 14 and 15 Year-olds</b>	
A-29: Employment status of 14-15 year-olds by sex and color . . . . .	43
A-30: Employed 14-15 year-olds by sex, class of worker, and major occupational group . . . . .	43
<b>Seasonally Adjusted Employment and Unemployment Data</b>	
A-31: Employment status of the noninstitutional population by sex and age, seasonally adjusted . . . . .	44
A-32: Full- and part-time status of the civilian labor force by sex and age, seasonally adjusted . . . . .	44
A-33: Employment status by color, sex, and age, seasonally adjusted . . . . .	45
A-34: Unemployed persons by duration of unemployment, seasonally adjusted . . . . .	45
A-35: Major unemployment indicators, seasonally adjusted . . . . .	46
A-36: Rates of unemployment by sex and age, seasonally adjusted . . . . .	47
A-37: Unemployed persons by reason for unemployment, seasonally adjusted . . . . .	47
A-38: Employed persons by sex and age, seasonally adjusted . . . . .	48
A-39: Employed persons by major occupational group, seasonally adjusted . . . . .	48
<b>Characteristics of Vietnam Era Veterans and Nonveterans</b>	
A-40: Employment status of male Vietnam Era veterans and nonveterans 20 to 34 years of age . . . . .	49

# MONTHLY ESTABLISHMENT DATA

	<i>Page</i>
<b>Employment—National</b>	
B- 1: Employees on nonagricultural payrolls, by industry division, 1919 to date . . . . .	51
B- 2: Employees on nonagricultural payrolls, by industry . . . . .	52
B- 3: Women employees on nonagricultural payrolls, by industry <sup>1</sup> . . . . .	60
B- 4: Indexes of employment on nonagricultural payrolls, by industry division, 1919 to date, monthly data seasonally adjusted . . . . .	67
B- 5: Employees on nonagricultural payrolls, by industry, seasonally adjusted . . . . .	68
B- 6: Production or nonsupervisory workers on private nonagricultural payrolls, seasonally adjusted . . . . .	69
<b>Employment—State and Area</b>	
B- 7: Employees on nonagricultural payrolls for States and selected areas, by industry division . . . . .	70
<b>Hours and Earnings—National</b>	
C- 1: Gross hours and earnings of production or nonsupervisory workers on private nonagricultural payrolls, 1950 to date . . . . .	81
C- 2: Gross hours and earnings of production or nonsupervisory workers on private nonagricultural payrolls, by industry . . . . .	82
C- 3: Employment, hours, and indexes of earnings in the Executive Branch of the Federal Government . . . . .	94
C- 4: Average hourly earnings excluding overtime of production workers on manufacturing payrolls, by industry . . . . .	94
C- 5: Gross and spendable average weekly earnings of production or nonsupervisory workers on private nonagricultural payrolls, in current and 1967 dollars . . . . .	95
C- 6: Indexes of aggregate weekly man-hours and payrolls of production or nonsupervisory workers on private nonagricultural payrolls . . . . .	96
C- 7: Average weekly hours of production or nonsupervisory workers on private nonagricultural payrolls, seasonally adjusted . . . . .	98
C- 8: Indexes of aggregate weekly man-hours of production or nonsupervisory workers on private nonagricultural payrolls, seasonally adjusted . . . . .	99
C- 9: Man-hours of wage and salary workers in nonagricultural establishments . . . . .	99
C-10: Indexes of output per man-hour, hourly compensation, unit costs, and prices, private economy, seasonally adjusted . . . . .	100
C-11: Percent changes from preceding quarter and year in output per man-hour, hourly compensation, unit costs, and prices, private economy, seasonally adjusted, at annual rate . . . . .	101
C-12: Indexes of average hourly earnings, private nonfarm economy, adjusted for overtime (in manufacturing only) and interindustry employment shifts, 1964 to date . . . . .	102
C-13: Four-quarter changes in compensation, seasonally adjusted . . . . .	103
C-14: Quarter-to-quarter changes in compensation, seasonally adjusted . . . . .	103
C-15: Twelve-month changes in compensation, seasonally adjusted . . . . .	104
C-16: Six-month changes in compensation, seasonally adjusted . . . . .	104
C-17: Average hourly or weekly compensation, seasonally adjusted . . . . .	105
<b>Hours and Earnings—State and Area</b>	
C-18: Gross hours and earnings of production workers on manufacturing payrolls, by State and selected areas . . . . .	106
<b>Labor Turnover—National</b>	
D- 1: Labor turnover rates in manufacturing, 1961 to date . . . . .	111
D- 2: Labor turnover rates, by industry . . . . .	112
D- 3: Labor turnover rates in manufacturing, 1961 to date, seasonally adjusted . . . . .	117
<b>Labor Turnover—State and Area</b>	
D- 4: Labor turnover rates in manufacturing for selected States and areas . . . . .	118
<b>Job Vacancy—National</b>	
E- 1: Number and rate of job vacancies in manufacturing, April 1969 to date . . . . .	121
E- 2: Number and rate of job vacancies in manufacturing, April 1969 to date, seasonally adjusted . . . . .	121
E- 3: Job vacancy rates in manufacturing, by industry . . . . .	122
E- 4: Percent distribution of job vacancies in manufacturing, by industry . . . . .	122

## MONTHLY ESTABLISHMENT DATA—Continued

<b>Job Vacancy—Area</b>	<b>Page</b>
E-5: Job vacancy rates, United States and selected areas . . . . .	123

## MONTHLY UNEMPLOYMENT INSURANCE DATA

F-1: Insured unemployment under State programs . . . . .	124
F-2: Insured unemployment in 150 major labor areas . . . . .	125

<sup>1</sup> Included in February, May, August, and November issues.

# Employment and Unemployment Developments, October 1973

Employment posted another large increase in October and unemployment dropped after holding steady for several months. At 4.5 percent, the unemployment rate was down from the 4.8-percent plateau at which it had held since June and from the 5.5-percent level of October 1972.

Total employment (as measured by the household survey) expanded by 570,000 in October to 85.7 million, seasonally adjusted. Employment had risen by an even larger amount in September. Since October a year ago, total employment has grown by 3.2 million persons, an unusually large increase for a 12-month period.

The number of nonagricultural payroll jobs (as measured by the establishment survey) increased by 305,000, seasonally adjusted, to 76.3 million in October. This was paced by a strong increase in manufacturing. Compared with October of last year, payroll employment rose by 2.7 million.

## Unemployment

The number of unemployed persons declined 210,000 (seasonally adjusted) in October to 4.1 million. This decrease, combined with the strong advance in employment, brought the overall jobless rate to its lowest level since April 1970.

Among the major demographic groups, the unemployment rate for adult women declined from 4.8 to 4.4 percent in October. In addition, there was a slight decrease in the rate for adult men, from 3.1 to 2.9 percent. Reductions in both groups were concentrated among 20-24 year-olds. Unemployment rates for teenagers (13.9 percent), household heads (2.7 percent), and married men (2.1 percent) approximated the levels they have maintained since July. However, all of these groups have improved their unemployment picture over the last year.

The jobless rate for Negro workers receded from 9.4 to 8.3 percent in October, largely as a result of reduced unemployment among Negro teenagers. The unemployment rate for whites, at 4.1 percent, was not significantly different from its level of the last 3 months.

Compared with their year-ago levels, jobless rates for both white and Negro workers have declined substantially.

With regard to the major occupational groups, the decline in unemployment in October was confined to white-collar workers (primarily those in clerical and sales occupations) and service workers. Among the major industry categories, the most prominent change in unemployment was a further decline in the rate for manufacturing workers, particularly those in durable goods. The jobless rate for all manufacturing workers reached its lowest point since the end of 1969.

The unemployment rate for the most recently discharged Vietnam Era veterans (20-24 year-olds) was 8.0 percent in October, little changed over the month and still higher than the rate for nonveterans of the same ages (5.7 percent). In contrast, jobless rates for veterans 25 to 29 (3.2 percent) and 30 to 34 (2.6 percent) were lower than in September and were not materially different from the rates of their nonveteran counterparts. Over the past year, there has been a decline in the unemployment rates of 20-24 and 25-29 year-old veterans.

The unemployment rate for workers covered by State unemployment insurance programs, at 2.7 percent in October, has been about the same since April.

Nearly the entire decline in total unemployment took place among those who had been seeking work for a month or less. Primarily as a result, the average (mean) duration of unemployment rose from 9.4 weeks in September to 10.4 weeks in October, following a drop in the previous month.

The proportion of jobless persons who had lost their last job showed a substantial decline in October. The number of such persons dropped below 1.5 million, its lowest level since February 1970.

## Civilian labor force and total employment

The civilian labor force rose by 360,000 in October (seasonally adjusted), following an even larger increase in September (750,000). While teenagers accounted for

most of the increase in September, adult men made up the bulk of the October expansion.

Employment also rose considerably for the second straight month, advancing by 570,000, seasonally adjusted, to 85.7 million. Adult men accounted for over 300,000 of this increase, with the balance divided about equally between teenagers and adult women. Since October a year ago, total employment has risen by 3.2 million persons; adult women made up 1.4 million of this gain, with adult men (1.2 million) and teenagers (660,000) accounting for the remainder.

### **Industry payroll employment**

Nonagricultural payroll employment continued its strong expansionary trend, rising by 305,000 to a seasonally adjusted level of 76.3 million in October. Over the year, payroll jobs have increased by 2.7 million.

An October increase of 105,000 in the number of goods-producing jobs occurred exclusively in manufacturing, with the durable goods industries continuing to account for most of the advance. This represented the first employment gain for the industry in 4 months. The 200,000-job growth in the service-producing industries reflected sizeable gains in trade, services, and transportation and public utilities. Over the past year, the goods-producing sector has added 940,000 jobs, while service-producing employment has grown by nearly 1.8 million.

### **Hours of work**

The average workweek for production or nonsupervisory workers on nonagricultural payrolls declined by 0.2 hour in October, after seasonal adjustment, to 37.0 hours. While declines took place in nearly every industry division, the average workweek has been in the 37.0-37.2-hour range since early this year.

In manufacturing, the workweek was also down 0.2 hour in October to 40.6 hours. With the exception of a few industries (notably primary metals and transportation equipment), the decline in hours was pervasive throughout the manufacturing industries. Factory overtime hours were 3.7 in October, little changed from the levels held in recent months after declining from the 4.1-hour peak reached in the spring.

### **Hourly and weekly earnings**

Average hourly earnings of production or nonsupervisory workers on nonagricultural payrolls rose 0.8 percent from September to October, seasonally adjusted. Since October a year ago, hourly earnings have risen by 6.7 percent. Weekly earnings rose 0.2 percent from September to October (seasonally adjusted) and have advanced by 5.8 percent from their year-earlier level.

Before adjustment for seasonality, average hourly earnings increased by 1 cent in September to \$3.99. Since October 1972, hourly earnings have risen by 25 cents. Weekly earnings averaged \$147.63 in October, down 82 cents from September but \$8.13 above a year earlier.

### **Hourly earnings index**

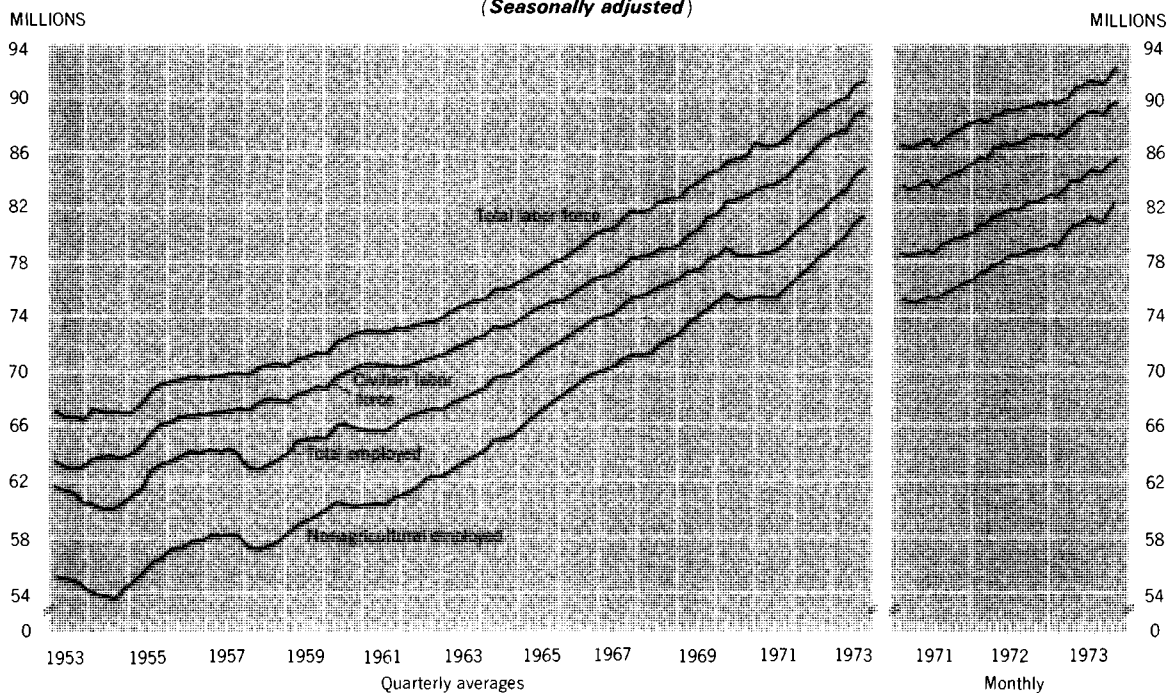
The Hourly Earnings Index—earnings adjusted for overtime hours in manufacturing, seasonality, and the effects of changes in the proportion of workers in high-wage and low-wage industries—was 149.5 (1967=100) in October, 0.5 percent higher than in September, according to preliminary figures. The index was 6.5 percent above a year ago. All industries recorded gains over the year, ranging from 5.2 percent in finance, insurance, and real estate to 8.4 percent in mining. During the 12-month period ended in September, the Hourly Earnings Index in dollars of constant purchasing power declined 0.6 percent.

# CHARTS

	<i>Page</i>
1. Labor force and employment . . . . .	7
2. Major unemployment indicators . . . . .	8
3. Payroll employment in goods- and service-producing industries . . . . .	8
4. Nonagricultural payroll employment by industry . . . . .	9
5. Total employment by age and sex . . . . .	10
6. Persons at work full and part time in nonagricultural industries . . . . .	11
7. Employment in nonfarm occupations . . . . .	12
8. Duration of unemployment . . . . .	13
9. Unemployment rates by age and sex . . . . .	14
10. Unemployment rates by color . . . . .	14
11. Unemployment rates by occupation . . . . .	15
12. Average weekly hours in private nonagricultural establishments, manufacturing, and trade . . . . .	16
13. Labor turnover rates in manufacturing . . . . .	16
14. Major compensation trend indicators in the private nonfarm economy . . . . .	17
15. Average weekly earnings in private nonagricultural establishments, manufacturing, and trade . . . . .	18
16. Average weekly and spendable earnings of production or non- supervisory workers on private nonagricultural payrolls . . . . .	18
17. Indexes of output per man-hour, hourly compensation, and unit labor costs in the private nonfarm economy . . . . .	19

**Chart 1. Labor force and employment, 1953 to date**

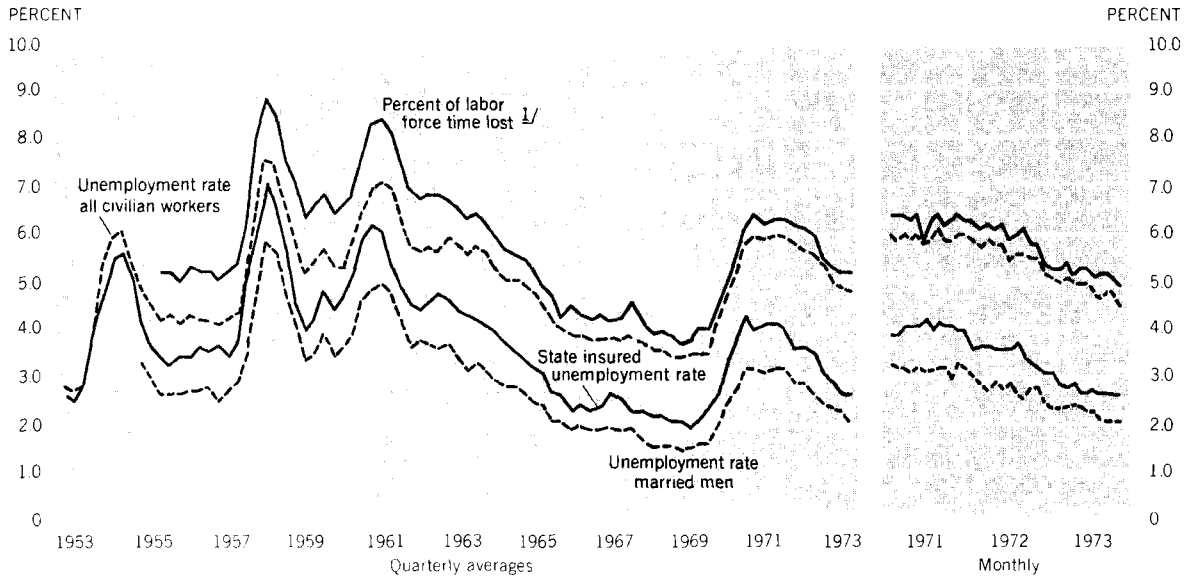
(Seasonally adjusted)



Source: Table A-31.

**Chart 2. Major unemployment indicators  
1953 to date**

(Seasonally adjusted)

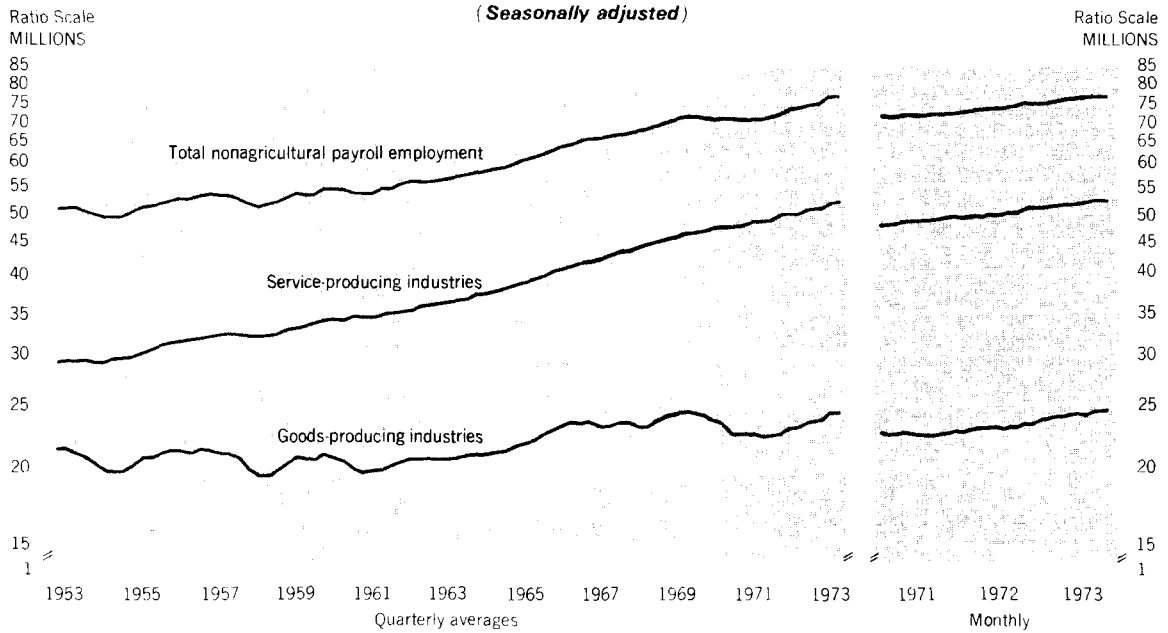


<sup>1/</sup> Series revised beginning 1953 to reflect whether unemployed persons sought full or part-time jobs

Source: Table A 35.

**Chart 3. Payroll employment in goods-and service-producing industries  
1953 to date**

(Seasonally adjusted)



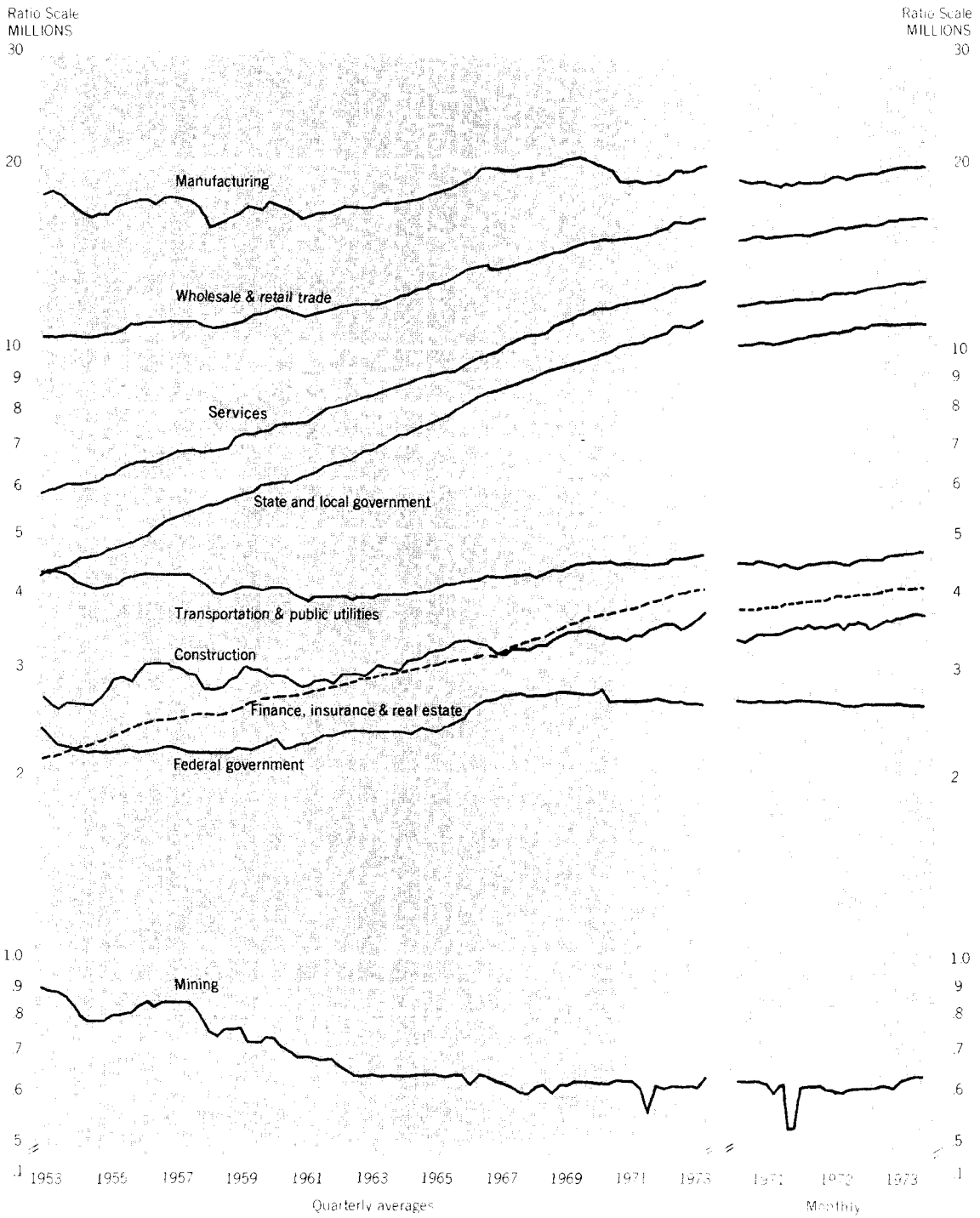
Note: Data for 2 most recent months are preliminary

Source: Table B 5.



### Chart 4. Nonagricultural payroll employment by industry 1953 to date

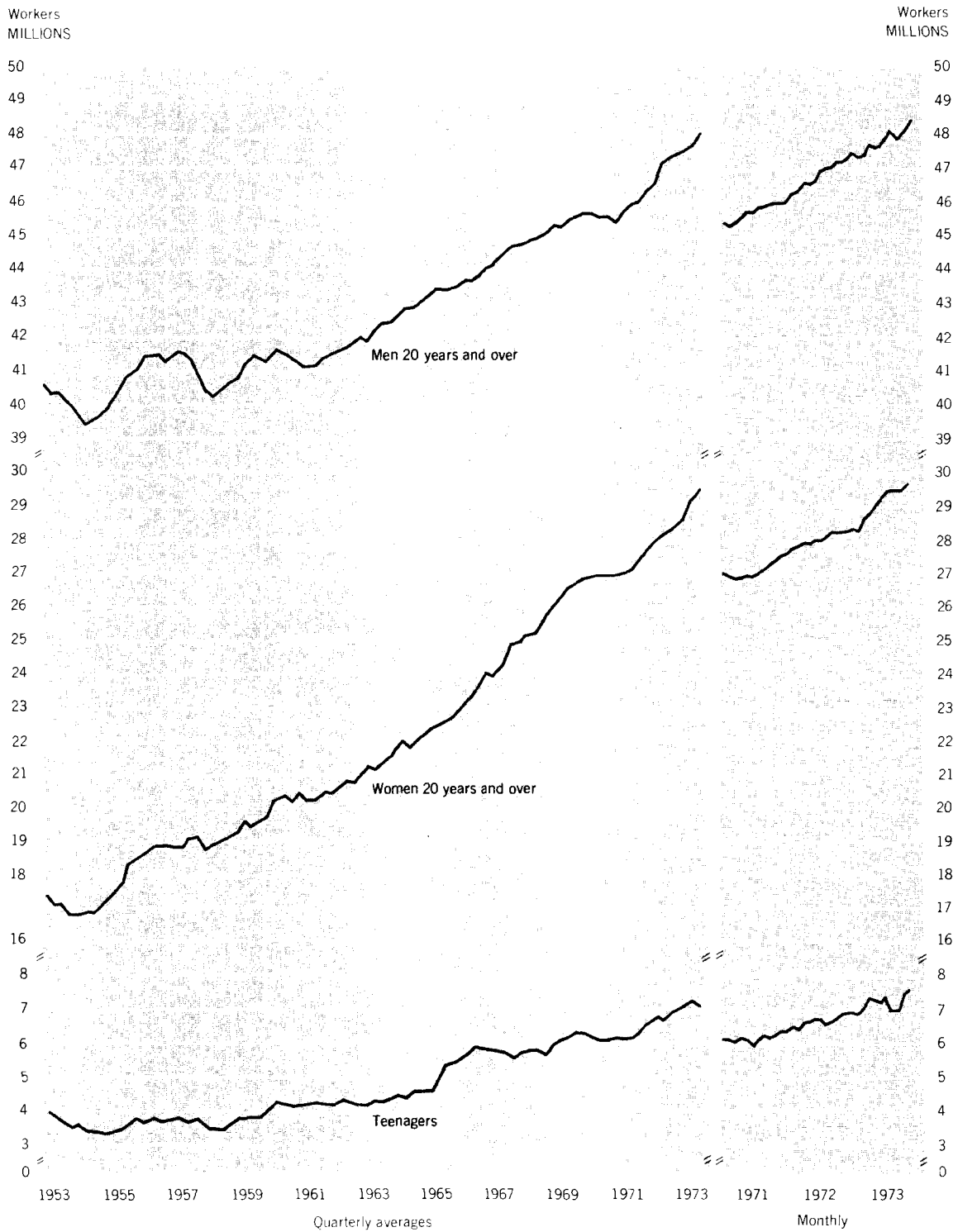
(Seasonally adjusted)



Note: Data for 2 most recent months are preliminary.

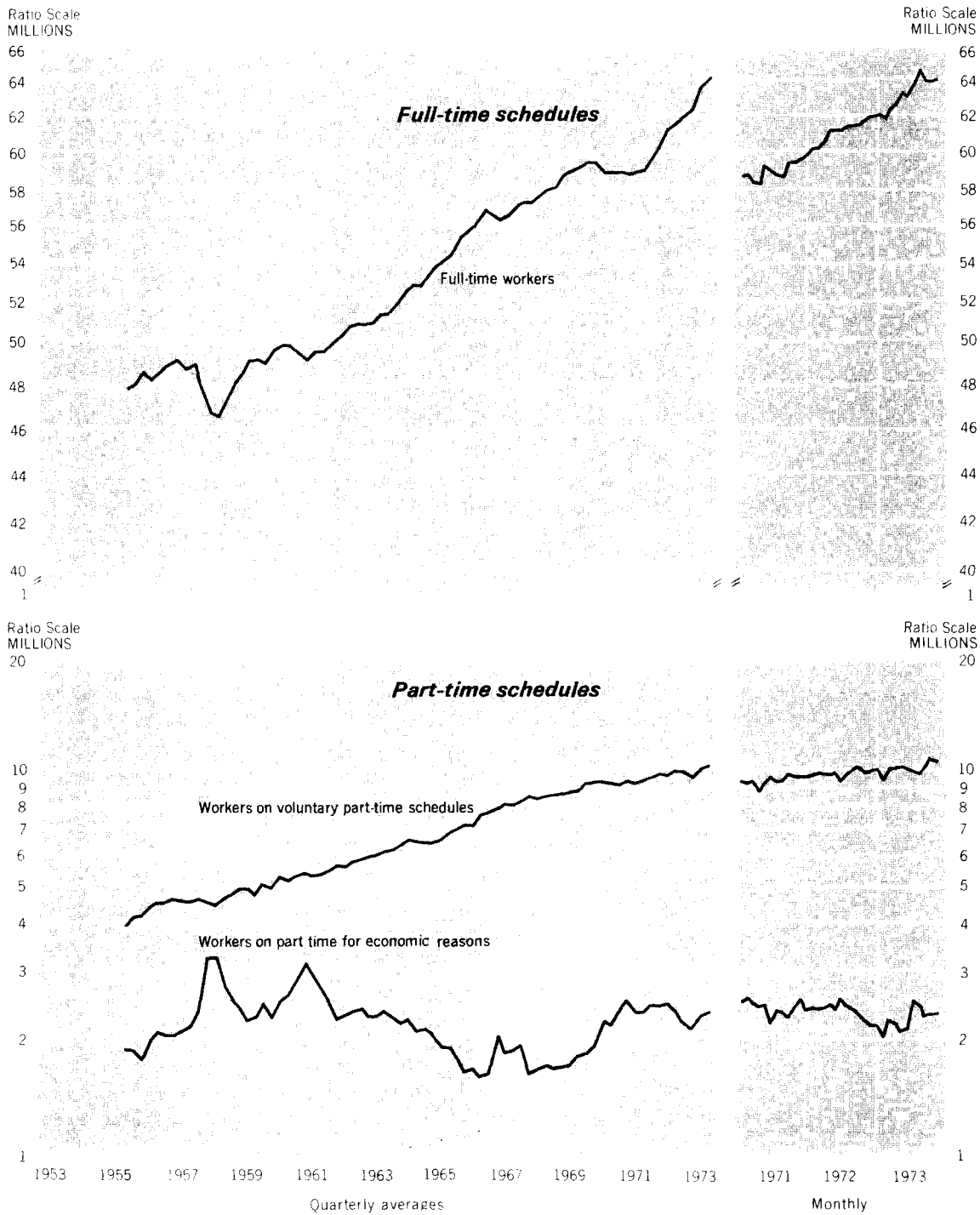
FRASER, Table 6-1

**Chart 5. Total employment by age and sex  
1953 to date**  
(Seasonally adjusted)



Source: Table A-31.

**Chart 6. Persons at work full and part time  
in nonagricultural industries  
1955 to date**  
(Seasonally adjusted)



Source: Table A 31 and unpublished data

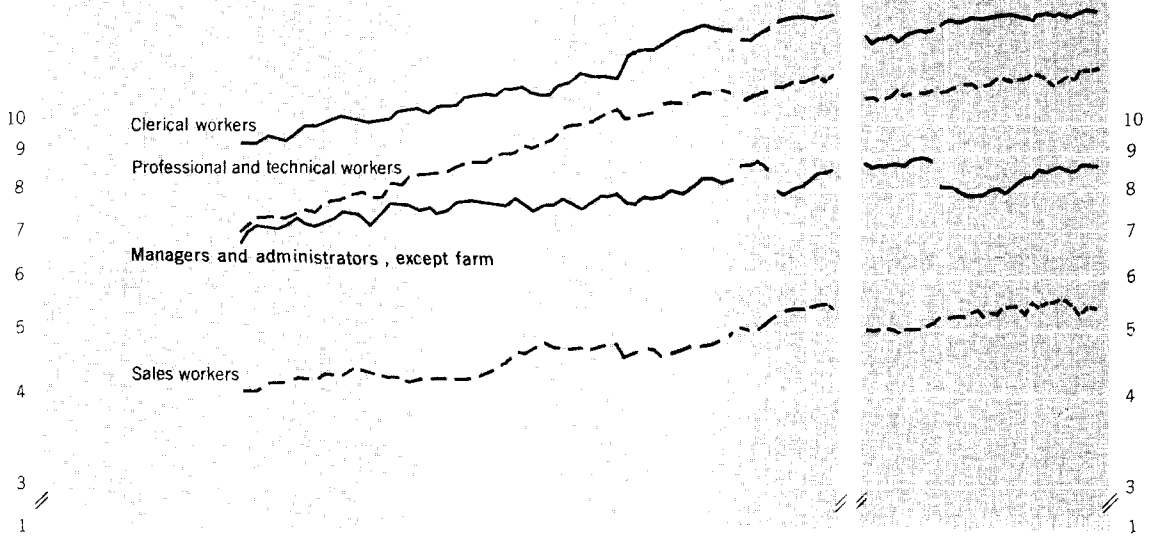
## Chart 7. Employment in nonfarm occupations 1958 to date

(Seasonally adjusted)

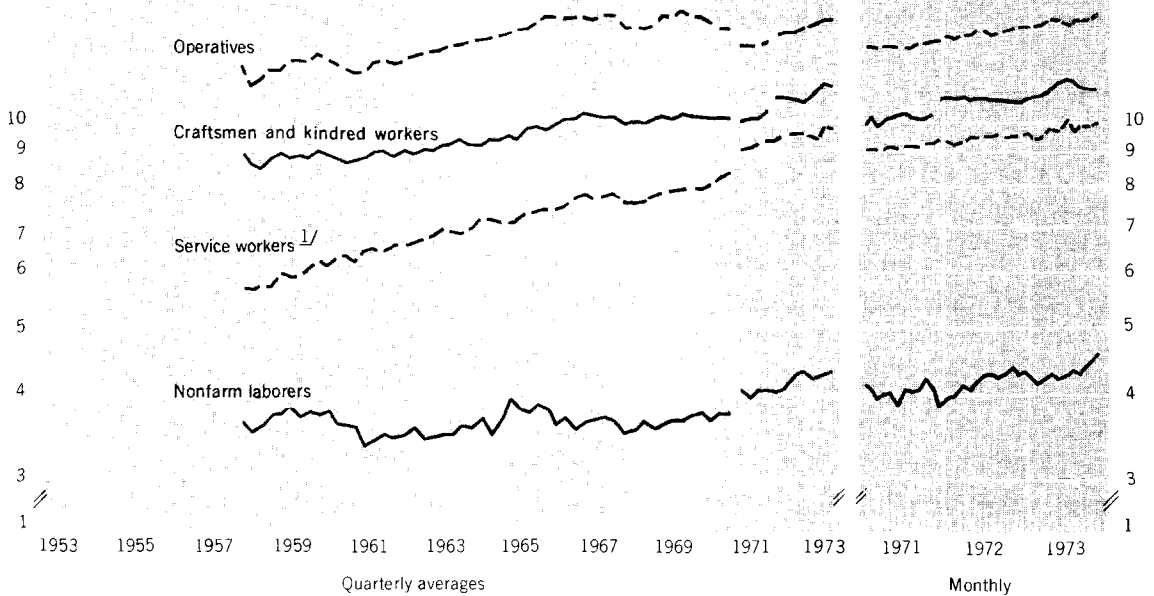
Ratio Scale  
MILLIONS  
20

Ratio Scale  
MILLIONS  
20

### White-collar workers



### Blue-collar and service workers



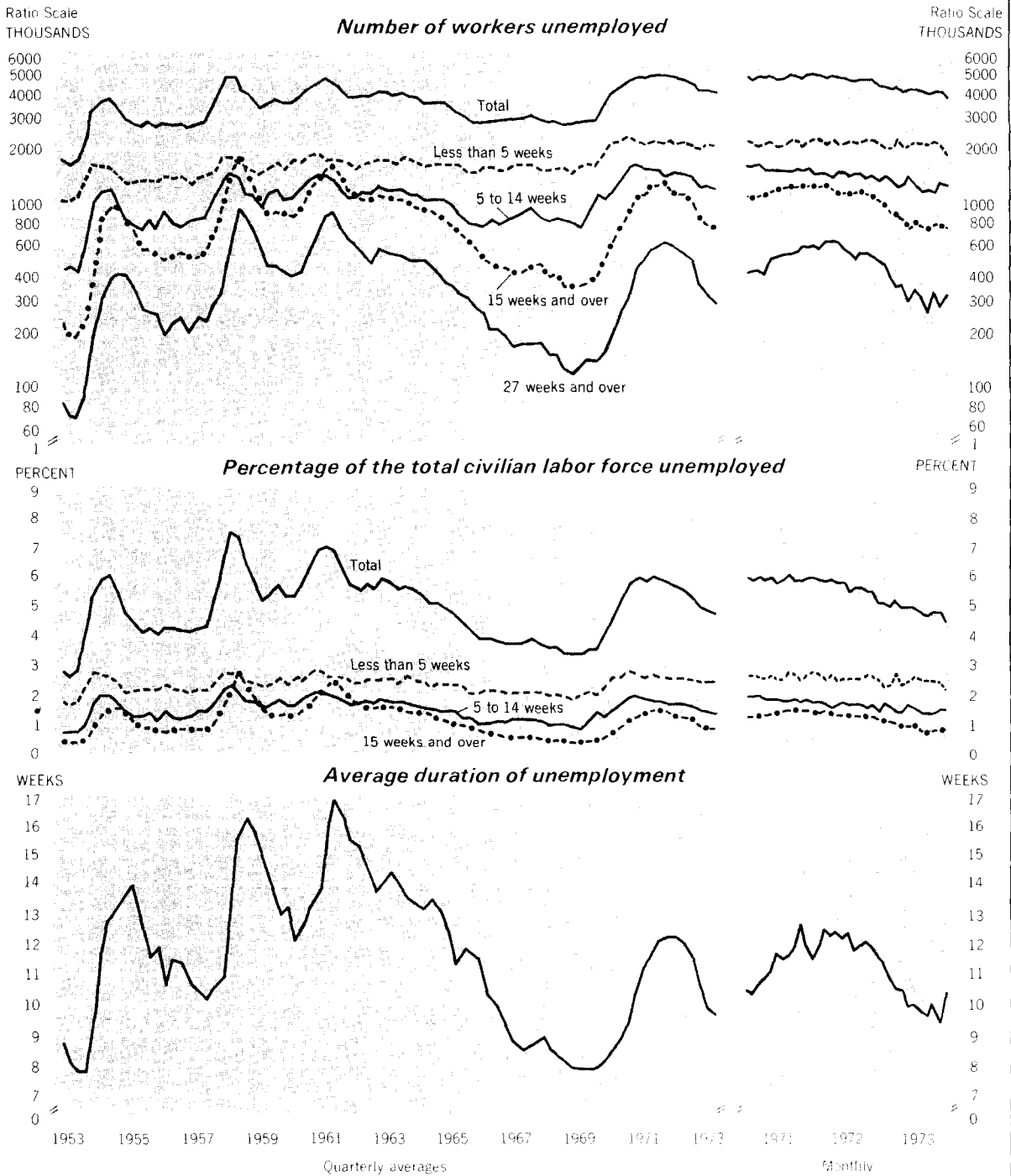
<sup>1/</sup> Excludes private household workers.

Note: The breaks in series in 1971 stem from the reclassification of occupations introduced in January and from a questionnaire change concerning "major activity" introduced in December.

Source: Table A-39.

# Chart 8. Duration of unemployment 1953 to date

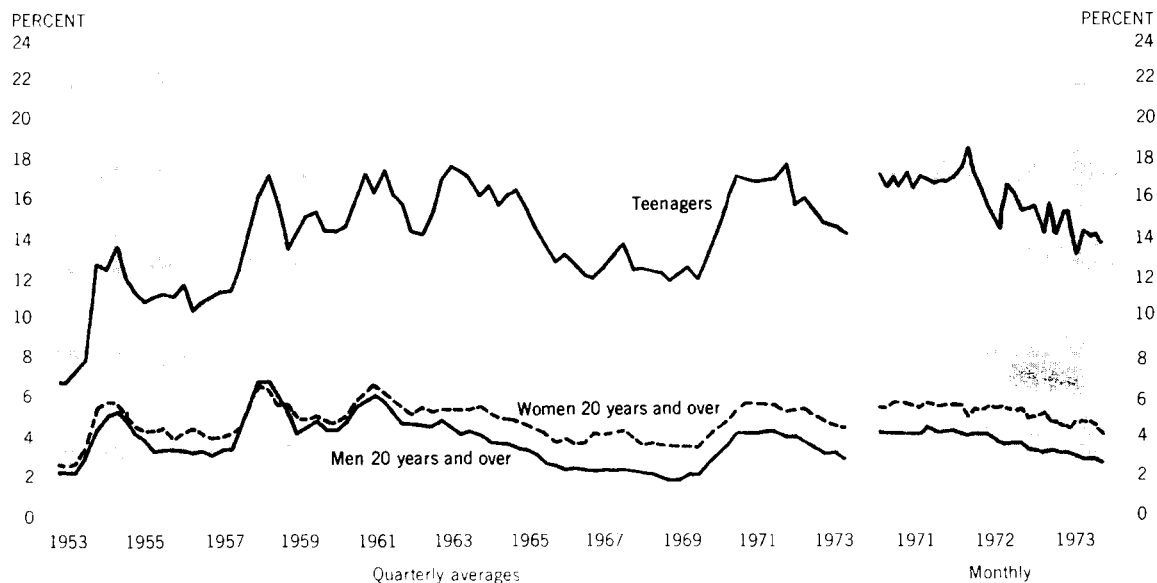
(Seasonally adjusted)



Source: Table A-34

**Chart 9. Unemployment rates by age and sex  
1953 to date**

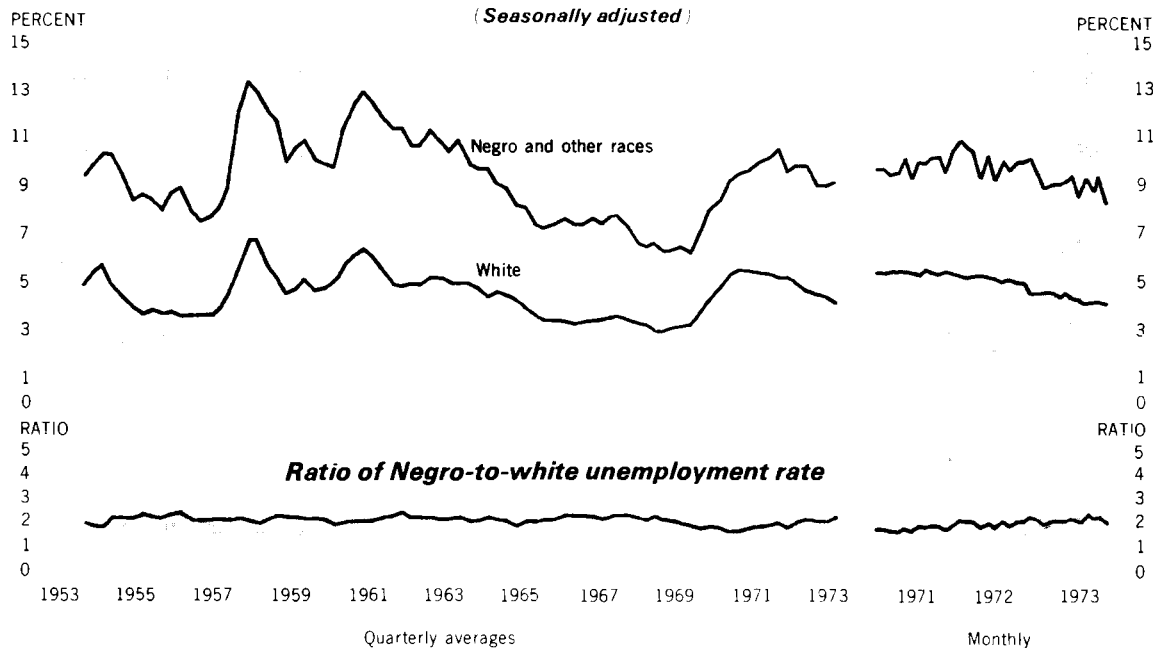
(Seasonally adjusted)



Source: Table A 33

**Chart 10. Unemployment rates by color  
1954 to date**

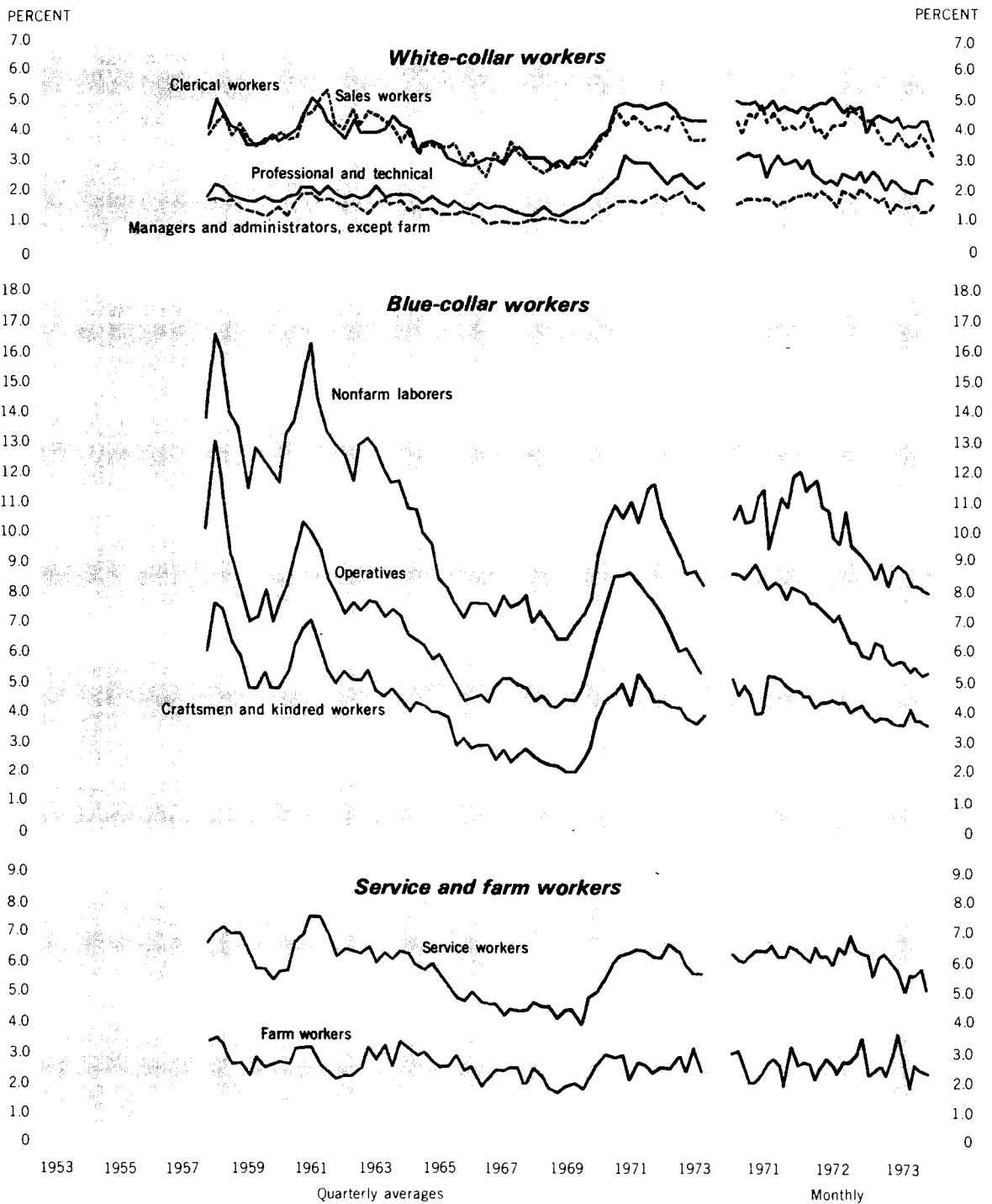
(Seasonally adjusted)



Source: Table A 33

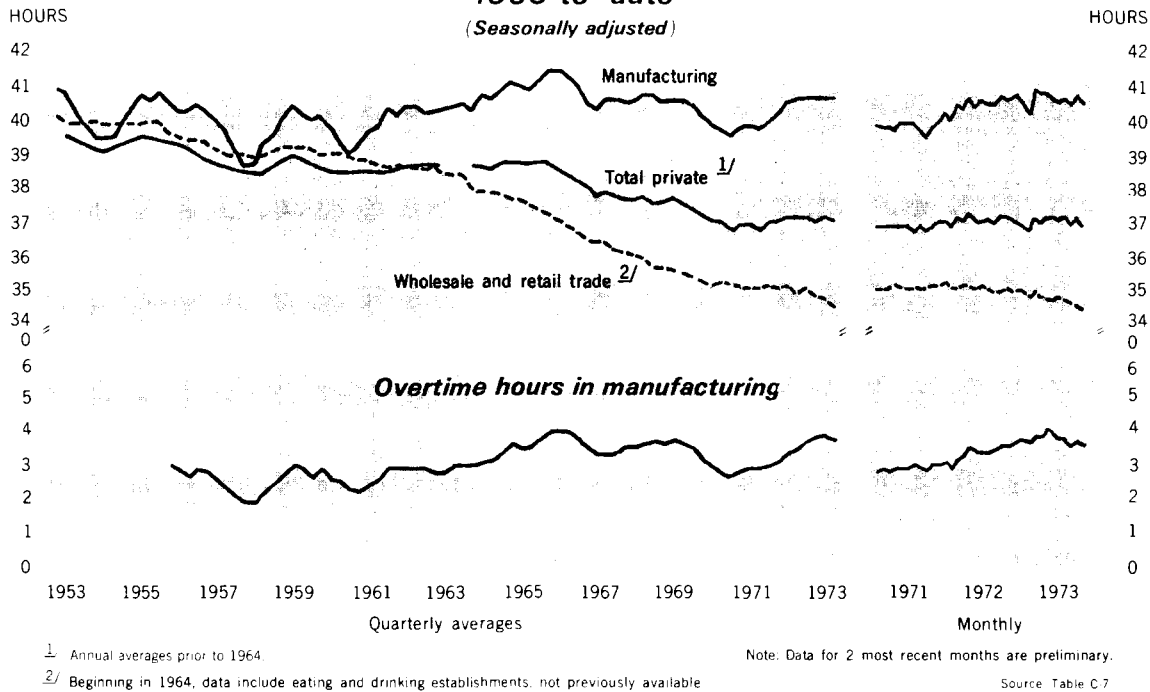
**Chart 11. Unemployment rates by occupation  
1958 to date**

(Seasonally adjusted)

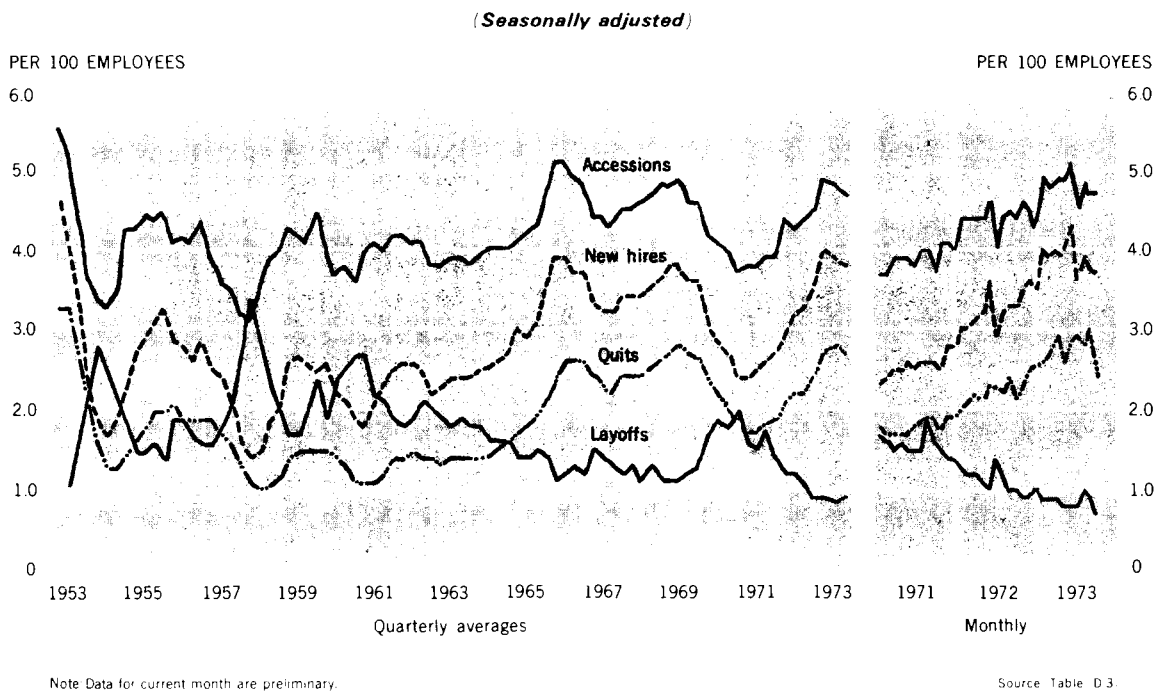


Source: Table A-35

**Chart 12. Average weekly hours in private nonagricultural establishments, manufacturing and trade  
1953 to date**



**Chart 13. Labor turnover rates in manufacturing  
1953 to date**

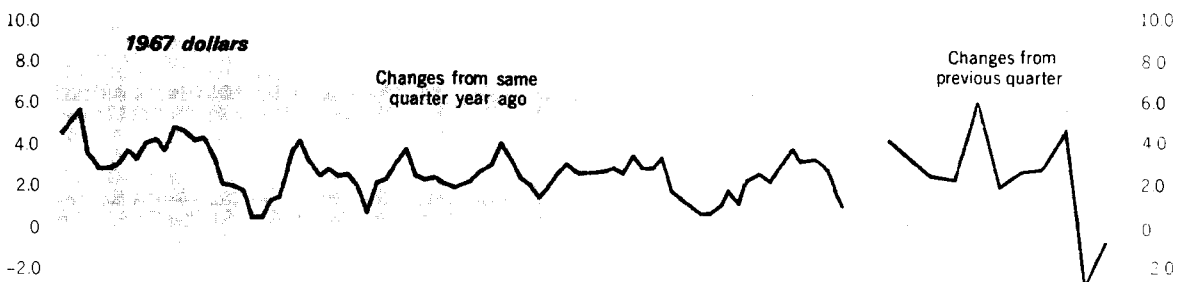
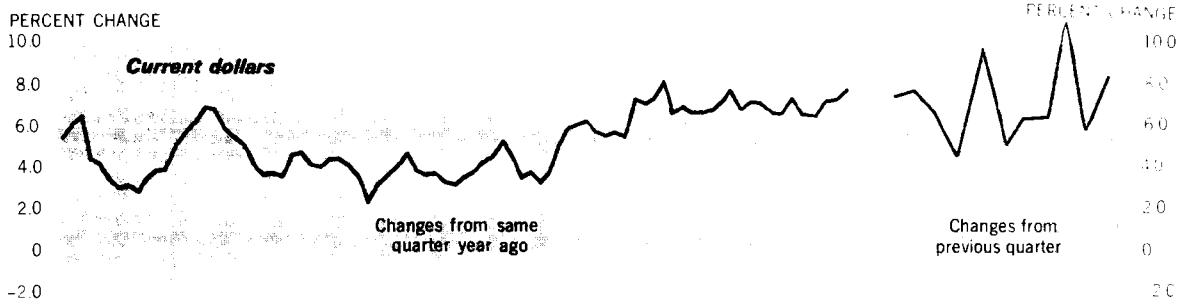




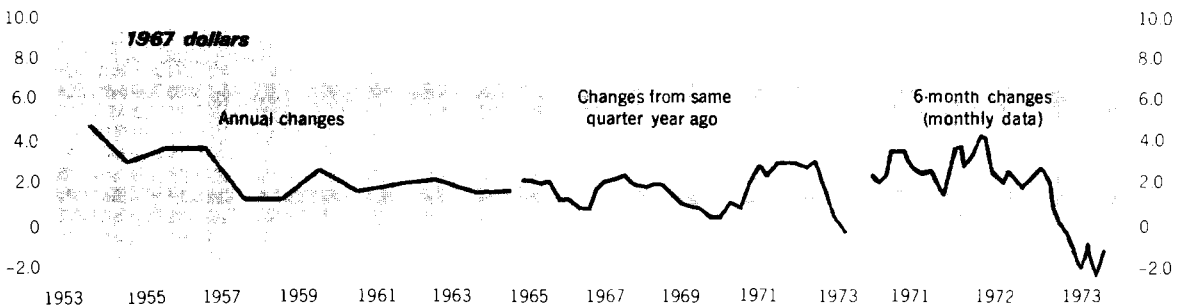
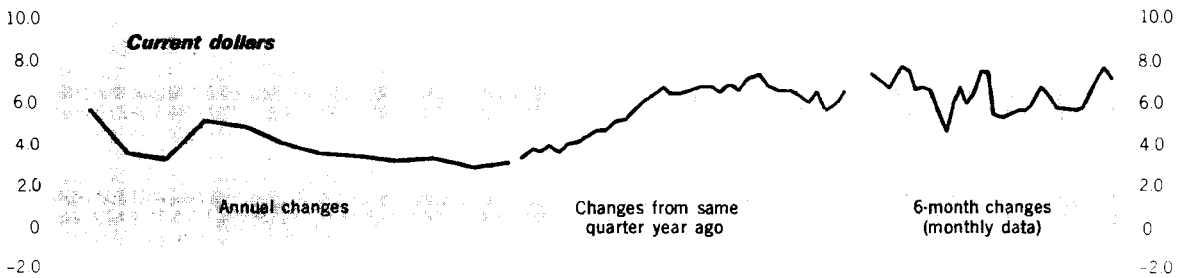
**Chart 14. Major compensation trend indicators  
in the private nonfarm economy  
1953 to date**

(Seasonally adjusted, at annual rates)

**Hourly compensation index, all employees**

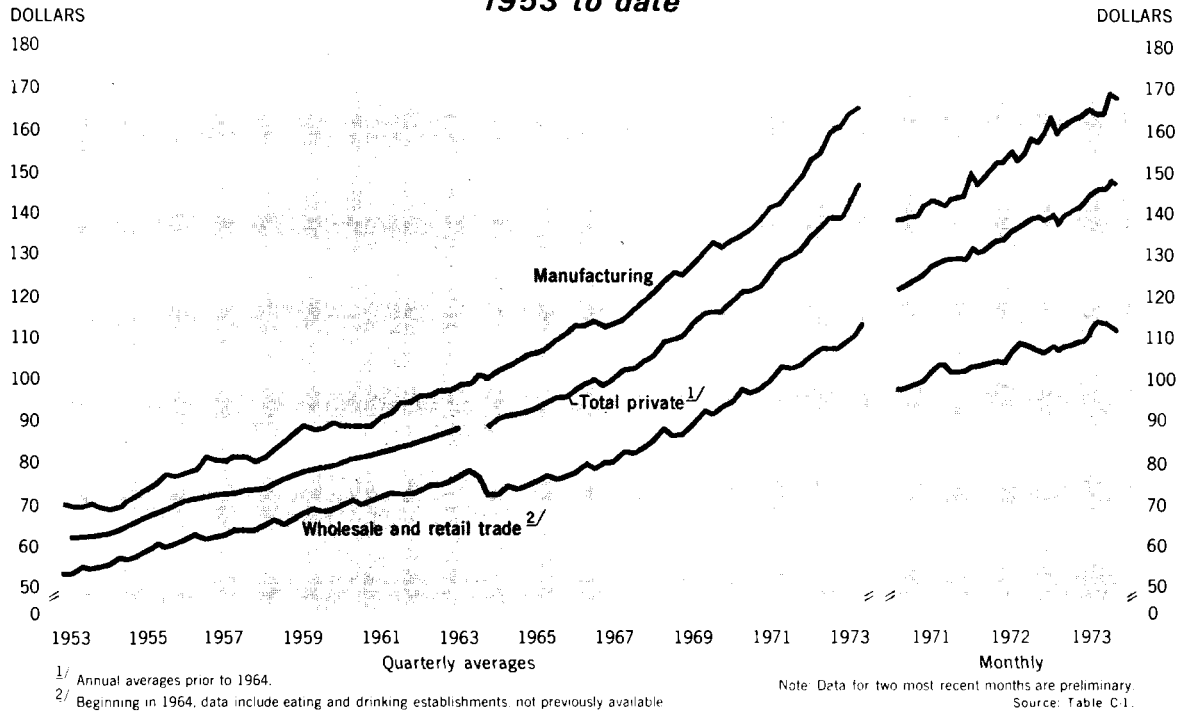


**Hourly earnings index, production or nonsupervisory employees**

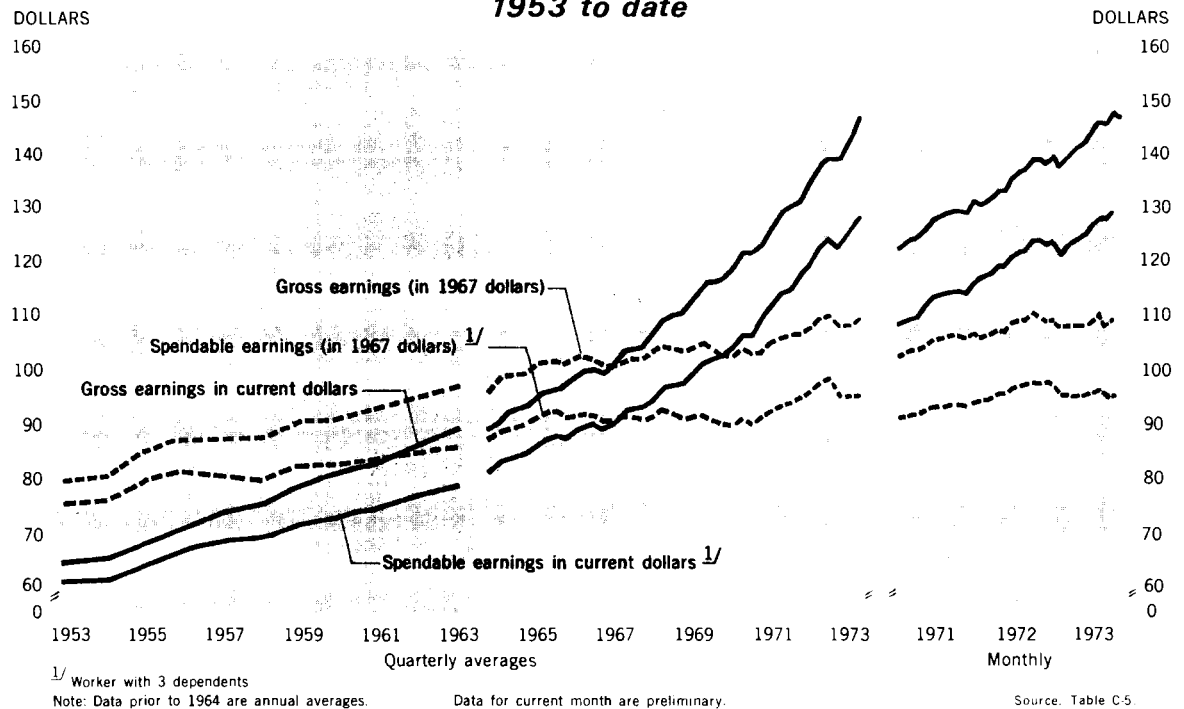


Source: Bureau of Economic Analysis

**Chart 15. Average weekly earnings in private nonagricultural establishments, manufacturing, and trade 1953 to date**



**Chart 16. Average weekly and spendable earnings of production or nonsupervisory workers on private nonagricultural payrolls 1953 to date**

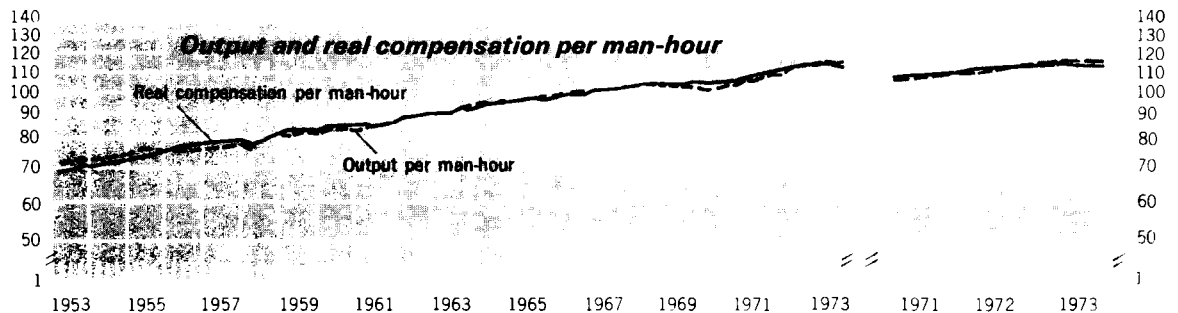
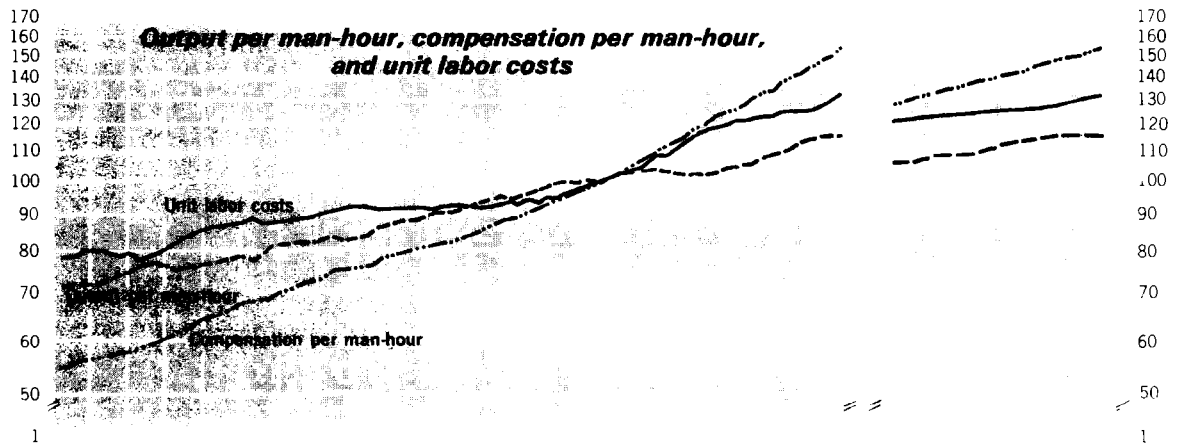
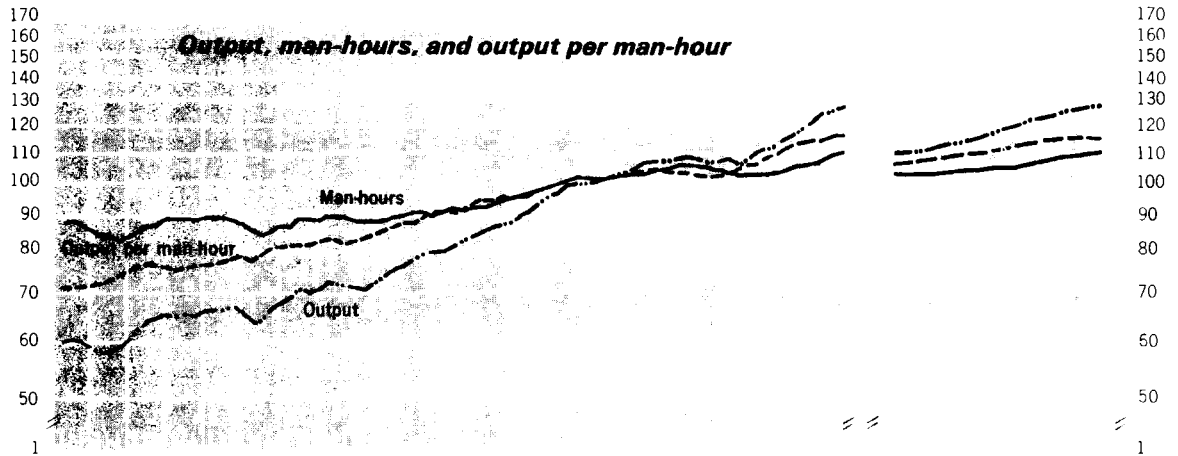


**Chart 17. Indexes of output per man-hour, hourly compensation, and unit labor costs in the private nonfarm economy 1953 to date**

(Seasonally adjusted quarterly averages)

RATIO SCALE  
INDEX (1967=100)

RATIO SCALE  
INDEX (1967=100)



Source: Table 1.10

## A-1: Employment status of the noninstitutional population, 1929 to date

(In thousands)

Year and month	Total noninstitutional population	Total labor force		Civilian labor force							Not in labor force
		Number	Percent of population	Total	Employed			Unemployed			
					Total	Agriculture	Nonagricultural industries	Number	Percent of labor force		
									Not seasonally adjusted	Seasonally adjusted	
Persons 14 years of age and over											
1929.....	(1)	49,440	(1)	49,180	47,630	10,450	37,180	1,550	3.2	-	(1)
1930.....	(1)	50,080	(1)	49,820	45,480	10,340	35,140	4,340	8.7	-	(1)
1931.....	(1)	50,680	(1)	50,420	42,400	10,290	32,110	8,020	15.9	-	(1)
1932.....	(1)	51,250	(1)	51,000	38,940	10,170	28,770	12,060	23.6	-	(1)
1933.....	(1)	51,840	(1)	51,590	38,760	10,090	28,670	12,830	24.9	-	(1)
1934.....	(1)	52,490	(1)	52,230	40,890	9,900	30,990	11,340	21.7	-	(1)
1935.....	(1)	53,140	(1)	52,870	42,260	10,110	32,150	10,610	20.1	-	(1)
1936.....	(1)	53,740	(1)	53,440	44,410	10,000	34,410	9,030	16.9	-	(1)
1937.....	(1)	54,320	(1)	54,000	46,300	9,820	36,480	7,700	14.3	-	(1)
1938.....	(1)	54,950	(1)	54,610	44,220	9,690	34,530	10,390	19.0	-	(1)
1939.....	(1)	55,600	(1)	55,230	45,750	9,610	36,140	9,480	17.2	-	(1)
1940.....	100,380	56,180	56.0	55,640	47,520	9,540	37,980	8,120	14.6	-	44,200
1941.....	101,520	57,530	56.7	55,910	50,350	9,100	41,250	5,560	9.9	-	43,990
1942.....	102,610	60,380	58.8	56,410	53,750	9,250	44,500	2,660	4.7	-	42,230
1943.....	103,660	64,560	62.3	55,540	54,470	9,080	45,390	1,070	1.9	-	39,100
1944.....	104,630	66,040	63.1	54,630	53,960	8,950	45,010	670	1.2	-	38,590
1945.....	105,530	65,300	61.9	53,860	52,820	8,580	44,240	1,040	1.9	-	40,230
1946.....	106,520	60,970	57.2	57,520	55,250	8,320	46,930	2,270	3.9	-	45,550
1947.....	107,608	61,758	57.4	60,168	57,812	8,256	49,557	2,356	3.9	-	45,850
Persons 16 years of age and over											
1947.....	103,418	60,941	58.9	59,350	57,039	7,891	49,148	2,311	3.9	-	42,477
1948.....	104,527	62,080	59.4	60,621	58,344	7,629	50,713	2,276	3.8	-	42,447
1949.....	105,611	62,903	59.6	61,286	57,649	7,656	49,990	3,637	5.9	-	42,708
1950.....	106,645	63,858	59.9	62,208	58,920	7,160	51,760	3,288	5.3	-	42,787
1951.....	107,721	65,117	60.4	62,017	59,962	6,726	53,239	2,055	3.3	-	42,604
1952.....	108,823	65,730	60.4	62,138	60,254	6,501	53,753	1,883	3.0	-	43,093
1953.....	110,601	66,560	60.2	63,015	61,181	6,261	54,922	1,834	2.9	-	44,041
1954.....	111,671	66,993	60.0	63,643	60,110	6,206	53,903	3,532	5.5	-	44,678
1955.....	112,732	68,072	60.4	65,023	62,171	6,449	55,724	2,852	4.4	-	44,660
1956.....	113,811	69,409	61.0	66,552	63,802	6,283	57,517	2,750	4.1	-	44,402
1957.....	115,065	69,729	60.6	66,929	64,071	5,947	58,123	2,859	4.3	-	45,336
1958.....	116,363	70,275	60.4	67,639	63,036	5,586	57,450	4,602	6.8	-	46,088
1959.....	117,881	70,921	60.2	68,369	64,630	5,565	59,065	3,740	5.5	-	46,960
1960.....	119,759	72,142	60.2	69,628	65,778	5,458	60,318	3,852	5.5	-	47,617
1961.....	121,343	73,031	60.2	70,459	65,746	5,200	60,546	4,714	6.7	-	48,312
1962.....	122,981	73,442	59.7	70,614	66,702	4,944	61,759	3,911	5.5	-	49,539
1963.....	125,154	74,571	59.6	71,833	67,762	4,687	63,076	4,070	5.7	-	50,583
1964.....	127,224	75,830	59.6	73,091	69,305	4,523	64,782	3,786	5.2	-	51,394
1965.....	129,236	77,178	59.7	74,455	71,088	4,361	66,726	3,366	4.5	-	52,058
1966.....	131,180	78,893	60.1	75,770	72,895	3,979	68,915	2,875	3.8	-	52,288
1967.....	133,319	80,793	60.6	77,347	74,372	3,844	70,527	2,975	3.8	-	52,527
1968.....	135,562	82,272	60.7	78,737	75,920	3,817	72,103	2,817	3.6	-	53,291
1969.....	137,841	84,240	61.1	80,734	77,902	3,606	74,296	2,832	3.5	-	53,602
1970.....	140,182	85,903	61.3	82,715	78,627	3,462	75,165	4,088	4.9	-	54,280
1971.....	142,596	86,929	61.0	84,113	79,120	3,387	75,732	4,993	5.9	-	55,666
1972.....	145,775	88,991	61.0	86,542	81,702	3,472	78,230	4,840	5.6	-	56,785
1972: October.....	146,498	89,591	61.2	87,176	82,707	3,721	78,986	4,470	5.1	5.5	56,907
1973: March.....	147,541	89,686	60.8	87,235	82,814	3,131	79,683	4,512	5.2	5.0	57,856
April.....	147,729	89,823	60.8	87,473	83,299	3,295	80,004	4,174	4.8	5.0	57,906
May.....	147,940	89,891	60.8	87,557	83,758	3,467	80,291	3,799	4.3	5.0	58,050
June.....	148,147	92,729	62.6	90,414	85,567	4,053	81,514	4,847	5.4	4.8	55,417
July.....	148,361	93,227	62.8	90,917	86,367	4,165	82,201	4,550	5.0	4.7	55,133
August.....	148,565	92,436	62.2	90,129	85,921	3,826	82,095	4,208	4.7	4.8	56,129
September.....	148,782	91,298	61.4	89,006	84,841	3,436	81,406	4,165	4.7	4.8	57,484
October.....	149,001	92,046	61.8	89,757	85,994	3,525	82,469	3,763	4.2	4.5	56,955

<sup>1</sup> Not available.<sup>2</sup> Not strictly comparable with prior years due to the introduction of population adjustments in these years. For an explanation, see "Historic Comparability" under Household Data section of Explanatory Notes.

## A-2: Employment status of the noninstitutional population 16 years and over by sex, 1947 to date

(In thousands)

Year, month, and sex	Total noninstitutional population	Total labor force		Civilian labor force							Not in labor force
		Number	Percent of population	Total	Employed			Unemployed			
					Total	Agriculture	Nonagricultural industries	Number	Percent of labor force		
							Not seasonally adjusted		Seasonally adjusted		
<b>MALE</b>											
1947	50,968	44,258	86.8	42,686	40,994	6,643	34,351	1,692	4.0	-	6,710
1948	51,439	44,729	87.0	43,286	41,726	6,358	35,368	1,559	3.6	-	6,710
1949	51,922	45,097	86.9	43,498	40,926	6,342	34,584	2,572	5.9	-	6,825
1950	52,352	45,446	86.8	43,819	41,580	6,001	35,578	2,239	5.1	-	6,906
1951	52,788	46,063	87.3	43,001	41,780	5,533	36,248	1,221	2.8	-	6,725
1952	53,248	46,416	87.2	42,869	41,684	5,389	36,294	1,185	2.8	-	6,832
1953 <sup>1</sup>	54,248	47,131	86.9	43,633	42,431	5,253	37,178	1,202	2.8	-	7,117
1954	54,706	47,275	86.4	43,965	41,620	5,200	36,418	2,344	5.3	-	7,431
1955	55,122	47,488	86.2	44,475	42,621	5,265	37,357	1,854	4.2	-	7,634
1956	55,547	47,914	86.3	45,091	43,380	5,039	38,340	1,711	3.8	-	7,633
1957	56,082	47,964	85.5	45,197	43,357	4,824	38,532	1,841	4.1	-	8,118
1958	56,640	48,126	85.0	45,521	42,423	4,596	37,827	3,098	6.8	-	8,514
1959	57,312	48,405	84.5	45,886	43,466	4,532	38,934	2,420	5.3	-	8,907
1960	58,144	48,870	84.0	46,388	43,904	4,472	39,431	2,486	5.4	-	9,274
1961	58,826	49,193	83.6	46,653	43,656	4,298	39,359	2,997	6.4	-	9,633
1962	59,626	49,395	82.8	46,600	44,177	4,069	40,108	2,423	5.2	-	10,231
1963	60,627	49,835	82.2	47,129	44,657	3,809	40,849	2,472	5.2	-	10,792
1964	61,556	50,387	81.9	47,679	45,474	3,691	41,782	2,205	4.6	-	11,169
1965	62,473	50,946	81.5	48,255	46,340	3,547	42,792	1,914	4.0	-	11,527
1966	63,351	51,560	81.4	48,471	46,919	3,243	43,675	1,551	3.2	-	11,792
1967	64,316	52,398	81.5	48,987	47,479	3,164	44,315	1,508	3.1	-	11,919
1968	65,345	53,030	81.2	49,533	48,114	3,157	44,957	1,419	2.9	-	12,315
1969	66,365	53,688	80.9	50,221	48,818	2,963	45,855	1,403	2.8	-	12,677
1970	67,409	54,343	80.6	51,195	48,960	2,861	46,099	2,235	4.4	-	13,066
1971	68,512	54,797	80.0	52,021	49,245	2,790	46,455	2,776	5.3	-	13,715
1972	69,864	55,671	79.7	53,265	50,630	2,839	47,791	2,635	4.9	-	14,193
1972: October	70,200	55,656	79.3	53,286	51,059	3,005	48,054	2,227	4.2	4.8	14,544
1973: March	70,684	55,734	78.8	53,421	50,890	2,624	48,267	2,530	4.7	4.3	14,950
April	70,770	55,792	78.8	53,489	51,203	2,752	48,451	2,286	4.3	4.4	14,978
May	70,868	55,809	78.8	53,522	51,470	2,841	48,629	2,052	3.8	4.4	15,059
June	70,963	57,857	81.5	55,593	53,150	3,225	49,925	2,443	4.4	4.1	13,106
July	71,062	58,440	82.2	56,180	53,892	3,229	50,663	2,288	4.1	3.9	12,623
August	71,158	57,777	81.2	55,521	53,486	3,072	50,414	2,035	3.7	4.0	13,380
September	71,258	56,429	79.2	54,192	52,292	2,826	49,466	1,900	3.5	3.9	14,829
October	71,361	56,663	79.4	54,429	52,610	2,880	49,730	1,819	3.3	3.9	14,698
<b>FEMALE</b>											
1947	52,450	16,683	31.8	16,664	16,045	1,248	14,797	619	3.7	-	35,767
1948	53,088	17,351	32.7	17,335	16,618	1,271	15,347	717	4.1	-	35,737
1949	53,689	17,806	33.2	17,788	16,723	1,314	15,409	1,065	6.0	-	35,883
1950	54,293	18,412	33.9	18,389	17,340	1,159	16,182	1,049	5.7	-	35,881
1951	54,933	19,054	34.7	19,016	18,182	1,193	16,990	834	4.4	-	35,879
1952	55,575	19,314	34.8	19,269	18,570	1,112	17,459	698	3.6	-	36,261
1953 <sup>1</sup>	56,353	19,429	34.5	19,382	18,750	1,008	17,744	632	3.3	-	36,924
1954	56,965	19,718	34.6	19,678	18,490	1,006	17,486	1,188	6.0	-	37,247
1955	57,610	20,584	35.7	20,548	19,550	1,184	18,367	998	4.9	-	37,026
1956	58,264	21,495	36.9	21,461	20,422	1,244	19,177	1,039	4.8	-	36,769
1957	58,983	21,765	36.9	21,732	20,714	1,123	19,591	1,018	4.7	-	37,218
1958	59,723	22,149	37.1	22,118	20,613	990	19,623	1,504	6.8	-	37,574
1959	60,569	22,516	37.2	22,483	21,164	1,033	20,131	1,320	5.9	-	38,053
1960	61,615	23,272	37.8	23,240	21,874	986	20,887	1,366	5.9	-	38,343
1961	62,517	23,838	38.1	23,806	22,090	902	21,187	1,717	7.2	-	38,679
1962	63,355	24,047	38.0	24,014	22,525	875	21,651	1,488	6.2	-	39,308
1963	64,527	24,736	38.3	24,704	23,105	878	22,227	1,598	6.5	-	39,791
1964	65,668	25,443	38.7	25,412	23,831	832	23,000	1,581	6.2	-	40,225
1965	66,763	26,232	39.3	26,200	24,748	814	23,934	1,452	5.5	-	40,531
1966	67,829	27,333	40.3	27,299	25,976	736	25,240	1,324	4.8	-	40,496
1967	69,003	28,395	41.2	28,360	26,893	680	26,212	1,468	5.2	-	40,608
1968	70,217	29,242	41.6	29,204	27,807	660	27,147	1,397	4.8	-	40,976
1969	71,476	30,551	42.7	30,513	29,084	643	28,441	1,429	4.7	-	40,924
1970	72,774	31,560	43.4	31,520	29,667	601	29,066	1,853	5.9	-	41,214
1971	74,084	32,132	43.4	32,091	29,875	598	29,277	2,217	6.9	-	41,952
1972	75,911	33,320	43.9	33,277	31,072	633	30,429	2,205	6.6	-	42,591
1972: October	76,298	33,936	44.5	33,891	31,648	716	30,932	2,243	6.6	6.7	42,363
1973: March	76,857	33,952	44.2	33,905	31,923	507	31,416	1,981	5.8	6.1	42,906
April	76,959	34,031	44.2	33,984	32,096	542	31,553	1,888	5.6	6.0	42,928
May	77,073	34,082	44.2	34,035	32,288	626	31,662	1,747	5.1	5.9	42,991
June	77,184	34,872	45.2	34,821	32,417	828	31,588	2,404	6.9	5.9	42,312
July	77,298	34,788	45.0	34,737	32,475	936	31,539	2,262	6.5	5.9	42,510
August	77,408	34,659	44.8	34,608	32,435	753	31,681	2,174	6.3	5.9	42,749
September	77,524	34,869	45.0	34,814	32,549	609	31,940	2,265	6.5	6.0	42,655
October	77,640	35,383	45.6	35,329	33,384	644	32,740	1,945	5.5	5.6	42,257

<sup>1</sup>See footnote 2, table A-1.

## A - 3: Employment status of the noninstitutional population by sex, age, and color

October 1973  
(In thousands)

Sex, age, and color	Total labor force		Civilian labor force				Not in labor force				
	Number	Percent of population	Total	Employed	Unemployed		Total	Keeping house	Going to school	Unable to work	Other reasons
					Number	Percent of labor force					
<b>MALE</b>											
16 years and over .....	56,663	79.4	54,429	52,610	1,819	3.3	14,698	243	4,318	1,763	8,374
16 to 21 years .....	7,994	66.3	7,150	6,385	765	10.7	4,068	23	3,637	40	368
16 to 19 years .....	4,891	59.5	4,527	3,956	571	12.6	3,330	17	3,039	19	255
16 and 17 years .....	2,014	48.2	1,973	1,667	307	15.5	2,164	6	2,050	4	104
18 and 19 years .....	2,877	71.2	2,554	2,289	264	10.4	1,166	11	989	15	151
20 to 64 years .....	49,808	91.0	47,939	46,754	1,184	2.5	4,917	89	1,279	1,227	2,321
20 to 24 years .....	7,998	86.0	7,086	6,689	397	5.6	1,303	23	998	56	226
25 to 54 years .....	34,797	95.5	33,842	33,212	630	1.9	1,652	29	281	636	706
25 to 29 years .....	7,453	95.4	7,088	6,872	216	3.0	359	6	189	64	100
30 to 34 years .....	6,234	97.5	5,995	5,871	123	2.1	161	2	43	53	62
35 to 39 years .....	5,303	97.0	5,093	5,019	74	1.5	163	3	27	73	60
40 to 44 years .....	5,297	96.1	5,198	5,133	65	1.2	215	3	11	90	110
45 to 49 years .....	5,415	95.0	5,385	5,298	86	1.6	288	--	4	129	154
50 to 54 years .....	5,095	91.6	5,083	5,019	65	1.3	466	14	7	227	219
55 to 64 years .....	7,013	78.1	7,011	6,854	157	2.2	1,962	37	1	534	1,391
55 to 59 years .....	4,131	85.8	4,129	4,039	90	2.2	682	17	1	273	391
60 to 64 years .....	2,882	69.2	2,882	2,815	67	2.3	1,280	20	--	261	999
65 years and over .....	1,963	23.3	1,963	1,900	64	3.2	6,451	137	--	517	5,798
65 to 69 years .....	1,109	34.3	1,109	1,066	43	3.9	2,125	39	--	183	1,903
70 years and over .....	855	16.5	855	834	21	2.4	4,326	98	--	334	3,895
<b>White</b>											
16 years and over .....	50,684	79.9	48,764	47,315	1,449	3.0	12,753	194	3,594	1,429	7,537
16 to 21 years .....	7,042	67.8	6,330	5,723	607	9.6	3,345	23	3,006	35	282
16 to 19 years .....	4,359	61.7	4,053	3,591	461	11.4	2,702	17	2,479	20	186
16 and 17 years .....	1,853	51.7	1,818	1,563	255	14.0	1,730	7	1,650	5	68
18 and 19 years .....	2,506	72.1	2,235	2,029	206	9.2	972	10	829	15	118
20 to 64 years .....	44,569	91.4	42,955	42,019	936	2.2	4,170	63	1,115	998	1,994
20 to 24 years .....	6,970	86.2	6,188	5,901	288	4.6	1,113	14	882	46	170
25 to 54 years .....	31,165	95.9	30,335	29,827	508	1.7	1,326	20	232	508	567
25 to 29 years .....	12,192	96.8	11,668	11,398	270	2.3	405	7	194	92	112
30 to 34 years .....	9,471	97.2	9,203	9,098	104	1.1	275	4	28	119	124
35 to 54 years .....	9,503	93.6	9,464	9,331	133	1.4	645	8	10	297	331
55 to 64 years .....	6,434	78.1	6,432	6,291	141	2.2	1,732	29	1	445	1,257
55 to 59 years .....	3,804	86.7	3,802	3,718	84	2.2	583	13	1	223	346
60 to 64 years .....	2,630	69.6	2,630	2,573	57	2.2	1,149	16	--	222	912
65 years and over .....	1,756	23.0	1,756	1,704	52	3.0	5,881	114	--	411	5,356
<b>Negro and other races</b>											
16 years and over .....	5,979	75.5	5,665	5,295	369	6.5	1,945	49	724	335	838
16 to 21 years .....	952	56.8	821	662	158	19.3	723	--	631	5	87
16 to 19 years .....	532	45.9	474	364	110	23.1	629	--	560	--	69
16 and 17 years .....	161	27.0	156	104	52	33.1	435	--	400	--	36
18 and 19 years .....	371	65.7	319	260	58	18.3	194	--	160	1	33
20 to 64 years .....	5,239	87.5	4,984	4,736	248	5.0	747	26	164	229	327
20 to 24 years .....	1,028	84.3	897	788	109	12.2	191	9	116	10	56
25 to 54 years .....	3,632	91.8	3,507	3,384	122	3.5	326	10	49	129	138
25 to 29 years .....	1,495	92.9	1,414	1,345	69	4.9	115	1	39	25	50
30 to 34 years .....	1,129	91.7	1,088	1,054	35	3.2	103	2	10	45	46
35 to 54 years .....	1,008	90.2	1,004	986	18	1.8	109	6	1	60	42
55 to 64 years .....	579	71.6	579	563	17	2.9	230	7	1	89	133
55 to 59 years .....	327	76.8	327	321	6	2.0	99	3	--	50	46
60 to 64 years .....	252	65.8	252	242	10	4.0	131	4	1	39	87
65 years and over .....	207	26.7	207	195	12	5.7	570	23	--	106	442

A-3: Employment status of the noninstitutional population by sex, age, and color--Continued  
October 1973  
(In thousands)

Sex, age, and color	Total labor force		Civilian labor force				Not in labor force				
	Number	Percent of population	Total	Employed	Unemployed		Total	Keeping house	Going to school	Unable to work	Other reasons
					Number	Percent of labor force					
<b>FEMALE</b>											
16 years and over .....	35,383	45.6	35,329	33,384	1,945	5.5	42,257	34,858	4,133	1,054	2,212
16 to 21 years .....	6,056	51.4	6,029	5,307	722	12.0	5,719	1,740	3,704	23	253
16 to 19 years .....	3,793	47.4	3,781	3,233	548	14.5	4,204	832	3,151	17	204
16 and 17 years .....	1,598	39.4	1,598	1,332	266	16.6	2,460	227	2,133	5	94
18 and 19 years .....	2,196	55.7	2,184	1,901	283	12.9	1,744	605	1,017	13	109
20 to 64 years .....	30,538	52.9	30,495	29,118	1,378	4.5	27,160	24,801	978	432	950
20 to 24 years .....	5,747	62.2	5,719	5,301	418	7.3	3,487	2,617	755	15	99
25 to 54 years .....	20,593	53.8	20,579	19,721	857	4.2	17,668	16,730	213	226	499
25 to 29 years .....	4,274	53.9	4,266	4,044	222	5.2	3,657	3,415	107	29	106
30 to 34 years .....	3,307	50.2	3,305	3,124	180	5.5	3,283	3,159	44	18	61
35 to 39 years .....	3,081	54.0	3,079	2,942	137	4.5	2,624	2,520	26	27	50
40 to 44 years .....	3,219	55.3	3,218	3,109	109	3.4	2,600	2,483	22	27	67
45 to 49 years .....	3,407	55.5	3,407	3,300	107	3.1	2,732	2,562	6	47	117
50 to 54 years .....	3,304	54.4	3,304	3,202	102	3.1	2,773	2,590	8	77	98
55 to 64 years .....	4,199	41.1	4,199	4,096	103	2.4	6,005	5,454	9	191	352
55 to 59 years .....	2,560	47.7	2,560	2,498	63	2.4	2,802	2,569	6	101	127
60 to 64 years .....	1,638	33.8	1,638	1,598	40	2.4	3,203	2,885	3	90	225
65 years and over .....	1,052	8.8	1,052	1,033	18	1.7	10,893	9,225	4	605	1,058
65 to 69 years .....	640	15.9	640	624	16	2.5	3,386	2,997	3	79	307
70 years and over .....	412	5.2	412	409	2	.6	7,507	6,228	1	526	751
<b>White</b>											
16 years and over .....	30,857	45.1	30,809	29,279	1,531	5.0	37,584	31,429	3,368	837	1,950
16 to 21 years .....	5,421	53.9	5,399	4,848	551	10.2	4,635	1,407	3,038	19	171
16 to 19 years .....	3,438	50.5	3,428	2,990	438	12.8	3,375	667	2,558	15	134
16 and 17 years .....	1,491	43.2	1,491	1,253	1,238	16.0	1,961	184	1,700	5	72
18 and 19 years .....	1,947	57.9	1,937	1,737	200	10.3	1,414	482	858	11	63
20 to 64 years .....	26,490	52.2	26,453	25,378	1,075	4.1	24,216	22,229	807	337	845
20 to 24 years .....	4,982	62.8	4,958	4,661	297	6.0	2,955	2,235	626	8	86
25 to 54 years .....	17,733	52.9	17,720	17,035	685	3.9	15,799	15,007	172	180	439
25 to 29 years .....	6,405	50.7	6,397	6,095	302	4.7	6,229	5,921	123	42	143
30 to 34 years .....	5,397	53.9	5,394	5,193	202	3.7	4,621	4,436	40	42	104
35 to 44 years .....	5,930	54.5	5,929	5,748	181	3.1	4,949	4,650	10	96	193
55 to 64 years .....	3,775	40.9	3,775	3,682	93	2.5	5,463	4,986	9	148	319
55 to 59 years .....	2,303	47.4	2,303	2,246	57	2.5	2,551	2,358	6	76	112
60 to 64 years .....	1,472	33.6	1,472	1,436	36	2.5	2,911	2,629	3	72	207
65 years and over .....	928	8.5	928	911	17	1.9	9,993	8,533	3	485	971
<b>Negro and other races</b>											
16 years and over .....	4,527	49.2	4,519	4,105	414	9.2	4,673	3,429	765	217	262
16 to 21 years .....	634	36.9	630	460	171	27.1	1,084	332	666	4	82
16 to 19 years .....	355	30.0	353	243	110	31.1	829	166	593	2	69
16 and 17 years .....	107	17.6	107	79	27	25.7	499	43	433	--	22
18 and 19 years .....	248	42.9	247	164	83	33.5	331	125	159	2	47
20 to 64 years .....	4,049	57.9	4,043	3,740	303	7.5	2,944	2,572	172	95	105
20 to 24 years .....	765	59.0	761	640	121	15.9	532	382	130	7	14
25 to 54 years .....	2,859	60.5	2,858	2,685	173	6.1	1,869	1,723	41	46	60
25 to 29 years .....	1,175	62.3	1,174	1,073	101	8.6	711	653	29	6	24
30 to 34 years .....	903	60.0	903	858	45	4.9	603	568	8	13	14
35 to 44 years .....	781	58.4	781	754	27	3.5	556	502	4	28	22
55 to 64 years .....	424	43.9	424	414	9	2.2	542	467	--	42	33
55 to 59 years .....	258	50.7	258	252	6	2.2	251	211	--	24	15
60 to 64 years .....	166	36.3	166	162	4	2.2	291	256	--	18	17
65 years and over .....	123	12.0	123	122	1	.8	900	692	1	120	87

## A - 4: Labor force by sex, age, and color

Sex, age, and color	Total labor force				Civilian labor force			
	Thousands of persons		Participation rate		Thousands of persons		Participation rate	
	Oct. 1972	Oct. 1973	Oct. 1972	Oct. 1973	Oct. 1972	Oct. 1973	Oct. 1972	Oct. 1973
<b>MALE</b>								
16 years and over .....	55,656	56,663	79.3	79.4	53,286	54,429	78.6	78.7
16 to 19 years .....	4,559	4,891	56.6	59.5	4,211	4,527	54.7	57.6
16 and 17 years .....	1,815	2,014	44.1	48.2	1,776	1,973	43.6	47.7
18 and 19 years .....	2,744	2,877	69.7	71.2	2,435	2,554	67.1	68.7
20 to 24 years .....	7,759	7,998	85.2	86.0	6,731	7,086	83.3	84.5
25 to 34 years .....	34,084	34,797	95.2	95.5	33,092	33,842	95.0	95.3
35 to 44 years .....	13,006	13,687	95.9	96.3	12,389	13,082	95.7	96.2
45 to 54 years .....	10,626	10,600	96.5	96.6	10,300	10,291	96.4	96.5
55 to 64 years .....	10,452	10,510	93.0	93.3	10,403	10,468	92.9	93.3
60 to 64 years .....	7,170	7,013	80.6	78.1	7,167	7,011	80.6	78.1
65 years and over .....	4,180	4,131	87.5	85.8	4,177	4,129	87.4	85.8
	2,990	2,882	72.7	69.2	2,990	2,882	72.7	69.2
	2,084	1,963	25.0	23.3	2,084	1,963	25.0	23.3
<b>White</b>								
16 years and over .....	50,015	50,684	79.9	79.9	47,945	48,764	79.2	79.3
16 to 19 years .....	4,081	4,359	58.8	61.7	3,780	4,053	57.0	60.0
16 and 17 years .....	1,666	1,853	47.2	51.7	1,632	1,818	46.7	51.2
18 and 19 years .....	2,414	2,506	70.9	72.1	2,148	2,235	68.5	69.7
20 to 24 years .....	6,810	6,970	85.4	86.2	5,908	6,188	83.5	84.8
25 to 34 years .....	30,647	31,165	95.6	95.9	29,783	30,335	95.5	95.8
35 to 44 years .....	11,632	12,192	96.2	96.8	11,096	11,668	96.0	96.6
45 to 54 years .....	9,522	9,471	97.1	97.2	9,238	9,203	97.0	97.1
55 to 64 years .....	9,493	9,503	93.6	93.6	9,448	9,464	93.6	93.6
60 to 64 years .....	6,579	6,434	81.3	78.8	6,576	6,432	81.3	78.8
65 years and over .....	3,840	3,804	88.1	86.7	3,837	3,802	88.1	86.7
	2,740	2,630	73.4	69.6	2,739	2,630	73.4	69.6
	1,898	1,756	25.1	23.0	1,898	1,756	25.1	23.0
<b>Negro and other races</b>								
16 years and over .....	5,641	5,979	74.3	75.5	5,341	5,665	73.2	74.4
16 to 19 years .....	479	532	42.9	45.9	431	474	40.3	43.0
16 and 17 years .....	148	161	25.6	27.0	144	156	25.0	26.3
18 and 19 years .....	330	371	61.6	65.7	287	319	58.3	62.2
20 to 24 years .....	948	1,028	83.8	84.3	824	897	81.8	82.5
25 to 34 years .....	3,437	3,632	91.1	91.8	3,309	3,507	88.8	91.5
35 to 44 years .....	1,374	1,495	93.8	92.9	1,293	1,414	93.4	92.5
45 to 54 years .....	1,104	1,129	91.6	91.7	1,062	1,088	91.3	91.4
55 to 64 years .....	958	1,008	87.0	90.2	954	1,004	87.0	90.2
60 to 64 years .....	591	579	73.6	71.6	591	579	73.6	71.6
65 years and over .....	340	327	80.4	76.8	340	327	80.4	76.8
	250	252	66.0	65.8	250	252	66.0	65.8
	187	207	24.3	26.7	187	207	24.3	26.7



A- 4: Labor force by sex, age, and color--Continued

Sex, age, and color	Total labor force				Civilian labor force			
	Thousands of persons		Participation rate		Thousands of persons		Participation rate	
	Oct. 1972	Oct. 1973	Oct. 1972	Oct. 1973	Oct. 1972	Oct. 1973	Oct. 1972	Oct. 1973
<b>FEMALE</b>								
16 years and over .....	33,936	35,383	44.5	45.6	33,891	35,329	44.4	45.5
16 to 19 years .....	3,467	3,793	44.3	47.4	3,458	3,781	44.2	47.4
16 and 17 years .....	1,403	1,598	35.2	39.4	1,403	1,598	35.2	39.4
18 and 19 years .....	2,064	2,196	53.7	55.7	2,055	2,184	53.6	55.6
20 to 24 years .....	5,503	5,747	60.8	62.2	5,479	5,719	60.7	62.1
25 to 34 years .....	19,602	20,593	52.1	53.8	19,589	20,579	52.0	53.8
25 to 34 years .....	6,860	7,581	49.3	52.2	6,851	7,571	49.3	52.2
35 to 44 years .....	6,122	6,300	52.9	54.7	6,119	6,297	52.9	54.7
45 to 54 years .....	6,621	6,712	54.4	54.9	6,620	6,710	54.4	54.9
55 to 64 years .....	4,225	4,199	42.0	41.1	4,225	4,190	42.0	41.1
55 to 59 years .....	2,567	2,560	48.4	47.7	2,567	2,560	48.4	47.7
60 to 64 years .....	1,658	1,638	34.8	33.8	1,658	1,638	34.8	33.8
65 years and over .....	1,139	1,052	9.7	8.8	1,139	1,052	9.7	8.8
<b>White</b>								
16 years and over .....	29,636	30,857	43.9	45.1	29,596	30,809	43.9	45.0
16 to 19 years .....	3,132	3,438	46.8	50.5	3,125	3,428	46.7	50.4
16 and 17 years .....	1,294	1,491	38.0	43.2	1,293	1,491	38.0	43.2
18 and 19 years .....	1,839	1,947	55.8	57.9	1,831	1,937	55.7	57.8
20 to 24 years .....	4,781	4,982	61.0	62.8	4,761	4,958	60.9	62.7
25 to 34 years .....	16,902	17,733	51.0	52.9	16,890	17,720	51.0	52.9
25 to 34 years .....	5,787	6,405	47.6	50.7	5,780	6,397	47.6	50.7
35 to 44 years .....	5,218	5,397	51.7	53.9	5,215	5,394	51.7	53.9
45 to 54 years .....	5,896	5,930	54.2	54.5	5,895	5,929	54.2	54.5
55 to 64 years .....	3,811	3,775	41.8	40.9	3,810	3,775	41.8	40.9
55 to 59 years .....	2,320	2,303	48.3	47.4	2,320	2,303	48.3	47.4
60 to 64 years .....	1,490	1,472	34.5	33.6	1,490	1,472	34.5	33.6
65 years and over .....	1,010	928	9.4	8.5	1,010	928	9.4	8.5
<b>Negro and other races</b>								
16 years and over .....	4,300	4,527	48.8	49.2	4,294	4,519	48.8	49.2
16 to 19 years .....	335	355	29.5	30.0	333	353	29.4	29.9
16 and 17 years .....	110	107	18.7	17.6	110	107	18.7	17.6
18 and 19 years .....	225	248	41.2	42.9	224	247	41.0	42.7
20 to 24 years .....	722	765	59.2	59.0	718	761	59.1	58.8
25 to 34 years .....	2,701	2,859	59.7	60.5	2,700	2,858	59.7	60.5
25 to 34 years .....	1,072	1,175	61.5	62.3	1,071	1,174	61.4	62.3
35 to 44 years .....	904	903	61.2	60.0	904	903	61.2	60.0
45 to 54 years .....	725	781	55.7	58.4	725	781	55.7	58.4
55 to 64 years .....	414	424	44.1	43.9	414	424	44.1	43.9
55 to 59 years .....	246	258	49.6	50.7	246	258	49.6	50.7
60 to 64 years .....	168	166	38.0	36.3	168	166	38.0	36.3
65 years and over .....	128	123	12.9	12.0	128	123	12.9	12.0

# HOUSEHOLD DATA

26

**A- 5: Employment status of persons 16-21 years of age in the noninstitutional population by color and sex**  
October 1973  
(In thousands)

Employment status	Total			White			Negro and other races		
	Both sexes	Male	Female	Both sexes	Male	Female	Both sexes	Male	Female
Total noninstitutional population	23,837	12,062	11,775	20,444	10,388	10,056	3,393	1,675	1,719
Total labor force	14,050	7,994	6,056	12,463	7,042	5,421	1,586	952	634
Percent of population	58.9	66.3	51.4	61.0	67.8	53.9	46.7	56.8	36.9
Civilian labor force	13,179	7,150	6,029	11,728	6,330	5,399	1,451	821	630
Employed	11,692	6,385	5,307	10,570	5,723	4,848	1,122	662	460
Agriculture	527	439	88	492	410	82	36	29	7
Nonagricultural industries	11,165	5,946	5,219	10,079	5,313	4,766	1,087	634	453
Unemployed	1,487	765	722	1,158	607	551	329	158	171
Percent of labor force	11.3	10.7	12.0	9.9	9.6	10.2	22.7	19.3	27.1
Looking for full-time work	782	408	373	552	293	259	230	115	115
Looking for part-time work	705	357	348	606	314	293	99	44	56
Not in labor force	9,787	4,068	5,719	7,980	3,345	4,635	1,807	723	1,084
Major activity: going to school									
Civilian labor force	3,909	2,155	1,754	3,604	1,980	1,624	305	175	130
Employed	3,237	1,798	1,439	3,029	1,675	1,354	207	122	85
Agriculture	185	156	29	179	151	28	6	5	1
Nonagricultural industries	3,052	1,641	1,410	2,851	1,524	1,326	201	117	84
Unemployed	672	357	315	574	305	270	98	52	45
Percent of labor force	17.2	16.6	18.0	15.9	15.4	16.6	32.1	30.0	34.9
Looking for full-time work	38	26	12	26	16	9	12	10	2
Looking for part-time work	634	331	303	548	288	260	86	43	43
Not in labor force	7,341	3,637	3,704	6,044	3,006	3,038	1,298	631	666
Major activity: other									
Civilian labor force	9,271	4,996	4,275	8,125	4,350	3,775	1,146	646	500
Employed	8,456	4,587	3,868	7,541	4,047	3,494	915	540	375
Agriculture	342	282	60	313	259	54	29	24	6
Nonagricultural industries	8,114	4,305	3,809	7,228	3,788	3,439	886	516	369
Unemployed	815	408	407	584	302	282	231	106	125
Percent of labor force	8.8	8.2	9.5	7.2	7.0	7.5	20.2	16.4	25.0
Looking for full-time work	744	382	362	526	277	249	218	105	113
Looking for part-time work	71	26	45	58	25	32	13	1	12
Not in labor force	2,446	431	2,015	1,937	340	1,597	510	92	418

**A- 6: Employment status of the noninstitutional population 16 years and over by sex, age, and color**  
(In thousands)

Employment status and color	Total		Men, 20 years and over		Women, 20 years and over		Both sexes, 16-19 years	
	Oct. 1972	Oct. 1973	Oct. 1972	Oct. 1973	Oct. 1972	Oct. 1973	Oct. 1972	Oct. 1973
	<b>Total</b>							
Total noninstitutional population	146,498	149,001	62,148	63,139	68,466	69,643	15,884	16,219
Total labor force	89,591	92,046	51,097	51,771	30,469	31,590	8,026	8,685
Percent of population	61.2	61.8	82.2	82.0	44.5	45.4	50.5	53.5
Civilian labor force	87,176	89,757	49,075	49,902	30,433	31,547	7,669	8,308
Employed	82,707	85,994	47,431	48,654	28,752	30,151	6,523	7,189
Agriculture	3,721	3,525	2,703	2,558	645	584	373	382
Nonagricultural industries	78,986	82,469	44,729	46,096	28,108	29,567	6,150	6,807
Unemployed	4,470	3,763	1,643	1,248	1,680	1,396	1,146	1,119
Percent of labor force	5.1	4.2	3.3	2.5	5.5	4.4	14.9	13.5
Not in labor force	56,907	56,955	11,051	11,368	37,998	38,053	7,858	7,534
<b>White</b>								
Total noninstitutional population	130,102	131,878	55,672	56,377	60,795	61,627	13,634	13,874
Total labor force	79,651	81,541	45,934	46,325	26,503	27,418	7,213	7,798
Percent of population	61.2	61.8	82.5	82.2	43.6	44.5	52.9	56.2
Civilian labor force	77,541	79,574	44,164	44,711	26,472	27,381	6,905	7,481
Employed	73,969	76,594	42,786	43,723	25,169	26,289	6,014	6,581
Agriculture	3,440	3,221	2,482	2,315	615	544	343	362
Nonagricultural industries	70,529	73,373	40,305	41,409	24,554	25,745	5,671	6,219
Unemployed	3,575	2,980	1,378	988	1,303	1,092	891	900
Percent of labor force	4.6	3.7	3.1	2.2	4.9	4.0	12.9	12.0
Not in labor force	50,451	50,337	9,738	10,051	34,292	34,209	6,421	6,076
<b>Negro and other races</b>								
Total noninstitutional population	16,396	17,123	6,475	6,763	7,671	8,015	2,249	2,345
Total labor force	9,941	10,505	5,162	5,446	3,965	4,172	813	887
Percent of population	60.6	61.4	79.7	80.5	51.7	52.0	36.2	37.8
Civilian labor force	9,635	10,184	4,910	5,191	3,961	4,166	764	827
Employed	8,738	9,401	4,645	4,931	3,584	3,862	509	608
Agriculture	281	304	221	244	30	40	30	20
Nonagricultural industries	8,457	9,096	4,424	4,687	3,554	3,822	479	587
Unemployed	897	783	265	260	377	304	255	220
Percent of labor force	9.3	7.7	5.4	5.0	9.5	7.3	33.4	26.5
Not in labor force	6,456	6,618	1,313	1,317	3,706	3,844	1,436	1,458

## A-7: Full- and part-time status of the civilian labor force by color, sex, and age

October 1973  
(Numbers in thousands)

Age and sex	Full-time labor force					Part-time labor force			
	Total	Employed		Unemployed (looking for full-time work)		Total	Employed on voluntary part time <sup>1</sup>	Unemployed (looking for part-time work)	
		Full- time schedules <sup>1</sup>	Part time for economic reasons	Number	Percent of full-time labor force			Number	Percent of part-time labor force
<b>TOTAL</b>									
Total, 16 years and over	75,792	70,797	2,350	2,645	3.5	13,965	12,847	1,118	8.0
16 to 21 years	7,958	6,604	573	782	9.8	5,221	4,516	705	13.5
16 to 17 years	4,066	3,211	354	502	12.3	4,242	3,625	618	14.6
16 to 18 years	754	524	103	126	16.8	2,817	2,371	446	15.8
18 to 19 years	3,312	2,686	251	375	11.3	1,425	1,254	172	12.0
20 years and over	71,726	67,586	1,996	2,143	3.0	9,723	9,223	500	5.1
20 to 24 years	11,002	9,897	447	657	6.0	1,803	1,646	157	8.7
25 years and over	60,724	57,689	1,549	1,487	2.4	7,920	7,577	343	4.3
25 to 54 years	49,156	46,754	1,179	1,225	2.5	5,263	5,000	264	5.0
55 years and over	11,568	10,936	370	262	2.3	2,657	2,577	80	3.0
<b>Males, 16 years and over</b>	49,568	47,143	1,079	1,345	2.7	4,861	4,388	473	9.7
16 to 21 years	4,478	3,773	297	408	9.1	2,672	2,315	357	13.4
16 to 17 years	2,318	1,876	184	258	11.1	2,209	1,896	313	14.2
20 years and over	47,249	45,267	895	1,087	2.3	2,652	2,492	160	6.0
20 to 24 years	6,286	5,743	222	320	5.1	800	723	77	9.6
25 years and over	40,963	39,523	672	767	1.9	1,852	1,769	83	4.5
25 to 54 years	33,166	32,070	498	598	1.8	675	643	31	4.6
55 years and over	7,797	7,454	174	169	2.2	1,177	1,126	51	4.3
<b>Females, 16 years and over</b>	26,224	23,654	1,271	1,300	5.0	9,104	8,460	645	7.1
16 to 21 years	3,480	2,830	276	373	10.7	2,549	2,201	348	13.7
16 to 19 years	1,748	1,335	169	244	13.9	2,033	1,729	305	15.0
20 years and over	24,476	22,319	1,101	1,056	4.3	7,071	6,731	340	4.8
20 to 24 years	4,716	4,154	225	337	7.1	1,003	923	80	8.0
25 years and over	19,761	18,165	877	719	3.6	6,068	5,808	260	4.3
25 to 54 years	15,990	14,683	681	626	3.9	4,588	4,356	231	5.0
55 years and over	3,770	3,482	196	93	2.5	1,480	1,451	29	2.0
<b>WHITE</b>									
<b>Males, 16 years and over</b>	44,344	42,434	868	1,041	2.3	4,421	4,012	408	9.2
16 to 21 years	3,849	3,318	237	293	7.6	2,481	2,167	314	12.6
16 to 17 years	2,004	1,660	153	190	9.5	2,049	1,778	272	13.2
20 years and over	42,340	40,719	715	851	2.0	2,371	2,235	137	5.8
20 to 24 years	5,451	5,055	178	218	4.0	738	668	70	9.5
25 years and over	36,889	35,719	537	634	1.7	1,634	1,566	67	4.1
25 to 54 years	29,764	28,884	398	482	1.6	571	545	26	4.6
55 years and over	7,125	6,835	139	151	2.1	1,062	1,021	41	3.9
<b>Females, 16 years and over</b>	22,569	20,578	1,007	984	4.4	8,240	7,694	546	6.6
16 to 21 years	3,042	2,556	228	259	8.5	2,357	2,064	293	12.4
16 to 19 years	1,536	1,211	146	179	11.6	1,893	1,633	260	13.7
20 years and over	21,034	19,367	861	806	3.8	6,348	6,061	287	4.5
20 to 24 years	4,052	3,645	176	232	5.7	906	841	65	7.2
25 years and over	16,982	15,722	685	574	3.4	5,442	5,220	221	4.1
25 to 54 years	13,550	12,532	526	492	3.6	4,170	3,977	193	4.6
55 years and over	3,431	3,190	159	82	2.4	1,271	1,244	28	2.2
<b>NEGRO AND OTHER RACES</b>									
<b>Males, 16 years and over</b>	5,224	4,709	211	304	5.8	440	375	65	14.8
16 to 21 years	630	456	60	113	18.2	191	147	44	22.8
16 to 17 years	315	215	31	68	21.7	159	118	42	26.1
20 years and over	4,910	4,494	180	236	4.8	281	257	24	8.4
20 to 24 years	835	688	44	102	12.2	62	55	7	(2)
25 years and over	4,074	3,806	136	134	3.3	218	203	16	7.3
25 to 54 years	3,402	3,187	100	116	3.4	104	98	6	5.8
55 years and over	672	619	35	18	2.7	114	105	11	9.6
<b>Females, 16 years and over</b>	3,655	3,076	264	315	8.6	864	766	98	11.4
16 to 21 years	437	275	48	115	26.2	193	137	56	28.9
16 to 19 years	212	123	24	65	30.7	141	96	45	31.8
20 years and over	3,443	2,952	240	250	7.3	723	670	54	7.4
20 to 24 years	664	509	49	105	15.9	97	82	15	15.8
25 years and over	2,779	2,443	191	145	5.2	627	587	39	6.2
25 to 54 years	2,440	2,151	155	135	5.5	418	380	38	9.1
55 years and over	339	292	37	11	3.2	209	208	1	.5

<sup>1</sup> Employed persons with a job but not at work are distributed proportionately among the full- and part-time employed categories.<sup>2</sup> Percent not shown where base is less than 75,000.

A- 8: Unemployed persons by sex and age

Age	Male				Female			
	Thousands of persons		Unemployment rates		Thousands of persons		Unemployment rates	
	Oct. 1972	Oct. 1973	Oct. 1972	Oct. 1973	Oct. 1972	Oct. 1973	Oct. 1972	Oct. 1973
<b>Total, 16 years and over</b> .....	2,227	1,819	4.2	3.3	2,243	1,945	6.6	5.5
16 to 19 years .....	584	571	13.9	12.6	563	548	16.3	14.4
16 and 17 years .....	299	307	16.8	15.5	253	266	18.0	16.6
18 and 19 years .....	285	264	11.7	10.4	310	283	15.1	12.9
20 years and over .....	1,643	1,248	3.3	2.5	1,680	1,396	5.5	4.4
20 to 24 years .....	542	397	8.1	5.6	534	418	9.8	7.3
25 years and over .....	1,101	851	2.6	2.0	1,146	979	4.6	3.8
25 to 34 years .....	358	339	2.9	2.6	439	403	6.4	5.3
35 to 44 years .....	227	139	2.2	1.4	308	246	5.0	3.9
45 to 54 years .....	229	151	2.2	1.4	228	209	3.4	3.1
55 to 64 years .....	203	157	2.8	2.2	124	103	2.9	2.4
55 to 59 years .....	100	90	2.4	2.2	84	63	3.3	2.4
60 to 64 years .....	103	67	3.4	2.3	41	40	2.5	2.4
65 years and over .....	84	64	4.0	3.2	47	18	4.1	1.7
<b>Household head, 16 years and over</b> .....	1,075	841	2.5	1.9	430	377	5.8	5.0
16 to 24 years .....	171	142	4.4	3.3	94	67	10.8	6.9
25 to 54 years .....	628	485	2.0	1.5	245	247	5.8	5.6
55 years and over .....	276	215	3.1	2.5	91	63	4.0	2.8

A- 9: Unemployed persons by marital status, sex, age, and color

Marital status, age, and color	Male				Female			
	Thousands of persons		Unemployment rates		Thousands of persons		Unemployment rates	
	Oct. 1972	Oct. 1973	Oct. 1972	Oct. 1973	Oct. 1972	Oct. 1973	Oct. 1972	Oct. 1973
<b>Total, 16 years and over</b> .....	2,227	1,819	4.2	3.3	2,243	1,945	6.6	5.5
Married, spouse present .....	919	699	2.3	1.7	1,040	894	5.3	4.3
Widowed, divorced, or separated .....	167	136	5.4	4.2	415	354	6.5	5.5
Single (never married) .....	1,140	983	10.9	8.9	788	697	10.1	8.6
<b>Total, 20 to 64 years of age</b> .....	1,559	1,184	3.3	2.5	1,633	1,378	5.6	4.5
Married, spouse present .....	830	644	2.2	1.7	955	802	5.0	4.0
Widowed, divorced, or separated .....	155	119	5.6	4.0	375	335	6.7	5.8
Single (never married) .....	575	421	9.0	6.3	304	242	6.5	5.1
<b>White, 16 years and over</b> .....	1,839	1,449	3.8	3.0	1,733	1,531	5.9	5.0
Married, spouse present .....	778	580	2.1	1.6	879	756	5.0	4.1
Widowed, divorced, or separated .....	126	101	5.1	3.9	299	239	5.8	4.7
Single (never married) .....	936	769	10.2	8.0	555	535	8.2	7.6
<b>White, 20 to 64 years of age</b> .....	1,311	936	3.1	2.2	1,258	1,075	4.9	4.1
Married, spouse present .....	707	532	2.0	1.5	804	687	4.7	3.8
Widowed, divorced, or separated .....	116	92	5.3	3.9	263	223	5.9	4.9
Single (never married) .....	489	312	8.8	5.4	191	164	4.8	4.1
<b>Negro and other races, 16 years and over</b> .....	387	369	7.3	6.5	510	414	11.9	9.2
Married, spouse present .....	142	119	4.1	3.3	161	137	7.9	6.3
Widowed, divorced, or separated .....	41	36	6.6	5.5	116	115	9.2	8.6
Single (never married) .....	204	215	16.0	15.3	233	162	23.3	16.3
<b>Negro and other races, 20 to 64 years of age</b> .....	248	248	5.3	5.0	375	303	9.8	7.5
Married, spouse present .....	124	111	3.8	3.2	151	114	7.6	5.4
Widowed, divorced, or separated .....	40	28	6.8	4.7	111	111	9.6	8.9
Single (never married) .....	87	109	10.1	11.6	113	77	16.1	11.1

A-10: Unemployed persons by occupation of last job and sex

Occupation	Thousands of persons		Unemployment rates					
			Total		Male		Female	
	Oct. 1972	Oct. 1973	Oct. 1972	Oct. 1973	Oct. 1972	Oct. 1973	Oct. 1972	Oct. 1973
<b>TOTAL</b> .....	4,470	3,763	5.1	4.2	4.2	3.3	6.6	5.5
White-collar workers .....	1,462	1,136	3.6	2.7	2.4	1.7	4.7	3.7
Professional and technical .....	293	264	2.4	2.1	2.2	1.6	2.9	2.9
Managers and administrators, except farm .....	168	132	2.0	1.5	1.6	1.3	3.7	2.2
Sales workers .....	239	162	4.2	2.9	2.9	1.9	6.0	4.3
Clerical workers .....	762	577	5.1	3.8	3.9	2.4	5.4	4.2
Blue-collar workers .....	1,601	1,415	5.2	4.4	4.7	3.9	7.6	7.1
Craftsmen and kindred workers .....	383	342	3.4	2.9	3.4	2.9	4.5	4.0
Carpenters and other construction craftsmen .....	194	172	5.4	4.6	5.3	4.5	(1)	(1)
All other .....	189	170	2.5	2.1	2.4	2.1	3.6	3.0
Operatives, except transport .....	691	645	6.1	5.4	4.7	4.0	8.2	7.5
Transport equipment operatives .....	148	98	4.4	2.8	4.3	3.0	4.7	.5
Nonfarm laborers .....	379	330	8.2	7.0	8.5	6.9	4.5	9.0
Construction laborers .....	118	120	11.7	12.9	11.6	12.8	(1)	(1)
All other .....	261	210	7.3	5.6	7.5	5.3	4.0	8.8
Service workers .....	707	574	6.1	4.8	5.4	4.5	6.5	5.0
Private household .....	49	58	3.4	4.0	--	--	3.5	4.1
All other .....	658	516	6.5	4.9	5.5	4.5	7.2	5.2
Farmers and farm laborers .....	92	68	2.7	2.1	2.4	1.6	4.0	4.6
No previous work experience .....	608	571	--	--	--	--	--	--
16 to 19 years .....	462	452	--	--	--	--	--	--
20 to 24 years .....	110	73	--	--	--	--	--	--
25 years and over .....	37	46	--	--	--	--	--	--

<sup>1</sup>Percent not shown where base is less than 75,000.

A-11: Unemployed persons by industry of last job and sex

Industry	Percent distribution		Unemployment rates					
			Total		Male		Female	
	Oct. 1972	Oct. 1973	Oct. 1972	Oct. 1973	Oct. 1972	Oct. 1973	Oct. 1972	Oct. 1973
<b>Total</b> .....	100.0	100.0	5.1	4.2	4.2	3.3	6.6	5.5
Nonagricultural private wage and salary workers .....	72.8	71.2	5.2	4.1	4.3	3.4	6.5	5.2
Mining .....	.4	.4	2.8	2.3	2.5	2.5	(1)	--
Construction .....	7.3	8.0	7.5	6.6	7.5	6.5	7.7	7.4
Manufacturing .....	21.9	20.3	4.8	3.5	3.6	2.6	7.5	5.6
Durable goods .....	11.3	11.7	4.2	3.4	3.7	2.7	6.3	5.8
Primary metal industries .....	1.0	.9	3.7	2.5	3.5	2.6	5.6	2.1
Fabricated metal products .....	1.4	1.6	4.1	3.9	3.8	3.5	4.9	5.3
Machinery .....	1.8	1.4	4.0	2.3	3.1	1.7	8.7	5.1
Electrical equipment .....	1.8	2.5	4.0	4.0	3.5	2.5	4.7	6.1
Motor vehicles and equipment .....	.5	.7	1.8	2.1	1.7	1.7	3.1	5.0
All other transportation equipment .....	1.3	1.3	6.3	4.6	5.8	4.6	8.9	4.6
Other durable goods industries .....	3.5	3.2	5.3	4.0	4.4	3.0	7.7	6.8
Nondurable goods .....	10.6	8.7	5.5	3.7	3.5	2.4	8.3	5.5
Food and kindred products .....	2.9	1.7	7.1	3.3	5.1	2.2	11.9	5.8
Textile mill products .....	.9	1.1	4.2	4.0	3.0	3.0	5.7	5.2
Apparel and other finished textile products .....	2.3	2.1	6.9	5.4	5.5	4.4	7.3	5.6
Other nondurable goods industries .....	4.5	3.8	4.6	3.2	2.8	2.2	8.8	5.3
Transportation and public utilities .....	3.1	3.2	2.9	2.6	2.4	2.3	4.6	3.4
Railroads and railway express .....	.4	.3	2.6	1.5	2.5	1.6	(1)	--
Other transportation .....	1.6	1.9	3.4	3.4	2.9	3.2	5.9	4.2
Communication and other public utilities .....	1.1	1.0	2.5	2.0	1.7	1.3	4.1	3.2
Wholesale and retail trade .....	20.7	20.1	6.0	4.8	4.8	3.5	7.6	6.4
Finance, insurance, and real estate .....	3.4	3.2	3.7	2.8	2.8	1.7	4.6	3.8
Service industries .....	16.0	15.8	5.4	4.5	5.1	4.3	5.6	4.5
Professional services .....	6.2	6.4	3.9	3.3	3.1	2.8	4.3	3.6
All other service industries .....	9.8	9.4	7.2	5.8	6.9	5.6	7.4	5.9
Agricultural wage and salary workers .....	2.5	2.0	8.0	5.4	7.4	4.1	10.9	10.8
All other classes of workers .....	11.1	11.7	2.2	1.9	1.8	1.5	2.9	2.6
No previous work experience .....	13.6	15.2	--	--	--	--	--	--

<sup>1</sup>Percent not shown where base is less than 75,000.

A-12: Unemployed persons by reason for unemployment, sex, age, and color

October 1973

Reason for unemployment	Total unemployed		Male, 20 years and over		Female, 20 years and over		Both sexes, 16 to 19 years		White		Negro and other races	
	Oct. 1972	Oct. 1973	Oct. 1972	Oct. 1973	Oct. 1972	Oct. 1973	Oct. 1972	Oct. 1973	Oct. 1972	Oct. 1973	Oct. 1972	Oct. 1973
<b>Unemployment level</b>												
Total unemployed, in thousands . . . . .	4,470	3,763	1,643	1,247	1,680	1,396	1,146	1,119	3,572	2,980	897	783
Lost last job . . . . .	1,651	1,218	949	669	513	384	189	165	1,321	988	330	230
Left last job . . . . .	708	692	261	250	325	288	122	153	582	577	127	115
Reentered labor force . . . . .	1,508	1,284	376	301	755	633	378	350	1,195	990	313	294
Never worked before . . . . .	603	570	58	28	87	91	458	451	475	426	128	144
Total unemployed, percent distribution . .	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Lost last job . . . . .	36.9	32.3	57.9	53.6	30.6	27.5	16.5	14.7	37.0	33.1	36.8	29.3
Left last job . . . . .	15.8	18.4	15.9	20.1	19.4	20.6	10.6	13.7	16.3	19.4	14.1	14.7
Reentered labor force . . . . .	33.7	34.1	22.8	24.1	44.9	45.3	32.9	31.3	33.4	33.2	34.9	37.5
Never worked before . . . . .	13.5	15.1	3.5	2.2	5.2	6.5	39.9	40.3	13.3	14.3	14.2	18.4
<b>Unemployment rate</b>												
Total unemployment rate . . . . .	5.1	4.2	3.4	2.5	5.5	4.4	14.9	13.5	4.6	3.7	9.3	7.7
Job-loser rate <sup>1</sup> . . . . .	1.9	1.4	1.9	1.3	1.7	1.2	2.4	2.0	1.7	1.2	3.4	2.3
Job-leaver rate <sup>1</sup> . . . . .	.8	.8	.5	.5	1.1	.9	1.6	1.8	.8	.7	1.3	1.1
Reentrant rate <sup>1</sup> . . . . .	1.7	1.4	.8	.6	2.5	2.0	4.9	4.2	1.5	1.2	3.2	2.9
New entrant rate <sup>1</sup> . . . . .	.7	.5	.1	.1	.3	.3	6.0	5.4	.6	.5	1.3	1.4

<sup>1</sup>Unemployment rates are calculated as a percent of the civilian labor force.

A-13: Unemployed persons by reason for unemployment, duration, sex, and age

October 1973  
(Percent distribution)

Reason, sex, and age	Total unemployed		Duration of unemployment				
	Thousands of persons	Percent	Less than 5 weeks	5 to 14 weeks	15 weeks and over	15 to 26 weeks	27 weeks and over
Total, 16 years and over . . . . .	3,763	100.0	51.1	31.1	17.8	10.0	7.8
Lost last job . . . . .	1,218	100.0	43.9	30.9	25.2	13.5	11.7
Left last job . . . . .	692	100.0	56.4	31.1	12.6	6.2	6.4
Reentered labor force . . . . .	1,284	100.0	54.3	32.4	13.2	7.5	5.7
Never worked before . . . . .	570	100.0	52.5	28.7	18.7	12.4	6.3
Male, 20 years and over . . . . .	1,247	100.0	45.0	30.2	24.8	12.6	12.2
Lost last job . . . . .	669	100.0	44.1	30.5	25.4	12.7	12.7
Left last job . . . . .	250	100.0	55.4	26.7	18.0	7.6	10.4
Reentered labor force . . . . .	301	100.0	39.5	31.6	28.9	16.9	12.0
Never worked before . . . . .	28	100.0	(1)	(1)	(1)	(1)	(1)
Female, 20 years and over . . . . .	1,396	100.0	52.2	31.6	16.3	8.9	7.4
Lost last job . . . . .	384	100.0	42.0	28.5	29.5	17.0	12.5
Left last job . . . . .	288	100.0	51.2	36.3	12.5	5.9	6.6
Reentered labor force . . . . .	633	100.0	57.9	31.3	10.8	6.2	4.6
Never worked before . . . . .	91	100.0	58.7	30.4	10.9	3.3	7.6
Both sexes, 16 to 19 years . . . . .	1,119	100.0	56.5	31.6	11.9	8.4	3.5
Lost last job . . . . .	165	100.0	47.3	38.2	14.6	9.1	5.5
Left last job . . . . .	153	100.0	67.3	28.1	4.6	4.6	--
Reentered labor force . . . . .	350	100.0	60.7	35.3	4.0	1.7	2.3
Never worked before . . . . .	451	100.0	52.7	27.4	19.9	14.6	5.3

<sup>1</sup>Percent not shown where base is less than 75,000.

A-14: Unemployed jobseekers by the jobsearch methods used, sex, age, and color

October 1973

Sex, age, and color	Thousands of persons		Methods used as a percent of total jobseekers						Average number of methods used
	Total unemployed	Total job-seekers	Public employment agency	Private employment agency	Employer directly	Placed or answered ads	Friends or relatives	Other	
Total .....	3,763	3,398	24.0	9.9	70.7	28.2	13.4	6.8	1.53
16 to 19 years .....	1,119	1,076	15.2	7.0	78.2	21.5	13.5	5.7	1.41
20 to 24 years .....	814	762	29.1	10.2	69.9	29.5	12.5	5.1	1.56
25 to 34 years .....	742	631	30.7	15.5	66.6	34.2	13.6	6.5	1.67
35 to 44 years .....	385	328	26.2	8.2	69.2	36.0	10.7	7.9	1.58
45 to 54 years .....	360	306	26.5	11.1	65.7	30.4	14.7	7.8	1.56
55 to 64 years .....	260	221	24.0	9.0	64.7	29.4	14.5	14.5	1.56
65 years and over .....	82	73	(1)	(1)	(1)	(1)	(1)	(1)	(1)
Males .....	1,819	1,618	26.8	9.6	69.1	26.3	17.1	9.0	1.58
16 to 19 years .....	571	548	16.8	5.7	77.0	23.0	17.7	6.6	1.47
20 to 24 years .....	397	368	30.4	9.5	69.6	24.5	15.8	6.0	1.56
25 to 34 years .....	339	276	36.2	17.4	62.0	33.7	18.8	9.8	1.78
35 to 44 years .....	139	110	39.1	9.1	75.5	32.7	15.5	10.0	1.82
45 to 54 years .....	151	124	34.7	11.3	58.1	28.2	13.7	13.7	1.60
55 to 64 years .....	157	134	22.4	8.2	63.4	28.4	17.9	18.7	1.59
65 years and over .....	64	58	(1)	(1)	(1)	(1)	(1)	(1)	(1)
Females .....	1,945	1,779	21.6	10.2	72.1	30.0	10.1	4.8	1.49
16 to 19 years .....	548	528	13.6	8.3	79.4	19.9	9.1	4.7	1.35
20 to 24 years .....	418	395	27.8	10.9	70.1	34.2	9.4	4.6	1.57
25 to 34 years .....	403	355	26.5	14.4	70.1	34.6	9.9	3.9	1.59
35 to 44 years .....	246	217	19.8	7.8	66.4	38.2	8.8	6.9	1.48
45 to 54 years .....	209	182	20.9	10.4	70.9	31.3	15.4	3.3	1.52
55 to 64 years .....	103	87	26.4	10.3	65.5	29.9	9.2	9.2	1.51
65 years and over .....	18	15	(1)	(1)	(1)	(1)	(1)	(1)	(1)
White: Total .....	2,980	2,647	22.0	10.5	71.1	30.5	13.3	7.0	1.54
Males .....	1,449	1,270	25.2	9.8	70.3	27.4	16.9	9.4	1.59
Females .....	1,531	1,377	19.0	11.2	71.9	33.3	9.9	4.8	1.50
Negro and other races: Total .....	783	750	31.3	7.7	68.9	20.3	13.9	6.3	1.48
Males .....	369	348	32.5	8.6	64.4	22.4	17.8	8.0	1.54
Females .....	414	402	30.3	7.0	72.9	18.4	10.4	4.7	1.44

Percent not shown where base is less than 75,000.

NOTE: The jobseekers total is less than the total unemployed because persons on layoff or waiting to begin a new wage and salary job within 30 days are not actually seeking jobs. It should also be noted that the percent using each method will always total more than 100 because many jobseekers use more than one method.

A-15: Unemployed jobseekers by the jobsearch methods used, sex, and reason for unemployment

October 1973

Sex and reason	Thousands of persons		Methods used as a percent of total jobseekers						Average number of methods used
	Total unemployed	Total job-seekers	Public employment agency	Private employment agency	Employer directly	Placed or answered ads	Friends or relatives	Other	
Total, 16 years and over .....	3,763	3,398	24.0	9.9	70.7	28.2	13.4	6.8	1.53
Lost last job .....	1,218	963	32.9	10.6	69.4	30.2	15.0	7.5	1.66
Left last job .....	692	655	26.9	10.7	74.0	30.2	11.6	4.4	1.58
Reentered labor force .....	1,284	1,217	20.4	9.6	66.7	29.3	12.8	8.6	1.47
Never worked before .....	570	563	13.7	8.5	77.6	20.2	14.2	4.6	1.39
Males, 16 years and over .....	1,819	1,618	26.8	9.6	69.1	26.3	17.1	9.0	1.58
Lost last job .....	771	621	33.3	9.0	69.6	29.3	17.1	9.5	1.68
Left last job .....	328	307	25.7	11.4	73.3	29.3	14.3	5.5	1.60
Reentered labor force .....	491	462	25.8	10.8	61.5	23.4	16.7	13.0	1.51
Never worked before .....	229	229	12.2	6.1	77.3	20.1	21.8	3.9	1.41
Females, 16 years and over .....	1,945	1,779	21.6	10.2	72.1	30.0	10.1	4.8	1.49
Lost last job .....	446	342	31.9	13.5	69.0	32.2	11.4	3.5	1.62
Left last job .....	364	348	27.9	10.1	74.7	31.0	9.2	3.4	1.56
Reentered labor force .....	793	755	17.1	9.0	69.9	32.8	10.3	5.8	1.45
Never worked before .....	341	334	14.7	10.2	77.8	20.4	9.0	5.1	1.37

NOTE: See note, table A-14.

A-16: Unemployed persons by duration of unemployment

Duration of unemployment	Total				Household head			
	Thousands		Percent distribution		Thousands		Percent distribution	
	Oct. 1972	Oct. 1973	Oct. 1972	Oct. 1973	Oct. 1972	Oct. 1973	Oct. 1972	Oct. 1973
Total .....	4,470	3,763	100.0	100.0	1,506	1,218	100.0	100.0
Less than 5 weeks .....	2,197	1,923	49.1	51.1	627	549	41.6	45.1
5 to 14 weeks .....	1,308	1,170	29.3	31.1	411	371	27.3	30.5
5 to 10 weeks .....	1,076	916	24.1	24.3	325	267	21.6	21.9
11 to 14 weeks .....	232	254	5.2	6.7	86	103	5.7	8.5
15 weeks and over .....	965	670	21.6	17.8	468	298	31.1	24.5
15 to 26 weeks .....	502	375	11.2	10.0	207	137	13.7	11.2
27 weeks and over .....	463	295	10.4	7.8	261	162	17.3	13.3
Average (mean) duration .....	11.3	9.8	--	--	15.5	13.1	--	--

A-17: Unemployed persons by duration, sex, age, color, and marital status

October 1973

Sex, age, color, and marital status	Thousands of persons					Average (mean) duration, in weeks	Less than 5 weeks as a percent of unemployed in group		15 weeks and over as a percent of unemployed in group	
	Total	Less than 5 weeks	5 to 14 weeks	15 to 26 weeks	27 weeks and over		Oct. 1972	Oct. 1973	Oct. 1972	Oct. 1973
							1972	1973	1972	1973
Total .....	3,763	1,923	1,170	375	295	9.8	49.2	51.1	21.6	17.8
16 to 21 years .....	1,487	844	467	123	53	7.2	55.9	56.8	12.6	11.9
16 to 19 years .....	1,119	632	354	94	40	7.2	57.8	56.4	13.2	12.0
20 to 24 years .....	814	432	267	81	34	8.2	49.7	53.0	16.1	14.2
25 to 34 years .....	742	355	246	69	72	10.2	50.5	47.8	20.6	19.0
35 to 44 years .....	385	198	96	51	40	11.4	46.1	51.3	25.8	23.8
45 to 54 years .....	360	178	102	36	44	12.1	38.7	49.5	35.3	22.2
55 to 64 years .....	260	98	80	31	51	17.6	36.5	37.7	38.7	31.4
65 years and over .....	82	30	25	12	15	13.6	41.1	37.0	39.6	32.1
Male .....	1,819	888	565	194	171	11.1	44.7	48.9	25.5	20.1
16 to 21 years .....	765	428	254	60	24	7.1	57.5	55.9	11.4	11.0
16 to 19 years .....	571	326	189	37	19	7.1	59.5	57.1	11.3	9.9
20 to 24 years .....	397	200	133	51	12	8.2	46.2	50.4	19.0	16.0
25 to 34 years .....	339	153	105	38	43	12.8	42.2	45.0	27.4	24.0
35 to 44 years .....	139	62	29	23	24	15.9	33.5	44.8	34.5	34.0
45 to 54 years .....	151	71	41	15	24	15.1	32.2	46.9	42.2	25.9
55 to 64 years .....	157	53	49	19	36	20.4	32.1	33.7	44.0	34.9
65 years and over .....	64	23	17	11	12	14.6	34.1	(1)	42.7	(1)
Female .....	1,945	1,034	606	181	124	8.5	53.6	53.2	17.7	15.7
16 to 21 years .....	722	416	213	64	29	7.3	54.2	57.7	13.8	12.8
16 to 19 years .....	548	306	165	57	20	7.4	56.1	55.8	15.1	14.2
20 to 24 years .....	418	232	134	30	22	8.1	53.3	55.5	13.1	12.5
25 to 34 years .....	403	202	141	31	28	8.1	57.3	50.2	15.0	14.8
35 to 44 years .....	246	136	66	28	16	8.9	55.5	55.0	19.3	18.0
45 to 54 years .....	209	107	61	22	19	10.0	44.2	51.4	28.3	19.6
55 to 64 years .....	103	45	31	12	15	13.3	43.7	43.9	30.2	26.0
65 years and over .....	18	7	8	1	3	10.4	(1)	(1)	(1)	(1)
White: Total .....	2,980	1,587	900	273	220	9.4	50.6	53.2	21.3	16.6
Male .....	1,449	758	421	132	138	10.9	45.4	52.3	25.7	18.6
Female .....	1,531	828	479	141	82	7.9	56.0	54.1	16.7	14.6
Negro and other races: Total .....	783	336	270	101	75	11.2	43.6	42.9	22.6	22.5
Male .....	369	130	144	62	33	12.0	41.1	35.3	24.5	25.8
Female .....	414	206	126	40	42	10.5	45.4	49.8	21.2	19.7
Male: Married, wife present .....	699	329	195	84	92	13.2	40.5	47.1	31.3	25.1
Widowed, divorced, or separated .....	136	61	38	15	23	14.3	41.3	44.8	34.5	27.6
Single (never married) .....	983	498	333	95	57	9.3	48.6	50.7	19.5	15.5
Female: Married, husband present .....	894	514	255	81	43	7.3	54.5	57.6	18.0	13.9
Widowed, divorced, or separated .....	354	169	121	28	36	10.8	58.6	47.6	16.4	18.1
Single (never married) .....	697	351	229	71	45	8.9	49.8	50.4	18.1	16.7

<sup>1</sup> Percent not shown where base is less than 75,000.



## A-18: Unemployed persons by duration, occupation, and industry of last job

October 1973

Occupation and industry	Thousands of persons					Average (mean) duration, in weeks	Less than 6 weeks as a percent of unemployed in group		15 weeks and over as a percent of unemployed in group	
	Total	Less than 5 weeks	5 to 14 weeks	15 to 26 weeks	27 weeks and over		Oct.	Oct.	Oct.	Oct.
							1972	1973	1972	1973
<b>OCCUPATION</b>										
White-collar workers .....	1,136	531	373	121	111	10.9	46.4	46.7	24.2	20.4
Professional and managerial .....	396	154	147	50	45	13.0	43.6	38.9	19.2	24.0
Sales workers .....	162	81	46	13	22	11.7	49.8	50.1	18.9	21.7
Clerical workers .....	577	295	181	58	44	9.2	47.0	51.1	20.8	17.6
Blue-collar workers .....	1,415	738	449	135	93	9.1	47.4	52.2	22.9	16.1
Craftsmen and kindred workers .....	342	176	111	24	32	10.6	50.6	51.4	26.1	16.3
Operatives, except transport .....	645	342	204	63	37	8.8	45.4	53.0	23.5	15.5
Transport equipment operatives .....	98	52	23	13	10	10.6	39.5	52.4	23.1	23.8
Nonfarm laborers .....	330	169	111	35	15	7.6	51.0	51.3	18.7	15.0
Service workers .....	574	311	170	43	49	9.5	55.1	54.3	17.2	16.1
<b>INDUSTRY<sup>1</sup></b>										
Agriculture .....	74	44	18	7	5	7.1	65.3	(2)	13.4	(2)
Construction .....	317	174	93	23	26	8.6	52.0	55.0	20.9	15.5
Manufacturing .....	770	394	231	84	61	10.4	43.4	51.2	27.6	18.8
Durable goods .....	444	214	138	53	39	11.4	34.3	48.2	34.9	20.7
Nondurable goods .....	326	180	93	31	21	8.9	53.1	55.1	19.8	16.2
Transportation and public utilities .....	128	71	24	17	16	12.3	42.4	55.4	27.0	26.0
Wholesale and retail trade .....	762	409	247	55	51	8.7	50.4	53.7	20.9	13.9
Finance and service industries .....	938	439	318	105	76	9.9	50.5	46.8	19.1	19.3
Public administration .....	131	55	50	11	15	12.2	48.3	42.0	14.5	19.7
No previous work experience .....	571	301	163	71	36	9.8	50.3	52.7	18.6	18.7

<sup>1</sup> Includes wage and salary workers only.<sup>2</sup> Percent not shown where base is less than 75,000.

## A-19: Employed persons by sex and age

(In thousands)

Age and type of industry	Total		Male		Female	
	Oct. 1972	Oct. 1973	Oct. 1972	Oct. 1973	Oct. 1972	Oct. 1973
<b>All industries</b> .....	82,707	85,994	51,059	52,610	31,648	33,384
16 to 19 years .....	6,523	7,189	3,628	3,956	2,895	3,233
16 to 17 years .....	2,628	2,999	1,477	1,667	1,151	1,332
18 to 19 years .....	3,895	4,191	2,150	2,289	1,745	1,901
20 to 24 years .....	11,135	11,990	6,189	6,689	4,945	5,301
25 to 54 years .....	50,893	52,932	32,276	33,212	18,615	19,721
25 to 34 years .....	18,444	19,911	12,031	12,743	6,412	7,168
35 to 44 years .....	15,883	16,203	10,072	10,152	5,811	6,051
45 to 54 years .....	16,566	16,819	10,173	10,317	6,392	6,502
55 to 64 years .....	11,065	10,950	6,964	6,854	4,100	4,096
55 to 59 years .....	6,560	6,537	4,077	4,039	2,483	2,498
60 to 64 years .....	4,504	4,413	2,887	2,815	1,617	1,598
65 years and over .....	3,092	2,933	2,000	1,900	1,092	1,033
<b>Nonagricultural industries</b> .....	78,986	82,469	48,054	49,730	30,932	32,740
16 to 19 years .....	6,150	6,807	3,325	3,634	2,824	3,173
16 to 17 years .....	2,412	2,753	1,301	1,462	1,111	1,291
18 to 19 years .....	3,738	4,054	2,024	2,172	1,714	1,881
20 to 24 years .....	10,841	11,681	5,943	6,428	4,898	5,253
25 to 54 years .....	49,065	51,168	30,864	31,848	18,201	19,319
25 to 34 years .....	17,930	19,431	11,610	12,381	6,320	7,050
35 to 44 years .....	15,285	15,647	9,626	9,721	5,658	5,926
45 to 54 years .....	15,850	16,089	9,628	9,745	6,223	6,344
55 to 64 years .....	10,349	10,296	6,369	6,293	3,980	4,004
55 to 59 years .....	6,205	6,208	3,797	3,762	2,407	2,447
60 to 64 years .....	4,144	4,088	2,571	2,531	1,573	1,557
65 years and over .....	2,582	2,518	1,553	1,528	1,029	990
<b>Agriculture</b> .....	3,721	3,525	3,005	2,880	716	644
16 to 19 years .....	373	382	302	322	71	60
16 to 17 years .....	216	246	176	205	40	41
18 to 19 years .....	157	137	126	117	31	20
20 to 24 years .....	293	309	246	261	47	48
25 to 54 years .....	1,827	1,765	1,413	1,364	413	402
25 to 34 years .....	514	481	421	362	92	119
35 to 44 years .....	598	555	446	431	152	125
45 to 54 years .....	715	730	546	571	169	158
55 to 64 years .....	716	653	596	561	120	92
55 to 59 years .....	356	328	280	277	76	51
60 to 64 years .....	360	325	315	284	45	41
65 years and over .....	511	415	448	372	63	43

## A-20: Employed persons by occupational group, sex, and age

(In thousands)

Occupation	Total		Male, 20 years and over		Female, 20 years and over		Male, 16-19 years		Female, 16-19 years	
	Oct. 1972	Oct. 1973	Oct. 1972	Oct. 1973	Oct. 1972	Oct. 1973	Oct. 1972	Oct. 1973	Oct. 1972	Oct. 1973
<b>Total</b> .....	82,707	85,994	47,431	48,654	28,752	30,151	3,628	3,956	2,895	3,233
<b>White-collar workers</b> .....	39,615	41,181	19,780	20,427	17,708	18,448	605	615	1,522	1,691
Professional and technical .....	11,722	12,280	6,990	7,346	4,574	4,768	90	80	69	86
Health workers .....	1,959	2,003	790	756	1,152	1,222	5	9	13	16
Teachers, except college .....	3,067	3,089	920	962	2,128	2,100	7	3	12	24
Other professional and technical .....	6,696	7,187	5,280	5,626	1,294	1,446	78	69	44	46
Managers and administrators, except farm ..	8,142	8,828	6,605	7,161	1,459	1,610	65	48	13	9
Salaried workers .....	6,404	6,918	5,242	5,641	1,091	1,227	57	47	13	3
Self-employed workers in retail trade .....	941	991	673	720	263	264	5	2	--	5
Self-employed workers, except retail trade .....	798	919	690	800	105	118	3	--	--	1
Sales workers .....	5,429	5,414	2,963	2,862	1,922	1,958	197	226	347	368
Retail trade .....	3,109	3,124	1,046	1,016	1,583	1,588	155	175	325	345
Other industries .....	2,319	2,290	1,917	1,846	338	370	42	51	23	23
Clerical workers .....	14,322	14,659	3,222	3,058	9,754	10,113	253	261	1,092	1,227
Stenographers, typists, and secretaries .....	4,137	4,358	72	48	3,673	3,888	10	6	381	415
Other clerical workers .....	10,185	10,301	3,150	3,011	6,081	6,224	243	255	711	811
<b>Blue-collar workers</b> .....	28,921	30,420	21,826	22,576	4,640	5,049	2,126	2,394	329	401
Craftsmen and kindred workers .....	10,863	11,377	10,130	10,440	366	474	353	441	15	21
Carpenters .....	1,058	1,114	988	1,007	2	13	67	92	1	1
Construction craftsmen, except carpenters .....	2,337	2,419	2,259	2,270	--	24	77	120	1	6
Mechanics and repairmen .....	2,728	2,889	2,606	2,732	11	28	111	127	2	1
Metal craftsmen .....	1,068	1,153	1,032	1,106	9	25	26	20	--	1
Foremen, not elsewhere classified .....	1,378	1,490	1,285	1,371	88	111	5	8	--	--
All other .....	2,293	2,313	1,959	1,953	255	272	67	74	12	13
Operatives, except transport .....	10,574	11,298	5,684	6,063	3,883	4,124	743	799	264	311
Durable goods manufacturing .....	4,519	5,159	2,944	3,284	1,257	1,485	227	263	90	127
Nondurable goods manufacturing .....	3,645	3,673	1,370	1,331	2,017	2,042	137	170	131	130
Other industries .....	2,400	2,466	1,369	1,449	609	597	379	366	43	55
Transport equipment operatives .....	3,253	3,382	2,941	3,004	145	197	165	178	2	3
Drivers and deliverymen .....	2,805	2,869	2,525	2,529	142	185	135	151	2	4
All other .....	448	513	416	475	3	12	29	27	--	--
Nonfarm laborers .....	4,231	4,364	3,071	3,069	246	254	865	976	48	65
Construction .....	894	811	744	654	7	8	142	149	--	--
Manufacturing .....	1,026	1,146	808	826	97	114	111	189	9	17
Other industries .....	2,312	2,407	1,520	1,590	142	132	612	638	38	47
<b>Service workers</b> .....	10,890	11,302	3,407	3,379	5,852	6,162	643	663	988	1,098
Private household workers .....	1,379	1,383	23	22	1,098	1,122	5	5	253	234
Service workers, except private household ..	9,511	9,920	3,384	3,357	4,753	5,040	639	658	735	864
Food service workers .....	3,267	3,499	596	616	1,838	1,930	382	392	450	561
Protective service workers .....	1,142	1,136	1,063	1,071	65	50	43	13	1	3
All other .....	5,102	5,285	1,725	1,671	2,850	3,060	244	254	284	300
<b>Farm workers</b> .....	3,281	3,091	2,418	2,271	553	492	254	284	56	43
Farmers and farm managers .....	1,811	1,658	1,677	1,543	122	93	13	18	--	3
Farm laborers and foremen .....	1,470	1,433	741	728	432	398	240	266	57	40
Paid workers .....	971	1,012	696	690	110	121	145	171	20	30
Unpaid family workers .....	499	421	45	38	321	278	95	95	37	10

## A-21: Employed persons by major occupational group, sex, and color

(Percent distribution)

Occupational group and color	Total		Male		Female	
	Oct. 1972	Oct. 1973	Oct. 1972	Oct. 1973	Oct. 1972	Oct. 1973
<b>Total</b>						
Total employed (thousands)	82,707	85,994	51,059	52,610	31,648	33,384
Percent	100.0	100.0	100.0	100.0	100.0	100.0
<b>White-collar workers</b>	47.9	47.9	39.9	40.0	60.8	60.3
Professional and technical	14.2	14.3	13.9	14.1	14.7	14.5
Managers and administrators, except farm	9.8	10.3	13.1	13.7	4.7	4.8
Sales workers	6.6	6.3	6.2	5.9	7.2	7.0
Clerical workers	17.3	17.0	6.8	6.3	34.3	34.0
<b>Blue-collar workers</b>	35.0	35.4	46.9	47.5	15.7	16.3
Craftsmen and kindred workers	13.1	13.2	20.5	20.7	1.2	1.5
Operatives, except transport	12.8	13.1	12.6	13.0	13.1	13.3
Transport equipment operatives	3.9	3.9	6.1	6.0	.5	.6
Nonfarm laborers	5.1	5.1	7.7	7.7	.9	1.0
<b>Service workers</b>	13.2	13.1	7.9	7.7	21.6	21.7
Private household workers	1.7	1.6	.1	.1	4.3	4.1
Other service workers	11.5	11.5	7.9	7.6	17.3	17.7
<b>Farm workers</b>	4.0	3.6	5.2	4.9	1.9	1.6
Farmers and farm managers	2.2	1.9	3.3	3.0	.4	.3
Farm laborers and foremen	1.8	1.7	1.9	1.9	1.5	1.3
<b>White</b>						
Total employed (thousands)	73,969	76,594	46,105	47,315	27,863	29,279
Percent	100.0	100.0	100.0	100.0	100.0	100.0
<b>White-collar workers</b>	50.0	49.9	41.8	41.8	63.5	63.1
Professional and technical	14.7	14.8	14.5	14.7	15.1	15.0
Managers and administrators, except farm	10.5	11.0	13.9	14.6	4.9	5.1
Sales workers	7.1	6.8	6.7	6.3	7.8	7.6
Clerical workers	17.6	17.4	6.7	6.2	35.7	35.4
<b>Blue-collar workers</b>	34.3	34.7	45.8	46.4	15.3	15.7
Craftsmen and kindred workers	13.7	13.8	21.2	21.4	1.2	1.5
Operatives, except transport	12.3	12.6	12.2	12.5	12.7	12.7
Transport equipment operatives	3.7	3.8	5.6	5.7	.5	.6
Nonfarm laborers	4.6	4.6	6.8	6.8	.9	.9
<b>Service workers</b>	11.6	11.7	7.1	6.8	19.1	19.5
Private household workers	1.1	1.1	(1)	(1)	2.9	2.9
Other service workers	10.5	10.6	7.1	6.8	16.2	16.6
<b>Farm workers</b>	4.1	3.7	5.3	5.0	2.1	1.7
Farmers and farm managers	2.4	2.1	3.6	3.2	.4	.3
Farm laborers and foremen	1.7	1.6	1.8	1.8	1.7	1.4
<b>Negro and other races</b>						
Total employed (thousands)	8,738	9,401	4,954	5,295	3,784	4,105
Percent	100.0	100.0	100.0	100.0	100.0	100.0
<b>White-collar workers</b>	30.4	31.2	22.8	23.9	40.3	40.6
Professional and technical	9.5	9.9	8.2	9.1	11.2	11.1
Managers and administrators, except farm	4.0	4.4	5.0	5.5	2.6	3.0
Sales workers	2.1	2.3	1.7	2.1	2.6	2.6
Clerical workers	14.9	14.6	8.0	7.2	23.9	24.0
<b>Blue-collar workers</b>	40.7	41.1	57.7	57.1	18.6	20.6
Craftsmen and kindred workers	8.5	8.8	14.3	14.5	.9	1.5
Operatives, except transport	16.5	17.8	16.7	18.2	16.3	17.3
Transport equipment operatives	6.0	5.4	10.3	9.0	.4	.7
Nonfarm laborers	9.8	9.2	16.5	15.4	1.0	1.2
<b>Service workers</b>	26.1	25.1	15.2	15.3	40.4	37.8
Private household workers	6.4	5.6	.2	.2	14.4	12.7
Other service workers	19.8	19.5	15.0	15.1	26.0	25.1
<b>Farm workers</b>	2.8	2.6	4.3	3.8	.8	1.0
Farmers and farm managers	.6	.5	1.0	.9	.1	.1
Farm laborers and foremen	2.1	2.0	3.2	2.9	.7	.9

<sup>1</sup> Less than 0.05 percent.

## A-22: Employed persons by class of worker, sex, and age

October 1973  
(In thousands)

Age and sex	Nonagricultural industries					Agriculture			
	Wage and salary workers				Self employed	Unpaid family workers	Wage and salary workers	Self employed	Unpaid family workers
	Total	Private household workers	Government	Other					
<b>Total</b> .....	76,411	1,585	13,916	60,910	5,515	544	1,303	1,784	438
16 to 19 years .....	6,694	308	496	5,889	77	36	245	32	105
16 and 17 years .....	2,690	230	163	2,297	40	23	147	21	78
18 and 19 years .....	4,004	77	334	3,593	37	13	97	11	28
20 to 24 years .....	11,415	123	1,732	9,560	236	31	219	70	20
25 to 34 years .....	18,318	174	3,586	14,559	1,038	74	228	199	54
35 to 44 years .....	14,382	169	2,900	11,312	1,142	123	185	291	79
45 to 54 years .....	14,566	255	3,084	11,228	1,378	145	188	447	94
55 to 64 years .....	9,097	319	1,853	6,926	1,101	98	159	434	60
55 to 59 years .....	5,504	164	1,152	4,188	649	56	75	216	37
60 to 64 years .....	3,594	155	701	2,738	452	43	84	218	23
65 years and over .....	1,939	238	264	1,437	543	36	80	309	25
<b>Male</b> .....	45,647	201	7,448	37,998	4,034	48	1,071	1,676	134
16 to 19 years .....	3,571	68	204	3,298	38	25	198	29	95
16 and 17 years .....	1,425	48	65	1,311	21	16	119	18	68
18 and 19 years .....	2,146	20	138	1,988	17	9	79	10	27
20 to 24 years .....	6,264	14	747	5,504	158	6	183	69	10
25 to 34 years .....	11,652	11	2,022	9,619	730	—	174	180	8
35 to 44 years .....	8,878	13	1,568	7,297	841	2	148	274	8
45 to 54 years .....	8,691	13	1,704	6,974	1,053	2	152	418	2
55 to 64 years .....	5,464	29	1,022	4,413	827	2	143	412	6
55 to 59 years .....	3,270	13	637	2,620	492	—	69	202	6
60 to 64 years .....	2,194	16	385	1,793	334	2	75	210	—
65 years and over .....	1,128	53	182	893	389	11	72	294	6
<b>Female</b> .....	30,764	1,384	6,468	22,913	1,480	495	232	108	305
16 to 19 years .....	3,123	239	292	2,591	39	11	46	4	11
16 and 17 years .....	1,265	182	97	986	19	7	28	3	10
18 and 19 years .....	1,858	57	195	1,605	20	4	18	1	1
20 to 24 years .....	5,151	110	986	4,056	78	24	36	1	10
25 to 34 years .....	6,666	162	1,564	4,940	309	74	53	19	47
35 to 44 years .....	5,505	157	1,333	4,015	301	121	37	17	71
45 to 54 years .....	5,875	241	1,380	4,254	325	143	36	29	93
55 to 64 years .....	3,633	289	831	2,513	274	96	15	22	55
55 to 59 years .....	2,234	151	515	1,568	156	56	6	14	31
60 to 64 years .....	1,400	139	316	945	118	40	9	8	23
65 years and over .....	811	185	82	544	155	25	8	16	19

## A-23: Employed persons with a job but not at work by reason, pay status, and sex

(In thousands)

Reason not working	All industries		Nonagricultural industries					
	Oct. 1972	Oct. 1973	Total		Wage and salary workers <sup>1</sup>			
			Oct. 1972	Oct. 1973	Paid absence <sup>2</sup>		Unpaid absence <sup>2</sup>	
					Oct. 1972	Oct. 1973	Oct. 1972	Oct. 1973
<b>Total</b> .....	3,476	3,674	3,409	3,580	1,709	1,711	1,377	1,534
Vacation .....	1,510	1,639	1,490	1,616	1,088	1,181	250	321
Illness .....	1,282	1,283	1,257	1,253	423	427	707	721
Bad weather .....	31	42	25	24	--	--	--	--
Industrial dispute .....	36	65	36	65	--	--	--	--
All other reasons .....	616	645	601	622	198	103	420	492
<b>Male</b> .....	2,080	2,087	2,022	2,004	1,161	1,123	658	691
Vacation .....	1,007	1,029	988	1,014	804	788	108	154
Illness .....	717	687	695	657	260	277	372	333
All other reasons <sup>3</sup> .....	356	371	339	333	97	58	178	204
<b>Female</b> .....	1,396	1,587	1,387	1,576	548	588	719	844
Vacation .....	503	610	502	602	331	392	142	167
Illness .....	564	596	562	595	185	150	335	388
All other reasons <sup>3</sup> .....	329	381	323	379	32	46	242	289

<sup>1</sup>Excludes private household.<sup>2</sup>Pay status not available separately for bad weather and industrial dispute; these categories are included in all other reasons.<sup>3</sup>Includes bad weather and industrial disputes, not shown separately.

## A-24: Persons at work by type of industry and hours of work

October 1973

Hours of work	Thousands of persons			Percent distribution		
	All industries	Nonagricultural industries	Agriculture	All industries	Nonagricultural industries	Agriculture
<b>Total at work</b> .....	82,320	78,889	3,431	100.0	100.0	100.0
<b>1-34 hours</b> .....	23,132	22,136	997	28.1	28.1	29.1
1-4 hours .....	757	701	56	.9	.9	1.6
5-14 hours .....	3,950	3,710	240	4.8	4.7	7.0
15-29 hours .....	9,638	9,125	513	11.7	11.6	15.0
30-34 hours .....	8,787	8,600	188	10.7	10.9	5.5
<b>35 hours and over</b> .....	59,188	56,753	2,434	71.9	71.9	70.9
35-39 hours .....	5,257	5,091	166	6.4	6.5	4.8
40 hours .....	30,321	29,865	456	36.8	37.9	13.3
41 hours and over .....	23,610	21,797	1,812	28.7	27.6	52.8
41 to 48 hours .....	9,232	8,984	248	11.2	11.4	7.2
49 to 59 hours .....	7,863	7,393	469	9.6	9.4	13.7
60 hours and over .....	6,515	5,420	1,095	7.9	6.9	31.9
<b>Average hours, total at work</b> .....	38.9	38.6	45.9	--	--	--
<b>Average hours, workers on full-time schedules</b> .....	43.2	42.7	54.9	--	--	--

**A-25: Persons at work 1-34 hours by usual status and reason working part time**

October 1973

(In thousands)

Reasons working part time	All industries			Nonagricultural industries		
	Total	Usually work full time	Usually work part time	Total	Usually work full time	Usually work part time
Total.....	23,132	9,801	13,331	22,136	9,516	12,620
Economic reasons.....	2,351	1,177	1,174	2,154	1,046	1,108
Slack work.....	1,153	784	369	1,007	671	336
Material shortages or repairs to plant and equipment.....	105	105	--	104	104	--
New job started during week.....	196	196	--	187	187	--
Job terminated during week.....	92	92	--	84	84	--
Could find only part-time work.....	804	--	804	772	--	772
Other reasons.....	20,783	8,625	12,158	19,984	8,472	11,512
Does not want, or unavailable for, full-time work.....	9,977	--	9,977	9,472	--	9,472
Vacation.....	594	594	--	587	587	--
Illness.....	1,710	1,418	292	1,635	1,390	245
Bad weather.....	371	371	--	283	283	--
Industrial dispute.....	42	42	--	42	42	--
Legal or religious holiday.....	5,099	5,099	--	5,097	5,097	--
Full time for this job.....	1,476	--	1,476	1,437	--	1,437
All other reasons.....	1,514	1,101	413	1,431	1,073	358
Average hours:						
Economic reasons.....	21.3	23.5	19.1	21.3	23.7	19.1
Other reasons.....	22.6	28.7	18.2	22.7	28.8	18.2
Worked 30 to 34 hours:						
Economic reasons.....	683	458	225	625	413	212
Other reasons.....	8,104	6,189	1,915	6,138	1,837	1,837

**A-26: Nonagricultural workers by industry and full- or part-time status**

October 1973

Industry	Percent distribution							Average hours, total at work	Average hours, total on full-time schedules
	Total at work	On part time for economic reasons	On voluntary part time	On full-time schedules					
				Total	40 hours or less	41 to 48 hours	49 hours or more		
Total <sup>1</sup> .....	100.0	2.7	14.6	82.6	55.0	11.4	16.2	38.6	42.7
Wage and salary workers.....	100.0	2.7	14.3	83.1	57.1	11.5	14.5	38.2	42.2
Construction.....	100.0	4.4	5.3	90.3	65.1	10.8	14.4	39.0	41.0
Manufacturing.....	100.0	2.4	3.6	94.0	63.3	16.0	14.7	41.1	42.3
Durable goods.....	100.0	1.4	2.6	96.1	64.0	16.8	15.3	41.7	42.6
Non-durable goods.....	100.0	3.9	5.1	91.0	62.3	14.8	13.9	40.1	42.0
Transportation and public utilities.....	100.0	2.1	7.3	90.5	61.8	11.5	17.2	40.7	42.8
Wholesale and retail trade.....	100.0	3.2	26.0	70.7	42.7	12.0	16.0	36.6	43.8
Finance, insurance, and real estate.....	100.0	1.1	9.4	89.5	68.2	8.0	13.3	38.2	40.4
Service industries.....	100.0	3.0	23.7	73.3	52.0	8.2	13.1	36.0	42.0
Private households.....	100.0	9.2	58.0	32.8	20.6	4.5	7.7	23.8	44.8
All other service.....	100.0	2.5	20.8	76.7	54.6	8.5	13.6	36.4	41.9
Public administration.....	100.0	1.0	-5.4	93.6	74.8	7.4	11.4	37.7	39.0
Self-employed workers.....	100.0	3.5	16.3	80.3	30.0	10.3	40.0	44.1	50.7
Unpaid family workers.....	100.0	2.4	40.1	57.6	27.6	8.1	21.9	38.2	50.0

<sup>1</sup> Includes mining not shown separately.

**A-27: Persons at work in nonagricultural industries by full- or part-time status,  
sex, age, color, and marital status**

October 1973

Age, sex, color and marital status	Total at work	On part time for economic reasons	On voluntary part time	On full-time schedules			Average hours, total at work	Average hours, workers on full-time schedules
				Total	40 hours or less	41 hours or more		
(In thousands)								
<b>TOTAL</b>								
Total, 16 years and over.....	78,889	2,154	11,511	65,224	43,427	21,797	38.6	42.7
16 to 21 years.....	10,874	536	4,185	6,153	4,703	1,450	30.2	40.5
16 to 19 years.....	6,657	328	3,335	2,994	2,334	660	27.2	40.2
16 and 17 years.....	2,710	88	2,163	459	366	93	19.6	39.0
18 and 19 years.....	3,946	239	1,172	2,535	1,967	568	32.4	40.4
20 years and over.....	72,233	1,827	8,176	62,230	41,093	21,137	39.6	42.9
20 to 24 years.....	11,331	429	1,574	9,328	6,735	2,593	37.3	41.3
25 years and over.....	60,901	1,399	6,601	52,901	34,357	18,544	40.1	43.7
25 to 44 years.....	33,735	773	3,109	29,853	18,953	10,900	40.7	43.4
45 to 64 years.....	24,824	559	2,444	21,821	14,564	7,257	40.2	42.8
65 years and over.....	2,342	67	1,049	1,226	840	386	30.4	43.1
<b>Males, 16 years and over.....</b>	<b>47,726</b>	<b>937</b>	<b>3,744</b>	<b>43,045</b>	<b>25,660</b>	<b>17,385</b>	<b>41.6</b>	<b>44.1</b>
16 to 21 years.....	5,792	271	2,077	3,444	2,354	1,090	32.0	41.9
16 to 19 years.....	3,542	164	1,676	1,702	1,206	496	28.9	41.2
16 and 17 years.....	1,436	46	1,099	291	222	69	21.5	40.0
18 and 19 years.....	2,106	117	577	1,412	986	426	34.0	41.5
20 years and over.....	44,185	772	2,068	41,345	24,455	16,890	42.7	44.3
20 to 24 years.....	6,270	214	697	5,359	3,421	1,938	39.3	42.8
25 years and over.....	37,915	559	1,371	35,985	21,033	14,952	43.3	44.5
25 to 44 years.....	21,388	313	396	20,679	11,602	9,077	44.2	44.9
45 to 64 years.....	15,117	212	383	14,522	8,893	5,629	43.1	43.9
65 years and over.....	1,410	33	592	785	540	245	31.0	42.5
<b>Females, 16 years and over.....</b>	<b>31,163</b>	<b>1,218</b>	<b>7,768</b>	<b>22,177</b>	<b>17,765</b>	<b>4,412</b>	<b>33.9</b>	<b>40.0</b>
16 to 21 years.....	5,082	265	2,108	2,709	2,349	360	28.2	38.7
16 to 19 years.....	3,115	164	1,660	1,291	1,126	165	25.2	38.8
16 and 17 years.....	1,275	42	1,064	169	146	23	17.5	37.5
18 and 19 years.....	1,840	123	595	1,122	979	143	30.6	39.0
20 years and over.....	28,048	1,054	6,108	20,886	16,640	4,246	34.8	40.1
20 to 24 years.....	5,062	215	877	3,970	3,314	656	34.8	39.2
25 years and over.....	22,986	840	5,231	16,915	13,323	3,592	34.8	40.4
25 to 44 years.....	12,347	461	2,713	9,173	7,350	1,823	34.6	39.9
45 to 64 years.....	9,707	346	2,061	7,300	5,672	1,628	35.6	40.6
65 years and over.....	932	34	457	441	301	140	29.5	44.2
<b>COLOR</b>								
<b>White.....</b>	<b>70,185</b>	<b>1,717</b>	<b>10,489</b>	<b>57,979</b>	<b>37,678</b>	<b>20,301</b>	<b>38.8</b>	<b>43.0</b>
Male.....	42,866	755	3,419	38,692	22,411	16,281	41.9	44.4
Female.....	27,319	963	7,070	19,286	15,267	4,019	33.8	40.2
<b>Negro and other races.....</b>	<b>8,705</b>	<b>437</b>	<b>1,022</b>	<b>7,246</b>	<b>5,747</b>	<b>1,499</b>	<b>37.2</b>	<b>40.8</b>
Male.....	4,860	181	325	4,354	3,250	1,104	39.5	41.9
Female.....	3,844	255	698	2,891	2,499	392	34.3	39.2
<b>MARITAL STATUS</b>								
<b>Male:</b>								
Married, wife present.....	35,853	447	1,176	34,230	19,662	14,568	43.5	44.6
Widowed, divorced, or separated.....	2,781	96	177	2,508	1,558	950	41.6	44.0
Single (never married).....	9,091	394	2,391	6,306	4,439	1,867	34.5	41.9
<b>Female:</b>								
Married, husband present.....	18,424	658	4,595	13,171	10,572	2,599	34.2	40.0
Widowed, divorced, or separated.....	5,714	255	1,024	4,435	3,411	1,024	35.9	40.5
Single (never married).....	7,025	305	2,148	4,572	3,782	790	31.4	39.6

A-27: Persons at work in nonagricultural industries by full- or part-time status, sex, age, color, and marital status--Continued

October 1973

Age, sex, color and marital status	Total at work	On part time for economic reasons	On voluntary part time	On full-time schedules		
				Total	40 hours or less	41 hours or more
(Percent distribution)						
<b>TOTAL</b>						
Total, 16 years and over.....	100.0	2.7	14.6	82.6	55.0	27.6
16 to 21 years.....	100.0	4.9	38.5	56.5	43.2	13.3
16 to 19 years.....	100.0	4.9	50.1	45.0	35.1	9.9
16 and 17 years.....	100.0	3.2	79.8	16.9	13.5	3.4
18 and 19 years.....	100.0	6.1	29.7	64.2	49.8	14.4
20 years and over.....	100.0	2.5	11.3	86.2	56.9	29.3
20 to 24 years.....	100.0	3.8	13.9	82.3	59.4	22.9
25 years and over.....	100.0	2.3	10.8	86.8	56.4	30.4
25 to 44 years.....	100.0	2.3	9.2	88.5	56.2	32.3
45 to 64 years.....	100.0	2.3	9.8	87.9	58.7	29.2
65 years and over.....	100.0	2.9	44.8	52.4	35.9	16.5
<b>Males, 16 years and over.....</b>						
16 to 21 years.....	100.0	4.7	35.9	59.4	40.6	18.8
16 to 19 years.....	100.0	4.6	47.3	48.0	34.0	14.0
16 and 17 years.....	100.0	3.2	76.5	20.3	15.5	4.8
18 and 19 years.....	100.0	5.6	27.4	67.0	46.8	20.2
20 years and over.....	100.0	1.7	4.7	93.5	55.3	38.2
20 to 24 years.....	100.0	3.4	11.1	85.5	54.6	30.9
25 years and over.....	100.0	1.5	3.6	94.9	55.5	39.4
25 to 44 years.....	100.0	1.5	1.9	96.6	54.2	42.4
45 to 64 years.....	100.0	1.4	2.5	96.0	58.8	37.2
65 years and over.....	100.0	2.3	42.0	55.7	38.3	17.4
<b>Females, 16 years and over.....</b>						
16 to 21 years.....	100.0	5.2	41.5	53.3	46.2	7.1
16 to 19 years.....	100.0	5.3	53.3	41.4	36.1	5.3
16 and 17 years.....	100.0	3.3	83.5	13.3	11.5	1.8
18 and 19 years.....	100.0	6.7	32.3	61.0	53.2	7.8
20 years and over.....	100.0	3.8	21.8	74.4	59.3	15.1
20 to 24 years.....	100.0	4.2	17.3	78.5	65.5	13.0
25 years and over.....	100.0	3.7	22.8	73.6	58.0	15.6
25 to 44 years.....	100.0	3.7	22.0	74.3	59.5	14.8
45 to 64 years.....	100.0	3.6	21.2	75.2	58.4	16.8
65 years and over.....	100.0	3.6	49.0	47.3	32.3	15.0
<b>COLOR</b>						
<b>White.....</b>						
Male.....	100.0	1.8	8.0	90.3	52.3	38.0
Female.....	100.0	3.5	25.9	70.6	55.9	14.7
<b>Negro and other races.....</b>						
Male.....	100.0	3.7	6.7	89.6	66.9	22.7
Female.....	100.0	6.6	18.2	75.2	65.0	10.2
<b>MARITAL STATUS</b>						
<b>Male:</b>						
Married, wife present.....	100.0	1.2	3.3	95.4	54.8	40.6
Widowed, divorced, or separated.....	100.0	3.5	6.4	90.2	56.0	34.2
Single (never married).....	100.0	4.3	26.3	69.3	48.8	20.5
<b>Female:</b>						
Married, husband present.....	100.0	3.6	24.9	71.5	57.4	14.1
Widowed, divorced, or separated.....	100.0	4.5	17.9	77.6	59.7	17.9
Single (never married).....	100.0	4.3	30.6	65.0	53.8	11.2



## A-28: Persons at work in nonfarm occupations by full- or part-time status and sex

October 1973

Occupational group and sex	Total at work	On part time for economic reasons	On voluntary part time	On full-time schedules				Average hours, total at work	Average hours, workers on full- time schedules
				Total	40 hours or less	41 to 48 hours	49 hours or more		
				(Thousands of persons)					
<b>TOTAL</b>									
White-collar workers .....	39,467	612	5,708	33,147	21,826	3,999	7,322	39.1	42.9
Professional and technical .....	11,825	143	1,438	10,244	6,593	1,265	2,386	39.5	42.9
Managers and administrators, except farm .....	8,463	56	351	8,056	3,678	1,202	3,176	46.5	47.8
Sales workers .....	5,151	161	1,343	3,647	2,148	524	975	36.6	44.1
Clerical workers .....	14,027	252	2,576	11,199	9,406	1,008	785	35.1	39.1
Blue-collar workers .....	29,038	1,015	2,219	25,804	17,099	4,195	4,510	40.0	42.5
Craftsmen and kindred workers .....	10,870	260	400	10,210	6,464	1,700	2,046	41.7	43.0
Operatives, except transport .....	10,729	441	706	9,582	6,779	1,602	1,201	39.4	41.6
Transport equipment operatives .....	3,270	105	298	2,867	1,559	472	836	42.1	45.3
Nonfarm laborers .....	4,169	207	815	3,147	2,298	420	427	35.4	41.2
Service workers .....	10,804	544	3,673	6,587	4,662	819	1,106	33.0	42.7
Private household .....	1,320	126	752	442	273	66	103	24.6	44.8
Other service workers .....	9,484	418	2,921	6,145	4,389	753	1,003	34.2	42.6
<b>MALE</b>									
White-collar workers .....	20,284	141	1,339	18,804	10,176	2,670	5,958	43.4	45.4
Professional and technical .....	7,187	60	493	6,134	3,985	812	1,837	42.2	44.2
Managers and administrators, except farm .....	6,919	28	173	6,718	2,847	1,046	2,825	47.5	48.3
Sales workers .....	2,992	33	336	2,623	1,335	427	861	42.0	45.4
Clerical workers .....	3,185	19	336	2,830	2,010	385	435	38.6	41.2
Blue-collar workers .....	23,886	691	1,640	21,555	13,723	3,583	4,249	40.8	43.1
Craftsmen and kindred workers .....	10,394	241	340	9,813	6,185	1,614	2,014	41.9	43.1
Operatives, except transport .....	6,553	171	363	6,019	3,890	1,114	1,015	41.1	42.9
Transport equipment operatives .....	3,074	93	187	2,794	1,520	461	813	43.0	45.3
Nonfarm laborers .....	3,865	186	750	2,929	2,125	395	409	35.5	41.3
Service workers .....	3,872	116	818	2,938	1,884	402	652	37.8	44.3
Private household .....	22	3	9	10	4	1	5	27.9	49.8
Other service workers .....	3,849	113	809	2,927	1,877	401	649	37.9	44.3
<b>FEMALE</b>									
White-collar workers .....	19,183	470	4,369	14,344	11,652	1,329	1,363	34.5	39.8
Professional and technical .....	4,637	83	945	3,609	2,607	453	549	35.5	40.7
Managers and administrators, except farm .....	1,544	28	178	1,338	831	157	350	42.0	45.3
Sales workers .....	2,159	128	1,007	1,024	814	97	113	29.0	40.7
Clerical workers .....	10,842	232	2,240	8,370	7,397	623	350	34.1	38.4
Blue-collar workers .....	5,152	323	579	4,250	3,377	612	261	36.4	39.7
Craftsmen and kindred workers .....	477	19	60	398	281	85	32	36.7	40.4
Operatives, except transport .....	4,176	271	343	3,562	2,887	488	187	36.9	39.5
Transport equipment operatives .....	196	11	112	73	39	11	23	28.5	44.3
Nonfarm laborers .....	304	21	65	218	173	27	18	33.5	40.2
Service workers .....	6,933	428	2,855	3,650	2,781	416	453	30.3	41.5
Private household .....	1,298	122	742	434	269	65	100	24.5	44.7
Other service workers .....	5,635	305	2,113	3,217	2,511	352	354	31.7	41.1

## A-28: Persons at work in nonfarm occupations by full- or part-time status and sex—Continued

October 1973

Occupational group and sex	Total at work	On part time for economic reasons	On voluntary part time	On full-time schedules			
				Total	40 hours or less	41 to 48 hours	49 hours or more
				(Percent distribution)			
<b>TOTAL</b>							
White-collar workers .....	100.0	1.6	14.5	84.0	55.3	10.1	18.6
Professional and technical .....	100.0	1.2	12.2	86.7	55.8	10.7	20.2
Managers and administrators, except farm .....	100.0	.7	4.1	95.2	43.5	14.2	37.5
Sales workers .....	100.0	3.1	26.1	70.8	41.7	10.2	18.9
Clerical workers .....	100.0	1.8	18.4	79.9	67.1	7.2	5.6
Blue-collar workers .....	100.0	3.5	7.6	88.8	58.9	14.4	15.5
Craftsmen and kindred workers .....	100.0	2.4	3.7	93.9	59.5	15.6	18.8
Operatives, except transport .....	100.0	4.1	6.6	89.3	63.2	14.9	11.2
Transport equipment operatives .....	100.0	3.2	9.1	87.7	47.7	14.4	25.6
Nonfarm laborers .....	100.0	5.0	19.5	75.4	55.1	10.1	10.2
Service workers .....	100.0	5.0	34.0	61.0	43.2	7.6	10.2
Private household .....	100.0	9.5	57.0	33.5	20.7	5.0	7.8
Other service workers .....	100.0	4.4	30.8	64.8	46.3	7.9	10.6
<b>MALE</b>							
White-collar workers .....	100.0	.7	6.6	92.8	50.2	13.2	29.4
Professional and technical .....	100.0	.8	6.9	92.3	55.4	11.3	25.6
Managers and administrators, except farm .....	100.0	.4	2.5	97.0	41.1	15.1	40.8
Sales workers .....	100.0	1.1	11.2	87.7	44.6	14.3	28.8
Clerical workers .....	100.0	.6	10.5	88.9	63.1	12.1	13.7
Blue-collar workers .....	100.0	2.9	6.9	90.3	57.5	15.0	17.8
Craftsmen and kindred workers .....	100.0	2.3	3.3	94.4	59.5	15.5	19.4
Operatives, except transport .....	100.0	2.6	5.5	91.9	59.4	17.0	15.5
Transport equipment operatives .....	100.0	3.0	6.1	90.8	49.4	15.0	26.4
Nonfarm laborers .....	100.0	4.8	19.4	75.8	55.0	10.2	10.6
Service workers .....	100.0	3.0	21.1	75.9	48.7	10.4	16.8
Private household .....	100.0	(1)	(1)	(1)	(1)	(1)	(1)
Other service workers .....	100.0	2.9	21.0	76.1	48.8	10.4	16.9
<b>FEMALE</b>							
White-collar workers .....	100.0	2.5	22.8	74.7	60.7	6.9	7.1
Professional and technical .....	100.0	1.8	20.4	77.8	56.2	9.8	11.8
Managers and administrators, except farm .....	100.0	1.8	11.5	86.7	53.8	10.2	22.7
Sales workers .....	100.0	5.9	46.6	47.4	37.7	4.5	5.2
Clerical workers .....	100.0	2.1	20.7	77.1	68.2	5.7	3.2
Blue-collar workers .....	100.0	6.3	11.2	82.5	65.5	11.9	5.1
Craftsmen and kindred workers .....	100.0	4.0	12.6	83.4	58.9	17.8	6.7
Operatives, except transport .....	100.0	6.5	8.2	85.3	69.1	11.7	4.5
Transport equipment operatives .....	100.0	5.6	57.1	37.2	19.9	5.6	11.7
Nonfarm laborers .....	100.0	6.9	21.4	71.7	56.9	8.9	5.9
Service workers .....	100.0	6.2	41.2	52.6	40.1	6.0	6.5
Private household .....	100.0	9.4	57.2	33.4	20.7	5.0	7.7
Other service workers .....	100.0	5.4	37.5	57.1	44.6	6.2	6.3

<sup>1</sup>Percent not shown where base is less than 75,000.

## A-29: Employment status of 14-15 year-olds by sex and color

October 1973  
(In thousands)

Employment status	Total			White			Negro and other races		
	Both sexes	Male	Female	Both sexes	Male	Female	Both sexes	Male	Female
Civilian noninstitutional population .....	8,326	4,232	4,094	7,097	3,620	3,478	1,229	612	617
Civilian labor force .....	1,576	875	701	1,494	822	672	81	53	29
Employed .....	1,410	761	649	1,360	728	632	51	34	17
Agriculture .....	185	147	39	182	143	39	3	4	--
Nonagricultural industries .....	1,225	615	610	1,178	855	593	47	30	17
Unemployed .....	165	113	52	135	94	40	31	19	12
Not in labor force .....	6,750	3,357	3,393	5,603	2,798	2,805	1,147	559	588
Keeping house .....	59	13	46	41	8	34	18	5	13
Going to school .....	6,520	3,243	3,277	5,415	2,706	2,709	1,105	537	568
Unable to work .....	13	6	7	9	3	6	4	3	1
All other reasons .....	158	96	63	137	81	56	21	15	7

## A-30: Employed 14-15 year-olds by sex, class of worker, and major occupational group

October 1973

Characteristics	Thousands of persons			Percent distribution		
	Both sexes	Male	Female	Both sexes	Male	Female
<b>CLASS OF WORKER</b>						
Total .....	1,410	761	649	100.0	100.0	100.0
Nonagricultural industries .....	1,225	615	610	86.9	80.7	94.0
Wage and salary workers .....	1,139	547	592	80.8	71.8	91.2
Private household workers .....	520	101	419	36.9	13.3	64.6
Government workers .....	23	15	8	1.6	2.0	1.2
Other wage and salary workers .....	597	432	165	42.3	56.7	25.4
Self-employed workers .....	76	67	9	5.4	8.8	1.4
Unpaid family workers .....	10	1	9	.7	.1	1.4
Agriculture .....	185	147	39	13.1	19.3	6.0
Wage and salary workers .....	96	77	20	6.8	10.1	3.1
Self-employed workers .....	23	19	4	1.6	2.5	.6
Unpaid family workers .....	65	50	15	4.6	6.6	2.3
<b>OCCUPATION</b>						
Total .....	1,410	761	649	100.0	100.0	100.0
White-collar workers .....	321	234	86	22.8	30.7	13.3
Professional and technical .....	9	2	7	.6	.3	1.1
Managers and administrators, except farm .....	5	5	--	.4	.7	--
Sales workers .....	253	208	45	17.9	27.3	6.9
Clerical workers .....	53	19	35	3.8	2.5	5.4
Blue-collar workers .....	267	247	20	18.9	32.4	3.1
Craftsmen and kindred workers .....	10	10	--	.7	1.3	--
Operatives, except transport .....	38	36	2	2.7	4.7	.3
Transport equipment operatives .....	5	5	--	.4	.7	--
Nonfarm laborers .....	214	196	18	15.2	25.7	2.8
Service workers .....	662	154	509	47.0	20.2	78.5
Private household workers .....	443	27	416	31.4	3.5	64.2
Other service workers .....	220	127	93	15.6	16.7	14.4
Farm workers .....	160	127	33	11.3	16.7	5.1
Farmers and farm managers .....	4	3	2	.3	.4	.3
Farm laborers and foremen .....	156	124	32	11.1	16.3	4.9

**HOUSEHOLD DATA**  
**SEASONALLY ADJUSTED**

**A-31: Employment status of the noninstitutional population by sex and age, seasonally adjusted**  
(In thousands)

Employment status, sex, and age	1972			1973									
	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.
<b>Total</b>													
Total labor force	89,651	89,454	89,707	89,325	89,961	90,629	90,700	90,739	91,247	91,121	90,958	91,694	92,053
Civilian labor force	87,236	87,023	87,267	86,921	87,569	88,268	88,350	88,405	88,932	88,810	88,651	89,403	89,764
Employed	82,397	82,525	82,780	82,555	83,127	83,889	83,917	84,024	84,674	84,614	84,434	85,127	85,695
Agriculture	3,658	3,556	3,650	3,501	3,424	3,480	3,311	3,275	3,403	3,516	3,443	3,370	3,471
Nonagricultural industries	78,739	78,969	79,130	79,054	79,703	80,409	80,606	80,749	81,271	81,098	80,991	81,757	82,224
On part time for economic reasons	2,264	2,217	2,181	2,023	2,274	2,198	2,136	2,258	2,503	2,414	2,299	2,318	2,361
Usually work full time	1,027	1,025	968	893	1,020	940	987	1,042	1,083	1,192	1,190	1,090	1,098
Usually work part time	1,237	1,192	1,213	1,130	1,254	1,258	1,149	1,216	1,420	1,222	1,109	1,228	1,263
Unemployed	4,839	4,498	4,487	4,366	4,442	4,379	4,433	4,381	4,258	4,196	4,217	4,276	4,069
<b>Men, 20 years and over</b>													
Total labor force	51,184	51,079	51,150	50,970	51,054	51,323	51,228	51,259	51,409	51,533	51,411	51,539	51,788
Civilian labor force	49,162	49,044	49,152	49,001	49,095	49,389	49,303	49,347	49,519	49,646	49,528	49,667	49,918
Employed	47,227	47,308	47,475	47,361	47,448	47,711	47,622	47,668	47,913	48,140	47,979	48,132	48,446
Agriculture	2,630	2,599	2,664	2,557	2,475	2,516	2,442	2,422	2,488	2,476	2,491	2,462	2,488
Nonagricultural industries	44,597	44,709	44,811	44,804	44,973	45,195	45,180	45,246	45,425	45,664	45,488	45,670	45,958
Unemployed	1,935	1,736	1,677	1,640	1,647	1,678	1,681	1,679	1,606	1,506	1,549	1,535	1,472
<b>Women, 20 years and over</b>													
Civilian labor force	29,931	29,779	29,869	29,870	30,141	30,339	30,513	30,569	30,895	31,017	30,992	31,023	31,033
Employed	28,281	28,293	28,357	28,296	28,662	28,849	29,073	29,177	29,377	29,499	29,486	29,538	29,660
Agriculture	585	547	566	526	559	585	543	504	535	620	556	505	530
Nonagricultural industries	27,696	27,746	27,791	27,770	28,103	28,264	28,530	28,673	28,842	28,879	28,930	29,033	29,130
Unemployed	1,650	1,486	1,512	1,574	1,479	1,490	1,440	1,392	1,518	1,518	1,506	1,485	1,373
<b>Both sexes, 16-19 years</b>													
Civilian labor force	8,143	8,200	8,246	8,050	8,333	8,540	8,534	8,489	8,515	8,147	8,131	8,713	8,813
Employed	6,889	6,924	6,948	6,898	7,017	7,329	7,222	7,179	7,384	6,975	6,969	7,457	7,589
Agriculture	443	410	420	418	390	379	326	349	380	420	396	403	453
Nonagricultural industries	6,446	6,514	6,528	6,480	6,627	6,950	6,896	6,830	7,004	6,555	6,573	7,054	7,136
Unemployed	1,254	1,276	1,298	1,152	1,316	1,211	1,312	1,310	1,134	1,172	1,162	1,256	1,224

NOTE: Because of the independent seasonal adjustment of the various series, detail for the household data shown in tables A-31 through A-40 will not necessarily add to totals.

**A-32: Full- and part-time status of the civilian labor force by sex and age, seasonally adjusted**  
(Numbers in thousands)

Full- and part-time employment status, sex, and age	1972			1973									
	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.
<b>Full time</b>													
Total, 16 years and over:													
Civilian labor force	74,688	74,402	74,715	74,935	75,244	75,557	75,604	75,816	76,181	75,963	75,821	76,056	76,649
Employed	70,947	70,969	71,224	71,491	71,755	72,136	72,213	72,487	72,984	72,847	72,637	72,837	73,576
Unemployed	3,741	3,433	3,491	3,444	3,489	3,421	3,391	3,329	3,197	3,116	3,184	3,219	3,073
Unemployment rate	5.0	4.6	4.7	4.6	4.6	4.5	4.5	4.4	4.2	4.1	4.2	4.2	4.0
<b>Men, 20 years and over:</b>													
Civilian labor force	46,749	46,539	46,630	46,648	46,767	46,957	46,905	46,959	47,159	47,235	47,183	47,233	47,435
Employed	44,971	44,964	45,095	45,139	45,220	45,400	45,403	45,426	45,725	45,898	45,798	45,889	46,116
Unemployed	1,778	1,575	1,535	1,509	1,547	1,557	1,502	1,533	1,434	1,337	1,385	1,344	1,319
Unemployment rate	3.8	3.4	3.3	3.2	3.3	3.3	3.2	3.3	3.0	2.8	2.9	2.8	2.8
<b>Women, 20 years and over:</b>													
Civilian labor force	23,443	23,303	23,390	23,549	23,693	23,741	23,926	24,031	24,259	24,256	24,251	24,107	24,232
Employed	22,166	22,144	22,268	22,330	22,503	22,590	22,752	22,948	23,078	23,094	23,082	22,958	23,165
Unemployed	1,277	1,159	1,122	1,219	1,190	1,151	1,174	1,083	1,181	1,162	1,169	1,149	1,067
Unemployment rate	5.4	5.0	4.8	5.2	5.0	4.8	4.9	4.5	4.9	4.8	4.8	4.8	4.4
<b>Part time</b>													
Total, 16 years and over:													
Civilian labor force	12,559	12,679	12,705	12,220	12,589	12,708	12,873	12,787	12,456	12,538	12,824	13,519	13,214
Employed	11,495	11,616	11,640	11,249	11,600	11,754	11,792	11,690	11,386	11,489	11,755	12,447	12,259
Unemployed	1,064	1,063	1,065	971	989	954	1,081	1,097	1,070	1,049	1,069	1,072	960
Unemployment rate	8.5	8.4	8.4	7.9	7.9	7.5	8.4	8.6	8.6	8.4	8.3	7.9	7.3

NOTE: Persons on part-time schedules for economic reasons are included in the full-time employed category; unemployed persons are allocated by whether seeking full- or part-time work.

HOUSEHOLD DATA  
SEASONALLY ADJUSTED

A-33: Employment status by color, sex, and age, seasonally adjusted

(In thousands)

Characteristics	1972			1973									
	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.
<b>White</b>													
<b>Total:</b>													
Civilian labor force .....	77,673	77,338	77,531	77,418	77,885	78,186	78,334	78,483	78,930	78,644	78,618	79,309	79,679
Employed .....	73,774	73,802	73,989	73,888	74,327	74,713	74,813	75,009	75,543	75,421	75,283	75,969	76,442
Unemployed .....	3,899	3,536	3,542	3,530	3,558	3,473	3,521	3,474	3,387	3,223	3,335	3,340	3,237
Unemployment rate .....	5.0	4.6	4.6	4.6	4.6	4.4	4.5	4.4	4.3	4.1	4.2	4.2	4.1
<b>Males, 20 years and over:</b>													
Civilian labor force .....	44,308	44,160	44,267	44,217	44,268	44,341	44,263	44,326	44,480	44,540	44,485	44,628	44,784
Employed .....	42,647	42,718	42,885	42,822	42,886	42,971	42,892	42,977	43,163	43,353	43,232	43,371	43,592
Unemployed .....	1,661	1,442	1,382	1,395	1,382	1,370	1,371	1,349	1,317	1,187	1,253	1,257	1,192
Unemployment rate .....	3.7	3.3	3.1	3.2	3.1	3.1	3.1	3.0	3.0	2.7	2.8	2.8	2.7
<b>Females, 20 years and over:</b>													
Civilian labor force .....	26,018	25,830	25,877	25,971	26,160	26,233	26,496	26,575	26,918	26,885	26,913	26,918	26,935
Employed .....	24,754	24,704	24,698	24,734	25,006	25,086	25,355	25,487	25,721	25,711	25,731	25,776	25,875
Unemployed .....	1,264	1,126	1,179	1,237	1,154	1,147	1,141	1,088	1,197	1,174	1,182	1,142	1,060
Unemployment rate .....	4.9	4.4	4.6	4.8	4.4	4.4	4.3	4.1	4.4	4.4	4.4	4.2	3.9
<b>Both sexes, 16 to 19 years:</b>													
Civilian labor force .....	7,347	7,348	7,387	7,230	7,456	7,612	7,575	7,582	7,532	7,219	7,220	7,763	7,960
Employed .....	6,373	6,380	6,406	6,332	6,435	6,652	6,566	6,545	6,659	6,357	6,320	6,822	6,975
Unemployed .....	974	968	981	898	1,021	956	1,009	1,037	873	862	900	941	985
Unemployment rate .....	13.3	13.2	13.3	12.4	13.7	12.6	13.3	13.7	11.6	11.9	12.5	12.1	12.4
<b>Negro and other races</b>													
<b>Total:</b>													
Civilian labor force .....	9,632	9,701	9,725	9,647	9,788	10,030	9,981	9,962	9,927	10,146	10,074	10,146	10,181
Employed .....	8,668	8,723	8,787	8,790	8,906	9,127	9,073	9,027	9,086	9,199	9,196	9,197	9,335
Unemployed .....	964	978	938	857	882	903	908	935	841	947	878	949	846
Unemployment rate .....	10.0	10.1	9.6	8.9	9.0	9.0	9.1	9.4	8.5	9.3	8.7	9.4	8.3
<b>Males, 20 years and over:</b>													
Civilian labor force .....	4,890	4,874	4,892	4,823	4,887	5,036	5,042	5,050	5,038	5,115	5,066	5,075	5,169
Employed .....	4,592	4,587	4,608	4,578	4,621	4,730	4,729	4,707	4,764	4,791	4,776	4,801	4,877
Unemployed .....	298	287	284	245	266	306	313	343	274	324	290	274	292
Unemployment rate .....	6.1	5.9	5.8	5.1	5.4	6.1	6.2	6.8	5.4	6.3	5.7	5.4	5.6
<b>Females, 20 years and over:</b>													
Civilian labor force .....	3,922	3,965	3,979	3,997	3,994	4,106	3,997	4,003	3,954	4,102	4,113	4,095	4,125
Employed .....	3,534	3,593	3,638	3,628	3,665	3,769	3,711	3,686	3,650	3,770	3,790	3,752	3,812
Unemployed .....	388	372	341	369	329	337	286	317	304	332	323	343	313
Unemployment rate .....	9.9	9.4	8.6	9.2	8.2	8.2	7.2	7.9	7.7	8.1	7.9	8.4	7.6
<b>Both sexes, 16 to 19 years:</b>													
Civilian labor force .....	820	862	854	827	907	888	942	909	935	929	895	976	887
Employed .....	542	543	541	584	620	628	633	634	672	638	630	644	646
Unemployed .....	278	319	313	243	287	260	309	275	263	291	265	232	241
Unemployment rate .....	33.9	37.0	36.7	29.4	31.6	29.3	32.8	30.3	28.1	31.3	29.6	34.0	27.2

A-34: Unemployed persons by duration of unemployment, seasonally adjusted

(In thousands)

Duration of unemployment	1972			1973									
	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.
<b>Less than 5 weeks .....</b>	2,239	2,151	2,026	2,060	2,324	2,138	2,184	2,257	2,233	2,213	2,240	2,167	1,960
<b>5 to 14 weeks .....</b>	1,455	1,348	1,444	1,375	1,265	1,330	1,485	1,290	1,202	1,268	1,205	1,351	1,303
<b>15 weeks and over .....</b>	1,117	1,068	1,001	919	895	859	763	802	775	750	796	778	776
15 to 26 weeks .....	589	579	530	515	530	479	460	450	453	482	457	489	439
27 weeks and over .....	528	489	471	404	365	380	303	352	322	268	339	289	337
<b>Average (mean) duration .....</b>	11.9	11.6	11.4	10.9	10.5	10.5	9.9	10.0	9.8	9.6	10.0	9.4	10.4

# HOUSEHOLD DATA SEASONALLY ADJUSTED

46

## A-35: Major unemployment indicators, seasonally adjusted

(Unemployment rates)

Selected categories	1972			1973									
	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.
Total (all civilian workers) .....	5.5	5.2	5.1	5.0	5.1	5.0	5.0	5.0	4.8	4.7	4.8	4.8	4.5
Men, 20 years and over .....	3.9	3.5	3.4	3.3	3.4	3.4	3.4	3.4	3.2	3.0	3.1	3.1	2.9
Women, 20 years and over .....	5.5	5.0	5.1	5.3	4.9	4.9	4.7	4.6	4.9	4.9	4.9	4.8	4.4
Both sexes, 16-19 years .....	15.4	15.6	15.7	14.3	15.8	14.2	15.4	15.4	13.3	14.4	14.3	14.4	13.9
White .....	5.0	4.6	4.6	4.6	4.6	4.4	4.5	4.4	4.3	4.1	4.2	4.2	4.1
Negro and other races .....	10.0	10.1	9.6	8.9	9.0	9.0	9.1	9.4	8.5	9.3	8.7	9.4	8.3
Household heads .....	3.4	2.9	2.9	2.9	3.0	3.0	3.0	2.9	2.9	2.7	2.8	2.7	2.7
Married men .....	2.8	2.5	2.4	2.4	2.4	2.5	2.4	2.3	2.3	2.1	2.1	2.1	2.1
Full-time workers .....	5.0	4.6	4.7	4.6	4.6	4.5	4.5	4.4	4.2	4.1	4.2	4.2	4.0
Part-time workers .....	8.5	8.4	8.4	7.9	7.9	7.5	8.4	8.6	8.6	8.4	8.3	7.9	7.3
Unemployed 15 weeks and over <sup>1</sup> .....	1.3	1.2	1.1	1.1	1.0	1.0	.9	.9	.9	.8	.9	.9	.9
State insured <sup>2</sup> .....	3.2	3.1	3.1	2.9	2.8	2.9	2.7	2.7	2.8	2.7	2.7	2.7	2.7
Labor force time lost <sup>3</sup> .....	5.8	5.4	5.3	5.3	5.4	5.2	5.3	5.3	5.1	5.2	5.2	5.1	5.0
<b>Occupation</b>													
White-collar workers .....	3.5	3.1	3.3	3.2	3.0	2.9	3.1	2.8	2.8	2.9	3.0	2.9	2.7
Professional and technical .....	2.6	2.2	2.6	2.4	2.0	2.3	2.2	2.0	1.9	1.9	2.3	2.3	2.2
Managers and administrators, except farm .....	2.0	1.9	1.7	1.6	1.7	1.2	1.5	1.4	1.4	1.5	1.2	1.2	1.5
Sales workers .....	4.4	4.3	4.3	3.9	3.5	3.5	3.9	3.6	3.4	3.6	3.9	3.6	3.1
Clerical workers .....	4.8	3.9	4.4	4.5	4.3	4.2	4.4	4.0	4.1	4.1	4.2	4.2	3.6
Blue-collar workers .....	6.0	5.8	5.6	5.6	5.7	5.4	5.4	5.4	5.3	5.3	5.2	5.1	5.1
Craftsmen and kindred workers .....	4.1	4.2	3.9	3.7	3.8	3.8	3.7	3.6	3.5	4.1	3.8	3.7	3.6
Operatives .....	6.3	5.9	5.8	6.3	6.2	5.8	5.6	5.7	5.7	5.3	5.5	5.2	5.3
Nonfarm laborers .....	9.3	9.1	8.8	8.4	8.9	8.2	8.7	8.9	8.7	8.2	8.2	8.1	8.0
Service workers .....	6.4	6.3	6.2	5.5	6.1	6.2	6.0	5.7	5.0	5.6	5.5	5.8	5.1
Farm workers .....	2.9	3.4	2.3	2.4	2.5	2.2	3.0	3.7	2.6	1.9	2.6	2.4	2.3
<b>Industry</b>													
Nonagricultural private wage and salary workers <sup>4</sup> .....	5.6	5.3	5.2	5.1	5.1	4.9	4.9	4.9	4.7	4.7	4.7	4.8	4.5
Construction .....	10.3	10.5	9.8	9.0	8.7	8.5	9.4	9.0	7.9	9.6	8.2	9.9	9.1
Manufacturing .....	5.1	4.6	4.4	5.0	4.5	4.6	4.3	4.5	4.4	3.8	4.1	4.2	3.7
Durable goods .....	4.5	4.2	3.9	4.6	4.3	4.5	3.8	4.1	3.7	3.3	3.6	4.1	3.6
Nondurable goods .....	5.8	5.2	5.2	5.5	4.9	4.9	5.1	5.1	5.3	4.5	4.8	4.4	3.9
Transportation and public utilities .....	3.3	2.8	2.7	2.9	3.2	3.0	2.5	2.8	3.6	2.7	3.1	2.9	2.9
Wholesale and retail trade .....	6.5	6.3	6.1	5.6	5.9	5.3	5.7	5.6	5.2	6.0	6.0	5.6	5.2
Finance and service industries .....	5.0	4.5	4.9	4.4	4.7	4.7	4.5	4.1	4.0	4.0	4.1	3.9	4.1
Government workers .....	3.0	2.9	3.0	2.3	2.6	2.6	3.3	2.7	2.6	3.0	2.7	3.0	2.7
Agricultural wage and salary workers .....	10.0	8.7	6.4	6.4	7.3	6.5	8.1	9.7	6.8	5.0	7.6	5.8	6.8

<sup>1</sup> Unemployment rate calculated as a percent of civilian labor force.

<sup>2</sup> Insured unemployment under State programs as a percent of average covered employment. As with the other statistics presented, insured unemployment data relate to the week containing the 12th.

<sup>3</sup> Man-hours lost by the unemployed and persons on part-time for economic reasons as a percent of potentially available labor force man-hours.

<sup>4</sup> Includes mining, not shown separately.

## HOUSEHOLD DATA SEASONALLY ADJUSTED

**A-36: Rates of unemployment by sex and age, seasonally adjusted**

Sex and age	1972			1973									
	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.
<b>Total, 16 years and over</b> .....	5.5	5.2	5.1	5.0	5.1	5.0	5.0	5.0	4.8	4.7	4.8	4.8	4.5
16 to 19 years .....	15.4	15.6	15.7	14.3	15.8	14.2	15.4	15.4	13.3	14.4	14.3	14.4	13.9
16 and 17 years .....	17.6	18.3	17.5	17.3	18.8	17.2	19.4	18.7	17.2	16.3	16.5	16.9	16.3
18 and 19 years .....	13.7	13.7	14.4	12.2	13.5	12.2	12.6	13.4	10.0	12.7	12.7	12.8	12.0
20 to 24 years .....	9.2	8.4	8.7	8.2	7.9	7.9	8.1	8.1	7.7	8.0	7.9	7.9	6.6
25 years and over .....	3.6	3.3	3.2	3.3	3.3	3.2	3.1	3.1	3.2	3.0	3.0	2.9	2.9
25 to 54 years .....	3.6	3.4	3.4	3.4	3.4	3.4	3.3	3.2	3.3	3.0	3.1	3.0	2.9
55 years and over .....	3.4	2.8	3.0	2.9	2.7	2.6	2.5	2.5	2.6	2.8	2.8	2.6	2.7
<b>Males, 16 years and over</b> .....	4.8	4.6	4.4	4.2	4.3	4.3	4.4	4.4	4.1	3.9	4.0	3.9	3.9
16 to 19 years .....	14.5	15.7	15.4	13.4	14.4	13.4	14.7	14.7	12.8	14.0	14.1	13.7	13.2
16 and 17 years .....	17.1	18.4	17.4	17.1	18.0	17.1	20.0	18.0	16.7	16.5	16.2	15.2	15.8
18 and 19 years .....	12.5	13.7	13.7	11.0	11.3	10.6	10.7	12.3	9.6	11.4	12.4	12.8	11.0
20 to 24 years .....	8.8	8.5	8.2	7.7	7.5	7.5	7.9	7.8	7.4	6.9	7.4	7.0	6.1
25 years and over .....	3.1	2.8	2.7	2.6	2.7	2.7	2.7	2.7	2.5	2.4	2.4	2.4	2.4
25 to 54 years .....	2.9	2.8	2.6	2.7	2.8	2.8	2.8	2.7	2.5	2.3	2.4	2.3	2.2
55 years and over .....	3.5	2.7	3.0	2.5	2.3	2.2	2.4	2.6	2.8	2.9	2.6	2.8	2.8
<b>Females, 16 years and over</b> .....	6.7	6.1	6.3	6.4	6.3	6.1	6.0	5.9	5.9	5.9	5.9	6.0	5.6
16 to 19 years .....	16.6	15.4	16.2	15.4	17.5	15.2	16.2	16.3	13.9	14.9	14.5	15.3	14.7
16 and 17 years .....	18.4	18.1	17.6	17.7	20.0	17.4	18.7	19.6	17.7	15.9	16.7	19.0	17.1
18 and 19 years .....	15.2	13.8	15.4	13.7	16.1	14.0	14.8	14.7	10.4	14.2	13.1	12.8	13.1
20 to 24 years .....	9.7	8.2	9.2	8.9	8.3	8.4	8.3	8.4	8.0	9.4	8.6	8.9	7.3
25 years and over .....	4.5	4.3	4.2	4.4	4.3	4.1	3.9	3.7	4.2	3.9	4.0	3.8	3.7
25 to 54 years .....	4.8	4.6	4.6	4.7	4.5	4.3	4.3	4.1	4.7	4.3	4.3	4.1	4.0
55 years and over .....	3.2	3.0	3.0	3.7	3.5	3.4	2.6	2.3	2.4	2.6	3.2	2.4	2.4

**A-37: Unemployed persons by reason for unemployment, seasonally adjusted**

(Numbers in thousands)

Reason for unemployment	1972			1973									
	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.
<b>Number of unemployed</b>													
Lost last job .....	1,988	1,882	1,846	1,758	1,724	1,677	1,652	1,597	1,713	1,584	1,609	1,659	1,467
Left last job .....	685	646	672	550	671	745	653	605	659	663	631	666	671
Reentered labor force .....	1,450	1,375	1,322	1,409	1,377	1,296	1,484	1,509	1,203	1,301	1,381	1,308	1,236
Never worked before .....	638	621	629	679	684	714	704	765	620	629	597	637	604
<b>Percent distribution</b>													
Total unemployed .....	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Lost last job .....	41.8	41.6	41.3	40.0	38.7	37.8	36.8	35.7	40.8	37.9	38.2	38.9	36.9
Left last job .....	14.4	14.3	15.0	12.5	15.1	16.8	14.5	13.5	15.7	15.9	15.0	15.6	16.9
Reentered labor force .....	30.5	30.4	29.6	32.1	30.9	29.2	33.0	33.7	28.7	31.1	32.7	30.6	31.1
Never worked before .....	13.4	13.7	14.1	15.4	15.4	16.1	15.7	17.1	14.8	15.1	14.2	14.9	15.2
<b>Unemployed as a percent of the civilian labor force</b>													
Lost last job .....	2.3	2.2	2.1	2.0	2.0	1.9	1.9	1.8	1.9	1.8	1.8	1.9	1.6
Left last job .....	.8	.7	.8	.6	.8	.8	.7	.7	.7	.7	.7	.7	.7
Reentered labor force .....	1.7	1.6	1.5	1.6	1.6	1.5	1.7	1.7	1.4	1.5	1.6	1.5	1.4
Never worked before .....	.7	.7	.7	.8	.8	.8	.8	.9	.7	.7	.7	.7	.7

**HOUSEHOLD DATA  
SEASONALLY ADJUSTED**

**A-38: Employed persons by sex and age, seasonally adjusted**  
(In thousands)

Sex and age	1972			1973									
	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.
<b>Total</b>													
16 years and over .....	82,397	82,525	82,780	82,555	83,127	83,889	83,917	84,024	84,674	84,614	84,434	85,127	85,695
16 to 19 years .....	6,889	6,924	6,948	6,898	7,017	7,329	7,222	7,179	7,384	6,975	6,969	7,457	7,589
16 and 17 years .....	2,814	2,816	2,861	2,772	2,898	3,018	2,992	3,024	3,004	2,936	2,898	3,186	3,212
18 and 19 years .....	4,076	4,099	4,070	4,144	4,166	4,282	4,190	4,180	4,353	4,073	4,041	4,258	4,387
20 to 24 years .....	11,160	11,246	11,266	11,321	11,428	11,585	11,593	11,636	11,717	11,661	11,622	11,742	12,029
25 years and over .....	64,449	64,357	64,554	64,417	64,777	65,041	65,164	65,230	65,507	65,848	65,847	66,028	66,257
25 to 54 years .....	50,409	50,440	50,671	50,667	50,991	51,135	51,362	51,524	51,736	52,040	52,025	52,251	52,451
55 years and over .....	14,024	13,910	13,889	13,747	13,812	13,864	13,753	13,696	13,794	13,823	13,836	13,792	13,767
<b>Male</b>													
16 years and over .....	51,132	51,165	51,336	51,201	51,375	51,812	51,639	51,587	51,948	52,028	51,847	52,284	52,705
16 to 19 years .....	3,905	3,857	3,861	3,840	3,927	4,101	4,017	3,919	4,035	3,888	3,868	4,152	4,259
16 and 17 years .....	1,631	1,619	1,636	1,560	1,671	1,758	1,675	1,706	1,704	1,667	1,655	1,825	1,842
18 and 19 years .....	2,284	2,231	2,229	2,285	2,311	2,327	2,297	2,231	2,315	2,243	2,189	2,315	2,433
20 to 24 years .....	6,263	6,297	6,349	6,383	6,394	6,524	6,498	6,533	6,529	6,544	6,486	6,561	6,777
25 years and over .....	41,034	41,006	41,107	41,026	41,108	41,248	41,166	41,155	41,340	41,560	41,472	41,627	41,794
25 to 54 years .....	32,123	32,195	32,267	32,322	32,346	32,385	32,502	32,556	32,682	32,896	32,831	32,954	33,067
55 years and over .....	8,870	8,827	8,841	8,705	8,779	8,851	8,691	8,583	8,675	8,651	8,630	8,658	8,672
<b>Female</b>													
16 years and over .....	31,265	31,360	31,444	31,354	31,752	32,077	32,278	32,437	32,726	32,586	32,587	32,843	32,990
16 to 19 years .....	2,984	3,067	3,087	3,058	3,090	3,228	3,205	3,260	3,349	3,087	3,101	3,305	3,330
16 and 17 years .....	1,183	1,197	1,225	1,212	1,227	1,260	1,317	1,318	1,300	1,269	1,243	1,361	1,370
18 and 19 years .....	1,792	1,868	1,841	1,859	1,885	1,955	1,893	1,949	2,038	1,830	1,852	1,943	1,954
20 to 24 years .....	4,897	4,949	4,917	4,938	5,034	5,061	5,095	5,103	5,188	5,117	5,136	5,181	5,252
25 years and over .....	23,415	23,351	23,447	23,391	23,669	23,793	23,998	24,075	24,167	24,288	24,375	24,401	24,463
25 to 54 years .....	18,286	18,245	18,404	18,345	18,645	18,750	18,860	18,968	19,054	19,144	19,194	19,297	19,384
55 years and over .....	5,154	5,083	5,048	5,042	5,033	5,013	5,062	5,113	5,119	5,172	5,206	5,134	5,095

**A-39: Employed persons by major occupational group, seasonally adjusted**  
(In thousands)

Occupational group	1972			1973									
	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.
<b>White-collar workers</b> .....	39,429	39,636	39,481	39,923	40,054	40,127	39,858	40,067	40,111	40,104	40,556	40,813	41,010
Professional & technical .....	11,494	11,632	11,628	11,798	11,737	11,635	11,451	11,485	11,710	11,672	11,924	11,936	12,051
Managers and administrators, except farm .....	8,080	8,162	8,342	8,389	8,504	8,480	8,559	8,555	8,490	8,571	8,656	8,670	8,767
Sales workers .....	5,440	5,458	4,311	5,561	5,410	5,443	5,447	5,453	5,532	5,433	5,285	5,436	5,430
Clerical workers .....	14,415	14,384	14,200	14,175	14,403	14,569	14,401	14,574	14,379	14,428	14,691	14,771	14,762
<b>Blue-collar workers</b> .....	28,850	28,754	28,901	28,989	29,279	29,658	29,987	30,066	30,043	30,264	29,744	30,131	30,352
Craftsmen and kindred workers .....	10,742	10,703	10,763	10,909	10,980	11,213	11,271	11,472	11,610	11,525	11,281	11,359	11,253
Operatives <sup>1</sup> .....	13,714	13,758	13,817	13,827	14,168	14,212	14,425	14,339	14,137	14,396	14,209	14,316	14,563
Nonfarm laborers .....	4,394	4,293	4,321	4,253	4,131	4,233	4,291	4,255	4,296	4,343	4,254	4,456	4,536
<b>Service workers</b> .....	10,963	10,956	10,060	10,756	10,745	10,946	11,099	11,107	11,388	11,137	11,205	11,296	11,379
Farmers and farm laborers .....	3,249	3,193	3,244	3,089	3,066	3,047	2,911	2,872	2,982	3,093	2,998	2,903	3,062

<sup>1</sup> Data represent the sum of transport equipment operatives and operatives, except transport.



A-40: Employment status of male Vietnam Era veterans and nonveterans 20 to 34 years of age

Employment status	(Numbers in thousands)								
	Oct. 1972	Sept. 1973	Oct. 1973	Seasonally adjusted					
				Oct. 1972	June 1973	July 1973	Aug. 1973	Sept. 1973	Oct. 1973
<b>VETERANS<sup>1</sup></b>									
<b>Total, 20 to 29 years</b>									
Civilian noninstitutional population <sup>2</sup> .....	4,624	4,706	4,716	4,624	4,682	4,687	4,695	4,706	4,716
Civilian labor force .....	4,281	4,374	4,407	4,310	4,380	4,343	4,376	4,341	4,420
Employed .....	4,045	4,169	4,233	4,026	4,118	4,100	4,110	4,107	4,211
Unemployed .....	236	205	174	284	262	243	266	234	209
Unemployment rate .....	5.5	4.7	3.9	6.6	6.0	5.6	6.1	5.4	4.7
<b>20 to 24 years</b>									
Civilian noninstitutional population <sup>2</sup> .....	1,885	1,602	1,577	1,885	1,681	1,652	1,626	1,602	1,577
Civilian labor force .....	1,678	1,446	1,423	1,709	1,551	1,470	1,458	1,430	1,444
Employed .....	1,541	1,350	1,328	1,543	1,388	1,347	1,311	1,321	1,329
Unemployed .....	137	96	95	166	163	123	147	109	115
Unemployment rate .....	8.2	6.6	6.7	9.7	10.5	8.4	10.1	7.6	8.0
<b>25 to 29 years</b>									
Civilian noninstitutional population <sup>2</sup> .....	2,739	3,104	3,139	2,739	3,001	3,035	3,069	3,104	3,139
Civilian labor force .....	2,603	2,928	2,984	2,601	2,829	2,873	2,918	2,911	2,976
Employed .....	2,504	2,819	2,905	2,483	2,730	2,753	2,799	2,786	2,882
Unemployed .....	99	109	79	118	99	120	119	125	94
Unemployment rate .....	3.8	3.7	2.6	4.5	3.5	4.2	4.1	4.3	3.2
<b>Total, 30 to 34 years</b>									
Civilian noninstitutional population <sup>2</sup> .....	777	1,089	1,117	777	1,003	1,031	1,060	1,089	1,117
Civilian labor force .....	753	1,069	1,097	752	983	1,005	1,018	1,077	1,095
Employed .....	733	1,041	1,069	731	960	990	999	1,032	1,066
Unemployed .....	20	28	28	21	23	15	19	45	29
Unemployment rate .....	2.7	2.6	2.6	2.8	2.3	1.5	1.9	4.2	2.6
<b>NONVETERANS</b>									
<b>Total, 20 to 29 years</b>									
Civilian noninstitutional population <sup>2</sup> .....	10,209	10,914	10,967	10,209	10,745	10,797	10,853	10,914	10,967
Civilian labor force .....	8,862	9,546	9,619	8,962	9,390	9,437	9,444	9,537	9,719
Employed .....	8,331	9,036	9,187	8,377	8,866	8,906	8,879	9,007	9,242
Unemployed .....	531	510	432	585	524	531	565	530	477
Unemployment rate .....	6.0	5.3	4.5	6.5	5.6	5.6	6.0	5.6	4.9
<b>20 to 24 years</b>									
Civilian noninstitutional population <sup>2</sup> .....	6,194	6,770	6,812	6,194	6,629	6,675	6,718	6,770	6,812
Civilian labor force .....	5,053	5,607	5,663	5,158	5,499	5,520	5,521	5,599	5,770
Employed .....	4,648	5,243	5,361	4,719	5,135	5,165	5,137	5,233	5,443
Unemployed .....	405	364	302	439	364	355	384	366	327
Unemployment rate .....	8.0	6.5	5.3	8.5	6.6	6.4	7.0	6.5	5.7
<b>25 to 29 years</b>									
Civilian noninstitutional population <sup>2</sup> .....	4,015	4,144	4,155	4,015	4,116	4,122	4,135	4,144	4,155
Civilian labor force .....	3,809	3,939	3,956	3,804	3,891	3,917	3,923	3,938	3,949
Employed .....	3,683	3,793	3,826	3,658	3,731	3,741	3,742	3,774	3,799
Unemployed .....	126	146	130	146	160	176	181	164	150
Unemployment rate .....	3.3	3.7	3.3	3.8	4.1	4.5	4.6	4.2	3.8
<b>Total, 30 to 34 years</b>									
Civilian noninstitutional population <sup>2</sup> .....	3,447	3,645	3,659	3,447	3,599	3,621	3,633	3,645	3,659
Civilian labor force .....	3,313	3,510	3,534	3,311	3,480	3,516	3,504	3,504	3,527
Employed .....	3,230	3,448	3,470	3,218	3,406	3,446	3,420	3,427	3,456
Unemployed .....	83	62	64	93	74	70	84	77	71
Unemployment rate .....	2.5	1.8	1.8	2.8	2.1	2.0	2.4	2.2	2.0

<sup>1</sup> Vietnam Era veterans are those who served after August 4, 1964. At present, of the Vietnam Era veterans of all ages, 73 percent are 20 to 29 years of age and 17 percent are 30 to 34 years of age. Post-Korean-peace-time veterans are not included in this table.

<sup>2</sup> Since seasonal variations are not present in the population figures, identical numbers appear in the unadjusted and seasonally adjusted columns.

**ESTABLISHMENT DATA**  
**HISTORICAL EMPLOYMENT**
**B-1: Employees on nonagricultural payrolls, by industry division**  
**1919 to date**

(In thousands)

Year and month	Total	Goods-producing				Service-producing									
		Total	Mining	Contract construc- tion	Manufac- turing	Total	Transporta- tion and public utilities	Wholesale and retail trade			Finance, insurance, and real estate	Services	Government		
								Total	Wholesale trade	Retail trade			Total	Federal	State and local
1919.....	27,088	12,813	1,133	1,021	10,659	14,275	3,711	4,514	-	-	1,111	2,263	2,676	-	-
1920.....	27,350	12,745	1,239	848	10,658	14,605	3,998	4,467	-	-	1,175	2,362	2,603	-	-
1921.....	24,382	10,231	962	1,012	8,257	14,151	3,459	4,589	-	-	1,163	2,412	2,528	-	-
1922.....	25,827	11,234	929	1,185	9,120	14,593	3,505	4,903	-	-	1,144	2,503	2,538	-	-
1923.....	28,394	12,741	1,212	1,229	10,300	15,653	3,882	5,290	-	-	1,190	2,684	2,607	-	-
1924.....	28,040	12,093	1,101	1,321	9,671	15,947	3,807	5,407	-	-	1,231	2,782	2,720	-	-
1925.....	28,778	12,474	1,089	1,446	9,939	16,304	3,826	5,576	-	-	1,233	2,869	2,800	-	-
1926.....	29,819	12,896	1,185	1,555	10,156	16,923	3,942	5,784	-	-	1,305	3,046	2,846	-	-
1927.....	29,976	12,723	1,114	1,608	10,001	17,253	3,895	5,908	-	-	1,367	3,168	2,915	-	-
1928.....	30,000	12,603	1,050	1,606	9,947	17,397	3,828	5,874	-	-	1,435	3,265	2,995	-	-
1929.....	31,339	13,286	1,087	1,497	10,702	18,053	3,916	6,123	-	-	1,509	3,440	3,065	533	2,532
1930.....	29,424	11,943	1,009	1,372	9,562	17,481	3,685	5,797	-	-	1,475	3,376	3,148	526	2,622
1931.....	26,649	10,257	873	1,214	8,170	16,392	3,254	5,284	-	-	1,407	3,183	3,264	560	2,704
1932.....	23,628	8,632	731	970	6,931	14,996	2,816	4,683	-	-	1,341	2,931	3,225	559	2,666
1933.....	23,711	8,950	744	809	7,397	14,761	2,672	4,755	-	-	1,295	2,873	3,166	565	2,601
1934.....	25,953	10,246	883	862	8,501	15,707	2,750	5,281	-	-	1,319	3,058	3,299	652	2,647
1935.....	27,053	10,878	897	912	9,069	16,175	2,786	5,431	-	-	1,335	3,142	3,481	753	2,728
1936.....	29,082	11,918	946	1,145	9,827	17,164	2,973	5,809	-	-	1,388	3,326	3,668	826	2,842
1937.....	31,026	12,921	1,015	1,112	10,794	18,105	3,134	6,265	-	-	1,432	3,518	3,756	833	2,923
1938.....	29,209	11,386	891	1,055	9,440	17,823	2,863	6,179	-	-	1,425	3,473	3,883	829	3,054
1939.....	30,618	12,282	854	1,150	10,278	18,336	2,936	6,426	1,684	4,742	1,462	3,517	3,995	905	3,090
1940.....	32,376	13,204	925	1,294	10,985	19,173	3,038	6,750	1,754	4,996	1,502	3,681	4,202	996	3,206
1941.....	36,554	15,939	957	1,790	13,192	20,614	3,274	7,210	1,873	5,338	1,549	3,921	4,660	1,340	3,320
1942.....	40,125	18,442	992	2,170	15,280	21,683	3,460	7,118	1,821	5,297	1,538	4,084	5,483	2,213	3,270
1943.....	42,452	20,094	925	1,567	17,602	22,359	3,647	6,982	1,741	5,241	1,502	4,148	6,080	2,905	3,174
1944.....	41,883	19,314	892	1,094	17,328	22,569	3,829	7,058	1,762	5,296	1,476	4,163	6,043	2,928	3,116
1945.....	40,394	17,492	836	1,132	15,524	22,902	3,906	7,314	1,862	5,452	1,497	4,241	5,944	2,808	3,137
1946.....	41,674	17,226	862	1,661	14,703	24,448	4,061	8,376	2,190	6,186	1,697	4,719	5,595	2,254	3,341
1947.....	43,881	18,482	955	1,982	15,545	25,399	4,166	8,955	2,361	6,595	1,754	5,050	5,474	1,892	3,582
1948.....	44,891	18,745	994	2,169	15,582	26,146	4,189	9,272	2,489	6,783	1,829	5,206	5,650	1,863	3,787
1949.....	43,778	17,536	930	2,165	14,441	26,242	4,001	9,264	2,487	6,778	1,857	5,264	5,856	1,908	3,948
1950.....	45,222	18,475	901	2,333	15,241	26,747	4,034	9,386	2,518	6,868	1,919	5,382	6,026	1,928	4,098
1951.....	47,849	19,925	929	2,603	16,393	27,924	4,226	9,742	2,606	7,136	1,991	5,576	6,389	2,302	4,087
1952.....	48,825	20,164	898	2,634	16,632	28,660	4,248	10,004	2,687	7,317	2,069	5,730	6,609	2,420	4,188
1953.....	50,232	21,038	866	2,623	17,549	29,195	4,290	10,247	2,727	7,520	2,146	5,867	6,645	2,305	4,340
1954.....	49,022	19,717	791	2,612	16,314	29,306	4,084	10,235	2,739	7,496	2,234	6,002	6,751	2,188	4,563
1955.....	50,675	20,476	792	2,802	16,882	30,199	4,141	10,535	2,796	7,740	2,335	6,274	6,914	2,187	4,727
1956.....	52,408	21,064	822	2,999	17,243	31,344	4,244	10,858	2,884	7,974	2,429	6,536	7,277	2,209	5,069
1957.....	52,894	20,925	828	2,923	17,174	31,969	4,241	10,886	2,893	7,992	2,477	6,749	7,616	2,217	5,399
1958.....	51,363	19,474	751	2,778	15,945	31,890	3,976	10,750	2,848	7,902	2,519	6,806	7,839	2,191	5,648
1959.....	53,313	20,367	732	2,960	16,675	32,945	4,011	11,127	2,946	8,182	2,594	7,130	8,083	2,233	5,850
1960.....	54,234	20,393	712	2,885	16,796	33,840	4,004	11,391	3,004	8,388	2,669	7,423	8,353	2,270	6,083
1961.....	54,042	19,814	672	2,816	16,326	34,229	3,903	11,337	2,993	8,344	2,731	7,664	8,594	2,279	6,315
1962.....	55,596	20,405	650	2,902	16,853	35,190	3,906	11,566	3,056	8,511	2,800	8,028	8,890	2,340	6,550
1963.....	56,702	20,593	635	2,963	16,995	36,108	3,903	11,778	3,104	8,675	2,877	8,325	9,225	2,358	6,868
1964.....	58,331	20,958	634	3,050	17,274	37,373	3,951	12,160	3,189	8,971	2,957	8,709	9,596	2,348	7,248
1965.....	60,815	21,880	632	3,186	18,062	38,936	4,036	12,716	3,312	9,404	3,023	9,087	10,074	2,378	7,696
1966.....	63,955	23,116	627	3,275	19,214	40,839	4,151	13,245	3,437	9,808	3,100	9,551	10,792	2,564	8,227
1967.....	65,857	23,268	613	3,208	19,447	42,589	4,261	13,606	3,525	10,081	3,225	10,099	11,398	2,719	8,679
1968.....	67,915	23,672	606	3,285	19,781	44,244	4,310	14,084	3,611	10,473	3,382	10,623	11,845	2,737	9,109
1969.....	70,284	24,221	619	3,435	20,167	46,063	4,429	14,639	3,733	10,906	3,564	11,229	12,202	2,758	9,444
1970.....	70,593	23,352	623	3,381	19,349	47,242	4,493	14,914	3,812	11,102	3,688	11,612	12,535	2,705	9,830
1971.....	70,645	22,542	602	3,411	18,529	48,103	4,442	15,142	3,809	11,333	3,796	11,869	12,856	2,664	10,191
1972.....	72,764	23,061	607	3,521	18,933	49,704	4,495	15,683	3,918	11,765	3,927	12,309	13,290	2,650	10,640
1972:Oct.	74,118	23,750	609	3,782	19,359	50,368	4,549	15,887	3,982	11,905	3,957	12,463	13,512	2,627	10,885
Nov.	74,449	23,651	607	3,630	19,414	50,798	4,554	16,162	3,987	12,175	3,965	12,472	13,645	2,631	11,014
Dec.	74,778	23,399	603	3,373	19,423	51,379	4,558	16,669	3,998	12,671	3,971	12,474	13,707	2,671	11,036
1973:Jan.	73,343	23,032	598	3,155	19,279	50,311	4,510	15,865	3,973	11,892	3,959	12,406	13,571	2,619	10,952
Feb.	73,724	23,202	598	3,184	19,420	50,522	4,507	15,776	3,974	11,802	3,978	12,530	13,731	2,619	11,112
Mar.	74,255	23,413	598	3,294	19,521	50,842	4,539	15,880	3,989	11,891	4,000	12,627	13,796	2,623	11,173
Apr.	74,861	23,631	603	3,442	19,586	51,230	4,559	16,088	4,000	12,088	4,019	12,771	13,793	2,631	11,162
May.	75,404	23,891	608	3,616	19,667	51,513	4,593	16,200	4,014	12,186	4,040	12,865	13,815	2,638	11,177
June.	76,308	24,481	642	3,837	20,002	51,827	4,661	16,335	4,096	12,239	4,089	12,999	13,743	2,631	11,112
July.	75,368	24,307	644	3,934	19,729	51,061	4,653	16,262	4,112	12,150	4,113	12,982	13,051	2,616	10,435
Aug.	75,686	24,647	648	3,981	20,018	51,039	4,659	16,279	4,136	12,143	4,121	13,009	12,971	2,617	10,354
Sept.	76,251	24,706	641	3,938	20,127	51,545	4,674	16,373	4,142	12,231	4,081	12,983	13,434	2,604	10,830
Oct.	76,830	24,692	639	3,918	20,135	52,138	4,675	16,518	4,176	12,342	4,074	13,066	13,805	2,595	11,210

p = preliminary.

r = revised.

NOTE: Data include Alaska and Hawaii beginning 1959. This inclusion has resulted in an increase of 212,000 (0.4 percent) in the nonagricultural total for the March 1959 benchmark month.

**ESTABLISHMENT DATA  
EMPLOYMENT**

**B-2: Employees on nonagricultural payrolls, by industry**

SIC CODE	Industry	(In thousands)									
		All employees					Production workers <sup>1</sup>				
		Sept. 1972	Oct. 1972	Aug. 1973	Sept. 1973 <sup>P</sup>	Oct. 1973 <sup>P</sup>	Sept. 1972	Oct. 1972	Aug. 1973	Sept. 1973 <sup>P</sup>	Oct. 1973 <sup>P</sup>
-	<b>TOTAL</b> .....	73,519	74,118	75,686	76,251	76,830	-	-	-	-	-
-	<b>PRIVATE SECTOR</b> .....	60,366	60,606	62,715	62,817	63,025	50,036	50,256	51,976	52,077	52,258
-	<b>MINING</b> .....	613	609	648	641	639	465	461	495	491	489
10	<b>METAL MINING</b> .....	87.2	86.6	93.1	92.5	-	69.4	69.0	73.9	73.7	-
101	Iron ores .....	21.1	20.7	22.1	22.0	-	17.0	16.7	18.0	18.0	-
102	Copper ores .....	39.3	39.6	43.6	42.7	-	31.2	31.6	34.8	34.2	-
11,12	<b>COAL MINING</b> .....	161.6	160.9	161.8	162.1	-	137.4	137.1	138.7	139.2	-
12	Bituminous coal and lignite mining .....	158.1	157.4	158.2	158.6	-	134.2	134.1	135.6	136.1	-
13	<b>OIL AND GAS EXTRACTION</b> .....	264.1	262.0	271.2	265.4	-	176.2	173.8	183.1	179.3	-
131,2	Crude petroleum and natural gas fields .....	136.9	136.2	134.8	131.7	-	70.1	69.4	68.8	67.8	-
138	Oil and gas field services .....	127.2	125.8	136.4	133.7	-	106.1	104.4	114.3	111.5	-
14	<b>NONMETALLIC MINERALS, EXCEPT FUELS</b> .....	117.0	115.8	121.6	120.5	-	96.2	95.1	99.4	98.4	-
142	Crushed and broken stone .....	40.8	40.4	43.1	43.2	-	34.5	34.2	36.1	36.3	-
144	Sand and gravel .....	40.6	40.0	42.0	41.3	-	-	-	-	-	-
-	<b>CONTRACT CONSTRUCTION</b> .....	3,785	3,782	3,981	3,938	3,918	3,162	3,159	3,333	3,294	3,267
15	<b>GENERAL BUILDING CONTRACTORS</b> .....	1,102.3	1,107.8	1,175.3	1,152.9	-	913.7	918.2	973.7	953.1	-
16	<b>HEAVY CONSTRUCTION CONTRACTORS</b> .....	856.9	842.8	881.3	868.9	-	740.6	727.6	760.8	748.8	-
161	Highway and street construction .....	412.6	402.2	418.9	410.7	-	368.5	358.9	373.5	365.8	-
162	Heavy construction, n.e.c. .....	444.3	440.6	462.4	458.2	-	372.1	368.7	387.3	383.0	-
17	<b>SPECIAL TRADE CONTRACTORS</b> .....	1,825.8	1,831.5	1,924.5	1,915.7	-	1,508.0	1,513.4	1,598.5	1,591.7	-
171	Plumbing, heating, air conditioning .....	445.0	447.4	470.4	476.3	-	351.0	353.8	374.1	379.9	-
172	Painting, paper hanging, decorating .....	138.1	137.1	145.7	140.6	-	120.2	119.4	128.9	123.7	-
173	Electrical work .....	333.7	331.7	351.7	350.8	-	268.7	267.3	285.5	284.6	-
174	Masonry, stonework, and plastering .....	212.4	216.6	214.7	215.6	-	191.3	195.6	193.1	194.0	-
176	Roofing and sheet metal work .....	127.1	128.1	130.9	129.4	-	105.4	106.1	108.1	107.5	-
-	<b>MANUFACTURING</b> .....	19,298	19,359	20,018	20,127	20,135	14,180	14,225	14,727	14,844	14,850
19,24,25,32-39	<b>DURABLE GOODS</b> .....	11,076	11,165	11,676	11,803	11,847	8,099	8,173	8,560	8,686	8,727
20-23,26-31	<b>NONDURABLE GOODS</b> .....	8,222	8,194	8,342	8,324	8,288	6,081	6,052	6,167	6,158	6,123
	<i>Durable Goods</i>										
19	<b>ORDNANCE AND ACCESSORIES</b> .....	189.0	190.5	192.3	190.5	190.1	94.8	96.2	97.3	96.6	96.8
192	Ammunition, except for small arms .....	129.7	131.4	134.2	133.3	134.3	57.7	59.3	61.7	61.6	63.2
1925	Complete guided missiles .....	92.8	93.6	95.2	95.2	-	29.1	29.4	30.7	31.3	-
1929	Ammunition, exc. for small arms, nec .....	36.9	37.8	39.0	38.1	-	28.6	29.9	31.0	30.3	-
24	<b>LUMBER AND WOOD PRODUCTS</b> .....	625.0	623.1	650.6	643.9	642.3	539.6	537.2	562.8	555.9	553.6
241	Logging camps & logging contractors .....	71.9	70.4	75.5	74.8	75.5	-	-	-	-	-
242	Sawmills and planing mills .....	218.9	217.2	222.1	221.0	220.3	198.2	196.2	201.9	200.8	200.2
2421	Sawmills and planing mills, general .....	185.9	184.1	189.2	188.2	-	168.4	166.4	172.4	171.3	-
243	Millwork, plywood & related products .....	211.3	211.9	223.5	218.8	216.5	176.9	177.4	187.1	182.4	179.6
2431	Millwork .....	89.6	90.0	94.8	92.9	-	73.7	74.3	77.9	76.0	-
2432	Veneer and plywood .....	83.0	83.3	87.7	87.0	-	73.5	73.6	77.6	76.7	-
244	Wooden containers .....	28.3	27.8	28.0	28.4	28.5	25.3	24.7	25.1	25.5	25.5
2441,2	Wooden boxes, shooks, and crates .....	23.0	22.5	22.6	22.8	-	20.7	20.1	20.4	20.6	-
249	Miscellaneous wood products .....	94.6	95.8	101.5	100.9	101.5	78.2	79.4	84.2	83.6	84.0

See footnotes at end of table.

B-2: Employees on nonagricultural payrolls, by industry--Continued

SIC Code	Industry	(In thousands)					Production workers <sup>1</sup>				
		All employees									
		Sept. 1972	Oct. 1972	Aug. 1973	Sept. 1973 <sup>P</sup>	Oct. 1973 <sup>P</sup>	Sept. 1972	Oct. 1972	Aug. 1973	Sept. 1973 <sup>P</sup>	Oct. 1973 <sup>P</sup>
<i>Durable Goods--Continued</i>											
25	<b>FURNITURE AND FIXTURES</b> .....	502.4	508.6	530.3	527.2	532.0	415.8	422.0	437.7	435.9	438.6
2511	Household furniture.....	362.2	367.7	383.3	380.9	383.4	307.2	312.8	324.8	322.9	324.9
2512	Wood household furniture.....	181.3	183.7	190.0	189.4	--	159.2	161.9	167.1	166.4	--
2512	Upholstered household furniture.....	103.5	104.7	109.1	109.0	--	86.9	87.8	91.1	91.1	--
2515	Mattresses and bedsprings.....	38.5	39.0	41.1	40.2	--	29.6	30.2	31.7	31.1	--
252	Office furniture.....	39.4	39.4	41.7	42.1	--	31.0	31.0	33.2	33.8	--
254	Partitions and fixtures.....	52.8	53.3	56.2	55.6	--	40.6	41.1	43.0	42.4	--
253,9	Other furniture and fixtures.....	48.0	48.2	49.1	48.6	49.8	37.0	37.1	36.7	36.8	36.9
32	<b>STONE, CLAY, AND GLASS PRODUCTS</b> ...	677.3	679.4	711.5	707.1	708.3	542.9	544.9	570.0	566.7	569.3
321	Flat glass.....	25.2	25.6	26.6	27.0	--	18.4	18.7	19.1	19.6	--
322	Glass and glassware, pressed or blown...	137.0	136.8	139.3	140.6	140.7	118.6	118.4	119.8	121.1	121.3
3221	Glass containers.....	77.7	77.1	78.3	78.3	--	68.4	67.7	68.7	68.8	--
3229	Pressed and blown glass, n e c.....	59.3	59.7	61.0	62.3	--	50.2	50.7	51.1	52.3	--
324	Cement, hydraulic.....	33.8	33.6	34.8	34.0	33.9	26.5	26.3	27.5	26.7	26.7
325	Structural clay products.....	59.8	59.9	62.0	61.3	61.4	50.0	49.8	51.7	51.0	51.4
3251	Brick and structural clay tile.....	26.5	26.7	27.4	27.2	--	23.0	23.1	23.8	23.5	--
326	Pottery and related products.....	45.1	45.6	46.6	47.8	--	38.0	38.5	39.4	40.8	--
327	Concrete, gypsum, and plaster products...	207.5	206.6	217.8	212.2	211.8	163.1	162.6	171.6	166.8	167.5
328,9	Other stone and nonmetallic mineral products	135.8	137.7	148.0	146.6	(*)	102.2	104.0	112.6	111.5	(*)
3291	Abrasive products.....	26.6	26.8	30.7	30.6	--	18.6	18.7	22.0	21.9	--
33	<b>PRIMARY METAL INDUSTRIES</b> .....	1,255.4	1,255.0	1,326.1	1,330.7	1,327.8	1,003.4	1,003.9	1,065.3	1,071.1	1,067.4
331	Blast furnace and basic steel products...	583.6	578.4	617.5	616.7	(*)	466.7	461.9	496.8	496.5	(*)
3312	Blast furnaces and steel mills.....	502.5	496.9	531.9	530.6	--	403.3	398.1	429.1	428.4	--
332	Iron and steel foundries.....	222.7	223.2	236.5	238.8	(*)	185.4	186.3	198.4	200.8	(*)
3321	Gray iron foundries.....	140.5	140.5	150.5	152.9	--	118.9	119.1	128.0	130.4	--
3322	Malleable iron foundries.....	25.3	25.3	25.9	26.2	--	21.1	21.3	21.9	22.2	--
3323	Steel foundries.....	56.9	57.4	60.1	59.7	--	45.4	45.9	48.5	48.2	--
333,4	Nonferrous metals.....	84.9	84.9	87.2	86.6	86.7	66.3	66.5	67.5	67.3	67.5
3334	Primary aluminum.....	29.9	30.2	31.6	31.4	--	24.7	25.0	25.8	25.6	--
335	Nonferrous rolling and drawing.....	209.0	210.8	216.0	219.1	220.4	157.9	159.7	163.2	166.6	166.2
3351	Copper rolling and drawing.....	40.0	40.6	40.4	40.6	--	30.6	31.2	31.0	31.3	--
3352	Aluminum rolling and drawing.....	67.7	67.6	70.2	70.6	--	50.6	50.6	52.4	52.7	--
3357	Nonferrous wire drawing and insulating..	80.5	81.5	83.7	85.9	--	61.6	62.7	64.3	66.4	--
336	Nonferrous foundries.....	85.3	86.8	94.7	95.3	95.9	71.4	72.8	79.9	80.2	80.8
3361	Aluminum castings.....	44.1	44.9	49.9	50.5	--	37.5	38.2	42.6	43.0	--
3362,9	Other nonferrous castings.....	41.2	41.9	44.8	44.8	--	33.9	34.6	37.3	37.2	--
339	Miscellaneous primary metal products...	69.9	70.9	74.2	74.2	75.0	55.7	56.7	59.5	59.7	60.1
3391	Iron and steel forgings.....	46.3	47.0	48.2	48.1	--	37.6	38.3	39.1	39.2	--
34	<b>FABRICATED METAL PRODUCTS</b> .....	1,391.5	1,403.0	1,457.2	1,468.8	1,478.0	1,069.2	1,078.2	1,125.3	1,135.5	1,144.1
341	Metal cans.....	69.0	65.3	70.2	68.8	(*)	58.8	55.0	60.7	59.3	(*)
342	Cutlery, hand tools, and hardware.....	155.9	160.1	165.0	165.6	166.8	122.5	126.3	129.6	130.3	131.4
3421,3,5	Cutlery and hand tools, incl. saws.....	64.3	67.7	71.5	71.8	--	50.7	53.9	56.5	56.9	--
3429	Hardware, n e c.....	91.6	92.4	93.5	93.8	--	71.8	72.4	73.1	73.4	--
343	Plumbing and heating, except electric...	81.2	81.4	84.4	82.9	82.7	61.3	61.5	64.6	63.5	63.1
3431,2	Sanitary ware & plumbers' brass goods...	39.1	39.1	40.0	39.0	--	31.3	31.4	32.3	31.5	--
3433	Heating equipment, except electric.....	42.1	42.3	44.4	43.9	--	30.0	30.1	32.3	32.0	--
344	Fabricated structural metal products.....	441.0	442.3	459.3	462.7	(*)	318.6	319.2	331.7	333.5	(*)
3441	Fabricated structural steel.....	102.9	103.2	105.6	104.9	--	74.6	75.0	77.2	76.3	--
3442	Metal doors, sash, and trim.....	79.6	79.5	79.4	78.2	--	59.6	59.3	59.4	58.1	--
3443	Fabricated plate work (boiler shops)....	114.1	114.3	117.5	122.1	--	79.7	79.8	80.5	84.1	--
3444	Sheet metal work.....	86.0	87.0	93.7	94.0	--	63.1	63.6	69.4	69.7	--
3446,9	Architectural and misc. metal work.....	58.4	58.3	63.1	63.5	--	41.6	41.5	45.2	45.3	--
345	Screw machine products, bolts, etc.....	97.7	99.1	103.7	104.8	(*)	76.8	78.2	83.0	83.9	(*)
3451	Screw machine products.....	42.3	43.0	46.5	47.2	--	35.3	36.0	39.1	39.6	--
3452	Bolts, nuts, rivets, and washers.....	55.4	56.1	57.2	57.6	--	41.5	42.2	43.9	44.3	--
346	Metal stampings.....	238.5	242.4	244.0	252.8	253.5	192.8	196.4	198.2	206.9	207.7
347	Metal services, n e c.....	86.9	88.6	95.3	94.8	96.0	71.8	73.2	79.7	79.0	80.2
348	Misc. fabricated wire products.....	67.7	68.5	71.4	71.7	71.5	54.2	54.7	57.6	57.9	58.0
349	Misc. fabricated metal products.....	153.6	155.3	163.9	164.7	163.9	112.4	113.7	120.2	121.2	120.3
3494,8	Valves, pipe, and pipe fittings.....	95.5	97.0	102.9	103.3	--	66.6	68.0	72.3	72.5	--

See footnotes at end of table.

**ESTABLISHMENT DATA  
EMPLOYMENT**

**B-2: Employees on nonagricultural payrolls, by industry--Continued**

(In thousands)

SIC Code	Industry	All employees					Production workers <sup>1</sup>				
		Sept. 1972	Oct. 1972	Aug. 1973	Sept. 1973 P	Oct. 1973 P	Sept. 1972	Oct. 1972	Aug. 1973	Sept. 1973 P	Oct. 1973 P
<i>Durable Goods--Continued</i>											
35	<b>MACHINERY, EXCEPT ELECTRICAL</b> . . . . .	1,879.3	1,899.4	2,048.5	2,070.0	2,081.3	1,250.9	1,269.1	1,378.5	1,400.1	1,410.5
351	Engines and turbines . . . . .	111.5	112.3	116.6	119.8	120.4	73.0	74.1	76.1	79.2	80.0
3511	Steam engines and turbines . . . . .	43.9	44.0	43.4	44.7	-	24.0	24.2	22.6	23.7	-
3519	Internal combustion engines, n e c . . . . .	67.6	68.3	73.2	75.1	-	49.0	49.9	53.5	55.5	-
352	Farm machinery . . . . .	133.7	135.3	147.2	151.2	-	95.4	97.1	106.5	110.5	-
353	Construction and related machinery . . . . .	291.0	293.3	317.1	317.0	314.9	192.6	194.4	212.4	212.6	210.8
3531,2	Construction and mining machinery . . . . .	157.3	159.0	174.3	173.3	-	106.0	107.6	119.6	119.1	-
3533	Oil field machinery . . . . .	46.2	46.7	50.0	49.9	-	32.2	32.5	34.8	34.7	-
3535,6	Conveyors, hoists, cranes, monorails . . . . .	40.1	39.1	42.4	42.7	-	25.0	24.1	26.4	26.9	-
3537	Industrial trucks and tractors . . . . .	32.3	33.3	36.3	36.4	-	21.3	22.1	25.0	25.0	-
354	Metal working machinery . . . . .	290.2	293.5	323.6	330.8	336.3	211.9	214.7	239.5	245.8	249.8
3541	Machine tools, metal cutting types . . . . .	58.8	59.4	67.7	69.5	-	38.0	38.5	44.8	46.6	-
3544	Special dies, tools, jigs, & fixtures . . . . .	111.3	112.2	121.1	125.0	-	89.7	90.5	97.9	101.4	-
3545	Machine tool accessories . . . . .	49.4	50.0	56.2	56.8	-	35.4	35.9	41.1	41.5	-
3542,P	Misc. metal working machinery . . . . .	70.7	71.9	78.6	79.5	-	48.8	49.8	55.7	56.3	-
355	Special industry machinery . . . . .	178.2	180.8	193.9	194.9	195.1	116.7	120.0	129.2	130.3	129.5
3551	Food products machinery . . . . .	38.3	38.6	41.0	41.3	-	24.6	24.8	26.9	27.3	-
3552	Textile machinery . . . . .	34.8	36.7	37.5	37.4	-	25.7	28.4	28.7	28.9	-
3555	Printing trades machinery . . . . .	26.8	26.7	28.7	28.9	-	16.5	16.5	17.9	17.9	-
356	General industrial machinery . . . . .	268.0	269.3	288.5	291.7	293.8	180.8	181.9	196.9	200.4	202.3
3561	Pumps and compressors . . . . .	76.5	76.5	81.0	81.0	-	47.7	47.7	50.8	51.2	-
3562	Ball and roller bearings . . . . .	51.6	52.1	53.9	55.0	-	40.0	40.5	41.8	42.8	-
3564	Blowers and fans . . . . .	33.9	33.6	36.5	37.2	-	21.5	21.1	23.7	24.5	-
3566	Power transmission equipment . . . . .	47.9	48.5	53.7	53.8	-	34.3	34.7	38.9	39.2	-
357	Office and computing machines . . . . .	247.1	249.4	268.7	270.7	273.1	112.0	113.5	122.4	124.1	126.3
3573	Electronic computing equipment . . . . .	173.3	175.5	193.3	194.3	-	61.0	62.4	71.3	72.3	-
358	Service industry machines . . . . .	149.0	151.5	160.9	161.5	160.2	104.2	106.0	114.1	114.6	113.2
3585	Refrigeration machinery . . . . .	100.0	102.9	110.8	111.8	-	70.9	73.1	80.3	80.8	-
359	Misc. machinery, except electrical . . . . .	210.6	214.0	232.0	232.4	233.8	164.3	167.4	181.4	182.6	184.7
36	<b>ELECTRICAL EQUIPMENT AND SUPPLIES</b> . . . . .	1,865.1	1,889.4	2,005.8	2,026.7	2,042.6	1,267.0	1,288.0	1,380.8	1,402.4	1,416.6
361	Electric test & distributing equipment . . . . .	195.7	198.5	218.8	218.8	221.3	134.6	136.6	152.7	153.1	154.6
3611	Electric measuring instruments . . . . .	68.1	70.1	80.9	80.8	-	42.6	43.9	51.8	52.0	-
3612	Transformers . . . . .	53.4	54.0	57.9	58.0	-	39.4	39.9	43.3	43.3	-
3613	Switchgear and switchboard apparatus . . . . .	74.2	74.4	80.0	80.1	-	52.6	52.8	57.6	57.8	-
362	Electrical industrial apparatus . . . . .	213.6	215.9	231.8	233.5	(*)	149.3	151.6	166.8	168.6	(*)
3621	Motors and generators . . . . .	116.4	117.9	123.9	126.0	-	84.3	85.8	92.0	94.0	-
3622	Industrial controls . . . . .	59.5	59.8	65.2	65.1	-	38.1	38.5	43.4	43.5	-
363	Household appliances . . . . .	202.1	203.4	214.1	221.0	220.5	162.0	162.3	168.8	176.1	175.7
3632	Household refrigerators and freezers . . . . .	60.8	60.5	61.9	66.1	-	49.7	49.2	48.3	53.1	-
3633	Household laundry equipment . . . . .	28.8	28.7	31.5	31.4	-	23.2	23.1	25.6	25.5	-
3634	Electric housewares and fans . . . . .	52.3	54.5	54.7	56.7	-	42.1	43.8	43.7	45.6	-
364	Electric lighting and wiring equipment . . . . .	204.6	207.6	220.6	222.1	223.2	158.6	161.2	172.1	173.6	174.7
3641	Electric lamps . . . . .	36.4	36.5	40.4	41.2	-	32.2	32.3	36.0	36.6	-
3642	Lighting fixtures . . . . .	68.3	68.9	71.0	72.1	-	52.6	53.3	55.6	56.5	-
3643,4	Wiring devices . . . . .	99.9	102.2	109.2	108.8	-	73.8	75.6	80.5	80.5	-
365	Radio and TV receiving equipment . . . . .	143.7	147.4	148.7	151.6	153.8	107.2	110.8	112.1	115.2	117.2
366	Communication equipment . . . . .	432.9	434.4	438.3	441.1	443.2	218.8	220.8	226.1	229.4	231.9
3661	Telephone and telegraph apparatus . . . . .	149.4	150.1	152.0	154.3	-	96.2	96.9	99.0	101.8	-
3662	Radio and TV communication equipment . . . . .	283.5	284.3	286.3	286.8	-	122.6	123.9	127.1	127.6	-
367	Electronic components and accessories . . . . .	345.9	353.5	398.1	398.3	402.9	237.2	243.4	275.8	275.6	279.3
3671-3	Electron tubes . . . . .	51.5	52.2	53.4	53.5	-	36.5	37.2	37.2	37.2	-
3674,9	Other electronic components . . . . .	294.4	301.3	344.7	344.8	-	200.7	206.2	238.6	238.4	-
369	Misc. electrical equipment & supplies . . . . .	126.6	128.7	135.4	140.3	141.7	99.3	101.3	106.4	110.8	112.4
3694	Engine electrical equipment . . . . .	67.1	67.8	70.5	73.5	-	54.0	54.7	56.3	59.4	-
37	<b>TRANSPORTATION EQUIPMENT</b> . . . . .	1,785.6	1,801.6	1,803.8	1,883.6	1,880.1	1,285.2	1,293.6	1,279.8	1,355.5	1,353.7
371	Motor vehicles and equipment . . . . .	892.4	904.4	893.6	971.7	(*)	696.8	703.7	681.4	754.7	(*)
3711	Motor vehicles . . . . .	404.0	407.9	377.3	438.6	-	297.6	300.4	265.2	321.2	-
3712	Passenger car bodies . . . . .	47.7	48.2	46.3	50.9	-	39.3	39.7	36.2	41.1	-
3713	Truck and bus bodies . . . . .	40.4	40.2	43.0	43.1	-	32.2	32.1	34.4	34.7	-
3714	Motor vehicle parts and accessories . . . . .	374.6	382.3	398.5	410.0	-	307.7	311.4	322.9	334.4	-
3715	Truck trailers . . . . .	25.7	25.8	28.5	29.1	-	20.0	20.1	22.7	23.3	-
372	Aircraft and parts . . . . .	503.0	505.6	511.6	515.7	520.8	273.0	274.5	277.7	282.0	285.3
3721	Aircraft . . . . .	272.8	274.3	274.3	275.2	-	140.2	141.0	140.3	140.5	-
3722	Aircraft engines and engine parts . . . . .	138.7	139.3	142.8	145.5	-	74.1	74.5	76.5	79.7	-
3723,9	Other aircraft parts and equipment . . . . .	91.5	92.0	94.5	95.0	-	58.7	59.0	60.9	61.8	-
373	Ship and boat building and repairing . . . . .	177.7	178.6	180.0	182.1	185.9	141.6	142.1	145.4	147.1	152.3
3731	Ship building and repairing . . . . .	134.6	134.0	135.5	137.0	-	106.3	105.4	108.9	110.1	-

See footnotes at end of table.

B-2: Employees on nonagricultural payrolls, by industry--Continued

SIC Code	Industry	All employees					Production workers <sup>1</sup>				
		Sept. 1972	Oct. 1972	Aug. 1973	Sept. 1973 <sup>p</sup>	Oct. 1973 <sup>p</sup>	Sept. 1972	Oct. 1972	Aug. 1973	Sept. 1973 <sup>p</sup>	Oct. 1973 <sup>p</sup>
<i>Durable Goods--Continued</i>											
<b>TRANSPORTATION EQUIPMENT--Continued</b>											
3732	Boat building and repairing.....	43.1	44.6	44.5	45.1	-	35.3	36.7	36.5	37.1	-
374	Railroad equipment.....	51.3	51.9	52.1	54.2	-	38.8	39.4	39.7	41.7	-
375,9	Other transportation equipment.....	161.2	161.1	166.5	159.9	-	135.0	133.9	135.6	130.0	-
		463.0	466.4	502.3	502.8	505.5	282.0	284.8	311.6	311.7	313.6
38	<b>INSTRUMENTS AND RELATED PRODUCTS</b>										
381	Engineering & scientific instruments.....	65.1	65.3	69.9	70.6	-	32.6	33.0	36.2	36.7	-
382	Mechanical measuring & control devices.....	104.5	105.0	111.9	112.2	111.8	65.9	66.4	72.4	72.9	72.5
3821	Mechanical measuring devices.....	65.6	65.6	69.1	69.5	-	38.9	39.0	42.3	42.7	-
3822	Automatic temperature controls.....	38.9	39.4	42.8	42.7	-	27.0	27.4	30.1	30.2	-
383,5	Optical and ophthalmic goods.....	56.0	57.1	62.6	62.5	(*)	40.1	40.7	44.6	44.0	(*)
385	Ophthalmic goods.....	39.8	40.6	43.6	43.3	-	30.6	31.1	33.4	32.7	-
384	Medical instruments and supplies.....	91.5	92.1	100.1	100.6	100.4	60.5	60.8	67.4	67.7	67.8
386	Photographic equipment and supplies.....	114.5	114.6	123.7	121.8	122.5	57.1	57.4	62.9	61.5	62.2
387	Watches, clocks, and watchcases.....	31.4	32.3	34.1	35.1	-	25.8	26.5	28.1	28.9	-
39	<b>MISCELLANEOUS MANUFACTURING INDUSTRIES</b>										
391	Jewelry, silverware, and plated ware.....	54.4	55.8	55.4	56.0	57.3	40.6	42.1	40.9	41.3	42.7
394	Toys and sporting goods.....	130.3	132.8	131.6	134.2	-	106.8	109.3	107.3	110.0	-
3941-3	Games, toys, dolls, & play vehicles.....	75.8	77.1	73.2	75.2	-	62.4	63.7	60.0	62.0	-
3949	Sporting and athletic goods, n e c.....	54.5	55.7	58.4	59.0	-	44.4	45.6	47.3	48.0	-
395	Pens, pencils, office, and art supplies.....	34.5	34.4	35.6	36.0	-	24.7	24.6	25.5	25.9	-
396	Costume jewelry and notions.....	55.1	55.6	55.5	55.3	-	45.4	46.0	45.9	45.5	-
393,9	Other manufacturing industries.....	168.0	170.3	169.0	169.7	171.6	130.7	132.6	131.6	132.1	134.4
393	Musical instruments and parts.....	23.7	24.7	24.8	25.3	-	19.4	20.3	20.7	21.2	-
<i>Nondurable Goods</i>											
20	<b>FOOD AND KINDRED PRODUCTS</b>										
201	Meat products.....	348.8	350.9	326.6	328.7	(*)	288.2	290.0	267.4	269.7	(*)
2011	Meat packing plants.....	179.8	180.1	162.9	164.4	-	144.5	144.9	128.4	129.9	-
2013	Sausages and other prepared meats.....	60.7	61.2	58.4	58.0	-	44.1	44.4	42.3	42.0	-
2015	Poultry dressing plants.....	108.3	109.6	105.3	106.3	-	99.6	100.7	96.7	97.8	-
202	Dairy products.....	225.0	221.5	222.4	217.7	214.0	111.5	108.7	112.1	109.0	105.8
2024	Ice cream and frozen desserts.....	23.9	22.9	25.3	23.5	-	13.5	12.6	14.9	13.5	-
2026	Fluid milk.....	155.4	153.8	151.2	148.9	-	62.7	61.8	62.0	61.2	-
203	Canned, cured, and frozen foods.....	384.5	313.7	383.9	387.3	-	330.1	263.9	332.4	337.4	-
2031,6	Canned, cured, and frozen sea foods.....	46.2	46.1	47.0	45.6	-	40.7	40.7	41.2	40.0	-
2032,3	Canned food, except sea foods.....	221.3	154.3	219.1	221.1	-	186.9	124.2	188.1	191.3	-
2037	Frozen fruits and vegetables.....	79.7	76.4	79.6	83.1	-	72.1	68.8	71.7	75.1	-
204	Grain mill products.....	136.3	136.9	139.2	139.0	(*)	97.3	97.5	98.6	98.5	(*)
2041	Flour and other grain mill products.....	27.6	27.7	28.4	28.4	-	20.1	20.0	20.0	20.0	-
2042	Prepared feeds for animals and fowls.....	68.2	68.3	69.5	69.0	-	46.0	46.0	46.6	46.0	-
205	Bakery products.....	276.0	275.1	270.5	269.3	267.9	160.0	158.7	155.2	154.3	152.9
2051	Bread, cake, and related products.....	230.6	229.7	225.8	224.1	-	123.9	122.9	120.6	119.1	-
2052	Cookies and crackers.....	45.4	45.4	44.7	45.2	-	36.0	35.8	34.6	35.2	-
206	Sugar.....	31.9	45.5	31.1	33.6	-	23.4	37.1	23.2	25.2	-
207	Confectionery and related products.....	80.9	82.4	78.3	80.2	83.2	64.7	65.9	62.3	64.1	67.0
2071	Confectionery products.....	63.0	64.4	60.3	62.5	-	51.2	52.4	48.9	50.9	-
208	Beverages.....	235.0	233.2	235.9	233.4	229.7	119.4	118.5	116.6	115.8	113.7
2082	Malt liquors.....	54.8	54.5	54.4	52.9	-	36.4	36.2	36.3	35.1	-
2086	Bottled and canned soft drinks.....	130.3	127.5	135.0	131.6	-	50.7	48.8	51.7	50.2	-
209	Misc. foods and kindred products.....	146.8	149.1	146.3	146.8	-	94.8	97.2	95.4	95.8	-
21	<b>TOBACCO MANUFACTURES</b>										
211	Cigarettes.....	42.4	41.9	46.2	46.2	-	34.2	33.7	37.7	37.9	-
212	Cigars.....	13.6	13.8	13.0	13.1	-	12.2	12.3	11.7	11.7	-
22	<b>TEXTILE MILL PRODUCTS</b>										
221	Weaving mills, cotton.....	200.3	201.4	202.7	202.1	204.1	181.8	182.4	183.9	182.9	184.9
222	Weaving mills, synthetics.....	105.1	105.5	109.0	108.9	109.5	93.7	93.8	97.2	96.8	97.4
223	Weaving and finishing mills, wool.....	27.9	27.7	28.3	28.1	27.7	23.7	23.6	24.0	23.9	23.4
224	Narrow fabric mills.....	29.9	30.1	30.8	30.9	30.8	26.4	26.6	27.5	27.7	27.6
225	Knitting mills.....	268.6	271.8	277.9	277.0	277.1	235.2	238.0	241.8	240.8	241.0
2251	Women's hosiery, except socks.....	55.8	56.9	51.8	51.7	-	49.6	50.6	45.8	45.5	-
2252	Hosiery, n e c.....	35.3	35.8	36.7	36.3	-	31.7	32.2	32.6	32.3	-
2253	Knit outerwear mills.....	78.3	79.5	85.4	86.1	-	67.1	68.0	73.1	73.7	-
2254	Knit underwear mills.....	35.8	35.8	36.2	35.9	-	31.5	31.6	31.9	31.7	-

See footnotes at end of table.

**ESTABLISHMENT DATA  
EMPLOYMENT**

**B-2: Employees on nonagricultural payrolls, by industry--Continued**

(In thousands)

SIC Code	Industry	All employees					Production workers <sup>1</sup>				
		Sept. 1972	Oct. 1972	Aug. 1973	Sept. 1973 <sup>P</sup>	Oct. 1973 <sup>P</sup>	Sept. 1972	Oct. 1972	Aug. 1973	Sept. 1973 <sup>P</sup>	Oct. 1973 <sup>P</sup>
<i>Nondurable Goods--Continued</i>											
<b>TEXTILE MILL PRODUCTS--Continued</b>											
226	Textile finishing, except wool .....	84.0	84.4	86.7	85.7	86.2	71.1	71.5	73.6	72.8	73.0
227	Floor covering mills .....	63.9	64.7	66.9	66.9	-	52.1	52.8	54.1	54.4	-
228	Yarn and thread mills .....	143.2	144.0	152.9	152.2	152.9	131.8	132.5	141.0	140.5	141.2
229	Miscellaneous textile goods .....	73.5	73.6	74.3	73.9	73.9	60.7	60.7	61.7	61.0	61.0
23	<b>APPAREL AND OTHER TEXTILE PRODUCTS...</b>	<b>1,350.8</b>	<b>1,356.8</b>	<b>1,346.4</b>	<b>1,348.5</b>	<b>1,349.6</b>	<b>1,180.0</b>	<b>1,184.8</b>	<b>1,169.2</b>	<b>1,170.1</b>	<b>1,170.3</b>
231	Men's and boys' suits and coats .....	106.2	105.2	107.2	107.0	107.2	93.2	92.2	93.7	93.3	93.3
232	Men's and boys' furnishings .....	385.1	384.8	390.6	387.8	387.1	336.8	336.0	338.3	335.7	335.4
2321	Men's and boys' shirts and nightwear ..	119.5	118.8	118.2	117.3	-	106.2	105.3	104.4	103.5	-
2327	Men's and boys' separate trousers .....	82.8	82.5	84.8	84.4	-	74.0	73.5	75.2	74.9	-
2328	Men's and boys' work clothing .....	86.1	86.7	87.4	86.4	-	74.2	74.8	73.2	72.5	-
233	Women's and misses' outerwear .....	403.3	407.1	400.7	399.8	396.1	357.3	360.6	354.3	353.6	349.0
2331	Women's and misses' blouses and waists ..	43.5	43.3	43.5	43.4	-	39.0	38.8	38.7	38.5	-
2335	Women's and misses' dresses .....	193.9	193.2	188.7	187.9	-	174.4	173.9	169.7	169.1	-
2337	Women's and misses' suits and coats .....	70.5	70.2	68.6	68.6	-	61.7	61.2	59.9	59.9	-
2339	Women's and misses' outerwear, n e c .....	95.4	100.4	99.9	99.9	-	82.2	86.7	86.0	86.1	-
234	Women's and children's undergarments .....	115.7	115.6	110.3	110.8	111.8	100.0	100.0	94.4	94.9	96.3
2341	Women's and children's underwear .....	83.0	83.0	80.3	80.9	-	73.0	73.1	70.0	70.5	-
2342	Corsets and allied garments .....	32.7	32.6	30.0	29.9	-	27.0	26.9	24.4	24.4	-
235	Hats, caps, and millinery .....	16.4	17.0	16.0	16.0	-	14.6	15.0	14.0	14.0	-
236	Children's outerwear .....	75.5	75.2	74.2	73.9	73.5	67.0	66.7	64.9	64.4	63.8
2361	Children's dresses and blouses .....	30.7	31.3	30.5	30.9	-	28.0	28.5	27.4	27.8	-
237,8	Fur goods and miscellaneous apparel .....	73.1	74.0	69.0	70.1	-	62.8	63.5	59.5	60.2	-
239	Misc. fabricated textile products .....	175.5	177.9	178.4	183.1	186.9	148.3	150.8	150.1	154.0	157.5
2391,2	Housefurnishings .....	72.9	74.0	71.7	72.5	-	62.9	63.9	61.5	61.8	-
26	<b>PAPER AND ALLIED PRODUCTS.....</b>	<b>703.5</b>	<b>705.6</b>	<b>727.1</b>	<b>722.4</b>	<b>721.2</b>	<b>543.8</b>	<b>545.9</b>	<b>566.0</b>	<b>561.7</b>	<b>560.4</b>
261,2,6	Paper and pulp mills .....	207.6	207.4	213.5	210.5	207.1	161.2	160.8	166.6	163.9	160.5
263	Paperboard mills .....	71.2	71.1	72.1	71.7	71.3	57.0	57.1	58.2	57.8	57.4
264	Misc. converted paper products .....	199.2	200.1	207.9	208.1	207.4	146.6	147.2	154.7	154.6	154.4
2643	Bags, except textile bags .....	44.9	45.3	46.2	46.7	-	36.6	37.0	38.0	38.2	-
265	Paperboard containers and boxes .....	225.5	227.0	233.6	232.1	(*)	179.0	180.8	186.5	185.4	(*)
2651,2	Folding and setup paperboard boxes .....	62.1	62.6	61.5	61.8	-	51.1	51.7	50.8	51.2	-
2653	Corrugated and solid fiber boxes .....	111.1	111.8	116.3	114.9	-	85.3	86.1	89.4	88.2	-
2654	Sanitary food containers .....	31.3	31.5	33.5	33.0	-	25.5	25.8	27.8	27.3	-
27	<b>PRINTING AND PUBLISHING.....</b>	<b>1,080.8</b>	<b>1,088.4</b>	<b>1,097.8</b>	<b>1,096.6</b>	<b>1,102.6</b>	<b>657.2</b>	<b>661.2</b>	<b>659.1</b>	<b>661.5</b>	<b>667.5</b>
271	Newspapers .....	377.0	380.2	383.9	381.6	383.1	180.7	182.1	180.2	180.1	179.4
272	Periodicals .....	67.8	68.8	68.8	68.3	-	20.3	20.6	19.7	20.0	-
273	Books .....	98.0	98.3	100.6	99.1	-	54.6	54.2	54.0	53.1	-
275	Commercial printing .....	344.5	346.8	344.7	347.4	350.8	262.6	265.2	263.1	265.7	270.6
2751	Commercial printing, ex. lithographic .....	203.4	204.4	201.3	204.0	-	157.5	158.6	156.5	159.1	-
2752	Commercial printing, lithographic .....	130.7	131.8	133.1	133.2	-	97.4	98.7	99.0	99.1	-
278	Blankbooks and bookbinding .....	56.6	56.1	57.1	56.6	(*)	47.4	46.9	47.9	47.2	(*)
274,6,7,9	Other publishing & printing ind. ....	136.9	138.2	142.7	143.6	144.3	91.6	92.2	94.2	95.4	96.2
28	<b>CHEMICALS AND ALLIED PRODUCTS...</b>	<b>1,007.8</b>	<b>1,007.8</b>	<b>1,040.6</b>	<b>1,037.3</b>	<b>1,035.4</b>	<b>584.5</b>	<b>585.0</b>	<b>607.0</b>	<b>605.3</b>	<b>604.2</b>
281	Industrial chemicals .....	302.8	303.5	310.8	309.4	(*)	163.1	163.8	168.6	168.0	(*)
2812	Alkalies and chlorine .....	21.2	21.1	20.7	20.7	-	14.4	14.3	14.3	14.3	-
2818	Industrial organic chemicals, n e c .....	123.4	123.6	128.0	127.6	-	53.7	53.9	56.2	56.3	-
2819	Industrial inorganic chemicals, n e c .....	96.4	97.0	98.6	98.6	-	54.7	55.0	56.3	56.8	-
282	Plastics materials and synthetics .....	219.1	219.4	231.3	230.6	231.8	149.1	148.9	158.4	157.7	159.3
2821	Plastics materials and resins .....	90.1	90.2	94.9	93.9	-	56.1	56.0	59.5	58.7	-
2823,4	Synthetic fibers .....	116.3	116.5	124.3	124.7	-	84.2	84.2	90.7	90.9	-
283	Drugs .....	146.0	145.7	151.9	150.6	150.7	71.9	72.0	76.2	75.6	75.5
2834	Pharmaceutical preparations .....	117.2	116.9	122.1	120.9	-	56.4	56.5	59.5	59.0	-
284	Soap, cleaners, and toilet goods .....	127.3	126.1	129.4	131.1	131.0	73.7	72.9	74.4	75.6	74.9
2841	Soap and other detergents .....	39.8	40.0	39.8	40.1	-	26.4	26.4	26.5	26.8	-
2844	Toilet preparations .....	55.0	53.3	55.5	57.0	-	30.7	29.7	30.6	31.4	-
285	Paints and allied products .....	69.8	69.4	71.8	70.3	69.5	39.0	38.8	40.9	39.3	38.7
287	Agricultural chemicals .....	50.1	51.0	53.3	54.2	(*)	30.1	30.8	31.0	32.4	(*)
2871,2	Fertilizers, complete & mixing only .....	34.3	35.0	36.0	36.9	-	23.0	23.5	22.8	24.0	-
286,9	Other chemical products .....	92.7	92.7	92.1	91.1	91.0	57.6	57.8	57.5	56.7	56.7
2892	Explosives .....	24.0	24.4	23.4	22.8	-	16.3	16.6	15.5	15.0	-
29	<b>PETROLEUM AND COAL PRODUCTS .....</b>	<b>190.5</b>	<b>189.7</b>	<b>193.3</b>	<b>192.0</b>	<b>191.9</b>	<b>119.2</b>	<b>119.0</b>	<b>123.6</b>	<b>122.7</b>	<b>121.8</b>
291	Petroleum refining .....	150.4	149.6	151.0	150.5	150.7	89.9	89.7	92.0	91.8	91.4
295,9	Other petroleum and coal products .....	40.1	40.1	42.3	41.5	41.2	29.3	29.3	31.6	30.9	30.4

See footnotes at end of table.

## B-2: Employees on nonagricultural payrolls, by industry--Continued

(In thousands)

SIC Code	Industry	All employees					Production workers <sup>1</sup>				
		Sept. 1972	Oct. 1972	Aug. 1973	Sept. 1973 <sup>p</sup>	Oct. 1973 <sup>p</sup>	Sept. 1972	Oct. 1972	Aug. 1973	Sept. 1973 <sup>p</sup>	Oct. 1973 <sup>p</sup>
	<i>Nondurable Goods--Continued</i>										
30	<b>RUBBER AND PLASTICS PRODUCTS, N.E.C.</b>	639.4	647.4	691.6	689.0	685.0	500.2	508.2	547.2	544.0	540.6
301	Tires and inner tubes.....	129.9	130.5	138.7	137.0	(*)	92.0	92.9	100.8	99.1	(*)
302,3,6	Other rubber products.....	180.1	182.3	192.8	189.1	187.5	142.6	145.0	154.2	150.3	148.5
302	Rubber footwear.....	25.5	26.3	27.4	27.2	-	21.9	22.7	23.5	23.3	-
307	Miscellaneous plastics products.....	329.4	334.6	360.1	362.9	364.3	265.6	270.3	292.2	294.6	296.6
31	<b>LEATHER AND LEATHER PRODUCTS...</b>	304.9	302.8	302.3	294.5	293.2	262.0	259.7	259.7	252.8	251.1
311	Leather tanning and finishing.....	24.9	24.7	22.8	22.2	22.0	21.6	21.3	19.5	19.0	18.8
314	Footwear, except rubber.....	200.9	198.1	199.8	193.3	193.7	174.9	172.1	174.1	168.4	168.2
312,3,5-7,9	Other leather products.....	79.1	80.0	79.7	79.0	77.5	65.5	66.3	66.1	65.4	64.1
316	Luggage.....	17.1	17.4	17.5	17.6	-	13.3	13.4	13.7	13.7	-
317	Handbags and personal leather goods.....	35.6	36.2	36.1	35.7	-	30.3	30.9	30.6	30.3	-
-	<b>TRANSPORTATION AND PUBLIC UTILITIES.....</b>	4,548	4,549	4,659	4,674	4,675	3,928	3,930	4,009	4,020	4,020
40	<b>RAILROAD TRANSPORTATION.....</b>	578.4	571.6	582.3	578.8	-	-	-	-	-	-
4011	Class I railroads <sup>2</sup> .....	522.6	516.3	524.3	521.2	-	-	-	-	-	-
	<b>LOCAL AND INTERURBAN PASSENGER TRANSIT.....</b>	269.0	273.5	237.0	272.2	-	-	-	-	-	-
411	Local and suburban transportation.....	69.4	68.8	66.1	68.2	-	64.5	64.2	61.9	64.0	-
412	Taxicabs.....	94.8	89.2	85.3	86.3	-	-	-	-	-	-
413	Intercity highway transportation.....	41.9	40.9	41.1	41.1	-	38.1	37.0	36.5	36.6	-
42	<b>TRUCKING AND WAREHOUSING.....</b>	1,124.9	1,135.7	1,184.9	1,188.7	-	1,016.5	1,026.3	1,071.9	1,073.6	-
421,3	Trucking and trucking terminals.....	1,041.2	1,046.5	1,099.6	1,102.4	-	944.7	948.8	997.8	999.1	-
422	Public warehousing.....	83.7	89.2	85.3	86.3	-	71.8	77.5	74.1	74.5	-
45	<b>TRANSPORTATION BY AIR.....</b>	345.3	354.3	370.8	371.7	-	-	-	-	-	-
451,2	Air transportation.....	312.0	320.9	337.3	338.1	-	-	-	-	-	-
46	<b>PIPE LINE TRANSPORTATION.....</b>	18.0	17.9	19.1	18.3	-	14.0	13.8	15.0	14.0	-
44,47	<b>OTHER TRANSPORTATION AND SERVICES</b>	330.3	321.6	322.3	321.8	-	-	-	-	-	-
44	WATER TRANSPORTATION.....	223.5	215.0	212.5	212.1	-	-	-	-	-	-
47	TRANSPORTATION SERVICES.....	106.8	106.6	109.8	109.7	-	-	-	-	-	-
48	<b>COMMUNICATION.....</b>	1,154.9	1,151.0	1,185.0	1,178.2	-	895.2	891.0	912.0	905.1	-
481	Telephone communication.....	969.5	964.7	993.8	987.3	-	758.7	754.6	772.0	765.9	-
482	Telegraph communication <sup>3</sup> .....	25.1	25.2	(*)	(*)	-	17.1	17.2	(*)	(*)	-
483	Radio and television broadcasting.....	134.0	134.4	136.8	136.5	-	108.1	107.8	110.6	110.0	-
49	<b>ELECTRIC, GAS, AND SANITARY SERVICES</b>	726.7	723.1	757.2	744.7	-	621.0	616.9	642.1	629.2	-
491	Electric companies and systems.....	310.9	310.1	322.7	317.8	-	265.5	264.8	272.0	267.0	-
492	Gas companies and systems.....	164.2	162.7	171.1	166.9	-	138.8	137.1	144.0	139.7	-
493	Combination companies and systems.....	193.2	192.2	201.6	199.7	-	165.6	164.1	172.2	170.0	-
494-7	Water, steam, & sanitary systems.....	58.4	58.1	61.8	60.3	-	51.1	50.9	53.9	52.5	-
-	<b>WHOLESALE AND RETAIL TRADE.....</b>	15,774	15,887	16,279	16,373	16,518	13,999	14,112	14,427	14,509	14,660
50	<b>WHOLESALE TRADE.....</b>	3,962	3,982	4,136	4,142	4,176	3,318	3,338	3,461	3,462	3,498
501	Motor vehicles & automotive equipment.....	353.3	355.1	377.3	375.8	-	286.7	287.9	305.1	303.4	-
502	Drugs, chemicals, and allied products.....	227.0	288.5	232.8	234.1	-	184.1	185.9	187.5	189.1	-
503	Dry goods and apparel.....	159.1	160.0	162.4	161.5	-	124.8	125.7	126.1	124.9	-
504	Groceries and related products.....	582.0	587.1	607.9	611.6	-	509.5	515.1	534.0	587.2	-
506	Electrical goods.....	326.6	325.7	335.6	332.9	-	279.1	279.4	287.1	284.5	-
507	Hardware, plumbing & heating equipment.....	179.5	180.4	189.0	186.0	-	152.7	153.3	160.4	157.9	-
508	Machinery, equipment, and supplies.....	753.1	754.5	791.9	794.6	-	633.1	634.1	663.7	664.6	-
509	Miscellaneous wholesalers.....	1,273.6	1,280.1	1,333.7	1,333.1	-	1,057.9	1,063.9	1,109.3	1,107.0	-
52-59	<b>RETAIL TRADE.....</b>	11,812	11,905	12,143	12,231	12,342	10,681	10,774	10,966	11,047	11,162
53	<b>RETAIL GENERAL MERCHANDISE.....</b>	2,375.3	2,451.7	2,454.1	2,509.9	-	2,174.5	2,249.5	2,247.0	2,304.4	-
531	Department stores.....	1,558.8	1,613.2	1,601.9	1,640.4	-	1,431.5	1,485.6	1,465.1	1,505.7	-
532	Mail order houses.....	122.2	130.0	124.5	129.0	-	114.0	122.9	117.0	121.4	-
533	Variety stores.....	323.1	332.1	329.5	336.8	-	298.1	306.7	310.1	317.4	-
54	<b>FOOD STORES.....</b>	1,832.6	1,842.7	1,850.6	1,876.0	-	1,700.3	1,709.6	1,717.7	1,740.1	-
541-3	Grocery, meat, and vegetable stores.....	1,658.1	1,666.2	1,680.5	1,702.0	-	1,537.9	1,546.3	1,559.0	1,577.5	-

See footnotes at end of table.



**ESTABLISHMENT DATA  
EMPLOYMENT**

58

**B-2: Employees on nonagricultural payrolls, by industry--Continued**

SIC Code	Industry	(In thousands)					Production workers <sup>1</sup>				
		All employees									
		Sept. 1972	Oct. 1972	Aug. 1973	Sept. 1973 <sup>P</sup>	Oct. 1973 <sup>P</sup>	Sept. 1972	Oct. 1972	Aug. 1973	Sept. 1973 <sup>P</sup>	Oct. 1973 <sup>P</sup>
-	<b>WHOLESALE AND RETAIL TRADE (Continued)</b>										
56	APPAREL AND ACCESSORY STORES....	738.0	753.9	725.6	740.6	-	655.6	670.8	640.0	650.5	-
561	Men's & boys' clothing & furnishings.....	126.4	129.1	125.6	125.9	-	111.7	114.4	110.2	110.4	-
562	Women's ready-to-wear stores.....	283.3	290.1	279.4	287.7	-	254.2	260.2	248.5	255.4	-
565	Family clothing stores.....	101.4	104.2	98.3	98.7	-	93.9	96.9	91.1	90.3	-
566	Shoe stores.....	153.5	154.0	152.3	153.6	-	130.6	131.1	128.6	130.0	-
57	<b>FURNITURE AND HOME FURNISHINGS STORES</b>	472.8	479.9	487.7	487.6	-	410.1	417.2	420.7	420.6	-
571	Furniture and home furnishings.....	297.4	301.8	306.0	305.9	-	257.5	261.8	264.5	264.7	-
58	<b>EATING AND DRINKING PLACES.</b>	2,771.2	2,733.3	2,924.5	2,925.6	-	2,598.0	2,567.2	2,736.7	2,738.2	-
52,55,59	<b>OTHER RETAIL TRADE</b> .....	3,622.2	3,643.3	3,700.1	3,691.4	-	3,142.6	3,159.7	3,204.0	3,192.9	-
52	Building materials and farm equipment...	598.1	598.9	618.5	608.9	-	515.7	515.5	535.3	525.3	-
55	Automotive dealers & service stations...	1,711.5	1,713.3	1,731.0	1,727.8	-	-	-	-	-	-
551,2	Motor vehicle dealers.....	799.5	802.1	825.1	822.5	-	671.2	673.9	693.6	691.0	-
553,9	Other automotive & accessory dealers...	266.9	268.2	291.8	290.9	-	227.3	228.1	248.1	246.9	-
554	Gasoline service stations.....	645.1	643.0	614.1	614.4	-	-	-	-	-	-
59	Miscellaneous retail stores.....	1,312.6	1,331.1	1,350.6	1,354.7	-	-	-	-	-	-
591	Drug stores and proprietary stores.....	468.2	471.6	472.1	476.0	-	421.7	424.8	425.2	428.0	-
594	Book and stationery stores.....	66.4	67.2	65.7	68.5	-	57.2	58.2	56.3	59.2	-
596	Farm and garden supply stores.....	112.9	116.9	120.6	120.8	-	-	-	-	-	-
598	Fuel and ice dealers.....	99.2	102.3	98.8	99.4	-	84.7	87.6	84.0	84.7	-
-	<b>FINANCE, INSURANCE, AND REAL ESTATE<sup>4</sup></b> .....	3,957	3,957	4,121	4,081	4,074	3,093	3,091	3,207	3,165	3,154
60	Banking.....	1,113.4	1,115.7	1,185.3	1,175.0	-	901.5	903.1	955.9	944.4	-
61	Credit agencies other than banks.....	398.7	399.9	432.6	430.7	-	310.1	310.8	336.9	334.0	-
612	Savings and loan associations.....	131.9	133.7	149.6	149.0	-	107.1	108.4	121.4	120.5	-
614	Personal credit institutions.....	194.2	193.5	208.5	207.6	-	-	-	-	-	-
62	Security, commodity brokers & services.....	196.8	195.6	181.5	179.5	-	165.9	164.5	150.2	148.8	-
63	Insurance carriers.....	1,107.0	1,108.1	1,147.6	1,140.2	-	760.0	760.8	785.7	777.1	-
631	Life insurance.....	566.5	567.3	577.5	575.4	-	329.2	329.8	334.4	332.1	-
632	Accident and health insurance.....	99.5	99.9	105.4	103.9	-	84.2	84.6	88.2	86.9	-
633	Fire, marine, and casualty insurance.....	385.2	385.3	405.1	403.1	-	299.5	299.3	312.7	309.6	-
64	Insurance agents, brokers, and service.....	291.3	291.1	304.7	305.9	-	-	-	-	-	-
65	Real estate.....	757.6	753.9	772.6	754.4	-	-	-	-	-	-
655	Subdividers and developers.....	132.1	128.6	136.6	131.6	-	-	-	-	-	-
656	Operative builders.....	60.6	60.5	57.8	55.5	-	-	-	-	-	-
66,67	Other finance, insurance, & real estate.....	92.5	92.4	96.2	95.2	-	-	-	-	-	-
-	<b>SERVICES</b> .....	12,391	12,463	13,009	12,983	13,066	11,209	11,278	11,778	11,754	11,818
70	Hotels and other lodging places.....	887.5	833.0	1,015.7	923.7	-	-	-	-	-	-
701	Hotels, tourist courts, and motels.....	741.7	702.3	804.8	765.5	-	687.7	650.9	748.1	709.1	-
72	Personal services.....	907.9	914.5	889.6	892.4	-	-	-	-	-	-
721	Laundries and dry cleaning plants.....	432.2	430.3	419.3	416.2	-	391.9	390.6	380.1	377.2	-
722	Photographic studios.....	41.7	45.9	39.6	41.6	-	37.1	41.5	35.0	37.0	-
73	Miscellaneous business services.....	1,697.7	1,719.5	1,796.1	1,810.0	-	-	-	-	-	-
731	Advertising.....	115.3	116.0	117.5	117.2	-	-	-	-	-	-
732	Credit reporting and collection.....	81.3	81.6	84.4	84.6	-	-	-	-	-	-
734	Services to buildings.....	327.5	330.8	346.8	354.1	-	-	-	-	-	-
76	Miscellaneous repair services.....	190.5	191.5	199.8	200.9	-	-	-	-	-	-
78	Motion pictures.....	199.0	189.0	201.4	200.8	-	-	-	-	-	-
781	Motion picture filming & distributing.....	51.0	51.9	51.2	52.1	-	35.1	36.1	36.9	39.1	-
782,3	Motion picture theaters and services.....	148.0	137.1	150.2	148.7	-	-	-	-	-	-
80	Medical and other health services.....	3,474.4	3,495.1	3,722.3	3,729.2	-	-	-	-	-	-
806	Hospitals.....	2,021.4	2,031.5	2,110.5	2,112.2	-	1,845.3	1,852.9	1,936.2	1,935.6	-
81	Legal services.....	265.8	265.9	292.2	285.9	-	-	-	-	-	-
82	Educational services.....	1,129.5	1,228.8	1,019.3	1,165.0	-	-	-	-	-	-
821	Elementary and secondary schools.....	382.1	407.4	335.1	384.9	-	-	-	-	-	-
822	Colleges and universities.....	611.8	679.4	540.9	628.4	-	-	-	-	-	-
89	Miscellaneous services.....	708.6	711.6	776.6	772.3	-	-	-	-	-	-
891	Engineering & architectural services.....	322.9	324.0	363.0	359.2	-	-	-	-	-	-
892	Nonprofit research agencies.....	111.2	111.7	119.2	117.4	-	-	-	-	-	-

See footnotes at end of table.

## B-2: Employees on nonagricultural payrolls, by industry--Continued

(In thousands)

SIC Code.	Industry	All employees					Production workers <sup>1</sup>				
		Sept. 1972	Oct. 1972	Aug. 1973	Sept. 1973 <sup>p</sup>	Oct. 1973 <sup>p</sup>	Sept. 1972	Oct. 1972	Aug. 1973	Sept. 1973 <sup>p</sup>	Oct. 1973 <sup>p</sup>
-	GOVERNMENT .....	13,153	13,512	12,971	13,434	13,805	-	-	-	-	-
91	FEDERAL GOVERNMENT <sup>5,6</sup> .....	2,627	2,627	2,617	2,604	2,595	-	-	-	-	-
	Executive <sup>6</sup> .....	2,585.6	2,586.4	2,573.6	-	-	-	-	-	-	-
	Department of Defense <sup>6</sup> .....	973.9	976.8	936.4	-	-	-	-	-	-	-
	Postal Service <sup>6</sup> .....	667.3	663.7	676.1	-	-	-	-	-	-	-
	Other agencies <sup>6</sup> .....	944.4	945.9	961.1	-	-	-	-	-	-	-
	Legislative <sup>6</sup> .....	32.9	32.7	34.6	-	-	-	-	-	-	-
	Judicial .....	8.3	8.3	8.6	-	-	-	-	-	-	-
92,93	STATE AND LOCAL GOVERNMENT ...	10,526	10,885	10,354	10,830	11,210	-	-	-	-	-
92	State government .....	2,791.4	2,914.5	2,778.8	2,914.1	-	-	-	-	-	-
	State education .....	1,104.8	1,266.4	1,023.1	1,183.1	-	-	-	-	-	-
	Other State government .....	1,686.6	1,648.1	1,755.7	1,731.0	-	-	-	-	-	-
93	Local government .....	7,734.4	7,970.0	7,575.0	7,915.5	-	-	-	-	-	-
	Local education .....	4,319.6	4,599.8	3,840.5	4,411.5	-	-	-	-	-	-
	Other local government .....	3,414.8	3,370.2	3,734.5	3,504.0	-	-	-	-	-	-

<sup>1</sup> Data relate to production workers in mining and manufacturing: To construction workers in contract construction; and to nonsupervisory workers in wholesale and retail trade; finance, insurance, and real estate; transportation and public utilities; and services.

<sup>2</sup> Beginning January 1965, data relate to railroads with operating revenues of \$5,000,000 or more.

<sup>3</sup> Data for nonsupervisory workers exclude messengers.

<sup>4</sup> Data for nonoffice salesmen excluded from nonsupervisory count for all series in this division.

<sup>5</sup> Prepared by the U.S. Civil Service Commission. Data relate to civilian employment only and exclude Central Intelligence and National Security Agencies.

<sup>6</sup> Revised data for July 1973 are: Federal Government--2,616; Executive--2,573.1; Defense--937.6; Postal Services--672.9; Other agencies--962.6; and Legislative 34.6.

<sup>\*</sup> Not available.

<sup>p</sup> preliminary.

**ESTABLISHMENT DATA  
WOMEN EMPLOYEES**

**B-3: Women employees on nonagricultural payrolls, by industry**

SIC Code	Industry	July 1972		April 1973		July 1973	
		Number (in thousands)	Percent of total employment	Number (in thousands)	Percent of total employment	Number (in thousands)	Percent of total employment
-	<b>TOTAL</b> .....	26,481	37	28,519	38	27,908	37
-	<b>PRIVATE SECTOR</b> .....	21,282	36	22,358	37	22,496	36
-	<b>MINING</b> .....	37	6	37	6	38	6
10	METAL MINING .....	2.9	3	2.9	3	3.2	3
11,12	COAL MINING .....	2.2	1	2.4	2	2.7	2
13	OIL AND GAS EXTRACTION .....	26.7	10	26.5	10	27.0	10
131,2	Crude petroleum and natural gas fields .....	18.4	13	17.9	13	18.2	13
138	Oil and gas field services .....	8.3	7	8.6	7	8.8	7
14	<b>NONMETALLIC MINERALS, EXCEPT FUELS</b> .....	5.4	5	5.3	5	5.5	5
142	Crushed and broken stone .....	1.9	5	1.8	5	1.9	5
144	Sand and gravel .....	1.7	4	1.7	4	1.8	4
-	<b>CONTRACT CONSTRUCTION</b> .....	191	5	196	6	205	5
15	GENERAL BUILDING CONTRACTORS .....	55.6	5	58.2	6	59.9	5
16	HEAVY CONSTRUCTION CONTRACTORS .....	33.0	4	32.8	5	35.9	4
161	Highway and street construction .....	12.0	3	11.4	4	12.7	3
162	Heavy construction, n e c .....	21.0	5	21.4	5	23.2	5
17	SPECIAL TRADE CONTRACTORS .....	102.3	6	105.4	6	108.7	6
171	Plumbing, heating, air conditioning .....	32.8	7	33.9	8	35.2	8
172	Painting, paper hanging, decorating .....	8.2	6	8.2	7	8.3	6
173	Electrical work .....	16.5	5	16.9	5	17.9	5
174	Masonry, stonework, and plastering .....	8.3	4	8.7	4	8.8	4
176	Roofing and sheet metal work .....	7.0	6	7.4	6	7.5	6
-	<b>MANUFACTURING</b> .....	5,222	28	5,614	29	5,602	28
19,24,25,32-39	<b>DURABLE GOODS</b> .....	2,183	20	2,443	21	2,479	21
20-23,26-31	<b>NONDURABLE GOODS</b> .....	3,039	38	3,171	39	3,123	38
	<i>Durable Goods</i>						
19	<b>ORDNANCE AND ACCESSORIES</b> .....	43.4	23	46.4	24	45.1	23
192	Ammunition, except for small arms .....	31.3	24	33.8	25	33.3	25
1925	Complete guided missiles .....	15.7	17	17.5	19	17.9	19
1929	Ammunition, exc. for small arms, n e c .....	15.6	39	16.3	39	15.4	38
24	<b>LUMBER AND WOOD PRODUCTS</b> .....	65.7	10	71.8	12	74.1	12
241	Logging camps, & logging contractors .....	2.8	4	2.6	4	2.9	4
242	Sawmills and planing mills .....	12.6	6	13.2	6	13.8	6
2421	Sawmills and planing mills, general .....	9.1	5	9.6	5	10.1	5
243	Millwork plywood & related products .....	23.9	11	26.5	13	28.0	13
2431	Millwork .....	12.7	14	14.2	16	14.8	16
2432	Veneer and plywood .....	8.3	10	9.3	11	10.0	12
244	Wooden containers .....	5.8	20	5.5	20	5.5	20
2441,2	Wooden boxes, shooks, and crates .....	4.8	20	4.5	21	4.5	20
249	Miscellaneous wood products .....	20.6	22	24.0	24	23.9	24
25	<b>FURNITURE AND FIXTURES</b> .....	121.8	25	139.3	27	136.7	27
251	Household furniture .....	96.0	28	111.8	30	109.1	29
2511	Wood household furniture .....	44.1	25	51.2	28	50.7	28
2512	Upholstered household furniture .....	30.9	31	35.3	33	34.9	33
2515	Mattresses and bedsprings .....	10.7	28	11.4	29	11.3	29
252	Office furniture .....	6.6	17	7.0	18	7.1	18
254	Partitions and fixtures .....	6.3	12	7.1	13	7.3	13
253,9	Other furniture and fixtures .....	12.9	27	13.4	29	13.2	28
32	<b>STONE, CLAY, AND GLASS PRODUCTS</b> .....	109.0	16	115.4	17	117.7	17
321	Flat glass .....	1.7	7	1.9	7	2.0	8
322	Glass and glassware, pressed or blown .....	45.2	33	46.6	34	47.5	34
3221	Glass containers .....	28.6	36	28.0	36	29.3	36
3229	Pressed and blown glass n e c .....	16.6	29	18.6	30	18.2	30
324	Cement, hydraulic .....	1.2	4	1.2	4	1.2	4
325	Structural clay products .....	7.0	12	6.9	12	7.0	11
3251	Brick and structural clay tile .....	1.2	4	1.2	5	1.2	4
326	Pottery and related products .....	14.0	32	15.6	33	15.4	34
327	Concrete, gypsum, and plaster products .....	11.6	6	11.2	6	11.8	5
328,9	Other stone and nonmetallic mineral products .....	19.9	15	22.3	16	22.6	15
3291	Abrasives products .....	5.3	20	5.9	20	6.1	20

**ESTABLISHMENT DATA**  
**WOMEN EMPLOYEES**
**B-3: Women employees on nonagricultural payrolls, by industry--Continued**

SIC Code	Industry	July 1972		April 1973		July 1973	
		Number (in thousands)	Percent of total employment	Number (in thousands)	Percent of total employment	Number (in thousands)	Percent of total employment
	<i>Durable Goods--Continued</i>						
33	<b>PRIMARY METAL INDUSTRIES</b> . . . . .	85.9	7	96.8	7	97.8	7
331	Blast furnace and basic steel products . . . . .	25.8	4	26.9	5	27.9	5
3312	Blast furnaces and steel mills . . . . .	19.2	4	19.8	4	20.7	4
332	Iron and steel foundries . . . . .	9.8	5	11.6	5	11.7	5
3321	Gray iron foundries . . . . .	5.3	4	5.9	4	6.2	4
3322	Malleable iron foundries . . . . .	1.0	4	1.0	4	1.0	4
3323	Steel foundries . . . . .	3.5	6	4.7	8	4.5	7
333,4	Nonferrous metals . . . . .	3.5	4	3.5	4	3.6	4
3334	Primary aluminum . . . . .	.8	3	.8	3	.9	3
335	Nonferrous rolling and drawing . . . . .	31.0	15	35.8	17	35.4	16
3351	Copper rolling and drawing . . . . .	2.8	7	3.1	8	3.1	8
3352	Aluminum rolling and drawing . . . . .	6.8	10	7.4	11	7.4	11
3357	Nonferrous wire drawing and insulating . . . . .	18.5	24	22.1	26	21.6	26
336	Nonferrous foundries . . . . .	11.1	14	13.6	15	13.6	15
3361	Aluminum castings . . . . .	4.7	11	5.8	12	5.9	12
3362,9	Other nonferrous castings . . . . .	6.4	17	7.8	18	7.7	18
339	Miscellaneous primary metal products . . . . .	4.7	7	5.4	7	5.6	8
3391	Iron and steel forgings . . . . .	2.4	5	2.5	5	2.6	5
34	<b>FABRICATED METAL PRODUCTS</b> . . . . .	246.8	18	271.3	19	270.1	19
341	Metal cans . . . . .	12.0	17	11.2	16	12.0	17
342	Cutlery, hand tools, and hardware . . . . .	48.2	32	53.7	33	52.4	32
3421,3,5	Cutlery and hand tools, incl. saws . . . . .	17.4	27	19.4	28	19.0	27
3429	Hardware, n e c . . . . .	30.8	36	34.3	36	33.4	36
343	Plumbing and heating, except electric . . . . .	13.1	17	14.5	17	14.4	18
3431,2	Sanitary ware & plumbers' brass goods . . . . .	6.8	18	7.8	19	7.2	19
3433	Heating equipment, except electric . . . . .	6.3	15	6.7	16	7.2	16
344	Fabricated structural metal products . . . . .	49.3	11	51.8	12	52.7	12
3441	Fabricated structural steel . . . . .	5.4	5	5.5	5	5.7	5
3442	Metal doors, sash, and trim . . . . .	19.3	25	19.4	25	19.8	25
3443	Fabricated plate work (boiler shops) . . . . .	8.1	7	9.1	8	9.3	8
3444	Sheet metal work . . . . .	11.1	13	12.0	14	12.2	13
3446,9	Architectural and misc. metal work . . . . .	5.4	9	5.8	10	5.7	9
345	Screw machine products, bolts, etc. . . . .	19.3	20	21.6	21	22.0	21
3451	Screw machine products . . . . .	9.5	23	11.1	24	11.2	24
3452	Bolts, nuts, rivets, and washers . . . . .	9.8	18	10.5	19	10.8	19
346	Metal stampings . . . . .	45.4	21	52.2	21	50.8	21
347	Metal services, n e c . . . . .	16.4	19	18.8	20	18.5	20
348	Misc. fabricated wire products . . . . .	16.4	25	18.3	26	18.0	26
349	Misc. fabricated metal products . . . . .	26.7	17	29.2	18	29.3	18
3494,8	Valves, pipe, and pipe fittings . . . . .	16.3	17	18.2	18	18.1	18
35	<b>MACHINERY, EXCEPT ELECTRICAL</b> . . . . .	274.4	15	307.8	15	315.4	15
351	Engines and turbines . . . . .	15.4	14	17.4	15	17.4	15
3511	Steam engines and turbines . . . . .	5.1	12	5.3	12	5.2	12
3519	Internal combustion engines, n e c . . . . .	10.3	16	12.1	17	12.2	17
352	Farm machinery . . . . .	12.8	10	15.1	10	15.7	11
353	Construction and related machinery . . . . .	26.0	9	28.3	9	29.1	9
3531,2	Construction and mining machinery . . . . .	12.1	8	13.4	8	13.8	8
3533	Oil field machinery . . . . .	4.3	9	4.8	10	5.0	10
3535,6	Conveyors, hoists, cranes, monorails . . . . .	4.3	11	4.5	11	4.6	11
3537	Industrial trucks and tractors . . . . .	2.5	8	2.8	8	2.9	8
354	Metal working machinery . . . . .	34.2	12	39.6	12	41.6	13
3541	Machine tools, metal cutting types . . . . .	5.7	10	6.4	10	6.8	10
3544	Special dies, tools, jigs & fixtures . . . . .	8.4	8	9.7	8	10.4	9
3545	Machine tool accessories . . . . .	9.2	19	10.5	19	10.6	19
3542,8	Misc. metal working machinery . . . . .	10.9	16	13.0	17	13.8	18
355	Special industry machinery . . . . .	21.9	12	23.5	12	23.6	12
3551	Food products machinery . . . . .	4.5	12	4.5	11	4.5	11
3552	Textile machinery . . . . .	5.4	15	5.9	16	5.7	15
3555	Printing trades machinery . . . . .	3.2	13	3.4	12	3.5	12
356	General industrial machinery . . . . .	42.0	16	46.6	16	47.2	17
3561	Pumps and compressors . . . . .	10.2	13	10.8	14	11.3	14
3562	Ball and roller bearings . . . . .	11.2	22	12.6	23	12.2	23
3564	Blowers and fans . . . . .	6.1	19	6.7	19	6.8	19
3566	Power transmission equipment . . . . .	6.4	14	7.2	14	7.6	14
357	Office and computing machines . . . . .	66.0	27	73.7	28	76.8	29
3573	Electronic computing equipment . . . . .	45.5	27	52.8	29	55.4	29
358	Service industry machines . . . . .	26.6	18	29.4	18	30.3	19
3585	Refrigeration machinery . . . . .	15.4	15	18.1	16	18.6	17
359	Misc. machinery, except electrical . . . . .	29.5	14	34.2	15	33.7	15

**ESTABLISHMENT DATA  
WOMEN EMPLOYEES**

**B-3: Women employees on nonagricultural payrolls, by industry--Continued**

SIC Code	Industry	July 1972		April 1973		July 1973	
		Number (in thousands)	Percent of total employment	Number (in thousands)	Percent of total employment	Number (in thousands)	Percent of total employment
	<i>Durable Goods--Continued</i>						
36	<b>ELECTRICAL EQUIPMENT AND SUPPLIES</b> . . . . .	716.4	40	807.8	41	829.2	42
361	Electrical test & distributing equipment . . . . .	62.8	33	73.0	35	76.8	35
3611	Electric measuring instruments . . . . .	27.3	41	33.5	44	35.2	44
3612	Transformers . . . . .	14.4	27	16.4	29	16.8	29
3613	Switchgear and switchboard apparatus . . . . .	21.1	28	23.1	30	24.8	31
362	Electrical industrial apparatus . . . . .	71.2	34	80.7	36	83.2	36
3621	Motors and generators . . . . .	38.3	34	43.9	36	44.9	36
3622	Industrial controls . . . . .	24.0	40	26.5	43	27.5	43
363	Household appliances . . . . .	50.7	26	59.0	28	60.0	28
3632	Household refrigerators and freezers . . . . .	10.6	18	12.9	20	13.7	20
3633	Household laundry equipment . . . . .	4.5	16	5.1	18	5.5	19
3634	Electric housewares and fans . . . . .	24.2	49	26.9	50	26.3	50
364	Electric lighting and wiring equipment . . . . .	84.5	43	95.6	44	96.8	45
3641	Electric lamps . . . . .	22.6	64	25.3	65	26.1	65
3642	Lighting fixtures . . . . .	22.4	34	25.1	36	25.1	36
3643,4	Wiring devices . . . . .	39.5	41	45.2	42	45.6	42
365	Radio and TV receiving equipment . . . . .	74.1	54	79.3	55	81.7	56
366	Communication equipment . . . . .	152.3	36	159.1	37	161.8	37
3661	Telephone and telegraph apparatus . . . . .	65.9	45	69.1	46	70.1	46
3662	Radio and TV communication equipment . . . . .	86.4	31	90.0	32	91.7	32
367	Electronic components and accessories . . . . .	181.4	54	215.9	56	222.3	56
3671-3	Electron tubes . . . . .	22.7	45	23.4	44	23.6	44
3674,9	Other electronic components . . . . .	158.7	56	192.5	58	198.7	58
369	Misc. electrical equipment & supplies . . . . .	39.4	33	45.2	34	46.6	35
3694	Engine electrical equipment . . . . .	23.0	36	25.6	36	26.8	38
37	<b>TRANSPORTATION EQUIPMENT</b> . . . . .	171.9	11	206.7	11	210.4	11
371	Motor vehicles and equipment . . . . .	66.1	9	88.0	9	90.9	10
3711	Motor vehicles . . . . .	22.5	7	31.4	7	33.1	8
3712	Passenger car bodies . . . . .	1.3	5	2.9	6	3.1	7
3713	Truck and bus bodies . . . . .	2.5	7	3.3	8	3.4	8
3714	Motor vehicle parts and accessories . . . . .	38.6	12	49.1	12	50.0	13
3715	Truck trailers . . . . .	1.2	5	1.3	5	1.3	5
372	Aircraft and parts . . . . .	69.0	14	73.6	14	75.4	15
3721	Aircraft . . . . .	38.2	14	40.9	15	42.1	15
3722	Aircraft engines and engine parts . . . . .	17.3	13	18.7	13	19.0	13
3723,9	Other aircraft parts and equipment . . . . .	13.5	15	14.0	15	14.3	15
373	Ship and boat building and repairing . . . . .	11.4	6	14.0	8	13.5	8
3731	Ship building and repairing . . . . .	6.7	5	7.6	6	7.8	6
3732	Boat building and repairing . . . . .	4.7	11	6.4	13	5.7	13
374	Railroad equipment . . . . .	3.8	8	3.9	8	4.1	8
375,9	Other transportation equipment . . . . .	21.6	14	27.2	15	26.5	16
38	<b>INSTRUMENTS AND RELATED PRODUCTS</b> . . . . .	168.4	37	187.7	39	192.7	39
381	Engineering & scientific instruments . . . . .	16.4	25	18.1	27	19.3	28
382	Mechanical measuring & control devices . . . . .	38.4	37	43.8	40	44.5	40
3821	Mechanical measuring devices . . . . .	20.9	32	23.6	35	24.4	35
3822	Automatic temperature controls . . . . .	17.5	46	20.2	48	20.1	47
383,5	Optical and ophthalmic goods . . . . .	23.4	43	27.1	45	27.0	44
385	Ophthalmic goods . . . . .	19.0	50	22.1	52	21.5	51
384	Medical instruments and supplies . . . . .	43.2	48	48.3	50	49.5	51
386	Photographic equipment and supplies . . . . .	28.7	25	29.3	26	31.8	26
387	Watches, clocks, and watchcases . . . . .	18.3	63	21.1	64	20.6	65
39	<b>MISCELLANEOUS MANUFACTURING INDUSTRIES</b> . . . . .	179.5	43	191.6	44	189.6	44
391	Jewelry, silverware, and plated ware . . . . .	19.8	40	22.7	41	20.7	41
394	Toys and sporting goods . . . . .	58.5	50	61.8	52	64.1	51
3941-3	Games, toys, dolls, & play vehicles . . . . .	33.9	53	33.3	54	36.2	54
3949	Sporting and athletic goods, n e c . . . . .	24.6	46	28.5	48	27.9	47
395	Pens, pencils, office and art supplies . . . . .	16.8	51	17.9	53	17.9	52
396	Costume jewelry and notions . . . . .	26.9	51	28.2	52	27.1	52
393,9	Other manufacturing industries . . . . .	57.5	36	61.0	37	59.8	36
393	Musical instruments and parts . . . . .	9.4	42	11.0	46	11.4	48
	<i>Nondurable Goods</i>						
20	<b>FOOD AND KINDRED PRODUCTS</b> . . . . .	460.9	26	422.5	25	457.3	26
201	Meat products . . . . .	102.0	29	93.0	29	100.3	30
2011	Meat packing plants . . . . .	24.4	14	23.3	14	24.4	14
2013	Sausages and other prepared meats . . . . .	17.6	28	16.2	28	17.1	29
2015	Poultry dressing plants . . . . .	60.0	54	53.5	55	58.8	55
202	Dairy products . . . . .	39.5	17	37.5	17	39.8	18
2024	Ice cream and frozen desserts . . . . .	6.3	24	5.5	24	6.7	26

ESTABLISHMENT DATA  
WOMEN EMPLOYEES

B-3: Women employees on nonagricultural payrolls, by industry--Continued

SIC Code	Industry	July 1972		April 1973		July 1973	
		Number (in thousands)	Percent of total employment	Number (in thousands)	Percent of total employment	Number (in thousands)	Percent of total employment
	<i>Nondurable Goods--Continued</i>						
	<b>FOOD AND KINDRED PRODUCTS-- Continued</b>						
2026	Fluid milk . . . . .	22.8	14	21.6	14	22.2	15
203	Canned, cured, and frozen foods . . . . .	125.5	41	97.3	40	123.2	42
2031,6	Canned, cured, and frozen sea foods . . . . .	28.2	60	25.0	58	27.8	60
2032,3	Canned food, except sea foods . . . . .	55.8	35	29.9	29	51.7	35
2037	Frozen fruits and vegetables . . . . .	28.0	46	32.2	48	30.5	46
204	Grain mill products . . . . .	20.4	15	20.8	16	21.5	16
2041	Flour and other grain mill products . . . . .	3.3	12	3.6	13	4.0	14
2042	Prepared feeds for animals and fowls . . . . .	9.4	14	10.2	16	10.0	14
205	Bakery products . . . . .	67.6	24	66.4	25	67.9	25
2051	Bread, cake, and related products . . . . .	46.6	20	46.7	21	47.1	21
2052	Cookies and crackers . . . . .	21.0	47	19.7	45	20.8	46
206	Sugar . . . . .	2.9	9	2.8	8	2.6	8
207	Confectionery and related products . . . . .	35.6	48	38.6	49	34.8	46
2071	Confectionery products . . . . .	28.3	50	32.1	52	27.4	48
208	Beverages . . . . .	30.9	13	29.8	13	31.4	13
2082	Malt liquors . . . . .	3.8	7	3.6	7	3.8	7
2086	Bottled and canned soft drinks . . . . .	12.8	10	12.8	10	13.5	10
209	Misc. foods and kindred products . . . . .	36.5	25	36.3	25	35.8	25
21	<b>TOBACCO MANUFACTURES . . . . .</b>	27.4	41	28.1	41	26.3	39
211	Cigarettes . . . . .	14.7	35	14.7	34	15.1	33
212	Cigars . . . . .	8.4	67	9.2	69	7.6	68
22	<b>TEXTILE MILL PRODUCTS . . . . .</b>	444.3	46	476.6	47	469.8	47
221	Weaving mills, cotton . . . . .	81.8	41	84.8	42	85.0	42
222	Weaving mills, synthetics . . . . .	39.4	38	41.6	39	41.8	39
223	Weaving and finishing mills, wool . . . . .	10.0	36	10.4	37	10.3	37
224	Narrow fabric mills . . . . .	16.6	59	18.1	59	17.4	60
225	Knitting mills . . . . .	167.0	64	180.1	65	175.4	65
2251	Women's hosiery, except socks . . . . .	41.0	76	40.9	76	39.7	77
2252	Hosiery, n e c . . . . .	25.5	72	26.4	72	26.4	72
2253	Knit outerwear mills . . . . .	51.3	70	59.9	72	56.8	72
2254	Knit underwear mills . . . . .	24.4	69	26.0	71	25.5	71
226	Textile finishing, except wool . . . . .	22.5	27	24.3	28	24.0	28
227	Floor covering mills . . . . .	20.6	35	23.0	36	22.8	36
228	Yarn and thread mills . . . . .	66.8	47	73.2	49	72.7	48
229	Miscellaneous textile goods . . . . .	19.6	28	21.1	29	20.4	28
23	<b>APPAREL AND OTHER TEXTILE PRODUCTS . . . . .</b>	1,011.5	80	1,094.8	81	1,016.5	80
231	Men's and boys' suits and coats . . . . .	74.6	75	79.4	73	76.6	74
232	Men's and boys' furnishings . . . . .	313.3	83	326.2	84	314.4	83
2321	Men's and boys' shirts and nightwear . . . . .	101.7	87	102.6	87	101.1	88
2327	Men's and boys' separate trousers . . . . .	64.6	80	69.4	81	67.6	81
2328	Men's and boys' work clothing . . . . .	70.9	84	73.5	84	69.7	82
233	Women's and misses' outerwear . . . . .	300.8	84	351.2	86	303.9	85
2331	Women's and misses' blouses and waists . . . . .	26.7	88	39.6	89	26.9	88
2335	Women's and misses' dresses . . . . .	152.3	87	172.6	88	148.1	86
2337	Women's and misses' suits and coats . . . . .	49.4	77	47.9	81	51.4	80
2339	Women's and misses' outerwear, n e c . . . . .	72.4	85	91.1	86	77.5	84
234	Women's and children's undergarments . . . . .	96.3	87	97.4	87	91.4	87
2341	Women's and children's underwear . . . . .	69.3	88	70.9	88	66.9	87
2342	Corsets and allied garments . . . . .	27.0	85	26.5	84	24.5	84
235	Hats, caps, and millinery . . . . .	10.7	69	12.4	72	11.2	71
236	Children's outerwear . . . . .	62.9	86	64.3	86	63.8	86
2361	Children's dresses and blouses . . . . .	26.8	90	27.8	89	27.9	88
237,8	Fur goods and miscellaneous apparel . . . . .	51.3	76	53.0	76	49.2	75
239	Misc. fabricated textile products . . . . .	101.6	62	110.9	63	106.0	63
2391,2	Housefurnishings . . . . .	47.9	71	50.7	71	48.4	71
26	<b>PAPER AND ALLIED PRODUCTS . . . . .</b>	141.7	20	146.5	21	145.9	20
261,2,6	Paper and pulp mills . . . . .	21.3	10	21.2	10	22.1	10
263	Paperboard mills . . . . .	5.3	7	5.1	7	5.2	7
264	Misc. converted paper products . . . . .	66.0	34	68.7	34	69.0	34
2643	Bags, except textile bags . . . . .	14.0	32	14.7	32	14.7	32
265	Paperboard containers and boxes . . . . .	49.1	22	51.5	23	49.6	22
2651,2	Folding and setup paperboard boxes . . . . .	18.6	31	19.4	32	18.2	31
2653	Corrugated and solid fiber boxes . . . . .	14.6	13	15.5	14	15.6	14
2654	Sanitary food containers . . . . .	10.2	33	10.6	33	9.7	32

**ESTABLISHMENT DATA  
WOMEN EMPLOYEES**

**B-3: Women employees on nonagricultural payrolls, by industry--Continued**

SIC Code	Industry	July 1972		April 1973		July 1973	
		Number (in thousands)	Percent of total employment	Number (in thousands)	Percent of total employment	Number (in thousands)	Percent of total employment
	<i>Nonurable Goods--Continued</i>						
27	<b>PRINTING AND PUBLISHING</b> . . . . .	354.0	33	371.1	31	374.3	34
271	Newspapers . . . . .	104.1	28	108.4	28	111.4	29
272	Periodicals . . . . .	32.9	49	33.1	49	33.8	49
273	Books . . . . .	47.2	48	51.0	50	50.5	50
275	Commercial printing . . . . .	91.9	27	97.0	28	95.3	28
2751	Commercial printing, ex. lithographic . . . . .	54.7	27	56.1	28	55.8	28
2752	Commercial printing, lithographic . . . . .	34.1	26	37.1	28	36.6	27
278	Blankbooks and bookbinding . . . . .	28.6	51	28.9	51	29.4	51
274,6,7,9	Other publishing & printing ind. . . . .	49.3	36	52.7	38	53.9	38
28	<b>CHEMICALS AND ALLIED PRODUCTS</b> . . . . .	207.3	21	211.6	21	218.1	21
281	Industrial chemicals . . . . .	33.3	11	33.8	11	34.8	11
2812	Alkalies and chlorines . . . . .	1.7	8	1.6	8	1.7	8
2818	Industrial organic chemicals, n e c . . . . .	15.6	13	16.2	13	16.6	13
2819	Industrial inorganic chemicals, n e c . . . . .	10.1	10	10.0	10	10.4	11
282	Plastics materials and synthetics . . . . .	39.3	18	41.6	19	43.4	19
2821	Plastics materials and resins . . . . .	8.2	9	8.7	9	9.0	10
2823,4	Synthetic fibers . . . . .	30.2	26	32.0	27	33.5	27
283	Drugs . . . . .	57.9	39	57.7	39	59.4	39
2834	Pharmaceutical preparations . . . . .	48.5	41	47.9	40	49.4	40
284	Soap, cleaners, and toilet goods . . . . .	44.2	36	44.9	36	46.8	37
2841	Soap and other detergents . . . . .	8.8	23	8.7	22	8.8	22
2844	Toilet preparations . . . . .	26.0	52	26.2	52	28.0	54
285	Paints and allied products . . . . .	11.0	15	11.0	16	11.1	15
287	Agricultural chemicals . . . . .	5.4	11	6.1	10	6.1	11
2871,2	Fertilizers, complete & mixing only . . . . .	2.7	8	3.1	7	3.1	8
286,9	Other chemical products . . . . .	16.2	18	16.5	18	16.5	18
2892	Explosives . . . . .	4.1	17	4.2	17	4.3	18
29	<b>PETROLEUM AND COAL PRODUCTS</b> . . . . .	17.4	9	17.1	9	18.0	9
291	Petroleum refining . . . . .	13.2	9	13.0	9	13.5	9
295,9	Other petroleum and coal products . . . . .	4.2	10	4.1	10	4.5	11
30	<b>RUBBER AND PLASTICS PRODUCTS, NEC</b> . . . . .	198.9	32	226.2	33	225.2	33
301	Tires and inner tubes . . . . .	11.8	9	12.4	9	12.7	9
302,3,6	Other rubber products . . . . .	58.9	34	67.3	35	66.2	35
302	Rubber footwear . . . . .	13.9	58	16.2	59	15.6	59
307	Miscellaneous plastics products . . . . .	128.2	40	146.5	42	146.3	42
31	<b>LEATHER AND LEATHER PRODUCTS</b> . . . . .	175.7	59	176.8	60	171.6	60
311	Leather tanning and finishing . . . . .	3.6	14	3.5	15	3.3	15
314	Footwear, except rubber . . . . .	127.1	64	127.4	65	123.6	65
312,3,5-7,9	Other leather products . . . . .	45.0	59	45.9	60	44.7	60
316	Luggage . . . . .	8.9	55	9.3	54	9.0	54
317	Handbags and personal leather goods . . . . .	23.7	69	23.9	70	23.2	70
-	<b>TRANSPORTATION AND PUBLIC UTILITIES</b> . . . . .	939	21	959	21	972	21
41	<b>LOCAL AND INTERURBAN PASSENGER TRANSIT</b> . . . . .	22.2	9	39.1	14	23.6	10
411	Local and suburban transportation . . . . .	5.0	7	5.1	7	5.1	8
412	Taxicabs . . . . .	4.4	5	5.0	5	4.8	5
413	Intercity highway transportation . . . . .	3.8	9	3.7	10	3.6	9
42	<b>TRUCKING AND WAREHOUSING</b> . . . . .	102.1	9	102.7	9	106.1	9
421,3	Trucking and trucking terminals . . . . .	90.4	9	90.7	9	94.0	9
422	Public warehousing . . . . .	11.7	14	12.0	14	12.1	14
45	<b>TRANSPORTATION BY AIR</b> . . . . .	87.0	26	95.6	27	100.4	28
451,2	Air transportation . . . . .	83.4	27	91.9	28	96.4	29
46	<b>PIPE LINE TRANSPORTATION</b> . . . . .	1.4	7	1.3	7	1.3	7
44	<b>WATER TRANSPORTATION</b> . . . . .	15.3	7	16.3	8	17.5	8
47	<b>TRANSPORTATION SERVICES</b> . . . . .	23.4	22	25.6	24	26.0	24
48	<b>COMMUNICATION</b> . . . . .	552.0	47	541.7	47	555.8	47
481	Telephone communication . . . . .	505.3	52	493.1	51	506.4	51
483	Radio and television broadcasting . . . . .	32.9	24	33.7	25	34.6	25
49	<b>ELECTRIC, GAS, AND SANITARY SERVICES</b> . . . . .	109.7	15	111.0	15	115.4	15
491	Electric companies and systems . . . . .	45.9	15	46.9	15	48.7	15
492	Gas companies and systems . . . . .	27.9	17	27.8	17	28.9	17

B-3: Women employees on nonagricultural payrolls, by industry--Continued

SIC Code	Industry	July 1972		April 1973		July 1973	
		Number (in thousands)	Percent of total employment	Number (in thousands)	Percent of total employment	Number (in thousands)	Percent of total employment
	<i>Nondurable Goods--Continued</i>						
	<b>ELECTRIC, GAS, AND SANITARY SERVICES--Cont'd</b>						
493	Combination companies and systems . . . . .	28.2	14	28.3	15	29.6	15
494-7	Water, steam, & sanitary systems . . . . .	7.7	13	8.0	14	8.2	13
-	<b>WHOLESALE AND RETAIL TRADE . . . . .</b>	6,128	39	6,429	40	6,473	40
50	<b>WHOLESALE TRADE . . . . .</b>	888	22	920	23	945	23
501	Motor vehicles & automotive equipment . . . . .	68.2	19	71.6	20	74.6	20
502	Drugs, chemicals, and allied products . . . . .	78.1	34	79.3	35	80.9	35
503	Dry goods and apparel . . . . .	72.7	46	76.8	47	76.3	47
504	Groceries and related products . . . . .	121.1	21	120.3	21	130.9	22
506	Electrical goods . . . . .	77.0	23	83.2	25	84.2	25
507	Hardware; plumbing & heating equipment . . . . .	42.4	23	44.4	24	45.8	25
508	Machinery, equipment, and supplies . . . . .	137.2	18	144.4	19	149.0	19
509	Miscellaneous wholesalers . . . . .	272.7	21	283.0	22	287.8	22
52-59	<b>RETAIL TRADE . . . . .</b>	5,240	45	5,509	46	5,528	46
53	<b>RETAIL GENERAL MERCHANDISE . . . . .</b>	1,565.3	67	1,656.2	68	1,650.9	67
531	Department stores . . . . .	1,045.6	69	1,103.7	69	1,099.8	69
532	Mail order houses . . . . .	68.3	59	74.1	61	71.0	59
533	Variety stores . . . . .	228.3	73	246.7	74	239.3	73
54	<b>FOOD STORES . . . . .</b>	658.5	36	700.9	37	694.4	37
541-3	Grocery, meat, and vegetables stores . . . . .	552.7	34	587.1	35	587.2	35
56	<b>APPAREL AND ACCESSORY STORES . . . . .</b>	475.5	66	504.4	66	483.9	66
561	Men's & boys' clothing & furnishings . . . . .	50.6	40	52.9	41	52.7	41
562	Women's ready-to-wear stores . . . . .	243.9	89	260.8	89	249.8	89
565	Family clothing stores . . . . .	68.5	67	70.1	69	69.2	68
566	Shoe stores . . . . .	59.5	40	60.9	38	57.2	38
57	<b>FURNITURE AND HOME FURNISHINGS STORES . . . . .</b>	135.0	29	143.7	30	144.8	30
571	Furniture and home furnishings . . . . .	89.4	30	96.8	31	95.4	31
58	<b>EATING AND DRINKING PLACES . . . . .</b>	1,503.0	55	1,552.8	55	1,605.7	55
52,55,59	<b>OTHER RETAIL TRADE . . . . .</b>	902.4	25	951.1	26	947.0	26
52	Building materials and farm equipment . . . . .	98.8	16	102.4	17	105.1	17
55	Automotive dealers & service stations . . . . .	211.9	12	226.7	13	231.7	13
551,2	Motor vehicle dealers . . . . .	92.4	12	97.0	12	99.1	12
553,9	Other automotive & accessory dealers . . . . .	38.6	14	40.0	14	42.6	14
59	Miscellaneous retail stores . . . . .	591.7	45	622.0	46	611.3	45
591	Drug stores and proprietary stores . . . . .	284.7	61	291.8	61	290.0	61
594	Book and stationery stores . . . . .	28.3	46	31.2	47	30.2	46
596	Farm and garden supply stores . . . . .	21.8	19	29.5	23	22.5	19
598	Fuel and ice dealers . . . . .	17.1	17	18.4	18	17.5	18
-	<b>FINANCE, INSURANCE, AND REAL ESTATE . . . . .</b>	2,059	52	2,113	53	2,161	53
60	Banking . . . . .	711.0	64	748.0	65	775.7	66
61	Credit agencies other than banks . . . . .	225.1	57	241.6	58	249.8	58
612	Savings and loan associations . . . . .	88.3	67	97.3	68	101.4	68
614	Personal credit institutions . . . . .	94.0	49	100.5	50	103.8	50
62	Security, commodity brokers & services . . . . .	71.2	35	67.8	35	63.2	34
63	Insurance carriers . . . . .	579.4	52	589.0	52	597.7	52
631	Life insurance . . . . .	254.3	45	258.3	45	259.5	45
632	Accident and health insurance . . . . .	70.2	70	72.1	70	73.5	70
633	Fire, marine, and casualty insurance . . . . .	220.0	57	222.8	56	228.1	57
64	Insurance agents, brokers, and service . . . . .	170.9	59	165.6	56	169.5	56
65	Real estate . . . . .	254.1	33	252.8	34	255.7	33
655	Subdividers and developers . . . . .	24.7	18	24.9	20	26.4	19
656	Operative builders . . . . .	8.8	14	8.1	15	8.2	14
66,67	Other finance, insurance, & real estate . . . . .	47.6	51	47.7	51	49.0	51
-	<b>SERVICES . . . . .</b>	6,706	54	7,010	55	7,045	54
	<b>Hotels and other lodging places:</b>						
701	Hotels, tourist courts, and motels . . . . .	407.7	53	379.6	53	424.5	53
72	Personal services . . . . .	558.7	61	558.4	62	555.3	62
721	Laundries and dry cleaning plants . . . . .	285.1	65	270.2	64	272.7	64
722	Photographic studios . . . . .	23.6	61	25.8	64	24.4	63



**ESTABLISHMENT DATA**  
**WOMEN EMPLOYEES**

**B-3: Women employees on nonagricultural payrolls, by industry--Continued**

SIC Code	Industry	July 1972		April 1973		July 1973	
		Number (in thousands)	Percent of total employment	Number (in thousands)	Percent of total employment	Number (in thousands)	Percent of total employment
	<i>Nondurable Goods--Continued</i>						
	<b>SERVICES - Continued</b>						
73	Miscellaneous business services . . . . .	567.4	34	612.3	35	628.5	35
731	Advertising . . . . .	49.7	43	50.7	43	51.6	44
732	Credit reporting and collection . . . . .	56.6	71	59.3	71	60.7	71
734	Services to buildings . . . . .	110.2	34	122.3	36	123.3	36
76	Miscellaneous repair services . . . . .	28.7	15	29.6	15	30.8	16
78	Motion pictures . . . . .	75.8	37	72.9	39	74.9	38
781	Motion picture filming & distributing . . . . .	17.6	33	17.1	38	17.6	35
782,3	Motion picture theaters and services . . . . .	58.2	38	55.8	39	57.3	38
80	Medical and other health services . . . . .	2,782.7	80	2,908.3	80	2,976.0	80
806	Hospitals . . . . .	1,622.0	80	1,663.8	80	1,692.1	80
81	Legal services . . . . .	167.4	62	173.5	64	181.9	62
82	Educational services . . . . .	464.5	46	623.5	50	475.5	46
821	Elementary and secondary schools . . . . .	188.2	56	258.4	61	191.7	56
822	Colleges and universities . . . . .	217.2	40	295.0	43	215.2	39
89	Miscellaneous services . . . . .	174.8	25	190.7	26	193.9	25
891	Engineering & architectural services . . . . .	47.4	15	50.6	15	53.1	15
892	Nonprofit research agencies . . . . .	36.1	32	37.2	32	37.5	32
-	<b>GOVERNMENT . . . . .</b>	5,199	41	6,161	45	5,412	41
91	<b>FEDERAL GOVERNMENT . . . . .</b>	746	28	770	29	771	29
92,93	<b>STATE AND LOCAL GOVERNMENT . . . . .</b>	4,453	44	5,391	48	4,641	44
92	State government . . . . .	1,116.7	41	1,277.5	43	1,173.4	42
	State education . . . . .	404.7	41	562.8	44	436.4	42
	Other State government . . . . .	712.0	41	714.7	43	737.0	42
93	Local government . . . . .	3,335.8	45	4,113.6	50	3,467.5	45
	Local education . . . . .	2,179.8	58	3,003.3	63	2,255.4	58
	Other local government . . . . .	1,156.0	32	1,110.3	33	1,212.1	32

**ESTABLISHMENT DATA**  
**SEASONALLY ADJUSTED EMPLOYMENT**

**B-4: Indexes of employment on nonagricultural payrolls, by industry division,  
1919 to date, monthly data seasonally adjusted**

1987 - 100

Year and month	Total	Goods-producing				Service-producing									
		Total	Mining	Contract construction	Manufacturing	Total	Transportation and public utilities	Wholesale and retail trade			Finance, insurance, and real estate	Services	Government		
								Total	Wholesale trade	Retail trade			Total	Federal	State and local
1919 ....	41.1	55.1	184.8	31.8	54.8	33.5	87.1	33.2	-	-	34.4	22.4	23.5	-	-
1920 ....	41.5	54.8	202.1	26.4	54.8	34.3	93.8	32.8	-	-	36.4	23.4	22.8	-	-
1921 ....	37.0	44.0	156.9	31.5	42.5	33.2	81.2	33.7	-	-	36.1	23.9	22.2	-	-
1922 ....	39.2	48.3	151.5	36.9	46.9	34.3	82.3	36.0	-	-	35.5	24.8	22.3	-	-
1923 ....	43.1	54.8	197.7	38.3	53.0	36.8	91.1	38.9	-	-	36.9	26.6	22.9	-	-
1924 ....	42.6	52.0	179.6	41.2	49.7	37.4	89.3	39.7	-	-	38.2	27.5	23.9	-	-
1925 ....	43.7	53.6	177.7	45.1	51.1	38.3	89.8	41.0	-	-	38.2	28.4	24.6	-	-
1926 ....	45.3	55.4	193.3	48.5	52.2	39.7	92.5	42.5	-	-	40.5	30.2	25.0	-	-
1927 ....	45.5	54.7	181.7	50.1	51.4	40.5	91.4	43.4	-	-	42.4	31.4	25.6	-	-
1928 ....	45.6	54.2	171.3	50.1	51.1	40.8	89.8	43.2	-	-	44.5	32.3	26.3	-	-
1929 ....	47.6	57.1	177.3	46.7	55.0	42.4	91.9	45.0	-	-	46.8	34.1	26.9	19.6	29.2
1930 ....	44.7	51.3	164.6	42.8	49.2	41.0	86.5	42.6	-	-	45.7	33.4	27.6	19.3	30.2
1931 ....	40.5	44.1	142.4	37.8	42.0	38.5	76.4	38.8	-	-	43.6	31.5	28.6	20.6	31.2
1932 ....	35.9	37.1	119.2	30.2	35.6	35.2	66.1	34.4	-	-	41.6	29.0	28.3	20.6	30.7
1933 ....	36.0	38.5	121.4	25.2	38.0	34.7	62.7	34.9	-	-	40.2	28.4	27.8	20.8	30.0
1934 ....	39.4	44.0	144.0	26.9	43.7	36.9	64.5	38.8	-	-	40.9	30.3	28.9	24.0	30.5
1935 ....	41.1	46.8	146.3	28.4	46.6	38.0	65.4	39.9	-	-	41.4	31.1	30.5	27.7	31.4
1936 ....	44.2	51.2	154.3	35.7	50.5	40.3	69.8	42.7	-	-	43.0	32.9	32.2	30.4	32.7
1937 ....	47.1	55.5	165.6	34.7	55.5	42.5	73.6	46.0	-	-	44.4	34.8	33.0	30.6	33.7
1938 ....	44.4	48.9	145.4	32.9	48.5	41.8	67.2	45.4	-	-	44.2	34.4	34.1	30.5	35.2
1939 ....	46.5	52.8	139.3	35.8	52.9	43.1	68.9	47.2	47.8	47.0	45.3	34.8	35.1	33.3	35.6
1940 ....	49.2	56.7	150.9	40.3	56.5	45.0	71.3	49.6	49.8	49.6	46.6	36.4	36.9	36.6	36.9
1941 ....	55.5	68.5	156.1	55.8	67.8	48.4	76.8	53.0	53.1	53.0	48.0	38.8	40.9	49.3	38.3
1942 ....	60.9	79.3	161.8	67.6	78.6	50.9	81.2	52.3	51.7	52.5	47.7	40.4	48.1	81.4	37.7
1943 ....	64.5	86.4	150.9	48.8	90.5	52.5	85.6	51.3	49.4	52.0	46.6	41.1	53.3	106.8	36.6
1944 ....	63.6	83.0	145.5	34.1	89.1	53.0	89.9	51.9	50.0	52.5	45.8	41.2	53.0	107.7	35.9
1945 ....	61.3	75.2	136.4	35.3	79.8	53.8	91.7	53.8	52.8	54.1	46.4	42.0	52.1	103.3	36.1
1946 ....	63.3	74.0	140.6	51.8	75.6	57.4	95.3	61.6	62.1	61.4	52.6	46.7	49.1	82.9	38.5
1947 ....	66.6	79.4	155.8	61.8	79.9	59.6	97.8	65.8	67.0	65.4	54.4	50.0	48.0	69.6	41.3
1948 ....	68.2	80.6	162.2	67.6	80.1	61.4	98.3	68.1	70.6	67.3	56.7	51.5	49.6	68.5	43.6
1949 ....	66.5	75.4	151.7	67.5	74.3	61.6	93.9	68.1	70.6	67.2	57.6	52.1	51.4	70.2	45.5
1950 ....	68.7	79.4	147.0	72.7	78.4	62.8	94.7	69.0	71.4	68.1	59.5	53.3	52.9	70.9	47.2
1951 ....	72.7	85.6	151.5	81.1	84.3	65.6	99.2	71.6	73.9	70.8	61.7	55.2	56.1	84.7	47.1
1952 ....	74.1	86.7	146.5	82.1	85.5	67.3	99.7	73.5	76.2	72.6	64.2	56.7	58.0	89.0	48.3
1953 ....	76.3	90.4	141.3	81.8	90.2	68.6	100.7	75.3	77.4	74.6	66.5	58.1	58.3	84.8	50.0
1954 ....	74.4	84.7	129.0	81.4	83.9	68.8	95.8	75.2	77.7	74.4	69.3	59.4	59.2	80.5	52.6
1955 ....	76.9	88.0	129.2	87.3	86.8	70.9	97.2	77.4	79.3	76.8	72.4	62.1	60.7	80.4	54.5
1956 ....	79.6	90.5	134.1	93.5	88.7	73.6	99.6	79.8	81.8	79.1	75.3	64.7	63.8	81.2	58.4
1957 ....	80.3	89.9	135.1	91.1	88.3	75.1	99.5	80.0	82.1	79.3	76.8	66.8	66.8	81.5	62.2
1958 ....	78.0	83.7	122.5	86.6	82.0	74.9	93.3	79.0	80.8	78.4	78.1	67.4	68.8	80.6	65.1
1959 ....	81.0	87.5	119.4	92.3	85.7	77.4	94.1	81.8	83.6	81.2	80.4	70.6	70.9	82.1	67.4
1960 ....	82.4	87.6	116.2	89.9	86.4	79.5	94.0	83.7	85.2	83.2	82.8	73.5	73.3	83.5	70.1
1961 ....	82.1	85.2	109.6	87.8	84.0	80.4	91.6	83.3	84.9	82.8	84.7	75.9	75.4	83.8	72.8
1962 ....	84.4	87.7	106.0	90.5	86.7	82.6	91.7	85.0	86.7	84.4	86.8	79.5	78.0	86.1	75.5
1963 ....	86.1	88.5	103.6	92.4	87.4	84.8	91.6	86.6	88.1	86.1	89.2	82.4	80.9	86.7	79.1
1964 ....	88.6	90.1	103.4	95.1	88.8	87.8	92.7	89.4	90.5	89.0	91.7	86.2	84.2	86.4	83.5
1965 ....	92.3	94.0	103.1	99.3	92.9	91.4	94.7	93.5	94.0	93.3	93.7	90.0	88.4	87.5	88.7
1966 ....	97.1	99.3	102.3	102.1	98.8	95.9	97.4	97.3	97.5	97.3	96.1	94.6	94.7	94.3	94.8
1967 ....	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
1968 ....	103.1	101.7	98.9	102.4	101.7	103.9	101.1	103.5	102.4	103.9	104.9	105.2	103.9	100.7	105.0
1969 ....	106.7	104.1	101.0	107.1	103.7	108.2	103.9	107.6	105.9	108.2	110.5	111.2	107.1	101.4	108.8
1970 ....	107.2	100.4	101.6	105.4	99.5	110.9	105.4	109.6	108.1	110.1	114.4	115.0	110.0	99.5	113.3
1971 ....	107.3	96.9	98.2	106.3	95.3	112.9	104.2	111.3	108.1	112.4	117.7	117.5	112.8	98.0	117.4
1972 ....	110.5	99.1	99.0	109.8	97.4	116.7	105.5	115.3	111.1	116.7	121.8	121.9	116.6	97.5	122.6
1972:															
Oct. . .	111.7	100.5	99.2	111.0	98.8	117.9	106.5	116.4	112.3	117.9	123.1	123.3	117.7	97.3	124.1
Nov. . .	112.1	100.8	99.2	109.9	99.3	118.3	106.8	116.9	112.4	118.5	123.4	123.7	118.1	97.5	124.5
Dec. . .	112.4	100.9	99.0	107.8	99.8	118.7	107.0	117.2	112.6	118.8	123.8	124.1	118.5	97.5	125.0
1973:															
Jan. . .	112.8	101.3	99.5	109.0	100.1	119.0	107.3	117.7	113.5	119.2	123.9	125.0	118.3	97.1	124.9
Feb. . .	113.5	102.3	99.8	112.0	100.7	119.6	107.5	118.4	114.1	119.9	124.5	125.6	118.8	97.0	125.6
Mar. . .	113.8	102.5	99.5	112.3	101.0	119.9	107.5	118.8	114.3	120.4	124.8	125.9	119.1	96.8	126.1
Apr. . .	114.0	102.7	99.2	111.3	101.4	120.2	107.7	119.2	114.7	120.8	125.0	126.2	119.4	96.7	126.6
May. . .	114.4	103.2	99.2	112.8	101.7	120.5	107.8	119.5	114.8	121.1	125.4	126.5	119.7	97.1	126.8
June. . .	114.7	103.7	102.6	113.9	102.1	120.7	107.9	119.5	115.5	120.9	125.6	126.9	119.8	96.1	127.3
July. . .	114.6	103.6	102.9	114.7	101.8	120.6	107.9	119.8	115.5	121.2	125.5	127.0	119.3	95.2	126.8
Aug. . .	115.0	103.9	103.4	114.6	102.1	121.1	108.4	120.2	116.3	121.5	126.0	127.8	119.6	95.6	127.2
Sept. . .	115.4	104.0	103.3	115.1	102.2	121.6	108.7	120.5	117.0	121.7	126.4	128.7	119.9	96.0	127.5
Oct. . .	115.8	104.5	104.1	115.0	102.7	122.0	109.5	121.9	117.8	122.2	126.7	129.3	120.2	95.9	127.8

preliminary.  
revised

NOTE: Data include Alaska and Hawaii beginning 1968. This inclusion has resulted in an increase of 212,000 (0.4 percent) in the nonagricultural total for the March 1969 benchmark month.

**ESTABLISHMENT DATA**  
**SEASONALLY ADJUSTED EMPLOYMENT**

68

**B-5: Employees on nonagricultural payrolls, by industry, seasonally adjusted**

Industry division and group	1972			1973									
	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept. <sup>P</sup>	Oct. <sup>P</sup>
<b>TOTAL</b> .....	73,584	73,835	74,002	74,252	74,715	74,914	75,105	75,321	75,526	75,478	75,747	75,972	76,277
<b>GOODS-PRODUCING</b> .....	23,379	23,444	23,468	23,571	23,792	23,857	23,906	24,010	24,139	24,115	24,171	24,203	24,308
<b>MINING</b> .....	608	608	607	610	612	610	608	608	629	631	634	633	638
<b>CONTRACT CONSTRUCTION</b> .....	3,561	3,524	3,459	3,498	3,594	3,604	3,571	3,620	3,654	3,680	3,676	3,694	3,689
<b>MANUFACTURING</b> .....	19,210	19,312	19,402	19,463	19,586	19,643	19,727	19,782	19,856	19,804	19,861	19,876	19,981
<b>DURABLE GOODS</b> .....	11,112	11,194	11,270	11,326	11,421	11,463	11,534	11,602	11,654	11,646	11,692	11,707	11,793
Ordnance and accessories .....	191	196	196	197	198	197	195	193	192	193	192	189	191
Lumber and wood products .....	616	621	623	624	628	630	631	629	628	628	631	633	635
Furniture and fixtures .....	503	505	508	511	514	517	520	523	527	522	527	524	526
Stone, clay, and glass products .....	671	673	673	674	682	687	687	692	693	697	694	694	700
Primary metal industries .....	1,274	1,278	1,286	1,284	1,286	1,280	1,288	1,299	1,308	1,308	1,323	1,339	1,348
Fabricated metal products .....	1,393	1,400	1,407	1,419	1,432	1,436	1,448	1,456	1,457	1,459	1,459	1,457	1,468
Machinery, except electrical .....	1,909	1,932	1,950	1,965	1,973	1,990	2,006	2,021	2,040	2,040	2,065	2,076	2,092
Electrical equipment .....	1,878	1,888	1,908	1,925	1,945	1,957	1,970	1,984	2,008	2,009	2,006	2,009	2,030
Transportation equipment .....	1,782	1,800	1,814	1,817	1,845	1,846	1,869	1,877	1,871	1,858	1,859	1,849	1,860
Instruments and related products .....	466	470	472	477	481	484	481	490	494	494	500	502	505
Miscellaneous manufacturing .....	429	431	433	433	437	439	439	438	436	438	436	435	438
<b>NONDURABLE GOODS</b> .....	8,098	8,118	8,132	8,137	8,165	8,180	8,193	8,180	8,202	8,158	8,169	8,169	8,188
Food and kindred products .....	1,746	1,743	1,744	1,749	1,751	1,748	1,746	1,736	1,729	1,720	1,706	1,714	1,729
Tobacco manufactures .....	68	70	72	72	73	76	76	76	76	76	72	70	71
Textile mill products .....	1,003	1,008	1,015	1,014	1,023	1,023	1,023	1,022	1,024	1,021	1,026	1,025	1,029
Apparel and other textile products .....	1,343	1,347	1,345	1,337	1,349	1,350	1,357	1,351	1,351	1,319	1,337	1,336	1,336
Paper and allied products .....	706	706	707	708	711	715	712	719	719	716	721	720	721
Printing and publishing .....	1,085	1,088	1,090	1,093	1,092	1,094	1,096	1,095	1,100	1,101	1,100	1,099	1,099
Chemicals and allied products .....	1,010	1,013	1,014	1,016	1,014	1,018	1,021	1,025	1,030	1,034	1,031	1,036	1,037
Petroleum and coal products .....	189	189	189	189	185	186	183	182	186	186	189	190	191
Rubber and plastics products, nec .....	644	652	657	664	672	674	680	676	687	690	691	684	681
Leather and leather products .....	304	302	299	295	295	296	299	298	300	295	296	295	294
<b>SERVICE-PRODUCING</b> .....	50,205	50,391	50,534	50,681	50,923	51,057	51,199	51,311	51,387	51,363	51,576	51,769	51,969
<b>TRANSPORTATION AND PUBLIC UTILITIES</b> .....	4,540	4,549	4,558	4,574	4,580	4,580	4,591	4,593	4,597	4,598	4,617	4,632	4,666
<b>WHOLESALE AND RETAIL TRADE</b> .....	15,839	15,911	15,946	16,013	16,114	16,163	16,217	16,256	16,262	16,294	16,352	16,393	16,468
<b>WHOLESALE TRADE</b> .....	3,958	3,963	3,970	4,001	4,022	4,029	4,044	4,046	4,072	4,071	4,099	4,125	4,151
<b>RETAIL TRADE</b> .....	11,881	11,948	11,976	12,012	12,092	12,134	12,173	12,210	12,190	12,223	12,253	12,268	12,317
<b>FINANCE, INSURANCE, AND REAL ESTATE</b> .....	3,969	3,981	3,991	3,995	4,014	4,024	4,031	4,044	4,049	4,048	4,064	4,077	4,086
<b>SERVICES</b> .....	12,451	12,497	12,537	12,621	12,682	12,716	12,746	12,776	12,820	12,828	12,906	12,996	13,053
Hotels and other lodging places .....	860	868	867	861	872	867	865	871	888	877	890	899	-
Personal services .....	909	908	907	905	903	904	901	896	891	898	894	895	-
Medical and other health services .....	3,495	3,513	3,532	3,556	3,580	3,601	3,622	3,642	3,663	3,678	3,711	3,733	-
Educational services .....	1,184	1,187	1,188	1,179	1,191	1,193	1,196	1,194	1,206	1,196	1,196	1,224	-
<b>GOVERNMENT</b> .....	13,406	13,453	13,502	13,478	13,533	13,574	13,614	13,642	13,659	13,595	13,637	13,671	13,696
<b>FEDERAL</b> .....	2,639	2,644	2,650	2,634	2,628	2,631	2,628	2,641	2,613	2,588	2,599	2,609	2,608
<b>STATE AND LOCAL</b> .....	10,767	10,809	10,852	10,844	10,905	10,943	10,986	11,001	11,046	11,007	11,038	11,062	11,088

r=revised  
p=preliminary.

**ESTABLISHMENT DATA**  
**SEASONALLY ADJUSTED EMPLOYMENT**

**B-6: Production or nonsupervisory workers<sup>1</sup> on private nonagricultural payrolls,  
seasonally adjusted**

Industry division and group	(In thousands)												
	1972			1973									
	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept. <sup>P</sup>	Oct. <sup>P</sup>
<b>TOTAL</b> .....	49,839	50,021	50,105	50,316	50,708	50,830	50,947	51,090	51,241	51,247	51,442	51,601	51,830
<b>GOODS-PRODUCING</b> .....	17,486	17,539	17,555	17,624	17,827	17,890	17,920	17,996	18,111	18,093	18,135	18,149	18,238
<b>MINING</b> .....	460	459	458	462	464	462	461	461	477	479	483	484	488
<b>CONTRACT CONSTRUCTION</b> .....	2,944	2,905	2,841	2,867	2,961	2,977	2,938	2,984	3,020	3,048	3,041	3,058	3,045
<b>MANUFACTURING</b> .....	14,082	14,175	14,256	14,295	14,402	14,451	14,521	14,551	14,614	14,566	14,611	14,607	14,705
<b>DURABLE GOODS</b> .....	8,124	8,200	8,266	8,307	8,386	8,425	8,483	8,528	8,573	8,562	8,597	8,600	8,678
Ordnance and accessories .....	96	102	102	102	103	102	101	99	98	99	97	95	97
Lumber and wood products .....	531	535	538	539	543	543	544	542	542	541	544	545	547
Furniture and fixtures .....	416	419	421	424	426	428	430	428	436	431	434	433	433
Stone, clay, and glass products .....	537	539	538	539	547	550	550	555	555	557	554	553	561
Primary metal industries .....	1,023	1,025	1,033	1,031	1,033	1,027	1,033	1,044	1,052	1,050	1,066	1,081	1,088
Fabricated metal products .....	1,069	1,075	1,082	1,091	1,104	1,108	1,118	1,123	1,126	1,127	1,129	1,124	1,134
Machinery, except electrical .....	1,277	1,298	1,314	1,324	1,328	1,343	1,356	1,366	1,380	1,379	1,399	1,402	1,419
Electrical equipment .....	1,278	1,288	1,306	1,316	1,337	1,349	1,361	1,370	1,389	1,392	1,384	1,384	1,405
Transportation equipment .....	1,278	1,294	1,305	1,310	1,327	1,334	1,351	1,354	1,348	1,338	1,339	1,333	1,338
Instruments and related products .....	284	287	289	292	295	298	296	304	306	306	311	311	313
Miscellaneous manufacturing .....	335	338	338	339	343	343	343	343	341	342	340	339	343
<b>NONDURABLE GOODS</b> .....	5,958	5,975	5,990	5,988	6,016	6,026	6,038	6,023	6,041	6,004	6,014	6,007	6,027
Food and kindred products .....	1,175	1,171	1,175	1,181	1,184	1,181	1,178	1,170	1,165	1,160	1,144	1,153	1,167
Tobacco manufactures .....	55	57	59	59	61	63	63	63	63	64	60	57	59
Textile mill products .....	882	887	894	893	902	900	900	900	899	899	902	899	904
Apparel and other textile products .....	1,171	1,176	1,172	1,161	1,173	1,174	1,182	1,174	1,175	1,140	1,161	1,159	1,156
Paper and allied products .....	545	546	547	548	552	554	552	557	557	556	561	559	560
Printing and publishing .....	659	659	660	662	661	661	663	661	664	663	662	662	665
Chemicals and allied products .....	587	589	590	590	587	592	593	596	599	605	603	605	606
Petroleum and coal products .....	118	119	119	119	115	117	115	115	117	118	120	121	121
Rubber and plastics products, nec .....	505	513	517	522	529	531	536	531	544	546	547	539	537
Leather and leather products .....	261	258	257	253	252	253	256	256	257	253	254	253	252
<b>SERVICE-PRODUCING</b> .....	32,353	32,482	32,550	32,692	32,881	32,940	33,027	33,094	33,130	33,154	33,307	33,452	33,592
<b>TRANSPORTATION AND PUBLIC UTILITIES</b> .....	3,922	3,930	3,937	3,947	3,949	3,945	3,952	3,957	3,960	3,952	3,969	3,976	4,012
<b>WHOLESALE AND RETAIL TRADE</b> .....	14,067	14,137	14,157	14,211	14,320	14,362	14,404	14,435	14,421	14,449	14,489	14,536	14,614
<b>WHOLESALE TRADE</b> .....	3,315	3,319	3,324	3,350	3,363	3,372	3,381	3,385	3,406	3,404	3,423	3,445	3,474
<b>RETAIL TRADE</b> .....	10,752	10,818	10,833	10,861	10,957	10,990	11,023	11,050	11,015	11,045	11,066	11,091	11,140
<b>FINANCE, INSURANCE, AND REAL ESTATE</b> .....	3,097	3,106	3,111	3,111	3,127	3,134	3,139	3,143	3,144	3,142	3,153	3,162	3,160
<b>SERVICES</b> .....	11,267	11,309	11,345	11,423	11,485	11,499	11,532	11,559	11,605	11,611	11,696	11,778	11,806

<sup>1</sup> For coverage of series, see footnote 1, table B-2.  
p=preliminary.

**ESTABLISHMENT DATA  
STATE AND AREA EMPLOYMENT**

**B-7: Employees on nonagricultural payrolls**

(In thousands)

	State and area	TOTAL			Mining			Contract construction			Manufacturing		
		Sept. 1972	Aug. 1973	Sept. 1973 <sup>P</sup>	Sept. 1972	Aug. 1973	Sept. 1973 <sup>P</sup>	Sept. 1972	Aug. 1973	Sept. 1973 <sup>P</sup>	Sept. 1972	Aug. 1973	Sept. 1973 <sup>P</sup>
1	ALABAMA	1,077.6	1,108.7	1,108.3	8.3	8.5	8.4	62.4	66.3	65.4	332.5	340.1	338.9
2	Birmingham	276.4	286.1	283.2	5.3	5.5	5.6	17.8	18.8	18.4	70.1	71.1	71.0
3	Huntsville	81.8	80.5	80.7	(1)	(1)	(1)	2.8	2.7	2.6	14.3	15.2	15.1
4	Mobile	106.5	110.2	110.0	(1)	(1)	(1)	6.8	6.9	6.9	23.8	25.3	25.3
5	Montgomery	74.1	75.8	(*)	(1)	(1)	(*)	6.0	6.5	(*)	11.0	11.3	(*)
6	Tuscaloosa	45.0	45.6	46.4	(1)	(1)	(1)	3.6	3.8	3.9	11.8	12.1	12.2
7	ALASKA <sup>2</sup>	112.2	119.3	116.5	2.1	2.1	2.1	10.9	11.3	11.4	9.6	12.3	9.6
8	ARIZONA	655.3	697.1	704.4	22.1	24.8	24.5	56.9	65.1	64.8	98.2	108.2	108.1
9	Phoenix	388.2	415.6	419.8	.3	.4	.4	33.1	37.2	37.1	74.8	82.3	82.1
10	Tucson	127.5	134.7	137.6	6.9	8.0	7.9	12.5	13.7	13.6	10.1	11.8	11.8
11	ARKANSAS	597.5	629.9	623.0	4.4	4.7	4.6	33.6	37.6	36.2	187.4	200.9	201.0
12	Fayetteville	29.3	29.2	30.0	(1)	(1)	(1)	1.4	1.5	1.4	8.0	8.7	8.7
13	Fort Smith	51.0	53.3	53.8	.3	.4	.4	2.4	2.5	2.4	18.8	20.3	20.5
14	Little Rock—North Little Rock	137.7	143.6	142.9	(1)	(1)	(1)	10.7	10.9	10.6	28.4	30.9	31.1
15	Pine Bluff	25.3	25.6	25.8	(1)	(1)	(1)	1.1	1.1	.9	6.0	6.5	6.5
16	CALIFORNIA	7,334.1	7,547.0	7,590.4	30.3	31.1	31.1	331.7	342.7	341.7	1,585.8	1,653.0	1,661.9
17	Anaheim—Santa Ana—Garden Grove	465.3	498.9	499.2	2.0	2.0	2.0	27.1	28.2	28.2	127.7	135.9	136.6
18	Bakersfield	96.7	98.2	98.1	6.4	6.4	6.4	4.1	4.0	4.0	9.3	8.8	9.1
19	Fresno	132.8	138.5	141.4	.6	.6	.6	6.7	7.0	7.0	19.7	22.8	22.3
20	Los Angeles—Long Beach	2,919.9	2,994.9	3,014.5	11.1	11.1	11.1	100.5	102.0	102.2	794.4	819.6	828.5
21	Modesto	68.4	71.8	72.3	.1	.1	.1	4.5	4.5	4.3	22.3	24.6	24.3
22	Oxnard—Simi Valley—Ventura	102.7	103.9	105.2	1.6	1.6	1.6	5.1	5.3	5.3	15.3	14.3	15.0
23	Riverside—San Bernardino—Ontario	311.8	318.5	320.9	1.9	2.3	2.3	15.5	15.4	15.4	55.3	57.5	57.4
24	Sacramento	289.9	296.2	298.9	.1	.1	.1	16.1	15.5	15.4	25.1	26.1	26.4
25	Salinas—Seaside—Monterey	70.5	72.6	73.6	.6	.6	.6	3.0	3.0	2.9	7.9	8.2	8.3
26	San Diego	428.1	432.1	438.3	.5	.5	.5	25.7	23.6	23.5	63.1	64.1	64.6
27	San Francisco—Oakland	1,272.9	1,288.6	1,292.9	1.9	2.0	2.0	61.4	61.7	61.6	192.9	200.9	200.2
28	San Jose	413.7	439.5	440.5	.1	.1	.1	19.9	20.1	19.9	130.2	144.0	145.0
29	Santa Barbara—Santa Maria—Lompoc	84.7	86.6	87.3	.9	.9	.9	3.5	3.5	3.5	10.3	10.4	10.6
30	Santa Rosa	59.6	61.3	61.9	.3	.3	.3	3.7	3.6	3.6	8.9	9.7	9.7
31	Stockton	98.3	99.7	100.2	.1	.1	.1	4.8	4.9	4.9	21.1	22.4	22.6
32	Vallejo—Fairfield—Napa	73.3	74.2	74.7	.1	.1	.1	3.5	3.5	3.5	8.5	8.7	8.8
33	COLORADO	816.4	839.0	841.8	13.6	14.0	14.2	53.9	62.3	63.0	124.4	129.1	124.1
34	Denver	518.1	528.2	526.3	5.5	5.7	5.6	33.8	37.7	38.0	88.9	90.5	86.0
35	CONNECTICUT	1,196.3	1,222.3	1,236.5	(3)	(3)	(3)	60.5	62.1	60.9	405.0	416.5	422.4
36	Bridgeport	144.7	146.3	148.3	(3)	(3)	(3)	5.5	5.9	6.0	61.2	62.3	62.6
37	Hartford	318.5	328.5	332.5	(3)	(3)	(3)	15.1	15.6	15.4	82.7	85.1	86.5
38	New Britain	44.6	44.1	44.5	(3)	(3)	(3)	2.1	2.3	2.2	22.3	22.1	22.0
39	New Haven	161.2	161.2	163.5	(3)	(3)	(3)	8.3	8.7	8.6	40.4	41.6	41.6
40	Stamford	84.0	85.0	85.8	(3)	(3)	(3)	4.1	4.2	4.1	27.6	27.3	27.7
41	Waterbury	81.3	83.5	85.0	(3)	(3)	(3)	4.0	4.2	4.3	36.4	37.0	37.7
42	DELAWARE	233.4	236.0	(*)	(1)	(1)	(*)	16.0	16.8	(*)	74.5	72.1	(*)
43	Wilmington	202.1	204.7	(*)	(1)	(1)	(*)	15.0	15.0	(*)	67.2	66.7	(*)
44	DISTRICT OF COLUMBIA <sup>4</sup>	676.3	697.3	677.9	(1)	(1)	(1)	21.2	20.7	20.8	17.2	17.3	17.5
45	Washington SMSA	1,237.0	1,285.4	1,268.9	(1)	(1)	(1)	84.3	86.4	85.0	43.9	46.0	45.9
46	FLORIDA	2,391.0	2,534.3	2,558.3	9.5	9.4	9.4	209.1	239.8	238.3	333.6	346.5	348.7
47	Fort Lauderdale—Hollywood	199.7	213.4	216.8	(1)	(1)	(1)	25.9	28.0	28.0	23.3	25.6	25.7
48	Jacksonville	203.9	206.7	(*)	(1)	(1)	(*)	13.7	14.5	(*)	24.9	24.8	(*)
49	Miami	551.7	561.9	564.9	(1)	(1)	(1)	36.9	38.1	38.1	83.4	86.7	87.2
50	Orlando	189.5	208.1	206.8	(1)	(1)	(1)	24.3	26.9	26.3	24.8	26.1	26.2
51	Pensacola	76.1	75.9	77.3	(1)	(1)	(1)	7.2	7.1	7.0	14.5	14.3	14.3
52	Tampa—St. Petersburg	356.2	375.4	377.3	(1)	(1)	(1)	31.5	33.2	33.5	56.2	57.5	57.7
53	West Palm Beach	122.5	128.5	131.8	(1)	(1)	(1)	13.5	16.3	16.2	17.9	18.4	18.3
54	GEORGIA	1,681.0	1,719.8	1,722.3	7.2	7.4	7.4	95.7	100.6	99.1	477.7	480.9	480.1
55	Atlanta	656.8	674.8	675.2	(1)	(1)	(1)	41.2	40.9	40.9	112.6	111.3	111.3
56	Augusta	92.4	93.5	94.2	(1)	(1)	(1)	5.9	6.2	6.2	29.8	30.9	30.7
57	Columbus	71.3	72.6	73.1	(1)	(1)	(1)	4.7	4.8	4.8	20.3	21.6	21.5
58	Macon	80.4	80.8	80.6	(1)	(1)	(1)	4.6	5.0	5.0	13.9	13.6	13.6
59	Savannah	68.3	68.4	68.4	(1)	(1)	(1)	4.3	4.2	4.1	15.4	16.0	16.0
60	HAWAII	305.6	322.3	312.6	(1)	(1)	(1)	23.2	25.8	25.8	22.6	28.1	23.5
61	Honolulu	258.0	270.9	262.4	(1)	(1)	(1)	19.8	22.0	21.9	16.1	20.5	16.6

See footnotes at end of table.

**ESTABLISHMENT DATA  
STATE AND AREA EMPLOYMENT**
**for States and selected areas, by industry division**

(In thousands)

Transportation and public utilities			Wholesale and retail trade			Finance, insurance, and real estate			Services			Government			
Sept. 1972	Aug. 1973	Sept. 1973 <sup>P</sup>	Sept. 1972	Aug. 1973	Sept. 1973 <sup>P</sup>	Sept. 1972	Aug. 1973	Sept. 1973 <sup>P</sup>	Sept. 1972	Aug. 1973	Sept. 1973 <sup>P</sup>	Sept. 1972	Aug. 1973	Sept. 1973 <sup>P</sup>	
57.9	61.3	61.5	207.9	214.3	217.0	46.1	48.5	48.4	145.0	147.1	146.5	217.5	222.6	222.2	1
20.5	21.5	21.5	63.9	65.3	65.4	17.7	18.4	18.3	41.0	41.4	41.5	40.1	44.1	41.5	2
1.7	1.7	1.7	12.7	13.1	13.3	2.2	2.3	2.3	16.9	15.9	15.9	31.2	29.6	29.8	3
9.8	9.7	9.8	25.9	26.1	26.0	5.5	5.8	5.8	17.8	19.4	18.6	16.9	17.0	17.6	4
4.2	4.5	(*)	17.0	17.0	(*)	4.6	4.9	(*)	12.4	11.8	(*)	18.9	19.8	(*)	5
1.7	1.8	1.8	6.9	6.9	7.0	1.4	1.4	1.4	4.4	4.1	4.2	15.2	15.5	15.9	6
10.8	11.0	10.9	17.8	18.7	18.4	3.8	4.4	4.3	16.2	17.4	16.8	41.0	42.1	43.0	7
32.6	35.5	35.5	152.3	163.0	164.4	36.3	39.6	39.7	112.6	118.7	117.3	144.3	142.2	150.1	8
18.8	20.3	20.3	96.4	104.0	104.9	27.4	30.0	30.2	66.6	70.4	70.6	70.8	71.0	74.2	9
7.0	7.6	7.6	28.6	29.9	30.5	5.6	6.3	6.3	22.6	23.5	23.6	34.2	33.9	36.3	10
37.2	36.3	36.3	119.8	125.8	125.8	26.1	29.3	28.7	80.9	84.7	84.2	108.1	110.6	106.2	11
2.1	2.3	2.2	6.4	6.6	6.5	.8	.8	.8	3.6	3.6	3.6	7.0	5.7	6.8	12
2.9	3.2	3.1	10.8	11.0	10.9	1.8	1.9	1.9	7.4	7.8	7.8	6.6	6.2	6.8	13
10.1	10.3	10.4	30.0	31.0	31.0	9.9	10.5	10.5	21.9	22.8	22.4	26.7	27.2	26.9	14
3.7	3.7	3.7	4.8	4.8	4.9	1.0	1.1	1.1	3.4	3.5	3.5	5.3	4.9	5.2	15
466.4	471.6	471.7	1,649.9	1,698.4	1,708.6	424.2	446.3	445.4	1,379.4	1,437.3	1,434.8	1,466.4	1,466.6	1,495.2	16
16.0	16.7	16.8	110.4	120.4	121.5	27.0	29.3	29.5	84.5	91.1	89.9	70.6	75.3	74.7	17
6.6	6.9	6.8	22.4	23.7	23.3	4.5	4.5	4.5	15.3	15.8	15.8	28.1	28.1	28.2	18
8.6	8.5	8.5	35.3	37.0	36.6	5.9	6.1	6.1	24.3	25.9	25.8	31.7	30.6	34.5	19
171.8	173.1	173.5	668.7	682.7	687.9	181.9	189.4	189.2	568.4	590.3	589.4	423.1	426.7	432.7	20
3.1	3.1	3.2	14.1	14.7	14.9	1.6	1.6	1.6	11.0	11.5	11.7	11.7	11.7	12.2	21
4.4	4.6	4.6	24.5	25.5	25.5	3.8	3.8	3.8	17.3	18.2	18.4	30.7	30.6	31.0	22
17.9	18.3	18.0	71.5	73.8	74.4	11.6	11.9	11.9	60.5	62.0	62.5	77.6	77.1	79.0	23
17.9	18.2	18.0	63.4	65.0	66.9	12.4	12.9	12.8	43.9	46.7	46.2	111.0	111.7	113.1	24
4.5	4.7	4.7	18.7	19.5	20.0	2.5	2.6	2.6	14.1	14.8	14.7	19.2	19.2	19.8	25
22.2	23.0	23.0	93.7	96.9	97.4	23.8	25.1	24.9	88.6	90.1	90.1	110.5	108.8	114.3	26
129.1	130.1	130.2	277.5	279.4	280.9	105.2	109.5	109.2	236.5	242.5	244.5	268.4	262.5	264.3	27
18.5	18.8	18.7	82.2	85.8	86.4	17.6	19.0	18.9	81.8	85.9	85.8	63.4	65.8	65.7	28
3.4	3.3	3.3	19.8	20.2	20.4	3.7	3.8	3.8	22.0	23.2	23.2	21.1	21.3	21.6	29
3.1	3.3	3.3	14.1	14.6	14.6	4.0	4.1	4.1	10.8	11.2	11.1	14.7	14.5	15.2	30
7.4	7.0	7.1	20.9	21.0	21.2	3.2	3.2	3.2	16.5	17.0	17.0	24.3	24.1	24.1	31
4.2	4.2	4.2	13.4	14.3	14.2	2.1	2.1	2.1	11.8	11.9	12.1	29.7	29.4	29.7	32
55.8	57.9	57.9	193.6	199.1	199.8	43.4	44.4	43.5	137.7	144.6	142.0	194.0	187.6	197.3	33
38.4	40.3	40.5	127.2	129.7	129.9	31.6	32.8	32.5	92.8	95.9	94.3	99.9	95.6	99.5	34
54.7	52.6	55.3	234.3	239.0	244.1	79.3	83.7	83.3	200.7	205.1	204.6	161.9	163.3	165.9	35
6.4	6.3	6.5	28.6	28.6	29.1	5.4	5.6	5.7	21.7	22.3	22.5	16.0	15.4	16.0	36
12.4	12.3	12.9	63.5	65.3	67.5	46.2	49.9	49.5	52.3	53.5	54.3	46.3	46.8	46.5	37
1.4	1.4	1.5	7.1	6.8	7.0	1.3	1.3	1.3	5.6	5.7	5.8	4.9	4.5	4.9	38
13.9	13.6	13.8	32.3	32.2	32.8	8.4	8.9	8.7	36.1	35.4	35.9	21.9	20.8	22.0	39
3.3	3.2	3.4	17.8	18.6	18.6	4.9	5.2	5.2	17.7	17.9	17.8	8.7	8.7	9.0	40
3.3	3.2	3.3	13.5	13.9	14.1	2.4	2.5	2.5	11.9	12.4	12.4	9.8	10.2	10.7	41
10.9	11.1	(*)	48.4	49.5	(*)	10.6	11.1	(*)	39.6	41.3	(*)	33.4	34.1	(*)	42
9.7	9.9	(*)	40.4	41.1	(*)	9.3	9.8	(*)	32.0	33.8	(*)	28.5	28.4	(*)	43
28.7	28.1	27.9	74.9	74.7	74.4	32.4	33.3	33.1	136.6	146.9	135.5	365.3	376.3	368.7	44
60.5	63.4	62.0	241.7	250.5	250.5	73.9	79.5	78.2	269.7	286.0	274.8	463.0	473.6	472.5	45
172.5	182.0	181.5	616.7	662.8	670.4	155.3	167.1	167.1	451.5	482.2	480.8	442.8	444.5	462.1	46
12.2	14.0	14.1	54.9	58.8	58.9	14.5	15.1	15.1	42.0	43.9	43.5	26.9	28.0	31.5	47
20.0	20.4	(*)	55.2	55.5	(*)	21.7	22.9	(*)	34.2	34.7	(*)	34.2	33.9	(*)	48
60.5	60.6	60.4	141.9	145.4	145.6	40.1	40.8	40.6	125.0	128.5	127.2	63.9	61.8	65.8	49
10.3	11.4	11.5	47.5	53.4	53.2	12.1	13.4	13.4	43.8	49.6	47.6	26.7	27.3	28.6	50
4.1	4.0	4.0	16.8	18.0	18.0	3.1	3.2	3.2	11.5	11.5	11.7	18.9	17.8	19.1	51
24.9	26.0	25.9	98.9	107.3	107.9	23.3	24.9	24.9	68.9	73.5	73.9	52.5	53.0	53.5	52
5.7	6.1	6.1	31.9	34.1	34.4	8.2	8.9	9.0	26.7	27.9	28.8	18.6	16.8	19.0	53
111.2	115.1	116.1	363.4	376.0	377.4	85.7	89.7	89.4	219.6	221.9	220.9	320.5	328.2	331.9	54
62.8	68.2	68.5	185.5	190.4	191.2	48.6	50.5	50.3	106.4	108.7	108.3	99.7	104.8	104.7	55
3.8	3.9	3.9	16.9	17.1	17.5	3.2	3.4	3.3	10.5	10.5	10.4	22.3	21.5	22.2	56
2.8	2.9	2.9	13.4	13.7	13.7	4.2	4.6	4.6	9.5	9.6	9.6	16.4	15.4	16.0	57
3.3	3.5	3.6	16.3	16.6	16.5	4.1	4.3	4.2	11.0	10.9	10.9	27.2	26.9	26.8	58
6.8	6.5	7.0	15.6	15.6	15.5	3.4	3.4	3.4	10.7	10.7	10.7	12.1	12.0	11.7	59
24.5	25.0	24.8	73.4	76.6	76.5	19.9	20.5	20.2	65.6	68.0	67.9	76.4	78.3	73.9	60
20.8	21.0	20.9	62.1	64.3	64.2	18.1	18.6	18.3	54.6	56.3	56.4	66.5	68.2	64.1	61

# ESTABLISHMENT DATA STATE AND AREA EMPLOYMENT

## B-7: Employees on nonagricultural payrolls

(In thousands)

	State and area	TOTAL			Mining			Contract construction			Manufacturing		
		Sept. 1972	Aug. 1973	Sept. 1973 <sup>P</sup>	Sept. 1972	Aug. 1973	Sept. 1973 <sup>P</sup>	Sept. 1972	Aug. 1973	Sept. 1973 <sup>P</sup>	Sept. 1972	Aug. 1973	Sept. 1973 <sup>P</sup>
1	IDAHO <sup>2</sup>	242.3	250.6	254.0	3.1	3.2	3.2	16.2	16.1	15.9	45.7	47.9	49.1
2	Boise City <sup>2</sup>	50.5	54.8	55.2	(1)	(1)	(1)	3.5	4.6	4.5	5.4	6.0	6.0
3	ILLINOIS	4,293.0	4,399.9	4,383.3	24.0	23.8	23.8	196.1	204.9	204.1	1,285.8	1,327.9	1,328.9
4	Bloomington-Normal	40.8	42.3	(*)	(3)	(3)	(*)	2.0	1.8	(*)	6.4	7.2	(*)
5	Champaign-Urbana	59.3	59.0	(*)	(3)	(3)	(*)	3.5	3.9	(*)	4.8	6.0	(*)
6	Chicago <sup>5</sup>	2,937.5	3,002.1	(*)	4.5	4.3	(*)	128.4	136.4	(*)	874.9	896.5	(*)
7	Chicago-Northwestern Indiana	3,160.2	3,240.1	(*)	4.6	4.4	(*)	139.3	148.2	(*)	977.4	1,004.1	(*)
8	Davenport-Rock Island-Moline	135.2	138.5	(*)	(3)	(3)	(*)	7.0	8.3	(*)	42.0	43.2	(*)
9	Decatur	50.8	51.8	(*)	(3)	(3)	(*)	2.2	2.8	(*)	20.2	21.4	(*)
10	Peoria	134.2	136.2	137.9	(3)	(3)	(*)	9.1	9.4	9.3	47.5	49.3	50.1
11	Rockford	109.4	108.8	(*)	(3)	(3)	(*)	4.1	4.4	(*)	53.0	51.6	(*)
12	Springfield	72.0	77.8	72.2	(3)	(3)	(3)	4.4	4.3	4.3	9.5	8.9	9.0
13	INDIANA	1,947.2	1,989.1	2,007.3	6.9	7.3	7.2	91.1	98.4	97.2	724.1	753.9	762.4
14	Evansville	91.3	94.7	93.8	1.3	1.4	1.4	4.5	4.6	4.7	32.2	34.5	34.3
15	Fort Wayne	126.2	128.7	129.4	(1)	(1)	(1)	6.4	6.6	6.4	45.0	46.0	45.9
16	Gary-Hammond-East Chicago <sup>5</sup>	222.7	238.1	231.4	(1)	(1)	(1)	10.9	11.8	11.6	102.5	107.7	106.2
17	Indianapolis	434.1	438.1	441.6	(1)	(1)	(1)	21.9	22.0	21.6	123.9	124.6	126.8
18	Muncie	46.2	46.8	48.1	(1)	(1)	(1)	1.7	1.8	1.8	16.1	16.9	17.0
19	South Bend	97.8	99.2	101.8	(1)	(1)	(1)	4.5	4.5	4.4	31.9	31.4	32.9
20	Terre Haute	56.3	54.9	57.4	.9	.9	.9	2.6	2.1	2.2	15.6	16.4	16.8
21	IOWA	952.7	964.4	976.8	3.2	3.2	3.2	48.9	47.1	45.8	229.4	239.2	240.8
22	Cedar Rapids	68.0	69.6	70.2	(1)	(1)	(1)	4.4	4.0	4.0	23.3	24.8	24.9
23	Des Moines	139.5	142.6	141.6	(1)	(1)	(1)	8.1	8.0	7.7	26.2	27.1	27.1
24	Dubuque	36.8	38.3	38.4	(1)	(1)	(1)	1.2	1.2	1.1	15.3	16.2	16.3
25	Sioux City	43.3	44.0	44.3	(1)	(1)	(1)	2.4	2.2	2.3	11.4	12.0	11.9
26	Waterloo	53.6	55.8	55.9	(1)	(1)	(1)	2.4	3.0	2.9	20.4	22.2	21.9
27	KANSAS <sup>2</sup>	730.7	752.6	763.9	9.8	9.8	9.6	36.8	36.8	36.2	147.1	159.3	160.9
28	Topeka <sup>2</sup>	67.4	68.9	68.5	.1	.1	.1	3.1	3.3	3.1	9.5	10.6	10.2
29	Wichita <sup>2</sup>	147.7	157.8	159.7	2.0	1.9	1.9	7.1	8.0	8.0	41.5	47.9	49.0
30	KENTUCKY	1,009.9	1,043.3	1,049.7	32.7	34.1	34.5	61.1	67.7	65.6	269.6	283.5	286.4
31	Lexington	85.8	86.0	88.0	(1)	(1)	(1)	6.1	6.1	6.2	17.0	18.7	19.4
32	Louisville	336.0	362.5	364.1	(1)	(1)	(1)	18.1	21.2	20.8	106.0	115.4	115.5
33	LOUISIANA	1,130.3	1,146.0	1,150.0	53.1	53.0	52.8	85.6	87.6	87.5	181.7	183.4	182.7
34	Baton Rouge	117.3	123.0	124.0	.5	.6	.6	12.9	11.8	11.4	17.2	17.6	17.6
35	Lake Charles	42.4	44.0	44.4	1.1	1.1	1.1	2.9	4.2	4.0	9.4	9.9	9.8
36	Monroe	41.6	42.4	42.4	.4	.4	.4	4.6	4.3	4.3	6.8	7.0	7.0
37	New Orleans	395.9	396.2	399.4	13.8	14.0	13.9	26.7	26.8	27.0	53.6	52.3	52.3
38	Shreveport	100.3	104.5	103.9	3.3	3.3	3.3	6.7	7.2	7.2	18.0	19.3	19.3
39	MAINE	343.9	349.7	345.2	(1)	(1)	(1)	19.2	20.9	20.4	104.5	105.1	104.0
40	Lewiston-Auburn	29.3	29.1	29.1	(1)	(1)	(1)	1.5	1.6	1.5	12.0	11.7	11.5
41	Portland	68.3	70.4	70.0	(1)	(1)	(1)	3.9	4.5	4.4	13.8	14.5	14.3
42	MARYLAND <sup>4</sup>	1,362.6	1,403.2	1,407.9	2.2	2.2	2.2	104.0	109.0	107.9	249.8	258.7	256.4
43	Baltimore	820.0	837.0	841.6	.3	.3	.3	48.5	49.8	49.5	177.9	183.4	182.5
44	MASSACHUSETTS	2,303.9	2,336.1	2,352.5	(1)	(1)	(1)	115.0	119.4	117.6	600.6	620.4	620.9
45	Boston	1,283.0	1,290.9	1,298.0	(1)	(1)	(1)	58.4	61.8	60.9	254.5	255.7	256.2
46	Brockton	53.3	53.9	54.5	-	-	-	2.3	2.3	2.3	15.6	15.3	15.4
47	Fall River	46.6	46.8	47.0	(1)	(1)	(1)	(1)	(1)	(1)	20.5	20.8	21.0
48	Lawrence-Haverhill	81.9	83.5	82.5	(1)	(1)	(1)	2.3	2.2	2.2	36.6	37.3	36.7
49	Lowell	53.2	53.0	53.9	(1)	(1)	(1)	2.9	3.4	3.4	19.8	20.1	20.0
50	New Bedford	56.6	56.4	58.0	(1)	(1)	(1)	1.6	1.6	1.6	25.2	25.8	25.8
51	Springfield-Chicopee-Holyoke	189.5	192.7	193.1	(1)	(1)	(1)	8.9	9.0	9.1	60.1	63.1	63.3
52	Worcester	129.3	133.5	133.9	(1)	(1)	(1)	5.6	5.6	5.6	41.4	44.0	43.6
53	MICHIGAN <sup>6</sup>	3,164.8	3,191.4	3,248.3	12.6	13.6	13.6	141.9	140.9	139.2	1,103.4	1,122.0	1,161.0
54	Ann Arbor <sup>6</sup>	104.0	101.3	109.3	(1)	(1)	(1)	3.0	3.6	3.4	36.3	35.8	39.3
55	Battle Creek <sup>6</sup>	64.1	66.9	67.1	(1)	(1)	(1)	2.0	2.2	2.3	25.6	27.3	27.1
56	Bay City <sup>6</sup>	31.2	32.6	32.7	(1)	(1)	(1)	1.4	1.6	1.5	9.7	10.3	10.6
57	Detroit <sup>6</sup>	1,547.6	1,556.2	1,582.7	.9	.8	.8	64.4	64.2	64.1	558.4	570.1	588.7
58	Flint <sup>6</sup>	172.6	171.1	177.1	(1)	(1)	(1)	6.4	7.4	7.8	76.9	75.6	80.5
59	Grand Rapids <sup>6</sup>	203.7	208.2	211.9	(1)	(1)	(1)	10.5	10.5	10.4	78.5	81.3	83.6
60	Jackson <sup>6</sup>	50.4	52.0	52.3	(1)	(1)	(1)	2.2	2.4	2.4	17.0	17.9	18.0
61	Kalamazoo <sup>6</sup>	75.7	77.4	80.3	(1)	(1)	(1)	3.4	3.6	3.6	26.8	28.8	29.3
62	Lansing-East Lansing <sup>6</sup>	139.9	138.1	142.3	(1)	(1)	(1)	6.4	6.8	6.5	38.6	34.9	40.3
63	Muskegon-Muskegon Heights <sup>6</sup>	52.0	52.5	53.3	(1)	(1)	(1)	2.3	2.4	2.2	22.2	22.5	22.9
64	Saginaw <sup>6</sup>	79.2	79.6	81.7	(1)	(1)	(1)	4.5	3.5	3.5	33.5	34.1	34.8

See footnotes at end of table.

ESTABLISHMENT DATA  
STATE AND AREA EMPLOYMENT

for States and selected areas, by industry division--Continued

(In thousands)

Transportation and public utilities			Wholesale and retail trade			Finance, insurance, and real estate			Services			Government			
Sept. 1972	Aug. 1973	Sept. 1973 <sup>p</sup>	Sept. 1972	Aug. 1973	Sept. 1973 <sup>p</sup>	Sept. 1972	Aug. 1973	Sept. 1973 <sup>p</sup>	Sept. 1972	Aug. 1973	Sept. 1973 <sup>p</sup>	Sept. 1972	Aug. 1973	Sept. 1973 <sup>p</sup>	
15.2	15.8	15.9	58.4	61.2	62.5	9.4	10.2	10.2	38.3	40.2	40.5	56.0	56.0	56.7	1
3.5	3.6	3.6	13.3	14.1	14.0	3.4	3.7	3.8	8.7	9.5	9.7	12.7	13.3	13.6	2
282.7	283.4	283.2	936.5	940.6	946.5	239.8	248.0	245.2	694.4	718.1	708.8	633.6	653.2	642.9	3
3.0	3.1	(*)	9.5	10.0	(*)	5.5	5.9	(*)	7.1	7.0	(*)	7.2	7.2	(*)	4
2.5	2.6	(*)	12.8	12.4	(*)	1.6	1.6	(*)	8.5	8.4	(*)	25.7	24.0	(*)	5
203.1	203.5	(*)	662.2	667.0	(*)	187.4	193.0	(*)	510.1	522.5	(*)	367.1	378.9	(*)	6
216.9	217.8	(*)	700.3	706.1	(*)	193.7	199.5	(*)	534.9	547.7	(*)	393.3	412.4	(*)	7
7.2	7.2	(*)	31.6	32.5	(*)	5.8	5.8	(*)	19.8	19.6	(*)	21.7	21.8	(*)	8
4.4	4.4	(*)	9.4	9.5	(*)	2.0	2.1	(*)	7.5	7.4	(*)	5.1	4.3	(*)	9
7.3	7.3	(*)	28.6	28.8	(*)	29.2	29.2	(*)	20.2	20.5	(*)	16.1	15.2	(*)	10
3.8	3.8	(*)	21.1	21.7	(*)	3.4	3.6	(*)	14.3	14.6	(*)	9.6	9.0	(*)	11
4.3	4.3	4.3	14.6	17.1	14.6	5.6	6.3	6.2	12.8	14.9	13.0	20.9	22.0	20.8	12
101.3	101.0	100.7	391.4	400.5	404.9	81.8	84.4	83.7	244.7	248.8	247.0	305.9	294.8	304.2	13
5.4	5.4	5.4	20.2	20.4	20.5	3.1	3.2	3.2	15.9	15.9	15.6	8.7	9.3	8.7	14
9.2	9.1	9.0	28.5	29.4	30.1	6.9	7.3	7.2	17.4	18.1	18.1	12.8	12.2	12.7	15
13.8	14.3	14.2	38.1	39.1	39.4	6.3	6.5	6.5	24.9	25.2	26.2	26.2	33.5	27.3	16
28.0	27.7	27.5	97.6	99.5	100.3	30.2	31.4	31.2	59.0	60.1	60.5	73.5	72.8	73.7	17
2.3	2.4	2.4	10.0	10.5	10.7	1.5	1.5	1.5	5.7	5.9	5.9	8.9	7.8	8.8	18
4.7	4.8	4.9	21.3	22.9	23.2	5.3	5.3	5.2	19.1	18.9	19.4	11.0	11.4	11.8	19
4.0	3.6	3.6	12.9	13.0	13.1	1.8	1.8	1.8	7.4	7.8	7.8	11.1	9.3	11.2	20
54.1	55.5	55.2	232.3	238.9	240.3	44.8	47.6	47.2	162.8	164.4	165.9	177.2	168.3	178.5	21
3.6	3.7	3.6	14.3	14.6	14.8	3.1	3.3	3.2	10.8	10.9	11.1	8.5	8.3	8.7	22
10.1	10.8	10.8	33.1	33.2	32.8	15.8	16.6	16.5	26.2	26.9	26.5	20.0	20.1	20.1	23
1.6	1.6	1.6	7.2	7.4	7.4	1.0	1.0	1.0	7.3	8.0	7.9	3.1	2.9	3.0	24
3.2	3.2	3.1	11.3	11.7	11.9	2.1	2.1	2.1	7.5	7.6	7.7	5.4	5.2	5.4	25
2.4	2.5	2.4	11.0	10.9	11.0	1.5	1.5	1.5	7.6	8.4	8.2	8.3	7.3	8.1	26
52.6	54.5	54.6	175.2	179.5	180.4	32.7	34.0	33.9	111.6	117.7	117.7	164.9	161.0	170.6	27
7.0	7.1	7.0	15.0	15.0	15.1	4.5	4.6	4.5	11.5	11.8	12.0	16.9	16.6	16.7	28
8.0	8.4	8.4	33.9	34.8	34.8	7.3	7.5	7.4	26.6	28.4	28.6	21.4	21.1	21.8	29
62.8	63.7	63.7	204.1	208.2	208.3	39.2	41.2	41.0	149.0	152.8	154.2	191.4	192.1	196.0	30
4.7	3.8	3.8	18.4	17.2	17.4	3.9	4.3	4.4	13.3	13.4	13.4	22.4	22.5	23.4	31
23.7	24.3	23.9	73.2	78.1	78.9	18.3	19.8	19.7	50.7	57.2	57.4	46.1	46.6	47.9	32
94.9	98.9	98.7	264.8	266.4	266.4	53.1	54.7	54.6	167.6	172.2	170.4	229.5	229.8	236.9	33
5.4	5.6	5.7	25.5	27.2	27.0	7.1	9.3	9.4	16.5	19.6	20.1	32.2	31.3	32.2	34
3.1	2.9	3.1	10.0	10.0	10.0	1.7	1.7	1.7	6.6	6.7	6.9	7.6	7.5	7.8	35
2.3	2.5	2.5	11.1	11.6	11.6	2.7	2.9	2.9	6.1	6.1	6.0	7.6	7.6	7.7	36
41.6	43.6	43.5	97.5	98.7	98.5	24.1	24.7	24.6	75.2	73.5	76.5	63.4	62.6	63.1	37
9.4	9.7	9.5	25.1	26.0	26.0	4.9	5.0	5.0	16.8	17.2	17.0	16.1	16.8	16.6	38
17.7	17.9	17.4	69.9	71.1	70.3	12.7	13.1	12.9	51.0	53.1	51.4	68.9	68.5	68.8	39
1.0	.9	1.0	6.2	6.2	6.3	.8	.9	.9	5.2	5.3	5.3	2.6	2.5	2.6	40
5.2	5.6	5.5	18.0	17.9	17.9	5.8	6.2	6.2	12.9	13.2	13.0	8.7	8.5	8.7	41
79.7	80.5	80.4	332.1	343.3	345.8	75.5	79.7	78.7	261.3	271.6	271.2	258.0	258.2	265.3	42
54.5	54.4	54.5	183.9	187.5	189.4	45.8	47.6	47.3	146.8	151.8	152.3	162.3	162.2	165.8	43
121.6	121.5	124.5	518.5	523.0	528.8	132.4	130.5	128.9	483.7	485.7	495.0	332.1	335.6	336.8	44
74.7	75.0	76.2	298.6	290.7	297.9	93.7	95.4	94.3	329.3	334.3	339.2	173.8	178.0	173.3	45
4.0	4.3	4.3	13.0	13.1	13.5	1.6	1.7	1.7	7.8	8.0	8.0	9.0	9.2	9.3	46
2.0	2.1	2.1	10.0	9.6	9.7	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	9.4	9.3	9.2	4.7	5.0	5.0	47
3.0	3.4	3.4	15.0	14.7	15.0	2.4	2.5	2.4	11.1	11.6	11.4	11.5	11.8	11.4	48
2.3	2.1	2.2	11.4	10.8	11.4	1.5	1.5	1.5	8.5	8.3	8.6	6.8	6.8	6.8	49
3.3	3.2	3.2	11.2	11.3	11.8	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	10.0	9.5	10.2	5.3	5.0	5.4	50
9.1	8.5	8.8	39.3	37.3	38.0	9.6	10.0	9.8	35.9	37.0	37.1	26.6	27.8	27.0	51
7.1	7.2	7.4	27.1	27.2	28.0	6.9	7.5	7.3	24.3	24.6	25.0	16.9	17.4	17.0	52
149.3	152.2	153.7	641.1	645.0	650.3	126.0	129.2	127.8	473.9	481.3	484.1	516.5	507.0	518.7	53
2.1	2.0	1.9	14.3	14.0	14.1	2.6	2.7	2.7	10.1	10.9	11.1	35.6	32.4	37.0	54
2.5	2.5	2.5	10.1	10.3	10.4	3.7	3.8	3.8	9.0	9.2	9.3	11.2	11.5	11.7	55
1.9	2.0	2.0	7.7	8.7	8.7	.8	.9	.8	4.6	4.3	4.3	4.9	4.8	4.9	56
79.1	78.2	78.6	308.5	317.6	321.8	70.2	70.9	69.8	249.4	256.8	259.0	216.5	197.8	199.8	57
4.8	5.1	5.6	34.5	34.2	34.2	5.0	5.2	5.1	19.6	20.4	20.5	25.5	23.3	23.4	58
9.2	9.3	9.3	45.3	46.0	47.0	7.8	8.2	8.0	30.4	30.8	30.9	22.1	22.2	22.7	59
4.2	4.2	4.2	9.8	10.0	10.1	1.5	1.4	1.4	7.6	7.9	8.0	8.1	8.1	8.2	60
2.6	2.5	2.5	15.2	16.4	16.4	2.5	2.6	2.6	11.1	11.6	11.6	14.1	12.0	14.5	61
3.5	3.7	3.7	26.3	26.9	27.3	6.0	6.3	6.3	17.7	18.1	18.2	41.3	41.5	40.1	62
3.2	3.3	3.3	9.5	9.8	9.8	1.4	1.4	1.4	6.3	6.5	6.5	7.2	6.7	7.2	63
3.6	3.7	3.7	15.8	16.7	16.7	2.9	3.0	2.9	9.5	10.2	10.2	9.5	8.5	9.9	64



**ESTABLISHMENT DATA  
STATE AND AREA EMPLOYMENT**

**B-7: Employees on nonagricultural payrolls**

(In thousands)

	State and area	TOTAL			Mining			Contract construction			Manufacturing		
		Sept. 1972	Aug. 1973	Sept. 1973 <sup>P</sup>	Sept. 1972	Aug. 1973	Sept. 1973 <sup>P</sup>	Sept. 1972	Aug. 1973	Sept. 1973 <sup>P</sup>	Sept. 1972	Aug. 1973	Sept. 1973 <sup>P</sup>
1	MINNESOTA	1,383.2	1,434.4	1,448.5	14.3	15.2	15.2	73.3	71.2	71.9	324.6	337.6	342.8
2	Duluth-Superior	56.5	56.5	56.4	(1)	(1)	(1)	2.6	2.3	2.4	8.4	7.7	7.7
3	Minneapolis-St. Paul	799.5	827.1	836.3	(1)	(1)	(1)	40.3	37.7	38.5	198.6	208.7	210.1
4	MISSISSIPPI	639.6	653.2	663.0	6.2	6.0	6.0	37.4	39.3	38.1	207.5	212.8	213.2
5	Jackson	103.1	105.4	107.6	.7	.7	.7	7.5	8.6	7.6	15.4	16.4	16.7
6	MISSOURI <sup>2</sup>	1,725.6	1,756.8	1,774.9	8.2	8.1	8.1	75.6	83.4	81.7	446.9	456.6	454.0
7	Kansas City	526.8	531.8	539.7	.5	.5	.5	31.3	32.7	33.4	118.8	116.4	119.0
8	St. Joseph	33.3	32.0	32.2	(3)	(3)	(3)	2.2	1.8	1.8	9.4	9.0	8.6
9	St. Louis	879.3	873.2	875.1	2.7	2.6	2.6	30.6	33.3	32.7	258.5	260.9	258.0
10	Springfield	61.9	64.5	65.6	.1	.1	.1	3.3	4.4	4.2	16.9	17.9	18.0
11	MONTANA	215.7	224.7	222.8	6.1	6.6	6.4	11.0	13.1	12.8	24.9	25.9	25.8
12	Billings	33.3	35.0	34.8	(1)	(1)	(1)	2.3	2.6	2.3	3.7	3.9	4.0
13	Great Falls	26.3	27.5	27.9	(1)	(1)	(1)	1.8	1.9	1.9	2.3	2.4	2.4
14	NEBRASKA	522.6	527.8	535.6	1.8	1.8	1.7	30.6	34.1	33.1	88.4	89.3	89.0
15	Lincoln	80.7	79.7	83.2	-	-	-	4.6	4.5	4.4	12.3	12.9	12.9
16	Omaha	224.8	230.5	232.8	(3)	(3)	(3)	12.3	14.2	14.2	39.4	40.3	40.7
17	NEVADA <sup>2</sup>	230.9	252.1	251.4	3.5	3.8	3.7	15.1	18.7	18.7	10.1	11.6	11.5
18	Las Vegas <sup>2</sup>	122.2	134.3	134.3	.1	.1	.1	7.5	10.0	10.1	4.3	4.9	4.8
19	Reno <sup>2</sup>	67.1	72.1	72.6	.2	.2	.2	5.4	5.8	5.8	4.0	4.6	4.7
20	NEW HAMPSHIRE	283.1	306.0	298.3	.4	.4	.4	15.6	17.4	17.0	92.1	97.1	96.1
21	Manchester	50.9	52.2	52.4	(1)	(1)	(1)	2.3	2.4	2.3	16.9	17.2	17.1
22	NEW JERSEY	2,688.9	2,752.9	2,745.1	3.4	3.2	3.2	129.0	137.7	135.7	821.5	822.3	823.2
23	Atlantic City	68.9	73.6	69.8	-	-	-	3.4	3.4	3.4	9.7	10.6	10.3
24	Camden <sup>7</sup>	276.6	284.1	286.2	.1	.1	.1	17.5	19.3	19.2	68.7	68.5	68.4
25	Jersey City <sup>8</sup>	247.8	245.4	245.5	-	-	-	5.1	5.3	5.3	98.5	95.1	94.7
26	Long Branch-Asbury Park	130.3	136.0	132.6	.1	.1	.1	7.7	8.3	8.1	22.2	23.4	23.1
27	Newark <sup>8</sup>	786.4	799.8	799.8	.6	.6	.6	33.0	35.6	35.3	228.9	233.8	233.9
28	Paterson-Clifton-Passaic <sup>8</sup>	522.9	528.2	529.0	.2	.2	.1	24.2	24.6	23.9	184.5	182.0	183.0
29	Perth Amboy <sup>8</sup>	292.8	303.2	305.5	.8	.7	.8	13.4	14.6	14.8	110.1	113.5	113.8
30	Trenton	143.0	145.9	146.4	(1)	(1)	(1)	3.6	3.9	3.9	39.7	39.8	39.9
31	Vineland-Millville-Bridgeton	53.0	52.8	53.2	(1)	(1)	(1)	2.1	2.6	2.5	22.5	22.1	22.3
32	NEW MEXICO	334.5	354.1	355.0	16.4	16.3	16.2	25.6	27.8	27.8	26.7	29.4	29.4
33	Albuquerque	131.8	139.1	141.2	(1)	(1)	(1)	12.5	13.5	13.2	12.6	14.2	14.3
34	NEW YORK	7,036.5	7,113.8	(*)	7.5	7.6	(*)	292.9	287.4	(*)	1,626.6	1,634.5	(*)
35	Albany-Schenectady-Troy	287.7	293.4	292.7	(1)	(1)	(1)	18.9	19.7	19.4	58.7	57.7	58.1
36	Binghamton	105.7	107.4	109.9	(1)	(1)	(1)	5.4	6.1	6.1	38.6	39.1	38.9
37	Buffalo	492.1	500.2	501.4	(1)	(1)	(1)	23.7	23.9	24.1	155.0	159.9	159.4
38	Elmira	38.8	39.6	40.0	(1)	(1)	(1)	2.7	3.2	3.1	14.1	14.3	14.4
39	Monroe County <sup>9</sup>	307.1	315.5	317.2	(1)	(1)	(1)	15.1	15.4	16.0	125.1	133.0	131.0
40	Nassau-Suffolk <sup>10</sup>	748.8	782.9	785.7	(1)	(1)	(1)	39.4	48.4	47.3	143.4	145.8	145.4
41	New York-Northeastern New Jersey	6,502.9	6,582.4	(*)	3.8	3.8	(*)	244.4	259.1	(*)	1,535.8	1,519.2	(*)
42	New York and Nassau-Suffolk <sup>8</sup>	4,653.1	4,707.6	(*)	2.2	2.1	(*)	168.9	179.1	(*)	913.8	896.2	(*)
43	New York SMSA <sup>10</sup>	3,904.3	3,923.8	(*)	2.1	2.0	(*)	129.4	130.7	(*)	770.4	750.4	(*)
44	New York City <sup>11</sup>	3,528.7	3,543.3	(*)	1.6	1.6	(*)	106.0	108.0	(*)	688.2	669.8	(*)
45	Poughkeepsie	79.7	84.1	83.2	(1)	(1)	(1)	3.3	3.4	3.3	27.2	28.7	28.3
46	Rochester	350.2	359.7	361.8	(1)	(1)	(1)	16.0	16.9	17.6	140.2	148.4	146.8
47	Rockland County <sup>11</sup>	70.2	74.2	73.7	(1)	(1)	(1)	5.6	6.4	6.2	14.0	13.7	13.8
48	Syracuse	235.1	239.4	245.7	(1)	(1)	(1)	14.4	15.6	15.5	58.2	61.6	61.9
49	Utica-Rome	110.2	113.8	113.4	(1)	(1)	(1)	3.9	4.3	4.5	34.4	34.7	34.9
50	Westchester County <sup>11</sup>	305.3	307.0	307.1	(1)	(1)	(1)	17.9	16.3	16.0	68.3	66.9	67.4
51	NORTH CAROLINA	1,924.7	1,953.9	1,976.9	3.9	4.2	4.2	116.6	126.8	123.8	762.0	772.2	769.4
52	Asheville	-	-	-	-	-	-	-	-	-	21.6	22.0	21.9
53	Charlotte	197.2	202.8	202.8	(1)	(1)	(1)	15.0	15.5	15.3	44.0	44.9	45.0
54	Greensboro-Winston-Salem-High Point	283.4	284.2	288.4	(1)	(1)	(1)	14.3	14.4	14.2	115.3	116.3	115.2
55	Raleigh	-	-	-	-	-	-	-	-	-	15.5	16.8	17.0
56	NORTH DAKOTA	182.7	184.1	187.8	1.8	1.7	1.6	14.8	13.9	13.2	10.8	11.6	12.0
57	Fargo-Moorhead	45.0	45.2	46.8	.1	.1	.1	3.2	3.7	3.7	3.2	3.2	3.5
58	OHIO	3,985.0	4,058.6	4,104.5	23.8	23.6	23.4	174.8	180.6	181.6	1,374.3	1,408.2	1,434.5
59	Akron	248.9	248.4	253.4	.3	.2	.2	8.7	8.9	8.8	91.8	88.7	91.9
60	Canton	139.0	146.1	145.8	.5	.4	.4	5.5	5.8	5.7	57.4	61.6	61.3
61	Cincinnati	516.5	536.8	540.0	.5	.4	.4	26.4	27.1	27.2	157.8	166.9	168.4

See footnotes at end of table.

ESTABLISHMENT DATA  
STATE AND AREA EMPLOYMENT

for States and selected areas, by industry division--Continued

(In thousands)

Transportation and public utilities			Wholesale and retail trade			Finance, insurance, and real estate			Services			Government			
Sept. 1972	Aug. 1973	Sept. 1973 <sup>P</sup>	Sept. 1972	Aug. 1973	Sept. 1973 <sup>P</sup>	Sept. 1972	Aug. 1973	Sept. 1973 <sup>P</sup>	Sept. 1972	Aug. 1973	Sept. 1973 <sup>P</sup>	Sept. 1972	Aug. 1973	Sept. 1973 <sup>P</sup>	
86.0	90.5	91.9	338.6	347.2	349.5	67.7	70.5	70.6	241.7	254.1	256.6	237.1	248.2	250.1	1
7.5	7.1	7.1	13.6	14.4	14.7	1.9	2.0	2.0	11.8	11.9	11.9	10.7	11.0	10.7	2
53.3	57.6	58.1	199.8	201.6	203.9	50.9	52.8	52.8	146.6	154.6	156.1	110.0	114.2	116.7	3
33.3	34.4	34.5	120.7	130.4	131.1	23.2	23.9	23.9	71.6	73.8	73.6	139.8	132.5	142.7	4
7.1	7.2	7.2	23.7	25.0	25.1	7.9	8.2	8.2	18.3	17.2	19.2	22.5	22.0	23.0	5
125.3	125.7	127.2	399.1	401.5	403.9	94.4	97.0	96.0	282.1	290.7	293.2	294.0	293.8	310.8	6
49.5	49.9	50.3	129.8	132.2	133.0	33.8	34.3	34.1	85.5	88.3	88.2	77.6	77.5	81.2	7
2.0	1.7	2.0	8.2	8.2	8.2	1.4	1.4	1.4	5.1	5.2	5.1	5.0	4.7	5.1	8
63.6	64.1	64.6	192.2	187.0	189.1	46.9	47.2	46.7	156.6	154.5	155.2	128.2	123.6	126.2	9
4.5	4.5	4.4	16.1	17.3	17.5	2.4	2.3	2.3	10.6	10.7	11.0	8.0	7.3	8.1	10
18.3	18.9	18.8	53.3	57.1	56.2	9.0	9.1	9.1	37.9	39.2	38.5	55.2	54.8	55.2	11
3.3	3.5	3.5	10.3	10.7	10.8	1.8	1.8	1.8	6.5	6.9	6.9	5.4	5.6	5.5	12
2.3	2.4	2.4	7.5	7.9	7.9	1.7	1.8	1.8	5.0	5.4	5.3	5.7	5.7	6.2	13
37.8	39.2	39.2	132.5	133.0	135.6	30.3	31.9	31.9	92.2	93.7	95.2	109.0	104.8	110.0	14
5.1	5.1	5.0	17.4	17.1	17.7	5.5	5.6	5.6	13.5	13.4	13.8	22.2	21.1	23.8	15
21.3	21.7	21.6	56.2	56.5	57.2	17.4	18.2	18.2	42.2	43.7	43.8	35.9	35.9	37.1	16
14.3	16.5	16.3	44.9	49.1	49.1	10.5	10.8	10.7	92.4	101.4	99.8	40.1	40.2	41.6	17
7.1	8.6	8.5	23.3	25.7	25.9	5.8	5.7	5.7	56.8	61.2	61.0	17.3	18.1	18.2	18
5.1	5.8	5.7	14.8	16.0	16.0	3.7	4.0	4.0	22.7	24.7	24.2	11.2	11.0	12.0	19
12.1	12.4	12.6	57.1	61.3	61.2	12.2	13.2	13.2	51.8	62.4	54.1	41.8	41.8	43.7	20
3.6	3.6	3.6	11.3	11.6	11.8	3.3	3.6	3.6	9.1	9.3	9.4	4.4	4.5	4.6	21
183.2	181.6	184.8	582.2	604.9	602.5	125.6	131.5	129.5	443.1	458.1	450.9	400.9	413.6	415.3	22
3.8	4.0	4.0	19.7	22.3	20.3	3.3	3.3	3.3	17.4	17.7	16.6	11.6	12.3	11.9	23
15.0	14.4	14.8	70.6	73.2	74.2	11.3	12.8	12.5	44.8	46.7	47.1	48.6	49.1	49.9	24
33.3	33.0	33.0	43.0	41.5	42.0	8.3	8.6	8.4	29.4	29.5	29.7	30.2	32.4	32.4	25
6.2	6.0	6.0	31.2	34.8	33.2	4.5	4.7	4.7	29.5	30.5	28.7	28.9	28.2	28.7	26
61.4	60.6	60.8	155.9	154.9	156.5	55.1	55.3	54.7	140.2	143.4	142.8	111.3	115.6	115.2	27
27.0	27.4	27.3	130.4	133.3	135.8	21.4	22.9	22.5	81.2	81.3	81.5	54.0	56.5	54.9	28
16.0	15.1	15.6	63.0	65.5	67.2	7.3	8.4	8.3	35.5	37.2	36.6	46.7	48.2	48.4	29
5.8	5.7	5.9	21.8	21.6	22.1	5.5	5.5	5.6	32.2	33.9	33.9	34.4	35.5	35.1	30
3.3	3.3	3.4	8.5	8.5	8.5	2.3	2.3	2.3	6.3	6.0	6.1	8.0	8.0	8.1	31
21.5	22.5	23.3	73.8	78.6	78.3	14.7	15.8	15.8	59.6	67.2	64.5	96.2	96.5	99.7	32
7.9	8.6	8.8	32.4	34.3	34.6	7.4	7.9	7.9	28.8	30.3	30.5	30.2	30.3	31.9	33
478.8	468.8	(*)	1,436.8	1,430.0	(*)	597.7	598.7	(*)	1,400.9	1,429.3	(*)	1,195.4	1,257.5	(*)	34
16.7	17.4	17.5	58.1	59.2	58.5	12.2	12.8	12.5	49.8	52.1	51.5	73.2	74.5	75.2	35
4.6	4.6	4.7	19.0	19.4	19.6	3.3	3.4	3.4	13.2	14.2	13.9	21.6	20.4	23.4	36
30.8	31.2	30.9	102.3	103.8	103.7	19.8	20.4	20.2	82.5	84.6	85.2	78.0	76.4	77.9	37
1.5	1.5	1.5	7.6	7.6	7.7	1.0	1.1	1.1	5.6	6.0	5.8	6.3	5.9	6.4	38
11.3	11.3	11.2	55.5	55.3	55.7	12.0	12.9	12.7	54.4	55.0	55.8	33.8	32.8	34.8	39
36.9	36.4	38.5	202.2	207.9	211.3	39.4	42.3	41.9	144.3	155.2	151.8	143.2	146.9	149.3	40
496.8	490.4	(*)	1,365.1	1,354.4	(*)	597.0	599.7	(*)	1,279.2	1,293.8	(*)	980.8	1,062.0	(*)	41
359.1	354.6	(*)	972.8	959.3	(*)	504.9	504.4	(*)	992.8	1,002.5	(*)	738.5	809.4	(*)	42
322.3	318.2	(*)	770.6	751.3	(*)	465.5	462.1	(*)	848.6	847.5	(*)	595.3	661.6	(*)	43
299.4	294.5	(*)	686.1	669.0	(*)	448.0	443.7	(*)	768.1	763.5	(*)	531.4	593.1	(*)	44
2.8	2.8	2.8	13.4	13.8	14.0	2.4	2.6	2.5	13.1	14.0	13.5	17.5	18.9	19.0	45
12.9	13.0	13.0	63.2	63.1	63.5	12.8	13.7	13.5	59.5	60.1	60.8	45.5	44.4	46.7	46
3.7	3.7	3.7	14.2	15.3	15.3	2.3	2.7	2.5	12.4	13.4	12.5	18.0	19.1	19.8	47
14.7	15.3	15.0	51.1	51.7	52.2	13.1	13.9	14.2	41.5	41.2	43.8	42.1	40.1	43.1	48
5.1	5.0	5.0	18.9	20.9	20.9	4.9	5.2	5.2	16.1	17.0	16.9	26.9	26.8	26.1	49
19.1	20.0	20.4	70.3	67.4	68.3	15.2	15.7	15.4	68.6	71.2	69.1	46.0	49.5	50.5	50
99.7	104.7	104.5	348.6	354.3	356.9	80.9	87.5	86.5	238.2	250.1	250.4	274.8	254.1	281.2	51
20.6	21.1	21.2	52.2	53.6	53.3	15.2	16.2	16.1	28.1	29.2	28.9	22.1	22.3	23.0	52
17.3	18.3	18.2	52.9	53.3	53.7	14.0	14.6	14.6	37.8	39.1	39.4	31.8	28.2	33.1	53
12.6	12.7	12.8	50.1	53.8	53.8	7.4	7.8	7.7	35.1	36.2	36.5	50.2	46.5	50.1	54
3.2	3.3	3.3	13.6	14.0	14.2	2.5	2.7	2.7	9.2	9.6	9.7	10.0	8.7	9.8	55
227.2	222.0	223.3	821.9	837.9	845.6	169.5	177.6	176.8	628.4	647.1	648.8	565.1	561.5	570.5	58
15.7	16.0	16.2	51.8	52.6	53.1	8.7	9.0	8.9	38.3	40.1	40.0	33.7	32.8	34.3	59
7.0	7.0	7.0	28.0	28.7	28.8	4.8	5.1	5.1	22.1	23.3	23.3	13.7	14.2	14.2	60
34.4	34.7	34.9	112.0	114.4	115.3	27.4	28.7	28.5	88.9	93.6	93.0	69.1	70.9	72.3	61

**ESTABLISHMENT DATA  
STATE AND AREA EMPLOYMENT**

**B.7: Employees on nonagricultural payrolls**

(In thousands)

	State and area	TOTAL			Mining			Contract construction			Manufacturing		
		Sept. 1972	Aug. 1973	Sept. 1973 <sup>p</sup>	Sept. 1972	Aug. 1973	Sept. 1973 <sup>p</sup>	Sept. 1972	Aug. 1973	Sept. 1973 <sup>p</sup>	Sept. 1972	Aug. 1973	Sept. 1973 <sup>p</sup>
1	OHIO—Continued												
2	Cleveland	844.0	854.4	864.8	1.5	1.2	1.2	31.3	31.8	31.6	276.8	284.8	288.3
3	Columbus	408.4	417.5	419.3	.9	.8	.8	23.4	23.7	23.9	88.4	90.5	90.4
4	Dayton	329.4	328.1	334.0	.5	.5	.5	13.6	14.5	14.7	118.2	114.4	116.9
5	Toledo	251.0	254.2	258.4	.4	.4	.4	11.0	11.1	11.1	82.5	82.1	84.8
6	Youngstown—Warren	206.0	208.7	215.6	.3	.3	.3	8.2	8.4	8.5	91.1	88.6	97.0
7	OKLAHOMA	812.1	830.5	835.1	37.1	38.0	37.3	41.8	48.3	46.2	141.8	147.3	146.1
8	Oklahoma City	280.3	284.3	(*)	7.0	7.0	(*)	17.3	19.4	(*)	40.1	40.7	(*)
9	Tulsa	189.5	195.8	(*)	13.1	12.9	(*)	11.1	12.5	(*)	40.8	43.2	(*)
10	OREGON	804.9	828.6	(*)	1.9	1.5	(*)	42.6	41.7	(*)	198.6	208.1	(*)
11	Eugene—Springfield	80.9	81.3	(*)	(1)	(1)	(*)	4.2	4.0	(*)	22.3	23.3	(*)
12	Portland	416.0	431.6	437.7	(1)	(1)	(1)	23.6	22.4	24.9	91.9	97.7	97.2
13	Salem	65.5	70.0	69.5	(1)	(1)	(1)	3.5	3.5	3.6	15.9	19.2	17.8
14	PENNSYLVANIA	4,406.1	4,476.4	4,461.2	40.6	40.8	40.5	226.6	227.1	224.5	1,445.6	1,492.5	1,484.9
15	Allentown—Bethlehem—Easton	226.4	235.6	234.0	.6	.6	.6	10.8	11.6	11.5	100.7	104.8	103.8
16	Altoona	49.0	49.9	49.7	(1)	(1)	(1)	2.5	2.5	2.5	15.2	15.3	15.1
17	Delaware Valley <sup>1 2</sup>	1,527.3	1,538.2	1,534.7	1.2	1.3	1.2	83.4	82.9	82.8	432.0	437.4	435.2
18	Erie	106.6	110.0	110.0	(1)	(1)	(1)	4.7	4.7	4.4	45.4	47.7	46.9
19	Harrisburg	190.7	196.9	197.0	(1)	(1)	(1)	10.3	9.3	9.1	40.6	42.5	42.4
20	Johnstown	82.0	83.1	83.5	6.5	6.6	6.6	4.0	3.6	3.6	23.5	24.2	24.1
21	Lancaster	131.4	138.5	137.4	(1)	(1)	(1)	8.0	9.2	8.8	55.5	58.5	57.7
22	Philadelphia SMSA	1,804.2	1,822.6	1,821.3	1.3	1.4	1.4	100.9	102.2	102.0	500.9	506.0	503.9
23	Philadelphia City <sup>1 3</sup>	871.4	876.9	(*)	-	-	-	34.7	33.2	(*)	212.7	212.6	(*)
24	Pittsburgh	868.1	873.9	876.1	10.3	10.2	10.0	45.4	42.6	42.3	260.3	267.5	269.4
25	Reading	126.1	128.8	129.0	(1)	(1)	(1)	5.1	4.8	4.9	52.7	54.7	54.5
26	Scranton	88.7	89.3	89.1	.3	.3	.3	3.4	3.5	3.4	32.7	32.3	32.1
27	Wilkes-Barre—Hazleton	124.9	130.3	129.7	1.6	1.6	1.6	8.1	7.5	7.3	49.3	51.4	50.6
28	Williamsport	44.2	46.0	45.4	(1)	(1)	(1)	1.8	2.8	2.7	18.9	18.8	18.6
29	York	138.1	138.9	139.1	(1)	(1)	(1)	10.2	8.9	8.7	59.8	61.6	61.0
30	RHODE ISLAND	361.9	364.9	358.8	(1)	(1)	(1)	17.0	16.9	16.9	121.3	122.6	121.8
31	Providence—Warwick—Pawtucket	374.9	378.7	372.5	(1)	(1)	(1)	17.1	17.0	17.0	136.7	138.3	137.3
32	SOUTH CAROLINA	934.0	979.8	981.5	1.7	1.8	1.7	63.8	71.8	70.4	356.0	371.5	369.8
33	Charleston	92.8	92.4	92.5	(1)	(1)	(1)	6.7	6.6	6.5	13.1	12.6	12.7
34	Columbia	129.4	133.8	135.2	(1)	(1)	(1)	9.9	10.3	10.0	22.6	24.8	24.6
35	Greenville	137.3	142.1	(*)	(1)	(1)	(*)	10.4	10.6	(*)	59.7	63.4	(*)
36	SOUTH DAKOTA	192.6	202.0	200.7	2.2	2.4	2.4	10.2	12.1	11.6	18.1	19.4	18.9
37	Rapid City	21.5	21.7	21.4	.1	.1	.1	1.5	1.7	1.6	2.4	2.2	2.2
38	Sioux Falls	38.7	40.1	39.6	(1)	(1)	(1)	2.1	2.1	2.0	6.2	6.5	5.9
39	TENNESSEE	1,479.4	1,517.5	1,520.2	7.5	7.3	7.7	82.0	81.5	81.6	498.8	508.5	507.4
40	Chattanooga	138.2	139.0	138.6	.3	.3	.3	6.3	5.6	5.4	53.9	54.7	54.8
41	Knoxville	161.2	164.9	163.7	1.7	1.6	1.5	9.2	10.2	10.4	48.7	50.0	50.6
42	Memphis	307.3	314.3	314.5	.3	.2	.2	16.6	14.6	14.5	60.5	62.9	62.1
43	Nashville	232.8	238.9	239.3	(1)	(1)	(1)	13.7	15.6	15.4	62.4	64.2	64.4
44	TEXAS	3,936.7	4,074.9	4,106.6	102.2	104.4	103.6	260.6	284.6	282.3	749.1	779.4	778.1
45	Amarillo	51.5	51.6	52.6	(1)	(1)	(1)	2.0	2.5	2.5	6.9	7.0	7.2
46	Austin	135.0	139.6	144.1	(1)	(1)	(1)	10.1	10.2	9.8	13.0	13.6	13.7
47	Beaumont—Port Arthur—Orange	110.3	111.8	113.3	(1)	(1)	(1)	8.8	9.3	9.4	37.0	38.4	38.4
48	Corpus Christi	88.9	90.2	89.9	3.5	3.5	3.5	7.6	7.7	7.4	10.7	11.3	11.3
49	Dallas	702.9	730.0	734.9	8.2	8.0	7.9	42.3	47.1	46.6	153.4	163.9	164.3
50	El Paso	118.7	122.4	122.8	(1)	(1)	(1)	8.0	9.2	9.0	28.2	28.9	29.4
51	Fort Worth	268.1	272.2	275.9	1.4	1.5	1.5	15.1	15.8	15.7	72.0	73.4	73.2
52	Galveston—Texas City	55.1	57.8	57.2	(1)	(1)	(1)	2.9	3.5	3.5	11.2	11.2	11.2
53	Houston	822.2	852.4	854.9	31.6	31.6	31.7	68.0	71.8	70.9	148.8	157.8	157.6
54	Lubbock	63.7	65.3	67.6	(1)	(1)	(1)	3.3	3.6	3.5	7.7	8.9	9.1
55	San Antonio	279.2	285.9	285.8	1.5	1.6	1.6	18.9	20.7	20.3	33.9	33.9	33.6
56	Waco	54.8	54.7	55.6	(1)	(1)	(1)	3.1	3.3	3.2	13.5	13.6	13.5
57	Wichita Falls	38.8	39.4	40.4	2.0	2.0	2.0	1.7	1.6	1.6	5.2	6.0	6.1
58	UTAH	406.6	419.8	426.9	12.2	12.7	12.7	23.9	24.0	24.0	62.3	66.1	66.8
59	Salt Lake City	217.4	227.4	228.3	6.5	6.7	6.5	13.4	13.6	13.6	33.4	35.6	35.6

See footnotes at end of table.

ESTABLISHMENT DATA  
STATE AND AREA EMPLOYMENT

for States and selected areas, by industry division--Continued

(In thousands)

Transportation and public utilities			Wholesale and retail trade			Finance, insurance, and real estate			Services			Government			
Sept. 1972	Aug. 1973	Sept. 1973 <sup>p</sup>	Sept. 1972	Aug. 1973	Sept. 1973 <sup>p</sup>	Sept. 1972	Aug. 1973	Sept. 1973 <sup>p</sup>	Sept. 1972	Aug. 1973	Sept. 1973 <sup>p</sup>	Sept. 1972	Aug. 1973	Sept. 1973 <sup>p</sup>	
49.7	46.7	46.8	187.2	187.7	189.8	42.8	44.4	44.3	146.0	148.1	149.6	108.7	109.5	113.1	1
22.5	23.0	23.1	90.0	91.2	92.1	28.6	30.5	30.5	72.9	76.6	77.2	81.7	81.0	81.3	2
12.8	12.6	12.8	62.3	63.7	64.7	10.6	11.2	11.2	52.8	53.8	54.8	58.4	57.4	58.5	3
17.7	18.0	18.0	55.7	57.0	57.6	8.6	8.6	8.5	41.8	43.5	43.9	33.3	33.5	34.1	4
10.5	11.0	11.2	39.9	40.9	41.1	6.2	6.4	6.4	29.2	30.6	30.7	20.7	22.5	20.4	5
53.9	56.4	55.8	182.1	186.0	186.8	40.2	42.9	42.4	124.9	128.5	127.9	190.3	183.1	192.6	6
18.1	18.8	(*)	65.5	67.4	(*)	17.4	17.8	(*)	41.8	42.6	(*)	73.1	70.6	(*)	7
15.7	16.3	(*)	43.3	44.9	(*)	10.3	10.6	(*)	35.4	36.4	(*)	19.8	19.0	(*)	8
52.4	53.8	(*)	187.1	194.2	(*)	40.3	43.3	(*)	129.1	136.0	(*)	152.9	150.0	(*)	9
4.7	4.8	(*)	17.3	18.0	(*)	3.4	3.5	(*)	12.0	12.1	(*)	17.0	15.6	(*)	10
31.1	31.8	31.9	103.3	109.2	110.4	27.1	29.1	29.0	75.7	79.7	79.9	63.3	61.7	64.4	11
2.3	2.4	2.4	12.6	13.0	13.2	3.3	3.6	3.6	8.8	9.0	9.3	19.1	19.3	19.6	12
264.8	264.8	266.4	869.5	870.0	876.1	203.5	210.3	208.5	723.2	742.2	736.4	632.3	628.7	623.9	13
12.2	12.8	12.9	40.8	41.4	42.1	6.9	7.4	7.4	32.3	34.1	32.8	22.1	22.9	22.9	14
6.7	7.0	7.0	9.1	9.2	9.1	1.4	1.4	1.4	7.6	7.9	7.9	6.5	6.6	6.7	15
89.0	83.2	86.2	315.4	312.0	315.9	97.0	100.4	98.9	289.1	294.9	294.0	220.2	226.1	220.5	16
6.0	6.0	6.0	18.9	19.3	19.6	3.8	4.1	4.1	16.0	16.5	16.5	11.8	11.7	12.5	17
13.7	13.9	14.0	37.3	39.3	39.4	9.6	10.3	10.3	31.5	33.2	32.6	47.7	48.4	49.2	18
5.3	5.5	5.6	15.1	15.3	15.5	2.4	2.6	2.6	12.3	12.7	12.7	12.9	12.6	12.8	19
5.8	6.1	6.0	27.6	27.7	27.9	3.4	4.2	4.0	20.0	22.1	21.8	11.1	10.7	11.2	20
103.9	97.7	101.0	386.1	385.2	390.1	108.4	113.2	111.4	333.9	341.6	341.1	268.8	275.3	270.4	21
63.2	59.5	(*)	173.3	172.8	(*)	70.8	71.3	(*)	166.3	170.7	(*)	150.4	156.8	(*)	22
57.6	58.7	59.0	179.9	183.0	184.3	38.5	39.3	38.8	164.1	160.9	163.2	112.0	111.7	109.1	23
5.9	6.1	6.2	23.2	23.4	23.4	5.3	5.4	5.3	19.1	19.7	19.3	14.8	14.7	15.4	24
5.1	4.9	4.8	17.8	18.2	18.2	3.0	3.1	3.1	15.8	16.4	16.5	10.6	10.6	10.7	25
6.8	6.9	6.7	21.3	22.1	22.7	4.6	5.3	5.4	16.1	17.2	17.3	17.1	18.3	18.1	26
2.1	2.1	2.1	8.1	8.2	8.4	1.8	2.0	2.0	6.5	6.7	6.5	5.0	5.4	5.1	27
6.2	6.5	6.5	26.6	27.3	27.4	3.0	3.1	2.9	17.9	18.0	18.2	14.4	13.5	14.4	28
15.6	15.8	15.8	76.0	75.9	76.7	16.3	16.9	16.9	61.3	61.6	61.3	54.4	55.2	49.4	29
15.7	15.7	15.7	77.7	78.1	78.8	16.4	17.0	17.0	60.0	60.4	60.2	51.3	52.2	46.5	30
41.7	44.4	44.4	165.3	174.5	175.1	34.7	36.9	36.5	104.5	112.3	111.1	166.3	166.6	172.5	31
6.0	5.8	5.9	18.7	19.1	19.2	3.9	3.9	3.9	12.2	12.0	12.1	32.2	32.4	32.2	32
7.8	8.0	8.0	26.3	27.0	27.2	8.0	8.2	8.3	18.2	18.7	18.7	36.6	36.8	38.4	33
6.3	6.5	(*)	25.4	26.0	(*)	5.1	5.3	(*)	16.7	17.2	(*)	13.7	13.1	(*)	34
11.3	11.8	12.0	48.7	53.7	52.7	7.9	8.1	8.1	37.2	40.0	39.8	57.0	54.5	55.2	35
1.6	1.5	1.5	6.0	6.7	6.3	.7	.7	.7	4.3	4.8	4.6	4.9	4.0	4.5	36
3.6	3.8	3.7	11.3	11.6	11.5	2.0	2.1	2.1	8.2	8.8	8.9	5.3	5.2	5.5	37
70.7	72.2	72.0	300.7	313.9	314.0	64.0	66.5	66.4	215.3	220.0	222.6	240.4	247.6	248.5	38
6.4	6.9	6.8	25.2	26.1	25.8	7.9	8.3	8.3	17.5	17.5	17.8	20.7	19.6	19.4	39
7.6	7.6	7.7	34.9	35.2	35.1	6.2	5.8	5.8	22.1	21.9	21.8	30.9	32.6	30.8	40
21.0	21.7	21.8	80.4	81.5	82.2	17.9	18.9	19.0	53.8	55.6	55.9	56.8	58.9	58.8	41
14.0	14.2	14.2	49.2	50.2	50.1	17.0	17.3	17.4	39.5	40.0	40.1	37.0	37.4	37.7	42
265.2	274.1	273.3	962.0	1,003.8	1,008.7	221.3	237.8	237.2	654.3	684.3	687.4	722.0	706.5	736.0	43
5.1	5.1	5.1	14.9	15.0	15.0	2.5	2.7	2.7	10.4	10.4	10.3	9.7	8.9	9.8	44
4.3	4.9	4.9	27.0	27.9	28.7	7.8	8.9	9.0	20.5	20.3	20.5	52.3	53.8	57.5	45
8.3	8.7	8.8	21.2	21.4	21.6	3.9	4.0	4.0	15.7	15.4	15.4	14.6	14.6	15.7	46
6.3	6.4	6.4	23.1	23.4	23.4	4.1	4.1	4.1	13.8	13.9	13.9	19.8	19.9	19.9	47
53.5	56.4	56.5	185.9	190.0	191.7	60.1	63.0	62.4	115.8	118.7	120.0	83.7	82.9	85.5	48
9.0	9.2	9.2	28.6	29.4	29.4	5.2	5.5	5.5	15.9	16.2	16.0	23.8	24.0	24.3	49
14.4	14.6	14.5	67.4	69.6	70.4	13.4	13.9	13.9	47.4	47.2	48.0	37.0	36.2	38.7	50
5.9	6.2	5.8	9.6	10.4	10.2	3.1	3.3	3.2	7.4	8.1	7.9	15.0	15.1	15.4	51
66.3	69.7	69.9	198.0	204.8	205.1	51.0	55.5	55.0	157.9	167.2	166.6	100.6	94.0	98.1	52
4.1	4.6	4.3	19.6	20.4	20.8	3.2	3.3	3.3	10.9	10.9	11.3	14.9	13.6	15.3	53
11.8	12.5	12.5	67.8	69.0	68.7	18.4	20.0	19.9	45.3	46.4	46.7	81.6	81.8	82.5	54
2.6	2.8	2.8	12.5	12.5	12.6	2.9	2.9	2.9	11.2	10.6	11.3	9.0	9.0	9.3	55
2.3	2.4	2.5	9.9	10.4	10.3	1.6	1.6	1.6	5.9	6.2	6.2	10.2	9.2	10.1	56
24.7	25.8	25.8	93.6	99.9	101.0	17.9	18.6	18.6	68.7	70.3	73.6	103.3	102.4	104.4	57
16.3	16.8	16.7	58.0	60.8	61.6	13.1	13.6	13.5	37.6	40.1	40.1	39.0	40.3	40.8	58

**ESTABLISHMENT DATA  
STATE AND AREA EMPLOYMENT**

**B-7: Employees on nonagricultural payrolls**

(In thousands)

	State and area	TOTAL			Mining			Contract construction			Manufacturing		
		Sept. 1972	Aug. 1973	Sept. 1973 <sup>p</sup>	Sept. 1972	Aug. 1973	Sept. 1973 <sup>p</sup>	Sept. 1972	Aug. 1973	Sept. 1973 <sup>p</sup>	Sept. 1972	Aug. 1973	Sept. 1973 <sup>p</sup>
1	VERMONT .....	155.8	164.7	163.3	.9	.9	.9	11.2	11.6	11.3	38.7	41.8	41.5
2	Burlington <sup>14</sup> .....	40.1	40.4	41.3	-	-	-	-	-	-	8.6	8.8	8.8
3	Springfield <sup>14</sup> .....	12.7	13.8	13.7	-	-	-	-	-	-	5.5	6.1	6.2
4	VIRGINIA <sup>4</sup> .....	1,593.0	1,637.0	1,646.0	16.2	16.0	15.9	110.8	119.5	117.1	389.1	398.3	397.0
5	Lynchburg .....	54.4	56.6	57.1	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	3.1	3.3	3.2	24.1	25.0	25.1
6	Newport News-Hampton .....	108.0	111.9	111.0	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	5.8	6.9	6.8	33.6	33.1	32.4
7	Norfolk-Virginia Beach-Portsmouth .....	211.7	218.4	220.1	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	17.2	18.1	17.8	20.3	20.6	20.6
8	Northern Virginia <sup>15</sup> .....	304.5	311.6	313.0	.4	.4	.4	27.4	29.6	28.8	10.4	11.2	11.0
9	Richmond .....	253.3	263.1	264.7	.2	.2	.2	15.9	18.7	18.3	51.8	53.2	53.0
10	Roanoke .....	85.7	88.3	88.3	.1	.1	.1	5.6	5.5	5.4	20.1	21.0	21.2
11	WASHINGTON .....	1,124.5	1,146.5	1,165.2	1.8	2.0	2.0	58.6	58.5	58.3	233.3	247.2	249.7
12	Seattle-Everett .....	506.7	533.4	538.9	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	22.3	24.9	25.1	109.2	121.1	121.0
13	Spokane .....	96.2	95.1	96.9	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	5.7	6.1	5.9	13.2	13.7	13.8
14	Tacoma .....	109.3	111.9	112.5	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	5.6	6.3	6.3	20.4	20.6	19.9
15	WEST VIRGINIA .....	546.0	543.4	543.9	51.9	50.1	50.2	38.3	35.1	35.1	123.9	126.8	127.5
16	Charleston .....	83.1	84.5	84.2	4.2	4.4	4.4	4.5	4.4	4.3	14.7	15.2	15.2
17	Huntington-Ashland .....	81.4	82.2	82.0	.7	.7	.7	3.7	3.7	3.6	26.2	26.5	26.9
18	Wheeling .....	59.2	57.9	59.1	5.7	4.3	5.6	2.1	2.0	2.0	15.2	15.2	15.5
19	WISCONSIN .....	1,619.0	1,645.0	1,661.2	2.9	2.8	2.7	71.5	70.9	71.1	513.1	536.5	536.5
20	Appleton-Oshkosh .....	104.6	106.3	108.8	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	4.7	5.0	5.1	40.7	43.4	43.4
21	Green Bay .....	60.8	62.6	62.7	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	3.5	3.3	3.3	18.4	19.3	19.1
22	Kenosha .....	37.9	40.8	41.9	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	1.3	1.4	1.3	16.3	19.1	19.6
23	La Crosse .....	32.1	31.9	32.7	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	1.3	1.4	1.4	8.8	8.7	8.6
24	Madison .....	128.1	127.3	131.3	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	6.8	6.7	6.6	16.5	17.0	16.8
25	Milwaukee .....	582.6	590.4	592.3	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	24.3	24.6	24.8	197.3	207.1	205.6
26	Racine .....	57.6	59.9	59.7	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	1.7	1.8	1.8	25.7	27.2	27.2
27	WYOMING .....	124.3	133.0	(*)	12.3	12.9	(*)	12.0	14.2	(*)	7.6	7.8	(*)
28	Casper .....	20.1	21.2	(*)	3.0	3.2	(*)	1.5	1.5	(*)	1.7	1.7	(*)
29	Cheyenne .....	20.4	21.9	(*)	( <sup>1</sup> )	( <sup>1</sup> )	(*)	1.2	1.3	(*)	1.2	1.2	(*)

<sup>1</sup> Combined with services.  
<sup>2</sup> Revised to 1973 benchmark; not strictly comparable with previously published data.  
<sup>3</sup> Combined with construction.  
<sup>4</sup> Federal employment in the Maryland and Virginia sectors of the Washington Standard Metropolitan Statistical Area is included in data for District of Columbia.  
<sup>5</sup> Area included in Chicago-Northwestern Indiana Standard Consolidated Area.  
<sup>6</sup> Revised to 1972 benchmark; not strictly comparable with previously published data.  
<sup>7</sup> Subarea of Philadelphia, Pennsylvania Standard Metropolitan Statistical Area: Burlington, Camden, and Gloucester Counties, New Jersey.  
<sup>8</sup> Area included in New York-Northeastern New Jersey Standard Consolidated Area.  
<sup>9</sup> Subarea of Rochester Standard Metropolitan Statistical Area.  
<sup>10</sup> Area included in New York and Nassau-Suffolk combined SMSA's.  
<sup>11</sup> Subarea of New York Standard Metropolitan Statistical Area.  
<sup>12</sup> Subarea of Philadelphia, Pennsylvania Standard Metropolitan Statistical Area: Bucks, Chester, Delaware, Montgomery, and Philadelphia Counties, Pennsylvania.  
<sup>13</sup> Subarea of Philadelphia, Pennsylvania Standard Metropolitan Statistical Area: Philadelphia County.  
<sup>14</sup> Total includes data for industry divisions not shown separately. Services excludes agriculture, forestry, and fisheries.  
<sup>15</sup> Subarea of Washington, D.C. Standard Metropolitan Statistical Area: Alexandria, Fairfax, and Falls Church cities and Arlington, Fairfax, Loudoun, and Prince William Counties, Virginia.  
<sup>16</sup> Not available.  
<sup>p</sup> preliminary.

SOURCE: Cooperating State agencies listed on inside back cover.

**ESTABLISHMENT DATA  
STATE AND AREA EMPLOYMENT**

for States and selected areas, by industry division--Continued

(In thousands)

Transportation and public utilities			Wholesale and retail trade			Finance, insurance, and real estate			Services			Government			
Sept. 1972	Aug. 1973	Sept. 1973 <sup>P</sup>	Sept. 1972	Aug. 1973	Sept. 1973 <sup>P</sup>	Sept. 1972	Aug. 1973	Sept. 1973 <sup>P</sup>	Sept. 1972	Aug. 1973	Sept. 1973 <sup>P</sup>	Sept. 1972	Aug. 1973	Sept. 1973 <sup>P</sup>	
8.3	8.5	8.4	32.1	33.4	33.5	6.2	6.8	6.7	30.2	34.2	31.9	28.5	27.7	29.2	1
2.1	2.2	2.1	8.8	8.8	9.3	-	-	-	7.9	8.2	8.3	-	-	-	2
.8	.9	.9	1.9	2.0	2.0	-	-	-	2.0	2.2	2.1	-	-	-	3
101.8	104.8	104.0	328.2	337.6	340.4	77.7	81.9	80.6	241.7	254.3	252.2	327.5	324.6	338.8	4
2.6	2.7	2.7	8.8	9.9	9.9	2.3	2.6	2.5	7.1	7.1	7.4	6.4	6.0	6.3	5
3.6	3.8	3.6	18.0	19.7	19.6	3.3	3.8	3.8	13.7	14.8	14.4	30.0	29.8	30.4	6
16.5	16.3	16.3	51.0	54.3	54.5	10.5	10.8	10.7	34.5	37.9	37.2	61.7	60.4	63.0	7
22.9	24.0	22.8	70.5	72.2	72.3	19.5	21.0	20.5	57.3	59.1	59.4	96.1	94.1	97.8	8
18.3	18.8	18.8	56.0	58.9	58.7	20.0	21.1	21.0	37.7	39.4	40.0	53.4	52.8	54.7	9
10.6	10.6	10.5	19.0	19.5	19.5	4.7	4.9	4.8	14.1	14.7	15.0	11.5	12.0	11.8	10
71.2	74.3	73.8	254.3	262.4	265.5	62.7	65.4	64.9	190.7	196.3	197.1	251.9	240.4	253.9	11
38.0	40.3	40.3	115.4	121.2	121.5	36.3	38.7	38.6	87.1	92.3	92.8	98.4	94.9	99.6	12
7.5	7.7	7.8	25.7	25.2	25.4	5.9	6.0	6.0	20.9	20.3	20.9	17.3	16.1	17.1	13
5.9	5.9	5.8	24.2	24.6	25.2	5.8	6.1	6.0	20.1	20.3	20.9	27.3	28.1	28.4	14
40.8	40.3	40.2	103.6	104.2	104.2	16.7	17.1	17.0	72.1	70.7	71.5	98.7	99.2	98.2	15
8.4	8.5	8.5	19.4	19.5	19.5	3.9	4.1	4.0	13.5	13.6	13.6	14.5	14.8	14.6	16
7.1	6.9	6.9	17.0	17.1	17.0	2.9	3.0	3.0	10.9	11.1	11.0	13.0	13.4	12.8	17
3.8	3.3	3.2	13.0	13.3	13.3	2.4	2.4	2.4	10.3	10.2	10.3	6.7	7.2	6.9	18
83.1	83.1	85.5	353.1	359.4	361.8	65.0	68.3	67.9	254.8	260.9	260.4	275.5	263.0	275.2	19
4.3	4.3	4.3	21.6	20.7	21.7	3.7	3.9	3.9	15.2	15.4	15.7	14.4	13.7	14.7	20
5.0	5.2	5.3	14.7	15.3	15.0	1.6	1.7	1.7	9.7	9.9	10.1	7.8	7.9	8.2	21
1.4	1.2	1.3	6.9	7.2	7.2	.7	.7	.7	6.1	6.2	6.4	5.2	5.0	5.2	22
2.3	2.2	2.3	7.7	7.8	8.1	.7	.7	.7	6.3	6.4	6.7	5.1	4.6	5.0	23
5.3	5.3	5.4	26.8	26.8	27.4	7.1	7.6	7.6	19.9	20.4	20.7	45.7	43.3	46.7	24
30.6	30.9	31.9	125.4	125.6	126.9	29.6	30.0	29.9	98.7	97.7	98.1	76.5	74.4	75.0	25
2.0	1.9	2.0	10.4	10.7	10.8	1.5	1.6	1.6	8.7	9.1	8.8	7.6	7.6	7.5	26
11.1	11.8	(*)	26.5	29.1	(*)	3.8	3.8	(*)	19.0	22.3	(*)	32.0	31.1	(*)	27
1.7	1.8	(*)	4.8	5.7	(*)	.8	.8	(*)	2.7	2.9	(*)	3.9	3.6	(*)	28
2.6	2.7	(*)	4.6	5.2	(*)	.9	1.1	(*)	3.8	4.0	(*)	6.1	6.4	(*)	29



**ESTABLISHMENT DATA  
HOURS AND EARNINGS**

**C-2: Gross hours and earnings of production or nonsupervisory workers  
on private nonagricultural payrolls, by industry**

SIC Code	Industry	Average weekly earnings					Average hourly earnings				
		Sept. 1972	Oct. 1972	Aug. 1973	Sept. 1973 <sup>P</sup>	Oct. 1973 <sup>P</sup>	Sept. 1972	Oct. 1972	Aug. 1973	Sept. 1973 <sup>P</sup>	Oct. 1973 <sup>P</sup>
	<b>TOTAL PRIVATE</b> .....	\$139.13	\$139.50	\$146.63	\$148.45	\$147.63	\$3.72	\$3.74	\$3.91	\$3.98	\$3.99
	<b>MINING</b> .....	189.18	189.19	200.73	204.16	203.58	4.42	4.41	4.69	4.77	4.79
10	<b>METAL MINING</b> .....	192.32	191.10	200.70	203.20	-	4.59	4.55	4.79	4.92	-
101	Iron ores.....	190.35	188.07	200.22	213.26	-	4.50	4.51	4.79	4.88	-
102	Copper ores.....	198.55	197.92	204.73	200.10	-	4.75	4.69	4.84	4.99	-
11,12	<b>COAL MINING</b> .....	215.13	208.80	225.83	225.44	-	5.26	5.22	5.66	5.65	-
12	Bituminous coal and lignite mining.....	216.77	210.00	227.43	226.63	-	5.30	5.25	5.70	5.68	-
13	<b>OIL AND GAS EXTRACTION</b> .....	170.37	174.40	180.18	187.92	-	3.99	4.00	4.20	4.34	-
131,2	Crude petroleum and natural gas fields.....	184.20	182.34	188.44	203.22	-	4.46	4.48	4.63	4.85	-
138	Oil and gas field services.....	161.69	168.81	175.87	178.57	-	3.70	3.71	3.97	4.04	-
14	<b>NONMETALLIC MINERALS, EXCEPT FUELS</b> .....	187.98	189.42	203.00	205.39	-	4.06	4.10	4.31	4.37	-
142	Crushed and broken stone.....	193.60	197.56	208.86	213.15	-	4.00	4.04	4.28	4.35	-
-	<b>CONTRACT CONSTRUCTION</b> .....	234.93	237.60	247.42	251.94	252.41	6.15	6.22	6.46	6.63	6.66
15	<b>GENERAL BUILDING CONTRACTORS</b> .....	217.77	219.97	226.32	229.05	-	5.95	6.01	6.15	6.31	-
16	<b>HEAVY CONSTRUCTION CONTRACTORS</b> .....	237.16	239.98	246.19	248.59	-	5.62	5.66	5.82	5.99	-
161	Highway and street construction.....	235.44	235.66	248.16	249.52	-	5.40	5.43	5.64	5.83	-
162	Heavy construction, n.e.c.....	239.67	243.85	244.01	247.63	-	5.86	5.89	6.01	6.16	-
17	<b>SPECIAL TRADE CONTRACTORS</b> .....	244.40	248.42	260.73	267.07	-	6.57	6.66	6.99	7.16	-
171	Plumbing, heating, air conditioning.....	254.31	255.56	266.87	272.54	-	6.64	6.69	7.06	7.21	-
172	Painting, paper hanging, decorating.....	212.26	217.41	223.13	230.04	-	6.03	6.09	6.25	6.39	-
173	Electrical work.....	278.64	278.78	296.06	303.03	-	7.20	7.26	7.65	7.81	-
174	Masonry, stonework, and plastering.....	224.55	229.91	237.30	240.11	-	6.49	6.55	6.78	6.98	-
176	Roofing and sheetmetal work.....	197.73	205.46	217.43	222.31	-	5.85	5.99	6.23	6.37	-
-	<b>MANUFACTURING</b> .....	158.26	157.49	164.43	169.33	168.09	3.86	3.86	4.06	4.13	4.13
19,24,25,32-39	<b>DURABLE GOODS</b> .....	171.39	170.57	176.28	183.06	181.77	4.11	4.11	4.31	4.39	4.38
20-23,26-31	<b>NONDURABLE GOODS</b> .....	140.40	140.10	147.26	150.00	148.90	3.51	3.52	3.70	3.75	3.76
	<i>Durable Goods</i>										
19	<b>ORDNANCE AND ACCESSORIES</b> .....	175.55	175.11	178.04	186.16	184.88	4.15	4.13	4.29	4.37	4.34
192	Ammunition, except for small arms.....	174.23	174.20	173.45	181.46	182.33	4.09	4.07	4.21	4.30	4.27
1925	Complete guided missiles.....	197.10	195.33	197.04	205.97	-	4.50	4.48	4.54	4.66	-
1929	Ammunition, exc. for small arms, nec.....	150.70	153.67	149.76	155.98	-	3.64	3.65	3.84	3.88	-
24	<b>LUMBER AND WOOD PRODUCTS</b> .....	140.27	139.52	148.06	150.47	147.83	3.38	3.37	3.62	3.67	3.65
242	Sawmills and planing mills.....	135.11	134.78	144.32	146.73	(*)	3.24	3.24	3.52	3.57	(*)
2421	Sawmills and planing mills, general.....	139.28	138.86	149.60	152.07	-	3.34	3.33	3.64	3.70	-
243	Millwork, plywood & related products.....	147.26	146.85	151.90	155.45	-	3.54	3.53	3.76	3.81	(*)
2431	Millwork.....	140.54	141.69	145.02	151.20	-	3.47	3.49	3.69	3.78	-
2432	Veneer and plywood.....	150.80	149.18	155.77	157.73	-	3.54	3.51	3.79	3.81	-
244	Wooden containers.....	105.59	106.65	113.77	115.49	(*)	2.68	2.70	2.83	2.88	(*)
2441,2	Wooden boxes, shooks, and crates.....	102.82	102.17	109.34	109.87	-	2.59	2.58	2.72	2.74	-
249	Miscellaneous wood products.....	121.25	119.97	128.75	131.36	131.04	2.88	2.87	3.11	3.15	3.15
25	<b>FURNITURE AND FIXTURES</b> .....	127.51	127.30	131.86	133.87	133.13	3.11	3.12	3.28	3.33	3.32
251	Household furniture.....	119.25	120.07	124.80	126.40	126.00	2.93	2.95	3.12	3.16	3.15
2511	Wood household furniture.....	113.03	113.03	118.67	120.18	-	2.75	2.75	2.93	2.96	-
2512	Upholstered household furniture.....	126.86	127.43	131.26	134.01	-	3.14	3.17	3.34	3.41	-
2515	Mattresses and bedsprings.....	129.52	130.33	135.54	135.32	-	3.23	3.25	3.44	3.46	-
252	Office furniture.....	154.66	148.10	153.30	154.24	-	3.58	3.56	3.65	3.69	-
254	Partitions and fixtures.....	158.15	154.31	160.39	164.02	-	3.82	3.81	3.98	4.04	-
253,9	Other furniture and fixtures.....	139.81	139.06	143.92	144.84	142.96	3.41	3.40	3.58	3.63	3.61
32	<b>STONE, CLAY, AND GLASS PRODUCTS</b> .....	169.18	170.85	178.93	181.48	181.05	3.99	4.02	4.21	4.26	4.25
321	Flint glass.....	216.00	221.82	231.77	231.17	-	5.00	5.03	5.22	5.29	-
322	Glass and glassware, pressed or blown.....	163.61	164.43	171.23	174.60	176.28	4.02	4.05	4.27	4.29	4.31
3221	Glass containers.....	172.58	171.79	179.74	183.27	-	4.23	4.19	4.46	4.47	-
3229	Pressed and blown glass, n.e.c.....	151.47	154.40	160.40	163.62	-	3.74	3.86	4.02	4.06	-
324	Cement, hydraulic.....	222.39	220.70	237.44	244.53	(*)	5.27	5.28	5.60	5.70	(*)
325	Structural clay products.....	132.80	133.22	142.96	144.97	144.14	3.20	3.21	3.42	3.46	3.44
3251	Brick and structural clay tile.....	127.26	128.21	137.70	138.51	-	3.03	3.06	3.24	3.29	-
326	Pottery and related products.....	134.30	138.05	139.04	144.84	-	3.40	3.46	3.52	3.63	-
327	Concrete, gypsum, and plaster products.....	185.06	185.92	194.83	195.78	193.14	4.14	4.15	4.32	4.37	4.35
328,9	Other stone and nonmetallic mineral products.....	164.27	165.90	175.14	179.77	(*)	3.93	3.95	4.16	4.21	(*)
3291	Abrasive products.....	164.42	163.61	169.60	177.53	-	4.09	4.07	4.24	4.33	-

See footnotes at end of table.



C-2: Gross hours and earnings of production or nonsupervisory workers  
on private nonagricultural payrolls, by industry--Continued

SIC Code	Industry	Average weekly hours					Average overtime hours				
		Sept. 1972	Oct. 1972	Aug. 1973	Sept. 1973 <sup>P</sup>	Oct. 1973 <sup>P</sup>	Sept. 1972	Oct. 1972	Aug. 1973	Sept. 1973 <sup>P</sup>	Oct. 1973 <sup>P</sup>
-	<b>TOTAL PRIVATE</b> . . . . .	37.4	37.3	37.5	37.3	37.0	-	-	-	-	-
-	<b>MINING</b> . . . . .	42.8	42.9	42.8	42.8	42.5	-	-	-	-	-
10	METAL MINING . . . . .	41.9	42.0	41.9	41.3	-	-	-	-	-	
101	Iron ores . . . . .	42.3	41.7	41.8	43.7	-	-	-	-	-	
102	Copper ores . . . . .	41.8	42.2	42.3	40.1	-	-	-	-	-	
11,12	COAL MINING . . . . .	40.9	40.0	39.9	39.9	-	-	-	-	-	
12	Bituminous coal and lignite mining . . . . .	40.9	40.0	39.9	39.9	-	-	-	-	-	
13	OIL AND GAS EXTRACTION . . . . .	42.7	43.6	42.9	43.3	-	-	-	-	-	
131,2	Crude petroleum and natural gas fields . . . . .	41.3	40.7	40.7	41.9	-	-	-	-	-	
138	Oil and gas field services . . . . .	43.7	45.5	44.3	44.2	-	-	-	-	-	
14	NONMETALLIC MINERALS, EXCEPT FUELS . . . . .	46.3	46.2	47.1	47.0	-	-	-	-	-	
142	Crushed and broken stone . . . . .	48.4	48.9	48.8	49.0	-	-	-	-	-	
-	<b>CONTRACT CONSTRUCTION</b> . . . . .	38.2	38.2	38.3	38.0	37.9	-	-	-	-	
15	GENERAL BUILDING CONTRACTORS . . . . .	36.6	36.6	36.8	36.3	-	-	-	-	-	
16	HEAVY CONSTRUCTION CONTRACTORS . . . . .	42.2	42.4	42.3	41.5	-	-	-	-	-	
161	Highway and street construction . . . . .	43.6	43.4	44.0	42.8	-	-	-	-	-	
162	Heavy construction, n e c . . . . .	40.9	41.4	40.6	40.2	-	-	-	-	-	
17	SPECIAL TRADE CONTRACTORS . . . . .	37.2	37.3	37.3	37.3	-	-	-	-	-	
171	Plumbing, heating, air conditioning . . . . .	38.3	38.2	37.8	37.8	-	-	-	-	-	
172	Painting, paper hanging, decorating . . . . .	35.2	35.7	35.7	36.0	-	-	-	-	-	
173	Electrical work . . . . .	38.7	38.4	38.7	38.8	-	-	-	-	-	
174	Masonry, stonework, and plastering . . . . .	34.6	35.1	35.0	34.4	-	-	-	-	-	
176	Roofing and sheet metal work . . . . .	33.8	34.3	34.9	34.9	-	-	-	-	-	
-	<b>MANUFACTURING</b> . . . . .	41.0	40.8	40.5	41.0	40.7	3.9	3.8	3.8	4.1	
19,24,25,32-39	<b>DURABLE GOODS</b> . . . . .	41.7	41.5	40.9	41.7	41.5	4.1	4.0	3.9	4.4	
20-23,26-31	<b>NONDURABLE GOODS</b> . . . . .	40.0	39.8	39.8	40.0	39.6	3.7	3.6	3.5	3.8	
	Durable Goods . . . . .										
19	<b>ORDNANCE AND ACCESSORIES</b> . . . . .	42.3	42.4	41.5	42.6	42.6	3.3	3.2	3.0	3.5	
192	Ammunition, except for small arms . . . . .	42.6	42.8	41.2	42.2	42.7	3.3	3.2	2.8	3.2	
1925	Complete guided missiles . . . . .	43.8	43.6	43.4	44.2	-	-	-	-	-	
1929	Ammunition, e-xc. for small arms, nec . . . . .	41.4	42.1	39.0	40.2	-	-	-	-	-	
24	<b>LUMBER AND WOOD PRODUCTS</b> . . . . .	41.5	41.4	40.9	41.0	40.5	4.6	4.5	4.2	4.3	
242	Sawmills and planing mills . . . . .	41.7	41.6	41.0	41.1	(*)	4.9	4.7	4.4	4.5	
2421	Sawmills and planing mills, general . . . . .	41.7	41.7	41.1	41.1	-	-	-	-	-	
243	Millwork, plywood & related products . . . . .	41.6	41.6	40.4	40.8	(*)	4.3	4.4	3.8	4.1	
2431	Millwork . . . . .	40.5	40.6	39.3	40.0	-	-	-	-	-	
2432	Veneer and plywood . . . . .	42.6	42.5	41.1	41.4	-	-	-	-	-	
244	Wooden containers . . . . .	39.4	39.5	40.2	40.1	(*)	3.4	3.4	3.6	3.8	
2441,2	Wooden boxes, shooks, and crates . . . . .	39.7	39.6	40.2	40.1	-	-	-	-	-	
249	Miscellaneous wood products . . . . .	42.1	41.8	41.4	41.7	41.6	4.6	4.5	4.1	4.4	
25	<b>FURNITURE AND FIXTURES</b> . . . . .	41.0	40.8	40.2	40.2	40.1	3.8	3.6	3.3	3.4	
251	Household furniture . . . . .	40.7	40.7	40.0	40.0	40.0	3.5	3.4	3.1	3.3	
2511	Wood household furniture . . . . .	41.1	41.1	40.5	40.6	-	3.8	3.7	3.5	3.8	
2512	Upholstered household furniture . . . . .	40.4	40.2	39.3	39.3	-	-	-	-	-	
2515	Mattresses and bedsprings . . . . .	40.1	40.1	39.4	39.4	-	-	-	-	-	
252	Office furniture . . . . .	43.2	41.6	42.0	41.8	-	5.5	4.5	4.4	4.2	
254	Partitions and fixtures . . . . .	41.4	40.5	40.3	40.6	-	4.6	3.8	4.0	4.2	
253,9	Other furniture and fixtures . . . . .	41.0	40.9	40.2	39.9	39.6	3.7	3.5	3.6	3.3	
32	<b>STONE, CLAY, AND GLASS PRODUCTS</b> . . . . .	42.4	42.5	42.5	42.6	42.6	5.2	5.3	5.3	5.5	
321	Flat glass . . . . .	43.2	44.1	44.4	43.7	-	4.8	5.1	5.7	6.1	
322	Glass and glassware, pressed or blown . . . . .	40.7	40.6	40.1	40.7	40.9	4.8	4.6	4.2	4.3	
3221	Glass containers . . . . .	40.8	41.0	40.3	41.0	-	-	-	-	-	
3229	Pressed and blown glass, n e c . . . . .	40.5	40.0	39.9	40.3	-	4.2	3.6	3.2	3.4	
324	Cement, hydraulic . . . . .	42.2	41.8	42.4	42.9	(*)	3.4	3.3	3.7	4.4	
325	Structural clay products . . . . .	41.5	41.5	41.8	41.9	41.9	4.5	4.4	4.7	4.8	
3251	Brick and structural clay tile . . . . .	42.0	41.9	42.5	42.1	-	-	-	-	-	
326	Pottery and related products . . . . .	39.5	39.9	39.5	39.9	-	2.6	3.0	2.4	3.0	
327	Concrete, gypsum and plaster products . . . . .	44.7	44.8	45.1	44.8	44.4	7.5	7.5	7.8	7.6	
328,9	Other stone and nonmetallic mineral products . . . . .	41.8	42.0	42.1	42.7	(*)	4.3	4.5	4.6	5.3	
3291	Abrasives products . . . . .	40.2	40.2	40.0	41.0	-	-	-	-	-	

See footnotes at end of table.

# ESTABLISHMENT DATA HOURS AND EARNINGS

84

C-2: Gross hours and earnings of production or nonsupervisory workers<sup>1</sup>  
on private nonagricultural payrolls, by industry--Continued

SIC Code	Industry	Average weekly earnings					Average hourly earnings				
		Sept. 1972	Oct. 1972	Aug. 1973	Sept. 1973 <sup>P</sup>	Oct. 1973 <sup>P</sup>	Sept. 1972	Oct. 1972	Aug. 1973	Sept. 1973 <sup>P</sup>	Oct. 1973 <sup>P</sup>
<i>Durable Goods--Continued</i>											
33	PRIMARY METAL INDUSTRIES .....	\$199.50	\$197.66	\$212.67	\$220.42	\$218.62	\$4.75	\$4.74	\$5.10	\$5.15	\$5.12
331	Blast furnace and basic steel products ..	213.11	207.87	229.75	237.86	(*)	5.16	5.12	5.59	5.61	(*)
3312	Blast furnaces and steel mills .....	216.48	210.65	233.78	241.65	-	5.28	5.24	5.73	5.74	-
332	Iron and steel foundries .....	184.41	187.44	199.28	205.68	(*)	4.37	4.40	4.70	4.75	(*)
3321	Gray iron foundries .....	188.75	190.91	206.45	213.44	-	4.41	4.45	4.79	4.84	-
3322	Malleable iron foundries .....	196.42	200.94	199.00	206.71	-	4.60	4.63	4.83	4.91	-
3323	Steel foundries .....	168.08	171.81	179.99	183.90	-	4.14	4.16	4.39	4.41	-
333,4	Nonferrous metals .....	192.01	192.04	204.54	212.22	(*)	4.55	4.54	4.87	4.97	(*)
3334	Primary aluminum .....	211.26	213.35	232.52	232.39	-	5.03	5.02	5.51	5.52	-
335	Nonferrous rolling and drawing .....	194.92	192.25	201.71	208.05	207.06	4.44	4.44	4.68	4.75	4.76
3351	Copper rolling and drawing .....	196.64	194.48	193.12	201.84	-	4.36	4.39	4.62	4.64	-
3352	Aluminum rolling and drawing .....	195.70	195.24	211.07	215.65	-	4.53	4.53	4.83	4.89	-
3357	Nonferrous wire drawing and insulating	196.25	190.07	199.64	209.03	-	4.44	4.41	4.60	4.74	-
336	Nonferrous foundries .....	164.32	165.97	166.83	175.53	175.94	3.95	3.98	4.15	4.25	4.26
3361	Aluminum castings .....	167.27	167.28	169.24	179.26	-	4.06	4.08	4.21	4.33	-
3362,9	Other nonferrous castings .....	161.66	164.51	163.61	171.39	-	3.84	3.88	4.08	4.16	-
339	Miscellaneous primary metal products ..	206.06	208.44	215.13	227.07	(*)	4.86	4.87	5.11	5.22	(*)
3391	Iron and steel forgings .....	217.33	219.91	229.02	244.28	-	5.15	5.15	5.44	5.59	-
34	FABRICATED METAL PRODUCTS .....	168.48	168.08	175.54	180.17	178.02	4.05	4.05	4.24	4.30	4.30
341	Metal cans .....	206.58	201.92	240.91	236.17	(*)	4.76	4.74	5.26	5.26	(*)
342	Cutlery, hand tools, and hardware .....	159.74	158.62	160.80	168.51	168.92	3.84	3.85	3.99	4.10	4.10
3421,3,5	Cutlery and hand tools, incl. saws .....	154.66	154.84	157.12	164.36	-	3.70	3.74	3.87	3.97	-
3429	Hardware, n e c .....	163.51	161.13	163.61	172.19	-	3.94	3.93	4.08	4.21	-
343	Plumbing and heating, except electric ..	152.25	157.32	156.01	161.20	162.81	3.75	3.80	3.91	3.99	4.01
3431,2	Sanitary ware & plumbers' brass goods.	154.60	158.18	157.19	166.87	-	3.78	3.83	4.01	4.11	-
3433	Heating equipment, except electric .....	149.11	156.46	155.09	155.57	-	3.70	3.77	3.82	3.87	-
344	Fabricated structural metal products .....	164.82	165.24	175.53	178.89	(*)	4.02	4.04	4.25	4.29	(*)
3441	Fabricated structural steel .....	173.46	175.54	187.39	190.40	-	4.20	4.24	4.43	4.48	-
3442	Metal doors, sash, and trim .....	129.89	130.28	136.89	139.98	-	3.28	3.29	3.51	3.58	-
3443	Fabricated plate work (boiler shops) ..	172.60	171.75	180.87	186.50	-	4.22	4.22	4.39	4.43	-
3444	Sheet metal work .....	179.28	180.94	187.92	191.48	-	4.32	4.36	4.55	4.57	-
3446,9	Architectural and misc. metal work .....	160.55	159.78	175.51	176.78	-	3.85	3.85	4.12	4.14	-
345	Screw machine products, bolts, etc. ....	173.20	174.40	179.26	186.97	(*)	4.00	4.00	4.14	4.23	(*)
3451	Screw machine products .....	166.41	167.66	171.70	179.66	-	3.87	3.89	4.04	4.13	-
3452	Bolts, nuts, rivets, and washers .....	178.76	180.37	186.12	193.09	-	4.10	4.09	4.23	4.31	-
346	Metal stampings .....	191.72	189.08	192.65	196.04	195.52	4.49	4.47	4.62	4.69	4.70
347	Metal services, n e c .....	142.56	142.56	146.73	150.55	149.92	3.52	3.52	3.65	3.69	3.72
348	Misc. fabricated wire products .....	148.27	149.04	151.88	157.80	158.65	3.59	3.60	3.75	3.83	3.86
349	Misc. fabricated metal products .....	162.77	162.36	170.57	177.24	175.55	3.97	3.96	4.14	4.22	4.23
3494,8	Valves, pipe, and pipe fittings .....	165.22	166.03	174.72	181.04	-	4.02	4.02	4.20	4.28	-
35	MACHINERY, EXCEPT ELECTRICAL .....	183.59	184.01	190.26	198.69	197.31	4.33	4.35	4.53	4.61	4.61
351	Engines and turbines .....	205.24	199.18	218.40	227.90	228.86	4.91	4.87	5.25	5.30	5.31
3511	Steam engines and turbines .....	198.10	191.84	208.38	212.76	-	4.82	4.82	5.07	5.09	-
3519	Internal combustion engines, n e c .....	208.40	202.86	222.79	234.03	-	4.95	4.90	5.33	5.38	-
352	Farm machinery .....	188.29	186.97	187.50	197.58	-	4.42	4.42	4.54	4.66	-
353	Construction and related machinery .....	182.28	185.22	191.44	200.77	198.48	4.34	4.41	4.58	4.68	4.67
3531,2	Construction and mining machinery .....	191.17	194.96	199.26	211.56	-	4.53	4.62	4.79	4.92	-
3533	Oil field machinery .....	172.77	175.74	182.33	184.03	-	3.99	4.04	4.26	4.26	-
3535,6	Conveyors, hoists, cranes, monorails ..	173.44	179.28	188.73	192.64	-	4.22	4.32	4.42	4.48	-
3537	Industrial trucks and tractors .....	164.43	160.80	170.91	182.70	-	4.04	4.00	4.22	4.35	-
354	Metal working machinery .....	200.07	199.61	206.97	216.23	214.67	4.61	4.61	4.78	4.87	4.89
3541	Machine tools, metal cutting types .....	202.79	203.58	207.41	225.59	-	4.63	4.68	4.79	4.98	-
3544	Special dies, tools, jigs & fixtures ..	218.05	219.07	226.37	232.13	-	4.90	4.89	5.11	5.17	-
3545	Machine tool accessories .....	181.04	178.49	192.64	201.98	-	4.28	4.27	4.48	4.58	-
3542,8	Misc. metal working machinery .....	178.49	177.63	183.50	190.46	-	4.27	4.27	4.39	4.45	-
355	Special industry machinery .....	172.14	171.77	180.62	186.19	185.76	4.06	4.08	4.27	4.29	4.30
3551	Food products machinery .....	174.30	177.66	188.73	189.60	-	4.15	4.22	4.42	4.43	-
3552	Textile machinery .....	140.83	139.20	147.96	151.84	-	3.41	3.48	3.60	3.65	-
3555	Printing trades machinery .....	204.26	207.91	209.00	214.59	-	4.59	4.61	4.75	4.79	-
356	General industrial machinery .....	183.60	185.30	191.98	199.09	(*)	4.32	4.36	4.56	4.63	(*)
3561	Pumps and compressors .....	177.24	180.20	185.54	192.47	-	4.20	4.26	4.46	4.55	-
3562	Ball and roller bearings .....	198.80	199.67	210.15	212.16	-	4.57	4.59	4.82	4.80	-
3564	Blowers and fans .....	167.16	168.78	173.06	178.50	-	3.98	3.99	4.16	4.21	-
3566	Power transmission equipment .....	185.33	187.05	192.10	201.02	-	4.29	4.34	4.52	4.60	-
357	Office and computing machines .....	181.44	182.29	180.53	185.66	185.20	4.20	4.21	4.35	4.41	4.42
3573	Electronic computing equipment .....	186.12	186.56	184.04	185.27	-	4.23	4.24	4.31	4.38	-
358	Service industry machines .....	158.37	158.79	166.04	170.13	171.39	3.92	3.95	4.11	4.18	4.16
3585	Refrigeration machinery .....	159.15	159.59	167.27	170.53	-	3.92	3.96	4.12	4.19	-
359	Misc. machinery, except electrical .....	176.80	176.38	182.74	194.04	190.97	4.16	4.15	4.32	4.41	4.39

See footnotes at end of table.

ESTABLISHMENT DATA  
HOURS AND EARNINGSC-2: Gross hours and earnings of production or nonsupervisory workers<sup>1</sup>  
on private nonagricultural payrolls, by industry--Continued

SIC Code	Industry	Average weekly hours					Average overtime hours				
		Sept. 1972	Oct. 1972	Aug. 1973	Sept. 1973 <sup>P</sup>	Oct. 1973 <sup>P</sup>	Sept. 1972	Oct. 1972	Aug. 1973	Sept. 1973 <sup>P</sup>	Oct. 1973 <sup>P</sup>
	<i>Durable Goods--Continued</i>										
	<b>PRIMARY METAL INDUSTRIES</b>										
33	Blast furnace and basic steel products	42.0	41.7	41.7	42.8	42.7	4.2	4.0	4.4	5.0	-
331	Blast furnaces and steel mills	41.3	40.6	41.1	42.4	(*)	3.1	2.7	3.5	4.0	-
3312	Blast furnaces and steel mills	41.0	40.2	40.8	42.1	-	2.7	2.4	3.3	3.7	-
332	Iron and steel foundries	42.2	42.6	42.4	43.3	(*)	5.0	5.2	5.6	6.2	-
3321	Gray iron foundries	42.8	42.9	43.1	44.1	-	5.6	5.8	6.3	6.9	-
3322	Malleable iron foundries	42.7	43.4	41.2	42.1	-	-	-	-	-	-
3323	Steel foundries	40.6	41.3	41.0	41.7	-	3.2	3.4	4.2	4.6	-
333,4	Nonferrous metals	42.2	42.3	42.0	42.7	(*)	4.0	3.9	4.5	5.1	-
3334	Primary aluminum	42.0	42.5	42.2	42.1	-	-	-	-	-	-
335	Nonferrous rolling and drawing	43.9	43.3	43.1	43.8	43.5	6.1	5.6	5.4	6.2	-
3351	Copper rolling and drawing	45.1	44.3	41.8	43.5	-	-	-	-	-	-
3352	Aluminum rolling and drawing	43.2	43.1	43.7	44.1	-	5.6	5.8	5.8	6.4	-
3357	Nonferrous wire drawing and insulating	44.2	43.1	43.4	44.1	-	6.2	5.3	5.8	6.5	-
336	Nonferrous foundries	41.6	41.7	40.2	41.3	41.3	4.2	4.2	3.8	4.7	-
3361	Aluminum castings	41.2	41.0	40.2	41.4	-	-	-	-	-	-
3362,9	Other nonferrous castings	42.1	42.4	40.1	41.2	-	-	-	-	-	-
339	Miscellaneous primary metal products	42.4	42.8	42.1	43.5	(*)	5.3	5.3	5.6	6.4	-
3391	Iron and steel forgings	42.2	42.7	42.1	43.7	-	-	-	-	-	-
34	<b>FABRICATED METAL PRODUCTS</b>										
341	Metal cans	43.4	42.6	45.8	44.9	(*)	4.8	3.4	6.1	5.7	-
342	Cutlery, hand tools, and hardware	41.6	41.2	40.3	41.1	41.2	3.7	3.6	3.2	3.7	-
3421,3,5	Cutlery and hand tools, incl. saws	41.8	41.4	40.6	41.4	-	-	-	-	-	-
3429	Hardware, n e c	41.5	41.0	40.1	40.9	-	-	-	-	-	-
343	Plumbing and heating, except electric	40.6	41.4	39.9	40.4	40.6	3.5	4.0	2.9	3.4	-
3431,2	Sanitary ware & plumbers' brass goods	40.9	41.3	39.2	40.6	-	-	-	-	-	-
3433	Heating equipment, except electric	40.3	41.5	40.6	40.2	-	-	-	-	-	-
344	Fabricated structural metal products	41.0	40.9	41.3	41.7	(*)	3.7	3.6	4.0	4.3	-
3441	Fabricated structural steel	41.3	41.4	42.3	42.5	-	3.6	3.7	4.7	4.7	-
3442	Metal doors, sash, and trim	39.6	39.6	39.0	39.1	-	-	-	-	-	-
3443	Fabricated plate work (boiler shops)	40.9	40.7	41.2	42.1	-	3.7	3.4	3.6	4.1	-
3444	Sheet metal work	41.5	41.5	41.3	41.9	-	-	-	-	-	-
3446,9	Architectural and misc. metal work	41.7	41.5	42.6	42.7	-	-	-	-	-	-
345	Screw machine products, bolts, etc.	43.3	43.6	43.3	44.2	(*)	5.5	5.8	5.7	6.5	-
3451	Screw machine products	43.0	43.1	42.5	43.5	-	-	-	-	-	-
3452	Bolts, nuts, rivets, and washers	43.6	44.1	44.0	44.8	-	-	-	-	-	-
346	Metal stampings	42.7	42.3	41.7	41.8	41.6	5.2	4.7	4.3	4.5	-
347	Metal services, n e c	40.5	40.5	40.2	40.8	40.3	4.2	4.1	4.0	4.1	-
348	Misc. fabricated wire products	41.3	41.4	40.5	41.2	41.1	3.7	3.8	3.5	4.1	-
349	Misc. fabricated metal products	41.0	41.0	41.2	42.0	41.5	3.6	3.5	3.6	4.4	-
3494,8	Valves, pipe, and pipe fittings	41.1	41.3	41.6	42.3	-	-	-	-	-	-
35	<b>MACHINERY, EXCEPT ELECTRICAL</b>										
351	Engines and turbines	41.8	40.9	41.6	43.0	43.1	4.5	4.4	4.6	5.3	-
3511	Steam engines and turbines	41.1	39.8	41.1	41.8	-	-	-	-	-	-
3519	Internal combustion engines, n e c	42.1	41.4	41.8	43.5	-	-	-	-	-	-
352	Farm machinery, l	42.6	42.3	41.3	42.4	-	4.4	4.4	3.8	5.1	-
353	Construction and related machinery	42.0	42.0	41.8	42.9	42.5	3.3	3.3	3.4	4.9	-
3531,2	Construction and mining machinery	42.2	42.2	41.6	43.0	-	3.0	2.8	3.0	5.0	-
3533	Oil field machinery	43.3	43.5	42.8	43.2	-	-	-	-	-	-
3535,6	Conveyors, hoists, cranes, monorails	41.1	41.5	42.7	43.0	-	-	-	-	-	-
3537	Industrial trucks and tractors	40.7	40.2	40.5	42.0	-	-	-	-	-	-
354	Metal working machinery	43.4	43.3	43.3	44.4	43.9	5.4	5.3	5.5	6.6	-
3541	Machine tools, metal cutting types	43.8	43.5	43.3	45.3	-	5.3	5.4	5.6	7.4	-
3544	Special dies, tools, jigs, & fixtures	44.5	44.8	44.3	44.9	-	-	-	-	-	-
3545	Machine tool accessories	42.3	41.8	43.0	44.1	-	3.9	3.7	5.0	5.9	-
3542,8	Misc. metal working machinery	41.8	41.6	41.8	42.8	-	-	-	-	-	-
355	Special industry machinery	42.4	42.1	42.3	43.4	43.2	4.1	4.0	4.4	5.5	-
3551	Food products machinery	42.0	42.1	42.7	42.8	-	-	-	-	-	-
3552	Textile machinery	41.3	40.0	41.1	41.6	-	-	-	-	-	-
3555	Printing trades machinery	44.5	45.1	44.0	44.8	-	-	-	-	-	-
356	General industrial machinery	42.5	42.5	42.1	43.0	(*)	4.4	4.4	4.7	5.3	-
3561	Pumps and compressors	42.2	42.3	41.6	42.3	-	4.1	4.0	3.9	4.5	-
3562	Ball and roller bearings	43.5	43.5	43.6	44.2	-	5.5	5.5	6.3	6.3	-
3564	Blowers and fans	42.0	42.3	41.6	42.4	-	-	-	-	-	-
3566	Power transmission equipment	43.2	43.1	42.5	43.7	-	4.9	4.8	5.2	6.0	-
357	Office and computing machines	43.2	43.3	41.5	42.1	41.9	3.7	3.9	3.6	3.9	-
3573	Electronic computing equipment	44.0	44.0	42.7	42.3	-	-	-	-	-	-
358	Service industry machines	40.4	40.2	40.4	40.7	41.2	2.8	2.7	2.9	2.9	-
3585	Refrigeration machinery	40.6	40.3	40.6	40.7	-	2.8	2.8	2.8	2.7	-
359	Misc. machinery, except electrical	42.5	42.5	42.3	44.0	43.5	4.9	5.0	5.0	6.2	-

See footnotes at end of table.

**ESTABLISHMENT DATA  
HOURS AND EARNINGS**

**C-2: Gross hours and earnings of production or nonsupervisory workers<sup>1</sup>  
on private nonagricultural payrolls, by industry--Continued**

SIC code	Industry	Average weekly earnings					Average hourly earnings				
		Sept. 1972	Oct. 1972	Aug. 1973	Sept. 1973 <sup>P</sup>	Oct. 1973 <sup>P</sup>	Sept. 1972	Oct. 1972	Aug. 1973	Sept. 1973 <sup>P</sup>	Oct. 1973 <sup>P</sup>
<i>Durable Goods--Continued</i>											
36	ELECTRICAL EQUIPMENT AND SUPPLIES...	\$151.78	\$151.37	\$155.59	\$159.14	\$157.17	\$3.72	\$3.71	\$3.88	\$3.91	\$3.90
361	Electric test & distributing equipment...	156.24	156.59	160.38	164.40	163.61	3.82	3.81	3.96	4.00	4.02
3611	Electric measuring instruments.....	138.79	137.36	140.89	142.44	-	3.41	3.40	3.54	3.57	-
3612	Transformers.....	154.33	155.09	162.80	166.82	-	3.82	3.82	4.00	4.01	-
3613	Switchgear and switchboard apparatus..	171.40	173.88	176.32	183.10	-	4.14	4.14	4.29	4.37	-
362	Electrical industrial apparatus.....	158.08	156.91	158.37	163.96	(*)	3.80	3.79	3.92	3.97	(*)
3621	Motors and generators.....	161.35	160.16	159.19	166.83	-	3.86	3.85	3.96	4.02	-
3622	Industrial controls.....	148.56	145.93	150.80	151.58	-	3.65	3.63	3.77	3.78	-
363	Household appliances.....	161.05	158.59	166.04	170.57	(*)	3.89	3.84	4.11	4.11	(*)
3632	Household refrigerators and freezers...	177.23	170.98	172.73	186.19	-	4.17	4.12	4.34	4.33	-
3633	Household laundry equipment.....	176.26	168.27	200.40	186.66	-	4.32	4.26	4.76	4.69	-
3634	Electric housewares and fans.....	128.07	129.56	133.27	138.99	-	3.17	3.16	3.34	3.39	-
364	Electric lighting and wiring equipment...	142.66	142.66	146.15	148.80	(*)	3.54	3.54	3.70	3.72	-
3641	Electric lamps.....	148.92	149.29	153.23	155.56	-	3.65	3.65	3.85	3.86	-
3642	Lighting fixtures.....	142.84	142.52	146.61	143.19	-	3.58	3.59	3.74	3.70	-
3643,4	Wiring devices.....	139.84	139.78	142.60	148.96	-	3.47	3.46	3.61	3.66	-
365	Radio and TV receiving equipment.....	134.86	135.72	139.23	140.40	138.93	3.38	3.41	3.57	3.60	3.59
366	Communication equipment.....	171.36	170.10	178.57	183.31	(*)	4.20	4.20	4.42	4.46	(*)
3661	Telephone and telegraph apparatus....	175.03	172.86	184.32	189.20	-	4.29	4.30	4.54	4.57	-
3662	Radio and TV communication equipment...	168.09	168.50	173.66	178.73	-	4.13	4.13	4.32	4.37	-
367	Electronic components and accessories..	126.86	127.17	128.30	129.82	129.49	3.14	3.14	3.24	3.27	3.27
3671-3	Electron tubes.....	155.58	157.25	159.58	162.81	-	3.74	3.78	3.95	4.04	-
3674,9	Other electronic components.....	121.40	122.11	123.32	124.74	-	3.02	3.03	3.13	3.15	-
369	Misc. electrical equipment & supplies...	172.63	175.95	181.83	184.80	186.98	4.13	4.14	4.35	4.40	4.41
3694	Engine electrical equipment.....	180.58	184.45	191.48	195.34	-	4.32	4.34	4.57	4.64	-
37	TRANSPORTATION EQUIPMENT.....	203.52	202.02	200.80	213.09	215.79	4.80	4.81	5.02	5.11	5.15
371	Motor vehicles and equipment.....	226.37	223.86	216.54	235.64	(*)	5.18	5.17	5.40	5.48	(*)
3711	Motor vehicles.....	237.89	234.13	214.14	245.96	-	5.37	5.37	5.68	5.72	-
3712	Passenger car bodies.....	247.65	233.24	158.95	253.21	-	5.68	5.58	5.78	5.93	-
3713	Truck and bus bodies.....	182.75	179.76	174.44	179.49	-	4.29	4.28	4.35	4.41	-
3714	Motor vehicle parts and accessories....	221.85	222.29	233.60	234.36	-	5.10	5.11	5.37	5.40	-
3715	Truck trailers.....	153.41	153.87	156.02	162.81	-	3.76	3.79	3.96	4.04	-
372	Aircraft and parts.....	196.41	198.61	207.14	210.08	(*)	4.71	4.74	5.04	5.05	(*)
3721	Aircraft.....	198.79	202.31	210.94	212.90	-	4.79	4.84	5.17	5.18	-
3722	Aircraft engines and engine parts.....	201.24	202.08	209.80	214.80	-	4.78	4.80	5.08	5.09	-
3723,9	Other aircraft parts and equipment.....	183.85	186.01	194.69	199.13	-	4.43	4.45	4.68	4.73	-
373	Ship and boat building and repairing...	167.26	160.19	167.96	169.12	(*)	4.14	4.15	4.34	4.37	(*)
3731	Ship building and repairing.....	177.72	168.21	176.18	176.40	-	4.41	4.45	4.60	4.63	-
3732	Boat building and repairing.....	136.68	136.35	142.96	148.23	-	3.35	3.35	3.61	3.66	-
374	Railroad equipment.....	188.37	187.11	196.74	201.33	-	4.88	4.86	5.11	5.11	-
375,9	Other transportation equipment.....	142.16	141.15	143.52	146.23	-	3.51	3.52	3.68	3.74	-
38	INSTRUMENTS AND RELATED PRODUCTS..	152.97	151.81	155.57	161.52	160.74	3.74	3.73	3.87	3.93	3.93
381	Engineering & scientific instruments....	179.28	173.36	172.48	180.11	-	4.32	4.27	4.28	4.34	-
382	Mechanical measuring & control devices..	147.83	147.10	151.93	157.38	(*)	3.65	3.65	3.77	3.82	(*)
3821	Mechanical measuring devices.....	147.46	147.10	152.22	157.70	-	3.65	3.65	3.74	3.80	-
3822	Automatic temperature controls.....	147.83	147.46	151.24	157.08	-	3.65	3.65	3.80	3.85	-
383,5	Optical and ophthalmic goods.....	137.83	135.60	141.37	144.84	-	3.42	3.39	3.57	3.63	(*)
385	Ophthalmic goods.....	128.08	123.80	128.48	131.82	-	3.21	3.15	3.32	3.38	-
384	Medical instruments and supplies.....	134.87	134.34	133.96	139.95	140.70	3.33	3.35	3.40	3.49	3.50
386	Photographic equipment and supplies....	189.45	189.93	196.77	204.96	(*)	4.50	4.49	4.73	4.80	(*)
387	Watches, clocks, and watchcases.....	119.36	119.18	124.43	127.89	-	2.94	2.95	3.15	3.15	-
39	MISC. MANUFACTURING INDUSTRIES.....	123.64	123.64	126.81	129.42	128.43	3.13	3.13	3.26	3.31	3.31
391	Jewelry, silverware, and plated ware....	136.40	138.05	138.57	142.72	(*)	3.41	3.46	3.59	3.65	(*)
394	Toys and sporting goods.....	111.61	112.86	114.73	117.09	-	2.84	2.85	2.98	3.01	-
3941-3	Games, toys, dolls & play vehicles....	107.36	108.74	110.50	111.17	-	2.76	2.76	2.87	2.88	-
3949	Sporting and athletic goods, n e c.....	117.60	117.81	120.51	124.66	-	2.94	2.96	3.13	3.18	-
395	Pens, pencils, office and art supplies....	127.66	128.96	133.17	134.15	-	3.16	3.20	3.28	3.28	-
396	Costume jewelry and notions.....	110.98	111.27	111.97	114.46	-	2.89	2.89	2.97	3.02	-
393,9	Other manufacturing industries.....	132.26	131.93	137.16	140.23	139.16	3.34	3.34	3.49	3.55	3.55
393	Musical instruments and parts.....	128.15	129.60	132.92	134.67	-	3.18	3.20	3.29	3.35	-
<i>Nondurable Goods</i>											
20	FOOD AND KINDRED PRODUCTS.....	148.01	146.65	157.03	159.01	157.93	3.61	3.63	3.83	3.85	3.89
201	Meat products.....	158.95	155.45	159.18	162.76	(*)	3.83	3.81	3.94	3.96	(*)
2011	Meat packing plants.....	195.43	190.49	198.08	200.51	-	4.62	4.59	4.75	4.82	-
2013	Sausages and other prepared meats....	175.37	172.46	180.18	178.45	-	4.33	4.29	4.46	4.45	-
2015	Poultry dressing plants.....	98.09	97.20	98.69	105.26	-	2.41	2.43	2.55	2.58	-

See footnotes at end of table.

C-2: Gross hours and earnings of production or nonsupervisory workers<sup>1</sup>  
on private nonagricultural payrolls, by industry--Continued

SIC Code	Industry	Average weekly hours					Average overtime hours				
		Sept. 1972	Oct. 1972	Aug. 1973	Sept. 1973 <sup>P</sup>	Oct. 1973 <sup>P</sup>	Sept. 1972	Oct. 1972	Aug. 1973	Sept. 1973 <sup>P</sup>	Oct. 1973 <sup>P</sup>
<i>Durable Goods--Continued</i>											
36	<b>ELECTRICAL EQUIPMENT AND SUPPLIES . . . . .</b>	40.8	40.8	40.1	40.7	40.3	3.1	3.1	2.9	3.3	-
361	Electric test & distributing equipment . . . . .	40.9	41.1	40.5	41.1	40.7	3.1	3.0	3.1	3.6	-
3611	Electric measuring instruments . . . . .	40.7	40.4	39.8	39.9	-	2.8	2.6	2.6	2.5	-
3612	Transformers . . . . .	40.4	40.6	40.7	41.6	-	-	-	-	-	-
3613	Switchgear and switchboard apparatus . . . . .	41.4	42.0	41.1	41.9	-	-	-	-	-	-
362	Electrical industrial apparatus . . . . .	41.6	41.4	40.4	41.3	(*)	3.5	3.4	3.2	3.7	-
3621	Motors and generators . . . . .	41.8	41.6	40.2	41.5	-	3.7	3.6	3.0	3.8	-
3622	Industrial controls . . . . .	40.7	40.2	40.0	40.1	-	3.1	2.6	2.9	2.9	-
363	Household appliances . . . . .	41.4	41.3	40.4	41.5	(*)	3.3	3.2	3.0	3.3	-
3632	Household refrigerators and freezers . . . . .	42.5	41.5	39.8	43.0	-	-	-	-	-	-
3633	Household laundry equipment . . . . .	40.8	39.5	42.1	39.8	-	-	-	-	-	-
3634	Electric housewares and fans . . . . .	40.4	41.0	39.9	41.0	-	3.1	3.4	2.9	3.6	-
364	Electric lighting and wiring equipment . . . . .	40.3	40.3	39.5	40.0	(*)	2.8	2.9	2.8	2.9	-
3641	Electric lamps . . . . .	40.8	40.9	39.8	40.3	-	2.6	2.8	2.3	2.5	-
3642	Lighting fixtures . . . . .	39.9	39.7	39.2	38.7	-	2.7	2.9	3.3	2.5	-
3643,4	Wiring devices . . . . .	40.3	40.4	39.5	40.7	-	2.9	2.9	2.7	3.4	-
365	Radio and TV receiving equipment . . . . .	39.9	39.8	39.0	39.0	38.7	2.7	2.9	2.3	2.7	-
366	Communication equipment . . . . .	40.8	40.5	40.4	41.1	(*)	2.8	2.5	2.5	2.9	-
3661	Telephone and telegraph apparatus . . . . .	40.8	40.2	40.6	41.4	-	-	-	-	-	-
3662	Radio and TV communication equipment . . . . .	40.7	40.8	40.2	40.9	-	2.9	2.6	2.5	2.8	-
367	Electronic components and accessories . . . . .	40.4	40.5	39.6	39.7	39.6	3.3	3.2	2.8	3.1	-
3671-3	Electron tubes . . . . .	41.6	41.6	40.4	40.3	-	3.8	3.1	2.5	2.6	-
3674,9	Other electronic components . . . . .	40.2	40.3	39.4	39.6	-	3.2	3.2	2.9	3.2	-
369	Misc. electrical equipment & supplies . . . . .	41.8	42.5	41.8	42.0	42.4	3.7	4.2	3.9	4.3	-
3694	Engine electrical equipment . . . . .	41.8	42.5	41.9	42.1	-	-	-	-	-	-
37	<b>TRANSPORTATION EQUIPMENT . . . . .</b>	42.4	42.0	40.0	41.7	41.9	4.8	4.7	4.2	4.6	-
371	Motor vehicles and equipment . . . . .	43.7	43.3	40.1	43.0	-	5.9	5.8	5.3	5.6	-
3711	Motor vehicles . . . . .	44.3	43.6	37.7	43.0	-	6.5	6.2	5.7	5.8	-
3712	Passenger car bodies . . . . .	43.6	41.8	27.5	42.7	-	-	-	-	-	-
3713	Truck and bus bodies . . . . .	42.6	42.0	40.1	40.7	-	-	-	-	-	-
3714	Motor vehicle parts and accessories . . . . .	43.5	43.5	43.5	43.4	-	5.6	5.6	5.9	5.9	-
3715	Truck trailers . . . . .	40.8	40.6	39.4	40.3	-	-	-	-	-	-
372	Aircraft and parts . . . . .	41.7	41.9	41.1	41.6	(*)	3.4	3.4	3.0	3.6	-
3721	Aircraft . . . . .	41.5	41.8	40.8	41.1	-	2.9	2.8	2.3	2.7	-
3722	Aircraft engines and engine parts . . . . .	42.1	42.1	41.3	42.2	-	4.0	4.2	3.6	4.4	-
3723,9	Other aircraft parts and equipment . . . . .	41.5	41.8	41.6	42.1	-	4.0	4.1	4.1	4.5	-
373	Ship and boat building and repairing . . . . .	40.4	38.6	38.7	38.7	(*)	4.0	3.6	2.8	3.1	-
3731	Ship building and repairing . . . . .	40.3	37.8	38.3	38.1	-	-	-	-	-	-
3732	Boat building and repairing . . . . .	40.8	40.7	39.6	40.5	-	-	-	-	-	-
374	Railroad equipment . . . . .	38.6	38.5	38.5	39.4	-	2.2	2.0	2.9	2.9	-
375,9	Other transportation equipment . . . . .	40.5	40.1	39.0	39.1	-	3.8	3.3	2.6	2.7	-
38	<b>INSTRUMENTS AND RELATED PRODUCTS . . . . .</b>	40.9	40.7	40.2	41.1	40.9	3.1	3.0	2.7	3.4	-
381	Engineering & scientific instruments . . . . .	41.5	40.6	40.3	41.5	-	4.1	3.2	3.1	3.8	-
382	Mechanical measuring & control devices . . . . .	40.5	40.3	40.3	41.2	(*)	3.1	3.1	3.1	3.7	-
3821	Mechanical measuring devices . . . . .	40.4	40.3	40.7	41.5	-	2.9	2.6	3.2	4.0	-
3822	Automatic temperature controls . . . . .	40.5	40.4	39.8	40.8	-	3.5	3.6	2.9	3.2	-
383,5	Optical and ophthalmic goods . . . . .	40.3	40.0	39.6	39.9	(*)	2.9	2.9	2.2	2.8	-
385	Ophthalmic goods . . . . .	39.9	39.3	38.7	39.0	-	2.7	2.6	1.6	2.1	-
384	Medical instruments and supplies . . . . .	40.5	40.1	39.4	40.1	40.2	2.6	2.4	2.4	2.8	-
386	Photographic equipment and supplies . . . . .	42.1	42.3	41.6	42.7	(*)	3.6	3.6	3.0	4.0	-
387	Watches, clocks, and watch cases . . . . .	40.6	40.4	39.5	40.6	-	2.7	3.1	2.1	3.0	-
39	<b>MISC. MANUFACTURING INDUSTRIES . . . . .</b>	39.5	39.5	38.9	39.1	38.8	2.9	3.0	2.4	2.8	-
391	Jewelry, silverware, and plated ware . . . . .	40.0	39.9	38.6	39.1	(*)	3.3	4.0	2.2	3.1	-
393	Toys and sporting goods . . . . .	39.3	39.6	38.5	38.9	-	3.1	3.2	2.4	2.9	-
3941-3	Games, toys, dolls, & play vehicles . . . . .	38.9	39.4	38.5	38.6	-	-	-	-	-	-
3949	Sporting and athletic goods, n.e.c. . . . .	40.0	39.8	38.5	39.2	-	-	-	-	-	-
395	Pens, pencils, office and art supplies . . . . .	40.4	40.3	40.6	40.9	-	3.0	2.7	3.2	3.4	-
396	Costume jewelry and notions . . . . .	38.4	38.5	37.7	37.9	-	2.3	2.0	1.9	2.2	-
393,9	Other manufacturing industries . . . . .	39.6	39.5	39.3	39.5	39.2	2.9	2.9	2.5	2.9	-
393	Musical instruments and parts . . . . .	40.3	40.5	40.4	40.2	-	3.0	3.0	2.9	2.8	-
<i>Nondurable Goods</i>											
20	<b>FOOD AND KINDRED PRODUCTS . . . . .</b>	41.0	40.4	41.0	41.3	40.6	4.4	4.1	4.4	4.8	-
201	Meat products . . . . .	41.5	40.8	40.4	41.1	(*)	4.6	4.3	4.5	4.7	-
2011	Meat packing plants . . . . .	42.3	41.5	41.7	41.6	-	4.8	4.1	5.0	5.0	-
2013	Sausages and other prepared meats . . . . .	40.5	40.2	40.4	40.1	-	-	-	-	-	-
2015	Poultry dressing plants . . . . .	40.7	40.0	38.7	40.8	-	-	-	-	-	-

See footnotes at end of table.

**ESTABLISHMENT DATA  
HOURS AND EARNINGS**

**C-2: Gross hours and earnings of production or nonsupervisory workers<sup>1</sup>  
on private nonagricultural payrolls, by industry--Continued**

SIC Code	Industry	Average weekly earnings					Average hourly earnings				
		Sept. 1972	Oct. 1972	Aug. 1973	Sept. 1973 <sup>p</sup>	Oct. 1973 <sup>p</sup>	Sept. 1972	Oct. 1972	Aug. 1973	Sept. 1973 <sup>p</sup>	Oct. 1973 <sup>p</sup>
	<i>Nondurable Goods--Continued</i>										
	<b>FOOD AND KINDRED PRODUCTS--Continued</b>										
202	Dairy products .....	\$154.71	\$152.48	\$162.18	\$165.11	\$163.58	\$3.71	\$3.71	\$3.88	\$3.95	\$3.98
2024	Ice cream and frozen desserts .....	147.02	144.87	155.70	157.85	-	3.63	3.64	3.77	3.85	-
2026	Fluid milk .....	164.05	160.16	170.49	174.23	-	3.86	3.85	4.04	4.09	-
203	Canned, cured, and frozen foods .....	119.99	115.06	133.13	136.12	-	3.03	3.02	3.32	3.32	-
2031,6	Canned, cured, and frozen sea foods .....	93.10	88.18	100.54	102.95	-	2.66	2.64	2.84	2.90	-
2032,3	Canned food, except sea foods .....	126.77	120.58	142.97	145.74	-	3.13	3.19	3.53	3.47	-
2037	Frozen fruits and vegetables .....	113.76	118.12	127.91	131.55	-	2.88	2.86	3.06	3.11	-
204	Grain mill products .....	175.70	174.47	186.91	186.75	(*)	3.87	3.86	4.09	4.15	(*)
2041	Flour and other grain mill products .....	198.55	193.34	216.92	213.40	-	4.18	4.14	4.40	4.40	-
2042	Prepared feeds for animals and fowls .....	154.77	152.09	156.98	159.58	-	3.35	3.35	3.45	3.57	-
205	Bakery products .....	151.60	149.31	160.40	160.79	160.78	3.79	3.78	4.00	4.05	4.06
2051	Bread, cake, and related products .....	152.08	149.75	160.79	161.50	-	3.85	3.83	4.05	4.12	-
2052	Cookies and crackers .....	150.06	148.10	158.95	158.62	-	3.59	3.63	3.83	3.85	-
206	Sugar .....	162.80	145.20	174.72	177.66	-	4.00	3.55	4.17	4.23	-
207	Confectionery and related products .....	135.05	129.28	137.76	142.16	(*)	3.27	3.20	3.47	3.51	(*)
2071	Confectionery products .....	130.19	123.91	131.38	136.40	-	3.16	3.09	3.36	3.41	-
208	Beverages .....	169.60	167.45	186.46	187.63	186.13	4.24	4.25	4.57	4.61	4.63
2082	Malt liquors .....	230.16	225.03	257.65	261.14	-	5.60	5.57	6.12	6.13	-
2086	Bottled and canned soft drinks .....	127.75	122.68	139.13	136.80	-	3.17	3.17	3.41	3.42	-
209	Misc. foods and kindred products .....	152.64	152.28	159.26	164.12	-	3.60	3.60	3.81	3.88	(*)
21	<b>TOBACCO MANUFACTURES</b> .....	126.97	133.17	145.84	143.52	144.34	3.35	3.38	3.73	3.68	3.72
211	Cigarettes .....	158.63	165.68	178.20	173.50	-	4.23	4.27	4.50	4.53	-
212	Cigars .....	90.88	92.96	97.46	101.08	-	2.43	2.44	2.62	2.66	-
22	<b>TEXTILE MILL PRODUCTS</b> .....	114.13	114.26	119.43	124.12	122.72	2.75	2.76	2.92	3.02	3.03
221	Weaving mills, cotton .....	116.45	115.06	120.10	129.02	(*)	2.74	2.72	2.88	3.05	(*)
222	Weaving mills, synthetics .....	119.28	119.56	126.82	133.85	128.34	2.80	2.80	2.97	3.12	3.10
223	Weaving and finishing mills, wool .....	120.54	119.39	124.64	126.07	(*)	2.87	2.87	3.04	3.06	(*)
224	Narrow fabric mills .....	109.75	111.38	112.63	116.06	(*)	2.69	2.73	2.83	2.88	(*)
225	Knitting mills .....	104.15	105.20	110.19	110.98	111.65	2.65	2.67	2.84	2.89	2.90
2251	Women's hosiery, except socks .....	97.02	94.74	96.10	95.23	-	2.56	2.54	2.64	2.66	-
2252	Hosiery, n e c .....	91.30	93.69	96.65	96.12	-	2.39	2.39	2.53	2.57	-
2253	Knit outerwear mills .....	105.49	108.31	112.78	112.72	-	2.74	2.77	2.96	2.99	-
2254	Knit underwear mills .....	93.21	94.85	101.40	99.96	-	2.44	2.47	2.60	2.61	-
226	Textile finishing, except wool .....	125.11	127.37	128.03	132.80	(*)	2.93	2.99	3.10	3.20	(*)
227	Floor covering mills .....	125.38	124.10	133.03	136.96	-	2.95	2.92	3.13	3.20	-
228	Yarn and thread mills .....	106.75	107.17	113.84	117.45	117.42	2.56	2.57	2.73	2.83	2.85
229	Miscellaneous textile goods .....	132.49	132.40	133.01	138.93	137.78	3.11	3.13	3.26	3.30	3.32
23	<b>APPAREL AND OTHER TEXTILE PRODUCTS</b> .....	95.93	96.65	100.44	101.96	102.10	2.65	2.67	2.79	2.84	2.86
231	Men's and boys' suits and coats .....	120.24	121.88	127.06	126.73	(*)	3.34	3.33	3.51	3.54	(*)
232	Men's and boys' furnishings .....	85.10	86.07	89.18	91.13	91.73	2.30	2.32	2.43	2.49	2.52
2321	Men's and boys' shirts and nightwear .....	83.45	83.85	86.39	88.69	-	2.28	2.31	2.38	2.45	-
2327	Men's and boys' separate trousers .....	84.27	85.84	90.53	92.48	-	2.29	2.32	2.46	2.52	-
2328	Men's and boys' work clothing .....	81.31	82.62	84.87	86.48	-	2.18	2.18	2.30	2.35	-
233	Women's and misses' outerwear .....	96.44	96.50	99.67	99.50	98.01	2.82	2.83	2.94	2.97	2.97
2331	Women's and misses' blouses and waists .....	89.15	90.98	93.26	94.88	-	2.54	2.57	2.68	2.75	-
2335	Women's and misses' dresses .....	95.95	96.32	99.66	97.55	-	2.89	2.91	3.02	3.02	-
2337	Women's and misses' suits and coats .....	112.55	109.56	113.23	116.27	-	3.32	3.32	3.36	3.44	-
2339	Women's and misses' outerwear, n e c .....	88.31	90.75	92.13	94.16	-	2.46	2.50	2.61	2.66	-
234	Women's and children's undergarments .....	88.43	88.67	91.48	94.06	94.02	2.39	2.39	2.52	2.57	2.59
2341	Women's and children's underwear .....	85.70	86.30	89.30	92.12	-	2.31	2.32	2.46	2.51	-
2342	Corsets and allied garments .....	95.57	95.09	97.11	99.37	-	2.59	2.57	2.69	2.73	-
235	Hats, caps, and millinery .....	84.14	87.48	91.48	97.00	-	2.37	2.41	2.42	2.50	-
236	Children's outerwear .....	87.58	87.71	91.59	92.05	92.58	2.46	2.45	2.58	2.63	2.63
2361	Children's dresses and blouses .....	83.87	87.96	89.96	88.40	-	2.41	2.45	2.60	2.60	-
237,8	Fur goods and miscellaneous apparel .....	97.89	99.01	100.01	102.76	-	2.66	2.72	2.74	2.80	-
239	Misc. fabricated textile products .....	112.23	114.37	120.90	123.80	124.26	2.90	2.94	3.10	3.15	3.17
2391,2	Housefurnishings .....	92.96	94.08	97.16	100.61	-	2.44	2.45	2.55	2.62	-
26	<b>PAPER AND ALLIED PRODUCTS</b> .....	173.23	173.26	180.62	184.04	181.90	4.01	4.02	4.24	4.28	4.28
261,2,6	Paper and pulp mills .....	199.36	201.15	211.31	214.97	214.01	4.49	4.51	4.77	4.82	4.82
263	Paperboard mills .....	207.47	206.56	215.01	217.24	217.65	4.59	4.57	4.81	4.86	4.88
264	Misc. converted paper products .....	151.68	151.32	157.70	160.13	160.19	3.62	3.62	3.80	3.84	3.86
2643	Bags, except textile bags .....	146.72	144.14	152.44	157.13	-	3.51	3.49	3.70	3.75	-
265	Paperboard containers and boxes .....	156.83	156.14	161.07	165.06	(*)	3.69	3.70	3.90	3.93	(*)
2651,2	Folding and setup paperboard boxes .....	142.07	139.88	147.46	149.33	-	3.44	3.42	3.65	3.66	-
2653	Corrugated and solid fiber boxes .....	170.04	170.04	172.62	177.18	-	3.90	3.90	4.11	4.13	-
2654	Sanitary food containers .....	149.81	144.79	155.91	161.03	-	3.55	3.54	3.73	3.78	-

See footnotes at end of table.

C-2: Gross hours and earnings of production or nonsupervisory workers<sup>1</sup>  
on private nonagricultural payrolls, by industry--Continued

SIC Code	Industry	Average weekly hours					Average overtime hours				
		Sept. 1972	Oct. 1972	Aug. 1973	Sept. 1973 <sup>P</sup>	Oct. 1973 <sup>P</sup>	Sept. 1972	Oct. 1972	Aug. 1973	Sept. 1973 <sup>P</sup>	Oct. 1973 <sup>P</sup>
	<i>Nondurable Goods--Continued</i>										
	<b>FOOD AND KINDRED PRODUCTS--Continued</b>										
202	Dairy products.....	41.7	41.1	41.8	41.8	41.1	4.3	3.6	4.5	4.4	--
2024	Ice cream and frozen desserts.....	40.5	39.8	41.3	41.0	--	--	--	--	--	--
2026	Fluid milk.....	42.5	41.6	42.2	42.6	--	--	--	--	--	--
203	Canned, cured, and frozen foods.....	39.6	38.1	40.1	41.0	--	3.9	3.3	4.0	5.0	--
2031,6	Canned, cured and frozen sea foods.....	35.0	33.4	35.4	35.5	--	--	--	--	--	--
2032,3	Canned food, except sea foods.....	40.5	37.8	40.5	42.0	--	--	--	--	--	--
2037	Frozen fruits and vegetables.....	39.5	41.3	41.8	42.3	--	--	--	--	--	--
204	Grain mill products.....	45.4	45.2	45.7	45.0	(*)	7.4	7.2	7.8	7.7	--
2041	Flour and other grain mill product.....	47.5	46.7	49.3	48.5	--	--	--	--	--	--
2042	Prepared feeds for animals and fowls.....	46.2	45.4	45.5	44.7	--	--	--	--	--	--
205	Bakery products.....	40.0	39.5	40.1	39.7	39.6	3.9	3.5	3.7	3.7	--
2051	Bread, cake, and related products.....	39.5	39.1	39.7	39.2	--	--	--	--	--	--
2052	Cookies and crackers.....	41.8	40.8	41.5	41.2	--	--	--	--	--	--
206	Sugar.....	40.7	40.9	41.9	42.0	--	4.6	4.6	3.9	4.9	--
207	Confectionery and related products.....	41.3	40.4	39.7	40.5	(*)	3.9	3.2	2.6	3.4	--
2071	Confectionery products.....	41.2	40.1	39.1	40.0	--	--	--	--	--	--
208	Beverages.....	40.0	39.4	40.8	40.7	40.2	3.8	3.2	4.0	4.1	--
2082	Malt liquors.....	41.1	40.4	42.1	42.6	--	--	--	--	--	--
2086	Bottled and canned soft drinks.....	40.3	38.7	40.8	40.0	--	--	--	--	--	--
209	Misc. foods and kindred products.....	42.4	42.3	41.8	42.3	(*)	5.1	5.2	4.9	5.3	--
21	<b>TOBACCO MANUFACTURES</b> .....	37.9	39.4	39.1	39.0	38.8	1.2	2.2	2.6	2.1	--
211	Cigarettes.....	37.5	38.8	39.6	38.3	--	.8	2.7	3.3	2.5	--
212	Cigars.....	37.4	38.1	37.2	38.0	--	1.3	1.3	1.4	1.5	--
22	<b>TEXTILE MILL PRODUCTS</b> .....	41.5	41.4	40.9	41.1	40.5	4.6	4.6	4.3	4.5	--
221	Weaving mills, cotton.....	42.5	42.3	41.7	42.3	(*)	5.3	5.3	4.8	5.5	--
222	Weaving mills, synthetics.....	42.6	42.7	42.7	42.9	41.4	5.6	5.8	5.5	5.6	--
223	Weaving and finishing mills, wool.....	42.0	41.6	41.0	41.2	(*)	4.4	3.8	3.9	4.1	--
224	Narrow fabric mills.....	40.8	40.8	39.8	40.3	(*)	3.5	3.8	3.2	3.6	--
225	Knitting mills.....	39.3	39.4	38.8	38.4	38.5	3.3	3.3	3.0	2.8	--
2251	Women's hosiery, except socks.....	37.9	37.3	36.4	35.8	--	--	--	--	--	--
2252	Hosiery, n e c.....	38.2	39.2	38.2	37.4	--	--	--	--	--	--
2253	Knit outerwear mills.....	38.5	39.1	38.1	37.7	--	--	--	--	--	--
2254	Knit underwear mills.....	38.2	38.4	39.0	38.3	--	--	--	--	--	--
226	Textile finishing, except wool.....	42.7	42.6	41.3	41.5	(*)	5.3	5.4	4.6	4.7	--
227	Floor covering mills.....	42.5	42.5	42.5	42.8	--	5.2	5.0	5.5	5.5	--
228	Yarn and thread mills.....	41.7	41.7	41.7	41.5	41.2	4.8	4.7	4.8	4.8	--
229	Miscellaneous textile goods.....	42.6	42.3	40.8	42.1	41.5	5.0	5.1	4.2	4.9	--
23	<b>APPAREL AND OTHER TEXTILE PRODUCTS</b> .....	36.2	36.2	36.0	35.9	35.7	1.6	1.6	1.6	1.6	--
231	Men's and boys' suits and coats.....	36.0	36.6	36.2	35.8	(*)	1.0	1.2	1.2	1.3	--
232	Men's and boys' furnishings.....	37.0	37.1	36.7	36.6	36.4	1.5	1.5	1.4	1.4	--
2321	Men's and boys' shirts and nightwear.....	36.6	36.3	36.3	36.2	--	1.3	1.3	1.2	1.5	--
2327	Men's and boys' separate trousers.....	36.8	37.0	36.8	36.7	--	--	--	--	--	--
2328	Men's and boys' work clothing.....	37.3	37.9	36.9	36.8	--	1.5	1.6	1.2	1.3	--
233	Women's and misses' outerwear.....	34.2	34.1	33.9	33.5	33.0	1.3	1.3	1.2	1.1	--
2331	Women's and misses' blouses and waists.....	35.1	35.4	34.8	34.5	--	--	--	--	--	--
2335	Women's and misses' dresses.....	33.2	33.1	33.0	32.3	--	1.3	1.1	1.1	.9	--
2337	Women's and misses' suits and coats.....	33.9	33.0	33.7	33.8	--	1.2	1.5	1.3	1.4	--
2339	Women's and misses' outerwear, n e c.....	35.9	36.3	35.3	35.4	--	1.4	1.6	1.3	1.3	--
234	Women's and children's undergarments.....	37.0	37.1	36.3	36.6	36.3	1.7	1.7	1.4	1.8	--
2341	Women's and children's underwear.....	37.1	37.2	36.3	36.7	--	--	--	--	--	--
2342	Corsets and allied garments.....	36.9	37.0	36.1	36.4	--	--	--	--	--	--
235	Hats, caps, and millinery.....	35.5	36.3	37.8	38.8	--	1.3	1.9	1.6	1.9	--
236	Children's outerwear.....	35.6	35.8	35.5	35.0	35.2	1.4	1.4	1.6	1.1	--
2361	Children's dresses and blouses.....	34.8	35.9	34.6	34.0	--	--	--	--	--	--
237,8	Fur goods and miscellaneous apparel.....	36.8	36.4	36.5	36.7	--	1.5	1.5	1.4	1.6	--
239	Misc. fabricated textile products.....	38.7	38.9	39.0	39.3	39.2	2.9	3.1	3.3	3.4	--
2391,2	Housefurnishings.....	38.1	38.4	38.1	38.4	--	--	--	--	--	--
26	<b>PAPER AND ALLIED PRODUCTS</b> .....	43.2	43.1	42.6	43.0	42.5	5.5	5.4	5.1	5.5	--
261,2,6	Paper and pulp mills.....	44.4	44.6	44.3	44.6	44.4	6.4	6.5	6.4	6.8	--
263	Paperboard mills.....	45.2	45.2	44.7	44.7	44.6	7.6	7.7	7.3	7.6	--
264	Misc. converted paper products.....	41.9	41.8	41.5	41.7	41.5	4.2	4.1	3.9	4.4	--
2643	Bags, except textile bags.....	41.8	41.3	41.2	41.9	--	--	--	--	--	--
265	Paperboard containers and boxes.....	42.5	42.2	41.3	42.0	(*)	5.1	4.6	4.3	4.7	--
2651,2	Folding and setup paperboard boxes.....	41.3	40.9	40.4	40.8	--	--	--	--	--	--
2653	Corrugated and solid fiber boxes.....	43.6	43.6	42.0	42.9	--	6.2	5.7	4.8	5.4	--
2654	Sanitary food containers.....	42.2	40.9	41.8	42.6	--	--	--	--	--	--

See footnotes at end of table.

# ESTABLISHMENT DATA HOURS AND EARNINGS

90

C-2: Gross hours and earnings of production or nonsupervisory workers<sup>1</sup>  
on private nonagricultural payrolls, by industry--Continued

SIC Code	Industry	Average weekly earnings					Average hourly earnings					
		Sept. 1972	Oct. 1972	Aug. 1973	Sept. 1973 P	Oct. 1973 P	Sept. 1972	Oct. 1972	Aug. 1973	Sept. 1973 P	Oct. 1973 P	
	<i>Nondurable Goods--Continued</i>											
27	<b>PRINTING AND PUBLISHING</b>	\$175.56	\$172.90	\$178.13	\$181.93	\$180.40	\$4.56	\$4.55	\$4.70	\$4.75	\$4.76	
271	Newspapers	179.86	179.57	182.66	183.21	183.04	5.01	5.03	5.16	5.19	5.20	
272	Periodicals	204.67	197.96	209.41	223.02	-	4.92	4.84	5.12	5.31	-	
273	Books	161.60	159.98	166.03	168.04	-	4.05	4.05	4.13	4.18	-	
275	Commercial printing	182.22	177.38	183.14	187.85	186.15	4.59	4.56	4.72	4.78	4.81	
2751	Commercial printing, ex. lithographic	174.64	171.21	174.86	178.62	-	4.41	4.39	4.53	4.58	-	
2752	Commercial printing, lithographic	193.91	187.11	196.50	202.69	-	4.86	4.81	5.00	5.08	-	
278	Blankbooks and bookbinding	129.79	130.52	133.38	139.65	(*)	3.38	3.39	3.51	3.59	(*)	
274,6,7,9	Other publishing & printing ind.	174.21	169.99	179.03	182.28	(*)	4.49	4.45	4.65	4.71	(*)	
28	<b>CHEMICALS AND ALLIED PRODUCTS</b>	178.49	179.76	188.10	190.26	188.48	4.26	4.28	4.50	4.53	4.52	
281	Industrial chemicals	202.30	204.11	214.35	216.57	(*)	4.76	4.78	5.02	5.06	-	
2812	Alkalies and chlorine	211.40	218.09	227.01	217.30	-	4.74	4.89	5.09	5.03	-	
2818	Industrial organic chemicals, n.e.c.	217.26	220.62	232.09	236.42	-	5.10	5.06	5.36	5.41	-	
2819	Industrial inorganic chemicals, n.e.c.	192.70	189.57	200.38	204.12	-	4.61	4.59	4.84	4.86	-	
282	Plastics materials and synthetics	175.13	175.55	182.67	183.52	183.54	4.15	4.16	4.37	4.38	4.37	
2821	Plastics materials and resins	193.56	197.57	203.08	204.77	-	4.46	4.47	4.69	4.74	-	
2823,4	Synthetic fibers	158.59	157.06	166.05	166.05	-	3.84	3.84	4.06	4.05	-	
283	Drugs	165.62	168.51	173.44	176.36	175.48	4.02	4.09	4.22	4.26	4.28	
2834	Pharmaceutical preparations	163.56	166.83	169.33	173.05	-	3.97	4.02	4.13	4.18	-	
284	Soap, cleaners, and toilet goods	170.97	171.35	181.52	183.23	179.29	4.17	4.21	4.46	4.48	4.46	
2841	Soap and other detergents	225.25	225.32	242.97	238.52	-	5.19	5.24	5.56	5.56	-	
2844	Toilet preparations	134.46	134.16	140.87	144.30	-	3.43	3.44	3.64	3.70	-	
285	Paints and allied products	163.51	162.74	173.88	175.54	(*)	3.94	3.95	4.20	4.24	(*)	
287	Agricultural chemicals	153.97	157.08	163.35	165.85	(*)	3.64	3.67	3.88	3.93	(*)	
2871,2	Fertilizers, complete & mixing only	145.32	150.07	155.35	158.95	-	3.46	3.49	3.69	3.74	-	
286,9	Other chemical products	168.06	168.87	178.05	179.34	(*)	4.04	4.04	4.28	4.27	(*)	
2892	Explosives	167.69	170.14	178.83	180.46	-	4.09	4.09	4.33	4.38	-	
29	<b>PETROLEUM AND COAL PRODUCTS</b>	214.00	213.93	221.65	228.43	226.08	5.00	5.01	5.24	5.30	5.27	
291	Petroleum refining	222.18	222.60	229.22	237.44	(*)	5.29	5.30	5.55	5.60	(*)	
295,9	Other petroleum and coal products	189.32	186.85	199.34	202.49	(*)	4.17	4.18	4.42	4.47	(*)	
30	<b>RUBBER AND PLASTICS PRODUCTS, N.E.C.</b>	151.89	152.77	154.69	159.03	155.88	3.66	3.69	3.81	3.86	3.83	
301	Tires and inner tubes	223.45	226.09	225.13	241.20	(*)	5.09	5.15	5.26	5.36	(*)	
302,3,6	Other rubber products	147.38	147.14	151.40	152.52	(*)	3.56	3.58	3.72	3.72	(*)	
302	Rubber footwear	115.82	113.29	115.33	119.69	-	2.91	2.89	2.98	3.03	-	
307	Miscellaneous plastics products	129.74	130.24	132.87	134.74	(*)	3.18	3.20	3.33	3.36	(*)	
31	<b>LEATHER AND LEATHER PRODUCTS</b>	103.63	102.00	106.68	107.73	108.11	2.72	2.72	2.80	2.85	2.86	
311	Leather tanning and finishing	136.37	134.29	143.47	148.48	149.27	3.47	3.47	3.66	3.74	3.76	
314	Footwear, except rubber	99.79	97.68	103.79	103.40	103.22	2.64	2.64	2.71	2.75	2.76	
312,3,5-7,9	Other leather products	102.91	103.18	103.69	106.60	108.49	2.68	2.68	2.78	2.82	2.84	
316	Luggage	106.19	104.03	102.43	107.45	-	2.87	2.85	2.91	2.96	-	
317	Handbags and personal leather goods	100.88	102.05	104.18	106.65	-	2.60	2.61	2.72	2.77	-	
-	<b>TRANSPORTATION AND PUBLIC UTILITIES</b>	191.97	194.88	210.43	212.49	211.34	4.74	4.80	5.12	5.17	5.18	
	<b>RAILROAD TRANSPORTATION:</b>											
4011	Class I railroads <sup>2</sup>	218.74	226.01	245.40	(*)	-	5.04	5.16	5.49	(*)	-	
	<b>LOCAL AND INTERURBAN PASSENGER TRANSIT:</b>											
411	Local and suburban transportation	161.82	165.36	177.23	174.29	-	3.89	3.90	4.18	4.21	-	
413	Intercity highway transportation	195.54	195.98	223.16	211.25	-	4.84	4.78	5.13	5.14	-	
42	<b>TRUCKING AND WAREHOUSING</b>	208.54	209.81	226.84	230.89	-	4.93	4.96	5.35	5.42	-	
421,3	Trucking and trucking terminals	214.20	215.39	232.60	236.56	-	5.04	5.08	5.46	5.54	-	
422	Public warehousing	141.80	140.29	153.03	154.57	-	3.51	3.43	3.76	3.77	-	
46	<b>PIPE LINE TRANSPORTATION</b>	215.17	219.18	217.22	229.45	-	5.21	5.32	5.39	5.61	-	
48	<b>COMMUNICATION</b>	175.08	176.91	191.60	194.17	-	4.41	4.49	4.79	4.83	-	
481	Telephone communication	175.12	177.36	192.48	195.05	-	4.40	4.49	4.80	4.84	-	
4817	Switchboard operating employees <sup>3</sup>	124.21	125.28	139.23	137.24	-	3.59	3.60	3.90	3.91	-	
4818	Line construction employees <sup>4</sup>	231.32	230.20	255.36	259.00	-	5.21	5.22	5.70	5.73	-	
482	Telegraph communication <sup>5</sup>	196.65	197.24	(*)	(*)	-	4.66	4.73	(*)	(*)	-	
483	Radio and television broadcasting	175.70	178.09	188.46	191.97	-	4.54	4.59	4.82	4.86	-	

See footnotes at end of table.



C-2: Gross hours and earnings of production or nonsupervisory workers<sup>1</sup>  
on private nonagricultural payrolls, by industry--Continued

SIC Code	Industry	Average weekly hours					Average overtime hours					
		Sept. 1972	Oct. 1972	Aug. 1973	Sept. 1973 <sup>p</sup>	Oct. 1973 <sup>p</sup>	Sept. 1972	Oct. 1972	Aug. 1973	Sept. 1973 <sup>p</sup>	Oct. 1973 <sup>p</sup>	
	<i>Nondurable Goods--Continued</i>											
27	PRINTING AND PUBLISHING .....	38.5	38.0	37.9	38.3	37.9	3.5	3.1	3.0	3.4	-	
271	Newspapers.....	35.9	35.7	35.4	35.3	35.2	2.8	2.7	2.6	2.4	-	
272	Periodicals.....	41.6	40.9	40.9	42.0	-	4.8	4.7	4.3	6.1	-	
273	Books.....	39.9	39.5	40.2	40.2	-	3.9	3.4	4.1	4.1	-	
275	Commercial printing.....	39.7	38.9	38.8	39.3	38.7	4.0	3.5	3.1	3.8	-	
2751	Commercial printing, ex. lithographic	39.6	39.0	38.6	39.0	-	4.0	3.5	2.8	3.6	-	
2752	Commercial printing, lithographic...	39.9	38.9	39.3	39.9	-	4.2	3.7	3.7	4.2	-	
278	Blankbooks and bookbinding.....	38.4	38.5	38.0	38.9	(*)	2.4	2.3	2.0	2.8	-	
274,6,7,9	Other publishing & printing ind.....	38.8	38.2	38.5	38.7	(*)	3.3	2.5	2.8	3.2	-	
28	CHEMICALS AND ALLIED PRODUCTS..	41.9	42.0	41.8	42.0	41.7	3.6	3.6	3.6	3.8	-	
281	Industrial chemicals.....	42.5	42.7	42.7	42.8	(*)	3.9	3.9	4.1	4.6	-	
2812	Alkalies and chlorine.....	44.6	44.6	44.6	43.2	-	-	-	-	-	-	
2818	Industrial organic chemicals, n.e.c.	42.6	43.6	43.3	43.7	-	3.7	4.1	4.4	5.1	-	
2819	Industrial inorganic chemicals, n.e.c.	41.8	41.3	41.4	42.0	-	3.6	3.1	3.5	4.1	-	
282	Plastics materials and synthetics.....	42.2	42.2	41.8	41.9	42.0	3.6	3.7	3.5	3.5	-	
2821	Plastics materials and resins.....	43.4	44.2	43.3	43.2	-	5.0	5.6	4.9	5.2	-	
2823,4	Synthetic fibers.....	41.3	40.9	40.9	41.0	-	2.5	2.4	2.7	2.3	-	
283	Drugs.....	41.2	41.2	41.1	41.4	41.0	3.0	3.0	3.0	3.2	-	
2834	Pharmaceutical preparations.....	41.2	41.5	41.0	41.4	-	-	-	-	-	-	
284	Soap, cleaners, and toilet goods.....	41.0	40.7	40.7	40.9	40.2	3.5	3.4	2.8	3.3	-	
2841	Soap and other detergents.....	43.4	43.0	43.7	42.9	-	-	-	-	-	-	
2844	Toilet preparations.....	39.2	39.0	38.7	39.0	-	-	-	-	-	-	
285	Paints and allied products.....	41.5	41.2	41.4	41.4	(*)	3.5	3.1	3.7	3.6	-	
287	Agricultural chemicals.....	42.3	42.8	42.1	42.2	(*)	4.4	4.7	4.5	5.1	-	
2871,2	Fertilizers, complete & mixing only..	42.0	43.0	42.1	42.5	-	-	-	-	-	-	
286,9	Other chemical products.....	41.6	41.8	41.6	42.0	(*)	3.4	3.7	3.6	3.8	-	
2892	Explosives.....	41.0	41.6	41.3	41.2	-	-	-	-	-	-	
29	PETROLEUM AND COAL PRODUCTS.....	42.8	42.7	42.3	43.1	42.9	4.0	3.9	3.9	4.4	-	
291	Petroleum refining.....	42.0	42.0	41.3	42.4	(*)	2.9	2.9	2.8	3.4	-	
295,9	Other petroleum and coal products.....	45.4	44.7	45.1	45.3	(*)	7.3	7.0	7.2	7.3	-	
30	RUBBER AND PLASTICS PRODUCTS, NEC..	41.5	41.4	40.6	41.2	40.7	4.4	4.4	4.1	4.4	-	
301	Tires and inner tubes.....	43.9	43.9	42.8	45.0	(*)	6.1	6.4	6.3	6.9	-	
302,3,6	Other rubber products.....	41.4	41.1	40.7	41.0	(*)	3.9	4.0	3.8	3.8	-	
302	Rubber footwear.....	39.8	39.2	38.7	39.5	-	2.8	2.7	2.3	3.3	-	
307	Miscellaneous plastics products.....	40.8	40.7	39.9	40.1	(*)	4.1	4.0	3.5	3.9	-	
31	LEATHER AND LEATHER PRODUCTS.....	38.1	37.5	38.1	37.8	37.8	2.4	2.2	2.1	2.1	-	
311	Leather tanning and finishing.....	39.3	38.7	39.2	39.7	39.7	2.9	2.7	3.0	3.3	-	
314	Footwear, except rubber.....	37.8	37.0	38.3	37.6	37.4	2.3	1.9	2.1	1.9	-	
312,3,5-7,9	Other leather products.....	38.4	38.5	37.3	37.8	38.2	2.5	2.7	2.0	2.2	-	
316	Luggage.....	37.0	36.5	35.2	36.3	-	2.4	1.7	1.6	1.9	-	
317	Handbags and personal leather goods..	38.8	39.1	38.3	38.5	-	2.6	2.9	2.1	2.4	-	
-	TRANSPORTATION AND PUBLIC UTILITIES.....	40.5	40.6	41.1	41.1	40.8	-	-	-	-	-	
4011	RAILROAD TRANSPORTATION: Class I railroads <sup>2</sup> .....	43.4	43.8	44.7	(*)	-	-	-	-	-	-	
	LOCAL AND INTERURBAN PASSENGER TRANSIT:											
411	Local and suburban transportation.....	41.6	42.4	42.4	41.4	-	-	-	-	-	-	
413	Intercity highway transportation.....	40.4	41.0	43.5	41.1	-	-	-	-	-	-	
42	TRUCKING AND WAREHOUSING.....	42.3	42.3	42.4	42.6	-	-	-	-	-	-	
421,3	Trucking and trucking terminals.....	42.5	42.4	42.6	42.7	-	-	-	-	-	-	
422	Public warehousing.....	40.4	40.9	40.7	41.0	-	-	-	-	-	-	
46	PIPE LINE TRANSPORTATION.....	41.3	41.2	40.3	40.9	-	-	-	-	-	-	
48	COMMUNICATION.....	39.7	39.4	40.0	40.2	-	-	-	-	-	-	
481	Telephone communication.....	39.8	39.5	40.1	40.3	-	-	-	-	-	-	
4817	Switchboard operating employees <sup>3</sup> .....	34.6	34.8	35.7	35.1	-	-	-	-	-	-	
4818	Line construction employees <sup>4</sup> .....	44.4	44.1	44.8	45.2	-	-	-	-	-	-	
482	Telegraph communication <sup>5</sup> .....	42.2	41.7	(*)	(*)	-	-	-	-	-	-	
483	Radio and television broadcasting.....	38.7	38.8	39.1	39.5	-	-	-	-	-	-	

See footnotes at end of table.

# ESTABLISHMENT DATA HOURS AND EARNINGS

92

C-2: Gross hours and earnings of production or nonsupervisory workers<sup>1</sup>  
on private nonagricultural payrolls, by industry--Continued

SIC Code	Industry	Average weekly earnings					Average hourly earnings					
		Sept. 1972	Oct. 1972	Aug. 1973	Sept. 1973 <sup>P</sup>	Oct. 1973 <sup>P</sup>	Sept. 1972	Oct. 1972	Aug. 1973	Sept. 1973 <sup>P</sup>	Oct. 1973 <sup>P</sup>	
-	<b>TRANSPORTATION AND PUBLIC UTILITIES--Continued</b>											
49	<b>ELECTRIC, GAS, AND SANITARY SERVICES</b>	\$202.45	\$206.00	\$214.24	\$219.45	-	\$4.89	\$4.94	\$5.15	\$5.25	-	
491	Electric companies and systems .....	206.91	208.08	217.78	220.06	-	4.95	4.99	5.21	5.29	-	
492	Gas companies and systems .....	180.74	188.83	190.70	195.64	-	4.43	4.55	4.64	4.76	-	
493	Combination companies and systems...	224.41	227.27	241.03	249.57	-	5.46	5.45	5.78	5.90	-	
494-7	Water, steam, & sanitary systems .....	166.00	166.83	175.98	180.20	-	4.00	4.02	4.18	4.26	-	
-	<b>WHOLESALE AND RETAIL TRADE.....</b>	107.06	106.79	113.63	112.78	\$111.82	3.05	3.06	3.21	3.25	\$3.26	
50	<b>WHOLESALE TRADE.....</b>	156.01	156.41	163.55	165.11	164.69	3.91	3.93	4.13	4.18	4.18	
501	Motor vehicles & automotive equipment..	147.23	147.20	155.98	154.04	-	3.69	3.68	3.88	3.89	-	
502	Drugs, chemicals, and allied products...	158.62	157.41	163.92	164.97	-	4.12	4.11	4.28	4.33	-	
503	Dry goods and apparel.....	144.39	144.72	152.56	152.44	-	3.83	3.88	4.09	4.12	-	
504	Groceries and related products .....	149.08	147.57	154.41	154.41	-	3.69	3.68	3.87	3.87	-	
506	Electrical goods.....	161.95	163.21	169.74	176.78	-	3.95	4.02	4.13	4.27	-	
507	Hardware; plumbing & heating equipment	146.86	145.73	154.04	156.41	-	3.69	3.68	3.88	3.93	-	
508	Machinery, equipment, and supplies.....	171.78	172.99	178.57	183.06	-	4.20	4.24	4.42	4.52	-	
509	Miscellaneous wholesalers.....	156.40	157.99	164.55	165.68	-	4.00	4.01	4.23	4.27	-	
52-59	<b>RETAIL TRADE.....</b>	91.73	91.24	97.87	96.61	95.78	2.73	2.74	2.87	2.91	2.92	
53	Retail general merchandise .....	85.21	84.36	89.19	88.48	-	2.63	2.62	2.77	2.80	-	
531	Department stores.....	88.13	86.63	92.59	91.43	-	2.78	2.75	2.93	2.94	-	
532	Mail order houses.....	112.75	109.87	116.29	115.61	-	2.84	2.81	3.16	3.15	-	
533	Variety stores.....	67.10	65.72	68.25	67.16	-	2.13	2.12	2.26	2.30	-	
54	Food stores.....	102.04	100.79	110.18	108.24	-	3.13	3.14	3.25	3.29	-	
541-3	Grocery, meat, and vegetable stores...	105.27	103.68	113.20	111.89	-	3.19	3.20	3.31	3.36	-	
56	Apparel and accessory stores .....	78.12	78.31	81.41	80.34	-	2.48	2.51	2.56	2.60	-	
561	Men's & boys' clothing & furnishings..	92.07	94.18	99.52	96.32	-	2.79	2.88	2.91	2.91	-	
562	Women's ready-to-wear stores .....	71.27	70.74	73.51	72.71	-	2.36	2.35	2.41	2.44	-	
565	Family clothing stores.....	76.03	76.82	77.74	77.74	-	2.29	2.30	2.37	2.37	-	
566	Shoe stores.....	79.36	79.43	82.53	83.12	-	2.56	2.63	2.62	2.78	-	
57	Furniture and home furnishings stores..	123.54	121.77	131.63	132.06	-	3.33	3.30	3.51	3.55	-	
571	Furniture and home furnishings.....	124.92	123.13	134.21	133.92	-	3.34	3.31	3.56	3.60	-	
58	Eating and drinking places <sup>6</sup> .....	62.73	62.21	66.88	64.80	-	2.05	2.06	2.13	2.16	-	
52,55,59	Other retail trade.....	114.00	114.14	122.47	121.64	-	3.04	3.06	3.24	3.27	-	
52	Building materials and farm equipment	128.24	128.40	134.20	134.13	-	3.19	3.21	3.33	3.37	-	
551,2	Motor vehicle dealers.....	150.75	153.14	162.81	161.20	-	3.75	3.80	4.05	4.04	-	
553,9	Other automotive & accessory dealers.	130.60	127.89	138.20	137.09	-	3.17	3.15	3.33	3.36	-	
591	Drug stores and proprietary stores .....	81.07	81.22	86.63	88.48	-	2.59	2.62	2.75	2.80	-	
594	Book and stationery stores .....	93.41	92.17	101.53	97.45	-	2.78	2.81	2.96	2.98	-	
598	Fuel and ice dealers.....	130.10	138.93	135.38	135.78	-	3.46	3.59	3.61	3.65	-	
-	<b>FINANCE, INSURANCE, AND REAL ESTATE<sup>7</sup></b>	128.74	129.80	133.56	135.04	134.32	3.47	3.48	3.60	3.64	3.64	
60	Banking.....	112.72	113.39	114.45	115.55	-	3.03	3.04	3.11	3.14	-	
61	Credit agencies other than banks .....	117.04	119.18	122.56	124.91	-	3.08	3.12	3.20	3.27	-	
612	Savings and loan associations .....	114.82	117.55	119.51	122.43	-	3.12	3.16	3.23	3.30	-	
62	Security, commodity brokers & services..	222.60	220.82	235.84	240.03	-	6.00	5.92	6.19	6.35	-	
63	Insurance carriers .....	132.46	133.93	137.63	139.11	-	3.58	3.61	3.74	3.77	-	
631	Life insurance.....	133.95	135.42	136.85	137.23	-	3.64	3.69	3.77	3.77	-	
632	Accident and health insurance .....	123.71	124.07	133.94	135.42	-	3.38	3.39	3.62	3.65	-	
633	Fire, marine, and casualty insurance..	134.27	135.38	140.62	142.87	-	3.59	3.61	3.77	3.82	-	
-	<b>SERVICES.....</b>	110.47	110.48	115.90	116.96	116.96	3.23	3.24	3.34	3.43	3.45	
701	Hotels and other lodging places: Hotels, tourist courts, and motels <sup>6</sup> ...	75.14	77.15	79.79	79.29	-	2.27	2.31	2.34	2.41	-	
721	Laundries and dry cleaning plants.....	86.62	87.33	92.11	92.66	-	2.44	2.46	2.58	2.61	-	
722	Photographic studios .....	96.10	99.46	103.90	102.55	-	2.81	2.74	2.96	2.93	-	
781	Motion picture studios: Motion picture filming & distributing..	206.88	213.94	217.36	220.58	-	5.43	5.63	5.69	5.82	-	
806	Hospitals .....	106.61	107.05	112.73	111.78	-	3.09	3.13	3.23	3.24	-	

<sup>1</sup> For coverage of series, see footnote 1, table B-2.

<sup>2</sup> Beginning January 1965, data relate to railroads with operating revenues of \$5,000,000 or more.

<sup>3</sup> Data relate to employees in such occupations in the telephone industry as switchboard operators; service assistants; operating room instructors; and pay-station attendants. In 1971, such employees made up 29 percent of the total number of nonsupervisory employees in establishments reporting hours and earnings data.

<sup>4</sup> Data relate to employees in such occupations in the telephone industry as central office craftsmen; installation and exchange repair craftsmen; line, cable, and conduit craftsmen; and laborers. In 1971, such employees made up 34 percent of the total number of nonsupervisory employees in establishments reporting hours and earnings data.

<sup>5</sup> Data relate to nonsupervisory employees except messengers.

<sup>6</sup> Money payments only; tips, not included.

<sup>7</sup> Data for nonoffice salesmen excluded from all series in this division.

<sup>8</sup> Not available.

<sup>P</sup> preliminary.

**ESTABLISHMENT DATA  
HOURS AND EARNINGS**
**C-2: Gross hours and earnings of production or nonsupervisory workers<sup>1</sup>  
on private nonagricultural payrolls, by industry--Continued**

SIC Code	Industry	Average weekly hours					Average overtime hours				
		Sept. 1972	Oct. 1972	Aug. 1973	Sept. 1973 <sup>P</sup>	Oct. 1973 <sup>P</sup>	Sept. 1972	Oct. 1972	Aug. 1973	Sept. 1973 <sup>P</sup>	Oct. 1973 <sup>P</sup>
-	<b>TRANSPORTATION AND PUBLIC UTILITIES--Continued</b>										
49	<b>ELECTRIC, GAS, AND SANITARY SERVICES</b>	41.4	41.7	41.6	41.8	-	-	-	-	-	-
491	Electric companies and systems.....	41.8	41.7	41.8	41.6	-	-	-	-	-	-
492	Gas companies and systems.....	40.8	41.5	41.1	41.1	-	-	-	-	-	-
493	Combination companies and systems..	41.1	41.7	41.7	42.3	-	-	-	-	-	-
494-7	Water, steam & sanitary systems.....	41.5	41.5	42.1	42.3	-	-	-	-	-	-
-	<b>WHOLESALE AND RETAIL TRADE.....</b>	35.1	34.9	35.4	34.7	34.3	-	-	-	-	-
50	<b>WHOLESALE TRADE.....</b>	39.9	39.8	39.6	39.5	39.4	-	-	-	-	-
501	Motor vehicles & automotive equipment..	39.9	40.0	40.2	39.6	-	-	-	-	-	-
502	Drugs, chemicals, and allied products...	38.5	38.3	38.3	38.1	-	-	-	-	-	-
503	Dry goods and apparel.....	37.7	37.3	37.3	37.0	-	-	-	-	-	-
504	Groceries and related products.....	40.4	40.1	39.9	39.9	-	-	-	-	-	-
506	Electrical goods.....	41.0	40.6	41.1	41.4	-	-	-	-	-	-
507	Hardware; plumbing & heating equipment	39.8	39.6	39.7	39.8	-	-	-	-	-	-
508	Machinery, equipment, and supplies.....	40.9	40.8	40.4	40.5	-	-	-	-	-	-
509	Miscellaneous wholesalers.....	39.1	39.4	38.9	38.8	-	-	-	-	-	-
52-59	<b>RETAIL TRADE.....</b>	33.6	33.3	34.1	33.2	32.8	-	-	-	-	-
53	Retail general merchandise.....	32.4	32.2	32.2	31.6	-	-	-	-	-	-
531	Department stores.....	31.7	31.5	31.6	31.1	-	-	-	-	-	-
532	Mail order houses.....	39.7	39.1	36.8	36.7	-	-	-	-	-	-
533	Variety stores.....	31.5	31.0	30.2	29.2	-	-	-	-	-	-
54	Food stores.....	32.6	32.1	33.9	32.9	-	-	-	-	-	-
541-3	Grocery, meat, and vegetable stores...	33.0	32.4	34.2	33.3	-	-	-	-	-	-
56	Apparel and accessory stores.....	31.5	31.2	31.8	30.9	-	-	-	-	-	-
561	Men's & boys' clothing & furnishings..	33.0	32.7	34.2	33.1	-	-	-	-	-	-
562	Women's ready-to-wear stores.....	30.2	30.1	30.5	29.8	-	-	-	-	-	-
565	Family clothing stores.....	33.2	33.4	32.8	32.8	-	-	-	-	-	-
566	Shoe stores.....	31.0	30.2	31.5	29.9	-	-	-	-	-	-
57	Furniture and home furnishings stores..	37.1	36.9	37.5	37.2	-	-	-	-	-	-
571	Furniture and home furnishings.....	37.4	37.2	37.7	37.2	-	-	-	-	-	-
58	Eating and drinking places <sup>6</sup> .....	30.6	30.2	31.4	30.0	-	-	-	-	-	-
52,55,59	Other retail trade.....	37.5	37.3	37.8	37.2	-	-	-	-	-	-
52	Building materials and farm equipment	40.2	40.0	40.3	39.8	-	-	-	-	-	-
551,2	Motor vehicle dealers.....	40.2	40.3	40.2	39.9	-	-	-	-	-	-
553,9	Other automotive & accessory dealers.	41.2	40.6	41.5	40.8	-	-	-	-	-	-
591	Drug stores and proprietary stores...	31.3	31.0	31.5	31.6	-	-	-	-	-	-
594	Book and stationery stores.....	33.6	32.8	34.3	32.7	-	-	-	-	-	-
598	Fuel and ice dealers.....	37.6	38.7	37.5	37.2	-	-	-	-	-	-
-	<b>FINANCE, INSURANCE, AND REAL ESTATE<sup>7</sup></b>	37.1	37.3	37.1	37.1	36.9	-	-	-	-	-
60	Banking.....	37.2	37.3	36.8	36.8	-	-	-	-	-	-
61	Credit agencies other than banks.....	38.0	38.2	38.3	38.2	-	-	-	-	-	-
612	Savings and loan associations.....	36.8	37.2	37.0	37.1	-	-	-	-	-	-
62	Security, commodity brokers & services.	37.1	37.3	38.1	37.8	-	-	-	-	-	-
63	Insurance carriers.....	37.0	37.1	36.8	36.9	-	-	-	-	-	-
631	Life insurance.....	36.8	36.7	36.3	36.4	-	-	-	-	-	-
632	Accident and health insurance.....	36.6	36.6	37.0	37.1	-	-	-	-	-	-
633	Fire, marine, and casualty insurance..	37.4	37.5	37.3	37.4	-	-	-	-	-	-
-	<b>SERVICES.....</b>	34.2	34.1	34.7	34.1	33.9	-	-	-	-	-
701	Hotels and other lodging places: Hotels, tourist courts, and motels <sup>6</sup> ...	33.1	33.4	34.1	32.9	-	-	-	-	-	-
721	Personal Services: Laundries & dry cleaning plants.....	35.5	35.5	35.7	35.5	-	-	-	-	-	-
722	Photographic studios.....	34.2	36.3	35.1	35.0	-	-	-	-	-	-
781	Motion pictures: Motion picture filming & distributing..	38.1	38.0	38.2	37.9	-	-	-	-	-	-
806	Hospitals.....	34.5	34.2	34.9	34.5	-	-	-	-	-	-

<sup>1</sup>As noted on page 7 of the January 1972 issue of this magazine, the series does not include earned pay withheld as a consequence of delays caused by the wage freeze in effect between August 15 and November 14, 1971, and by administrative procedures of the Pay Board. These delays resulted from compliance with the Government's Economic Stabilization Program. Because these withheld payments were substantial and fell due under a significant number of new labor-management contracts in that industry, they affected a large proportion of SIC 372. The series including these payments for Sept. 1971-June 1972 are shown below.

A 17-cent delayed payment for employees in a number of large companies is still pending as a consequence of litigation in the courts arising out of the Government's Economic Stabilization Program. When the issue is settled, these data will be revised, if necessary, to include this additional delayed payment.

**Average hourly earnings September 1971-June 1972**

SIC Code	Annual average 1971	1971				1972					
		Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June
372	\$4.35	\$4.41	\$4.45	\$4.49	\$4.57	\$4.55	\$4.54	\$4.59	\$4.64	\$4.66	\$4.67
3721	4.41	4.49	4.54	4.60	4.65	4.63	4.59	4.65	4.74	4.73	4.74
3722	4.38	4.38	4.43	4.47	4.63	4.60	4.64	4.65	4.65	4.69	4.71
3723,9	4.16	4.24	4.24	4.23	4.30	4.27	4.32	4.37	4.40	4.44	4.45

**ESTABLISHMENT DATA  
HOURS AND EARNINGS**

**C-3: Employment, hours, and indexes of earnings in the Executive Branch of the Federal Government**

(Employment in thousands—includes both supervisory and nonsupervisory employees)

Item	1972					1973							
	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.
<b>EXECUTIVE BRANCH</b>													
Total employment . . . . .	2,602.7	2,585.6	2,586.4	2,590.3	2,630.6	2,577.9	2,576.9	2,580.8	2,588.0	2,594.8	2,587.4	2,573.1	2,573.6
Average weekly hours . . . . .	39.6	39.6	39.7	39.6	41.9	39.5	39.6	39.3	39.3	39.2	39.2	39.3	39.8
Average overtime hours . . . . .	1.1	1.1	1.2	1.0	3.2	1.3	1.0	1.0	1.0	.9	1.0	1.0	1.2
Indexes (1967=100):													
Average weekly earnings . . . . .	149.9	152.4	154.1	151.8	163.8	158.5	158.9	159.1	158.5	158.1	157.6	155.5	161.6
Average hourly earnings . . . . .	149.2	151.6	153.0	151.1	154.1	158.1	158.1	159.5	158.9	158.9	158.4	155.9	160.0
<b>DEPARTMENT OF DEFENSE</b>													
Total employment . . . . .	976.6	973.9	976.8	978.2	978.0	970.6	965.3	962.3	963.0	964.2	952.1	937.6	936.4
Average weekly hours . . . . .	39.8	39.7	39.4	40.3	39.8	39.3	40.0	39.7	40.0	39.9	39.8	39.4	40.7
Average overtime hours . . . . .	.8	.8	.8	.8	.7	.7	.6	.7	.7	.7	.8	.7	.9
Indexes (1967=100):													
Average weekly earnings . . . . .	146.7	149.0	148.9	148.0	146.9	154.9	156.1	157.0	157.1	157.0	156.1	150.0	159.9
Average hourly earnings . . . . .	148.5	151.2	152.3	148.0	148.8	158.9	157.2	159.4	158.3	158.6	158.0	153.4	158.3
<b>POST OFFICE DEPARTMENT</b>													
Total employment . . . . .	672.7	667.3	663.7	666.1	704.5	662.7	666.8	670.0	669.9	672.0	679.5	672.9	676.1
Average weekly hours . . . . .	39.5	40.2	40.8	39.7	49.2	40.3	39.7	39.3	39.1	38.9	39.0	39.5	39.4
Average overtime hours . . . . .	1.3	1.5	2.0	1.4	10.3	2.5	1.8	1.5	1.4	1.1	1.1	1.3	1.3
Indexes (1967=100):													
Average weekly earnings . . . . .	161.6	164.5	168.5	163.7	218.8	168.1	168.1	167.3	166.1	164.7	164.5	166.3	175.8
Average hourly earnings . . . . .	157.9	157.9	159.5	159.1	171.6	161.0	163.4	164.3	164.0	163.4	162.8	162.5	172.3
<b>OTHER AGENCIES</b>													
Total employment . . . . .	953.4	944.4	945.9	946.0	948.1	944.6	944.8	948.5	955.1	958.6	955.8	962.6	961.1
Average weekly hours . . . . .	39.5	39.1	39.2	38.9	38.8	39.1	39.1	38.8	38.8	38.6	38.9	39.0	39.2
Average overtime hours . . . . .	1.2	1.0	1.0	.8	.7	.9	.9	.9	.9	1.0	1.1	1.1	1.4
Indexes (1967=100):													
Average weekly earnings . . . . .	146.9	149.4	150.8	149.9	148.8	156.9	156.9	156.9	156.7	156.1	156.1	155.0	155.8
Average hourly earnings . . . . .	144.3	148.3	149.3	149.5	148.8	155.7	155.7	156.9	156.7	156.9	155.7	154.2	154.2

NOTE: Averages presented in this table have been computed using data collected by the U.S. Civil Service Commission from all agencies of the executive branch of the Federal Government; the data cover both salaried workers and hourly paid wage-board employees. Since these averages relate to hours and earnings of all workers, both supervisory and nonsupervisory, they are not comparable to similar data presented in table C-2 which relate only to production or nonsupervisory workers.

**C-4: Average hourly earnings excluding overtime of production workers on manufacturing payrolls, by industry**

Major industry group	Average hourly earnings excluding overtime <sup>1</sup>				
	Sept. 1972	Oct. 1972	Aug. 1973	Sept. 1973 p	Oct. 1973 p
<b>MANUFACTURING</b> . . . . .	\$3.68	\$3.69	\$3.88	\$3.93	\$3.95
<b>DURABLE GOODS</b> . . . . .	3.92	3.92	4.11	4.17	4.18
Ordnance and accessories . . . . .	3.99	3.98	4.14	4.19	-
Lumber and wood products . . . . .	3.20	3.20	3.45	3.49	-
Furniture and fixtures . . . . .	2.98	2.99	3.15	3.19	-
Stone, clay, and glass products . . . . .	3.76	3.79	3.96	4.00	-
Primary metal industries . . . . .	4.53	4.52	4.84	4.87	-
Fabricated metal products . . . . .	3.86	3.86	4.04	4.09	-
Machinery, except electrical . . . . .	4.12	4.14	4.30	4.34	-
Electrical equipment and supplies . . . . .	3.58	3.58	3.74	3.76	-
Transportation equipment . . . . .	4.54	4.56	4.77	4.85	-
Instruments and related products . . . . .	3.60	3.60	3.74	3.77	-
Miscellaneous manufacturing industries . . . . .	3.01	3.02	3.17	3.19	-
<b>NONDURABLE GOODS</b> . . . . .	3.36	3.37	3.54	3.58	3.60
Food and kindred products . . . . .	3.43	3.45	3.63	3.64	-
Tobacco manufactures . . . . .	3.30	3.28	3.61	3.58	-
Textile mill products . . . . .	2.61	2.62	2.77	2.86	-
Apparel and other textile products . . . . .	2.57	2.61	2.73	2.77	-
Paper and allied products . . . . .	3.77	3.78	4.00	4.02	-
Printing and publishing . . . . .	( <sup>2</sup> )	( <sup>2</sup> )	( <sup>2</sup> )	( <sup>2</sup> )	-
Chemicals and allied products . . . . .	4.09	4.10	4.31	4.33	-
Petroleum and coal products . . . . .	4.78	4.79	5.01	5.04	-
Rubber and plastics products, n e c . . . . .	3.48	3.50	3.63	3.66	-
Leather and leather products . . . . .	2.64	2.64	2.72	2.77	-

<sup>1</sup>Derived by assuming that overtime hours are paid at the rate of time and one-half.

<sup>2</sup>Not available as average overtime rates are significantly above time and one-half. Inclusion of data for the group in the nondurable goods total has little effect.

p = preliminary.

**ESTABLISHMENT DATA  
HOURS AND EARNINGS**
**C-5: Gross and spendable average weekly earnings of production or nonsupervisory workers<sup>1</sup>  
on private nonagricultural payrolls, in current and 1967 dollars**

Industry	Gross average weekly earnings			Spendable average weekly earnings					
				Worker with no dependents			Worker with three dependents		
	Sept. 1972	Aug. 1973	Sept. 1973 <sup>p</sup>	Sept. 1972	Aug. 1973	Sept. 1973 <sup>p</sup>	Sept. 1972	Aug. 1973	Sept. 1973 <sup>p</sup>
<b>TOTAL PRIVATE:</b>									
Current dollars .....	\$139.13	\$146.63	\$148.45	\$113.84	\$118.42	\$119.75	\$123.43	\$128.34	\$129.74
1967 dollars .....	110.25	108.53	109.56	90.21	87.65	88.38	97.81	95.00	95.75
<b>MINING:</b>									
Current dollars .....	189.18	200.73	204.16	151.39	157.82	160.32	163.21	170.23	172.90
1967 dollars .....	149.90	148.58	150.67	119.96	116.82	118.32	129.33	126.00	127.60
<b>CONTRACT CONSTRUCTION:</b>									
Current dollars .....	234.93	247.42	251.94	187.50	194.12	197.60	201.65	208.97	212.68
1967 dollars .....	186.16	183.14	185.93	148.57	143.69	145.83	159.79	154.68	156.96
<b>MANUFACTURING:</b>									
Current dollars .....	158.26	164.43	169.33	127.85	131.15	134.68	138.34	141.98	145.74
1967 dollars .....	125.40	121.71	124.97	101.31	97.08	99.39	109.62	105.09	107.56
<b>TRANSPORTATION AND PUBLIC UTILITIES:</b>									
Current dollars .....	191.97	210.43	212.49	153.61	165.05	166.68	165.63	177.96	179.68
1967 dollars .....	152.12	155.76	156.82	121.72	122.17	123.01	131.24	131.72	132.61
<b>WHOLESALE AND RETAIL TRADE:</b>									
Current dollars .....	107.06	113.63	112.78	89.99	94.23	93.59	98.03	102.54	101.87
1967 dollars .....	84.83	84.11	83.23	71.31	69.75	69.07	77.68	75.90	75.18
<b>FINANCE, INSURANCE, AND REAL ESTATE:</b>									
Current dollars .....	128.74	133.56	135.04	106.17	108.86	109.94	115.25	118.18	119.33
1967 dollars .....	102.01	98.86	99.66	84.13	80.58	81.14	91.32	87.48	88.07
<b>SERVICES:</b>									
Current dollars .....	110.47	115.90	116.96	92.58	95.94	96.72	100.76	104.33	105.17
1967 dollars .....	87.54	85.79	86.32	73.36	71.01	71.38	79.84	77.22	77.62
<b>CONSUMER PRICE INDEX (All items, 1967 = 100) .....</b>	126.2	135.1	135.5	<b>NOTE: The Consumer Price Index is an estimate of the average change in prices of goods and services purchased by urban wage earners and clerical workers.</b>					

<sup>1</sup>For coverage of series, see footnote 1, table B-2.  
p = preliminary (applicable to earnings data only).

**ESTABLISHMENT DATA  
HOURS AND EARNINGS**

**C-6: Indexes of aggregate weekly man-hours and payrolls of production or nonsupervisory workers<sup>1</sup>  
on private nonagricultural payrolls--Continued**

1967 = 100

Industry division and group	Sept. 1972	Oct. 1972	Aug. 1973	Sept. 1973 <sup>P</sup>	Oct. 1973 <sup>P</sup>
	Man-hours				
<b>TOTAL</b> .....	109.6	109.1	113.5	113.2	112.7
<b>GOODS-PRODUCING</b> .....	102.8	102.7	106.0	107.4	106.6
<b>MINING</b> .....	99.7	99.1	106.0	105.1	104.0
<b>CONTRACT CONSTRUCTION</b> .....	118.3	118.4	125.1	122.5	121.2
<b>MANUFACTURING</b> .....	100.1	100.0	102.6	104.9	104.1
<b>DURABLE GOODS</b> .....	98.1	98.6	101.8	105.3	105.2
Ordnance and accessories .....	55.1	56.1	55.6	56.6	56.7
Lumber and wood products .....	107.3	106.6	110.2	109.3	107.3
Furniture and fixtures .....	112.6	113.7	116.2	115.7	116.1
Stone, clay, and glass products .....	110.7	111.4	116.4	116.2	116.5
Primary metal industries .....	96.9	96.1	102.0	105.2	104.6
Fabricated metal products .....	101.8	102.4	106.6	108.8	108.4
Machinery, except electrical .....	91.1	92.1	99.4	103.5	103.6
Electrical equipment .....	97.4	99.0	104.3	107.3	107.4
Transportation equipment .....	96.2	95.7	90.2	99.7	99.9
Instruments and related products .....	99.3	99.7	107.8	110.2	110.4
Miscellaneous manufacturing .....	103.1	105.0	102.3	104.1	105.4
<b>NONDURABLE GOODS</b> .....	103.1	102.1	103.9	104.3	102.6
Food and kindred products .....	109.2	103.4	106.6	108.0	103.2
Tobacco manufactures .....	86.9	87.6	91.6	94.3	93.0
Textile mill products .....	104.7	105.1	106.5	106.4	105.4
Apparel and other textile products .....	95.8	96.4	94.5	94.3	93.8
Paper and allied products .....	104.3	104.5	107.0	107.2	105.8
Printing and publishing .....	99.6	99.0	98.5	99.7	99.6
Chemicals and allied products .....	99.5	99.7	103.0	103.2	102.5
Petroleum and coal products .....	104.4	103.8	106.8	108.2	106.8
Rubber and plastics products, nec .....	126.5	128.1	135.4	136.6	134.1
Leather and leather products .....	86.1	84.1	85.4	82.5	81.9
<b>SERVICE-PRODUCING</b> .....	113.3	113.6	118.6	117.1	116.8
<b>TRANSPORTATION AND PUBLIC UTILITIES</b> .....	105.8	106.0	109.4	109.8	109.1
<b>WHOLESALE AND RETAIL TRADE</b> .....	111.0	111.1	115.4	113.8	113.8
WHOLESALE TRADE .....	110.4	110.9	114.4	114.2	115.0
RETAIL TRADE .....	111.3	111.2	115.8	113.6	113.3
<b>FINANCE, INSURANCE, AND REAL ESTATE</b> .....	120.6	121.3	125.2	123.4	122.3
<b>SERVICES</b> .....	117.7	118.2	125.4	123.2	123.0

<sup>1</sup> For coverage of series, see footnote 1, table B-2.  
p-preliminary.

**C-6: Indexes of aggregate weekly man-hours and payrolls of production or nonsupervisory workers<sup>1</sup>  
on private nonagricultural payrolls--Continued**

1967 = 100

Industry division and group	Sept. 1972	Oct. 1972	Aug. 1973	Sept. <sup>p</sup> 1973	Oct. <sup>p</sup> 1973
	Payrolls				
<b>TOTAL</b> .....	151.5	152.4	165.7	168.4	167.9
<b>GOODS-PRODUCING</b> .....	144.6	145.1	157.3	162.0	161.0
<b>MINING</b> .....	138.1	136.9	156.0	157.4	156.2
<b>CONTRACT CONSTRUCTION</b> .....	177.0	179.2	196.5	197.6	196.2
<b>MANUFACTURING</b> .....	136.6	136.7	147.3	153.1	152.2
<b>DURABLE GOODS</b> .....	134.2	134.9	146.1	153.7	153.5
Ordnance and accessories .....	71.9	72.7	75.0	77.6	77.3
Lumber and wood products .....	153.3	152.0	168.8	169.6	165.8
Furniture and fixtures .....	150.7	152.8	164.1	165.6	165.7
Stone, clay, and glass products .....	156.8	158.9	173.8	175.4	175.7
Primary metal industries .....	137.9	136.3	155.6	162.2	160.4
Fabricated metal products .....	138.4	139.3	151.8	157.2	156.8
Machinery, except electrical .....	123.6	125.5	141.1	149.6	149.6
Electrical equipment .....	130.6	132.6	145.7	151.4	151.0
Transportation equipment .....	134.2	134.0	131.7	148.5	149.7
Instruments and related products .....	130.4	130.5	146.2	151.9	152.1
Miscellaneous manufacturing .....	137.1	140.1	142.2	146.7	148.4
<b>NONDURABLE GOODS</b> .....	140.8	139.8	149.3	152.0	150.0
Food and kindred products .....	149.5	142.1	154.5	157.6	152.1
Tobacco manufactures .....	128.3	130.5	150.6	152.9	152.4
Textile mill products .....	140.2	141.1	151.2	156.1	155.3
Apparel and other textile products .....	125.0	126.7	129.8	131.8	132.1
Paper and allied products .....	145.8	146.2	158.0	159.5	157.7
Printing and publishing .....	138.6	137.4	141.1	144.6	144.8
Chemicals and allied products .....	136.6	137.6	149.4	150.5	149.3
Petroleum and coal products .....	145.9	145.5	156.6	160.3	157.4
Rubber and plastics products, nec .....	168.6	172.0	188.1	191.9	187.0
Leather and leather products .....	113.3	110.7	115.7	113.6	113.3
<b>SERVICE-PRODUCING</b> .....	157.4	158.7	173.0	173.8	173.9
<b>TRANSPORTATION AND PUBLIC UTILITIES</b> .....	155.1	157.3	173.4	175.7	174.7
<b>WHOLESALE AND RETAIL TRADE</b> .....	151.0	151.8	164.9	164.8	165.4
<b>WHOLESALE TRADE</b> .....	150.2	151.6	164.0	165.8	166.9
<b>RETAIL TRADE</b> .....	151.4	151.9	165.4	164.2	164.5
<b>FINANCE, INSURANCE, AND REAL ESTATE</b> .....	161.8	163.6	174.4	174.1	172.5
<b>SERVICES</b> .....	165.9	167.3	183.0	184.7	185.2

<sup>1</sup> For coverage of series, see footnote 1, table B-2.  
p--preliminary.

**ESTABLISHMENT DATA**  
**SEASONALLY ADJUSTED HOURS**

98

**C-7: Average weekly hours of production or nonsupervisory workers<sup>1</sup>  
on private nonagricultural payrolls, seasonally adjusted**

Industry	1972			1973									
	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct. P
<b>TOTAL</b> .....	37.3	37.2	37.0	36.9	37.2	37.1	37.2	37.2	37.1	37.2	37.0	37.2	37.0
<b>MINING</b> .....	42.5	42.4	41.8	41.5	42.0	41.9	41.7	42.5	42.5	42.4	42.6	42.7	42.1
<b>CONTRACT CONSTRUCTION</b> .....	37.4	36.9	35.8	36.1	36.2	37.0	37.0	37.5	37.4	37.5	37.1	36.8	37.1
<b>MANUFACTURING</b> .....	40.7	40.8	40.7	40.3	41.0	40.9	40.9	40.7	40.6	40.7	40.5	40.8	40.6
<i>Overtime hours</i> .....	3.6	3.7	3.8	3.7	3.9	3.9	4.1	3.9	3.8	3.8	3.7	3.8	3.7
<b>DURABLE GOODS</b> .....	41.4	41.7	41.5	41.3	42.0	41.6	41.8	41.6	41.4	41.4	41.1	41.4	41.4
<i>Overtime hours</i> .....	3.8	3.9	4.0	4.1	4.4	4.1	4.4	4.2	4.0	4.1	3.9	4.0	3.9
Ordnance and accessories .....	42.5	42.3	42.5	42.5	42.7	42.4	42.0	41.9	41.9	42.7	41.5	42.6	42.7
Lumber and wood products .....	41.0	41.0	39.8	39.9	40.7	41.0	41.1	40.7	40.9	40.5	40.7	40.8	40.1
Furniture and fixtures .....	40.3	40.3	40.0	39.0	40.6	40.6	40.4	40.1	40.1	39.8	39.7	39.7	39.6
Stone, clay, and glass products .....	42.1	41.8	41.6	41.1	42.2	42.3	42.3	42.3	42.2	42.1	42.0	42.2	42.2
Primary metal industries .....	42.2	42.7	42.4	42.4	42.4	42.1	42.2	41.9	41.9	42.2	41.8	42.7	43.2
Fabricated metal products .....	41.4	41.6	41.6	41.4	41.9	41.7	41.8	41.6	41.5	41.6	41.3	41.6	41.3
Machinery, except electrical .....	42.4	42.6	42.6	42.4	42.9	42.6	42.5	42.6	42.5	42.2	42.4	43.1	42.9
Electrical equipment and supplies .....	40.6	40.8	40.5	40.4	41.1	40.6	40.6	40.6	40.1	40.2	40.1	40.5	40.1
Transportation equipment .....	41.7	42.2	42.4	42.3	43.2	42.0	43.5	42.1	41.9	42.3	41.0	41.2	41.7
Instruments and related products .....	40.6	40.5	40.6	40.4	40.8	40.7	40.8	40.7	40.5	40.6	40.4	40.9	40.8
Miscellaneous manufacturing industries .....	39.3	39.3	39.1	38.7	39.4	39.3	39.0	39.1	38.9	38.9	38.7	39.1	38.6
<b>NONDURABLE GOODS</b> .....	39.8	39.8	39.6	39.1	39.7	39.8	39.8	39.6	39.6	39.6	39.5	39.8	39.6
<i>Overtime hours</i> .....	3.4	3.5	3.4	3.4	3.4	3.5	3.6	3.4	3.3	3.4	3.3	3.4	3.3
Food and kindred products .....	40.4	40.3	40.4	40.1	40.2	40.2	40.1	40.4	40.1	40.2	40.4	40.6	40.6
Tobacco manufactures .....	38.0	38.0	37.9	36.6	38.4	38.8	39.2	37.9	37.8	36.0	38.5	37.9	37.4
Textile mill products .....	41.3	41.3	41.2	39.5	41.2	41.3	41.6	40.9	40.8	40.8	40.8	41.0	40.4
Apparel and other textile products .....	36.2	36.1	35.7	34.5	36.0	36.2	36.1	36.0	36.0	35.9	35.7	35.9	35.7
Paper and allied products .....	42.9	43.1	42.9	42.5	43.0	43.1	42.8	42.8	42.7	42.7	42.4	42.7	42.3
Printing and publishing .....	38.0	38.2	37.7	37.8	38.0	38.0	38.0	38.0	37.8	37.7	37.7	38.0	37.9
Chemicals and allied products .....	42.0	41.9	41.9	41.6	42.0	42.0	41.9	42.0	42.0	42.1	42.1	42.0	41.7
Petroleum and coal products .....	42.3	42.4	42.2	41.9	41.9	42.0	41.9	42.1	41.7	42.4	42.1	42.6	42.5
Rubber and plastics products, nec .....	41.3	41.6	41.3	41.0	41.5	41.5	41.5	40.8	40.7	40.8	40.5	40.9	40.6
Leather and leather products .....	37.9	37.8	36.5	37.2	37.8	37.9	38.2	37.9	38.1	37.8	38.1	38.4	38.2
<b>TRANSPORTATION AND PUBLIC UTILITIES</b> .....	40.5	40.4	40.5	40.6	40.4	40.4	40.7	41.0	40.7	40.7	40.9	40.9	40.7
<b>WHOLESALE AND RETAIL TRADE</b> .....	35.1	35.0	35.1	34.9	35.0	34.8	34.8	34.8	34.9	34.7	34.5	34.6	34.5
<b>WHOLESALE TRADE</b> .....	39.8	39.8	39.7	39.7	39.7	39.7	39.5	39.7	39.5	39.5	39.4	39.5	39.4
<b>RETAIL TRADE</b> .....	33.5	33.5	33.6	33.4	33.5	33.4	33.4	33.4	33.5	33.2	33.0	33.2	33.0
<b>FINANCE, INSURANCE, AND REAL ESTATE</b> .....	37.2	37.0	37.1	37.0	37.1	37.0	37.2	37.0	37.1	37.2	37.0	37.2	36.8
<b>SERVICES</b> .....	34.2	34.1	34.0	34.1	34.1	34.0	34.1	34.2	34.4	34.2	34.2	34.1	34.0

<sup>1</sup>For coverage of series, see footnote 1, table B-2.  
p = preliminary.



**ESTABLISHMENT DATA**  
**SEASONALLY ADJUSTED**
**C-8: Indexes of aggregate weekly man-hours of production or nonsupervisory workers<sup>1</sup>  
on private nonagricultural payrolls, seasonally adjusted**

Industry division and group	1967 = 100												
	1972			1973									
	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept. <sup>P</sup>	Oct. <sup>P</sup>
<b>TOTAL</b> .....	108.1	108.4	108.2	108.4	109.8	109.9	110.4	110.8	111.1	110.9	110.9	111.6	111.7
<b>GOODS-PRODUCING</b> .....	100.1	100.5	99.8	99.5	102.1	102.4	102.9	103.1	103.4	103.4	103.1	103.8	104.1
<b>MINING</b> .....	97.8	97.4	95.8	95.9	97.5	96.9	96.2	98.0	101.4	101.6	102.9	103.4	102.8
<b>CONTRACT CONSTRUCTION</b> .....	107.9	105.0	99.7	101.4	105.0	107.9	106.5	109.7	110.7	112.0	110.6	110.3	110.7
<b>MANUFACTURING</b> .....	98.8	99.8	99.9	99.3	101.7	101.6	102.5	102.1	102.2	102.0	101.8	102.6	103.0
<b>DURABLE GOODS</b> .....	97.8	99.2	99.6	99.6	102.1	101.7	103.0	102.8	102.9	102.9	102.6	103.7	104.5
Ordnance and accessories .....	56.2	59.4	59.7	59.7	60.5	59.5	58.4	57.1	56.5	58.2	55.4	55.7	57.0
Lumber and wood products .....	104.3	105.1	102.6	103.0	105.9	106.7	107.1	105.7	106.2	105.0	106.1	106.5	105.1
Furniture and fixtures .....	110.8	111.6	111.3	109.2	114.3	114.8	114.8	113.4	115.5	113.3	113.8	113.6	113.3
Stone, clay, and glass products .....	108.7	108.3	107.6	106.5	111.0	111.9	111.9	112.9	112.6	112.8	111.9	112.2	113.8
Primary metal industries .....	99.1	100.5	100.6	100.4	100.6	99.3	100.1	100.5	101.2	101.8	102.3	106.0	107.9
Fabricated metal products .....	101.2	102.3	103.0	103.3	105.8	105.7	106.9	106.9	106.9	107.3	106.7	107.0	107.1
Machinery, except electrical .....	92.9	94.9	96.1	96.4	97.8	98.2	98.9	99.9	100.7	99.9	101.8	103.7	104.5
Electrical equipment .....	97.7	98.9	99.5	100.1	103.4	103.1	104.0	104.7	104.8	105.3	104.4	105.5	106.0
Transportation equipment .....	94.0	96.3	97.5	97.7	101.1	98.8	103.6	100.5	99.6	99.8	96.8	96.8	98.4
Instruments and related products .....	99.2	100.1	101.0	101.5	103.6	104.4	104.0	106.5	106.7	106.9	108.1	109.5	109.9
Miscellaneous manufacturing .....	98.7	99.6	99.1	98.3	101.3	101.0	100.3	100.5	99.4	99.7	98.6	99.4	99.2
<b>NONDURABLE GOODS</b> .....	100.4	100.7	100.4	98.8	101.2	101.6	101.7	101.1	101.2	100.6	100.7	101.1	100.8
Food and kindred products .....	97.8	97.2	97.8	97.5	98.0	97.8	97.3	97.3	96.2	96.0	95.2	96.4	97.6
Tobacco manufactures .....	73.4	76.3	78.5	75.8	82.2	85.8	86.7	83.8	83.6	80.9	81.1	75.8	77.5
Textile mill products .....	104.8	105.4	106.0	101.5	106.9	106.9	107.7	105.9	105.7	105.5	105.9	106.1	105.1
Apparel and other textile products .....	95.2	95.3	93.9	89.9	94.8	95.4	95.8	94.9	95.0	91.9	93.0	93.4	92.6
Paper and allied products .....	103.8	104.5	104.2	103.4	105.4	106.0	104.9	105.9	105.6	105.4	105.6	106.0	105.2
Printing and publishing .....	98.7	99.2	98.0	98.6	99.0	99.0	99.3	99.0	98.9	98.5	98.3	99.1	99.3
Chemicals and allied products .....	100.2	100.3	100.4	99.7	100.2	101.0	100.9	101.7	102.2	103.5	103.1	103.2	102.7
Petroleum and coal products .....	102.0	103.2	102.7	101.9	98.5	100.5	98.5	99.0	99.8	102.3	103.3	105.4	105.2
Rubber and plastics products, nec .....	127.0	129.9	130.0	130.3	133.7	134.2	135.4	131.9	134.8	135.6	134.9	134.2	132.7
Leather and leather products .....	85.3	84.1	80.9	81.2	82.2	82.7	84.3	83.7	84.5	82.5	83.5	83.8	83.1
<b>SERVICE-PRODUCING</b> .....	113.6	113.8	114.1	114.5	115.2	115.1	115.7	116.1	116.5	116.0	116.3	117.0	116.9
<b>TRANSPORTATION AND PUBLIC UTILITIES</b> .....	105.6	105.6	106.0	106.6	106.1	106.0	107.0	107.9	107.2	107.0	107.9	108.1	108.6
<b>WHOLESALE AND RETAIL TRADE</b> .....	111.2	111.7	112.0	112.0	113.1	113.2	113.4	113.7	113.8	113.2	113.0	113.9	114.0
<b>WHOLESALE TRADE</b> .....	110.1	110.3	110.1	111.0	111.4	111.7	111.5	112.2	112.3	112.2	112.6	113.6	114.2
<b>RETAIL TRADE</b> .....	111.6	112.3	112.8	112.4	113.7	113.7	114.1	114.3	114.3	113.6	113.1	114.1	113.9
<b>FINANCE, INSURANCE, AND REAL ESTATE</b> .....	121.2	120.9	121.4	121.1	122.0	122.0	122.8	122.3	122.7	122.9	122.7	123.7	122.3
<b>SERVICES</b> .....	118.3	118.4	118.4	119.6	120.2	120.0	120.7	121.4	122.6	121.9	122.8	123.3	123.2

<sup>1</sup> For coverage of series, see footnote 1, table B-2.  
p= preliminary.

**C-9: Man-hours of wage and salary workers<sup>1</sup> in nonagricultural establishments**

Industry division	Annual rate, millions of man-hours <sup>2</sup>			Percent change <sup>3</sup>		
	August 1973	September p 1973	October p 1973	October 1972 to October 1973	August 1973 to September 1973	September 1973 to October 1973
	<b>TOTAL - ALL INDUSTRIES</b> .....	147,734	148,532	148,761	3.1	6.7
<b>TOTAL - PRIVATE</b> .....	120,008	120,665	120,843	3.4	6.8	1.8
<b>MINING</b> .....	1,404	1,406	1,397	3.9	0.9	-7.3
<b>CONTRACT CONSTRUCTION</b> .....	7,092	7,069	7,117	2.5	-3.8	8.5
<b>MANUFACTURING</b> .....	41,497	41,756	41,917	3.9	7.7	4.7
<b>TRANSPORTATION AND PUBLIC UTILITIES</b> .....	9,819	9,851	9,875	3.1	4.0	2.9
<b>WHOLESALE AND RETAIL TRADE</b> .....	29,424	29,652	29,641	2.6	9.7	-0.5
<b>FINANCE, INSURANCE, AND REAL ESTATE</b> .....	7,819	7,887	7,819	1.8	10.8	-9.8
<b>SERVICES</b> .....	22,952	23,044	23,078	4.3	4.9	1.7
<b>GOVERNMENT</b> .....	27,727	27,867	27,918	2.0	6.2	2.2

<sup>1</sup> Data refer to hours paid for all employees—production workers, nonsupervisory workers and salaried workers—and are based largely on establishment data. See *BLS Handbook of Methods for Surveys and Studies—Chapter 25. Output Per Man-Hour Measures, Private Economy.*

<sup>2</sup> "Annual rate" refers to total man-hours for 1 week in the month, seasonally adjusted, and expressed as an annual equivalent.

<sup>3</sup> Percent change compounded at annual rates.

p= preliminary. **NOTE:** Details may not add to totals because of rounding.

SOURCE: Bureau of Labor Statistics, Office of Productivity and Technology.

**OUTPUT PER MAN-HOUR  
SEASONALLY ADJUSTED**

**C-10: Indexes of output per man-hour, hourly compensation, unit costs, and prices, private economy, seasonally adjusted**

1967=100

Item	Annual average		Quarterly indexes										
			1971				1972				1973		
	1971	1972	I	II	III	IV	I	II	III	IV	I	II	III
<b>Total private:</b>													
Output per man-hour .....	108.7	112.8	107.5	108.0	109.3	110.1	110.7	112.5	113.3	114.8	115.9	115.8	116.2p
Output .....	110.9	118.1	109.2	110.1	111.1	113.1	114.5	117.4	119.1	121.5	124.2	125.0	126.2p
Man-hours .....	102.0	104.7	101.6	101.9	101.7	102.7	103.5	104.4	105.1	105.9	107.1	108.0	108.6p
Compensation per man-hour <sup>1</sup> .....	133.3	142.4	130.1	132.2	134.7	136.1	139.4	141.4	143.1	145.7	149.0	151.5	154.6p
Real compensation per man-hour <sup>2</sup> .....	109.9	113.7	108.8	109.4	110.4	111.0	112.7	113.4	113.8	114.8	115.8	115.3	115.0p
Unit labor costs .....	122.6	126.2	121.0	122.4	123.3	123.6	125.9	125.7	126.3	126.9	128.5	130.9	133.0p
Unit nonlabor payments <sup>3</sup> .....	111.7	114.8	110.3	111.8	112.4	112.5	112.6	114.1	115.4	117.0	118.9	121.1	123.3p
Implicit price deflator <sup>4</sup> .....	118.4	121.8	116.9	118.2	119.1	119.3	120.7	121.2	122.0	123.1	124.8	127.1	129.2p
<b>Private nonfarm:</b>													
Output per man-hour .....	107.6	112.1	106.1	107.0	108.1	109.1	109.8	111.3	112.9	114.2	115.6	115.4	115.9p
Output .....	111.0	118.7	109.2	110.2	111.2	113.3	114.9	117.9	119.9	122.3	125.1	126.3	127.7p
Man-hours .....	103.2	106.0	102.9	103.0	102.9	103.8	104.6	105.9	106.2	107.1	108.2	109.5	110.2p
Compensation per man-hour <sup>1</sup> .....	131.8	140.9	128.4	130.9	133.1	134.6	137.8	139.5	141.8	144.2	147.9	149.8	152.7p
Real compensation per man-hour <sup>2</sup> .....	108.6	112.4	107.4	108.3	109.0	109.7	111.4	111.9	112.7	113.6	114.9	113.9	113.6p
Unit labor costs .....	122.5	125.7	120.9	122.3	123.1	123.3	125.5	125.3	125.6	126.2	127.9	129.8	131.7p
Unit nonlabor payments <sup>3</sup> .....	112.1	114.0	110.9	111.9	113.0	112.6	112.5	113.5	114.5	115.8	116.4	118.0	118.5p
Implicit price deflator <sup>4</sup> .....	118.5	121.3	117.1	118.4	119.3	119.3	120.6	120.8	121.4	122.3	123.6	125.4	126.7p
<b>Manufacturing:</b>													
Output per man-hour .....	115.6	121.8	113.7	115.9	116.4	116.4	118.6	120.7	123.2	124.9	126.1	127.3	129.4p
Output .....	108.9	118.6	107.4	109.3	109.0	109.8	113.0	117.1	120.3	124.4	127.5	129.9	132.1p
Man-hours .....	94.2	97.4	94.5	94.3	93.6	94.4	95.3	97.0	97.6	99.6	101.1	102.0	102.1p
Compensation per man-hour <sup>1</sup> .....	130.7	139.0	128.3	130.0	131.7	132.9	136.4	138.1	139.6	141.9	145.6	148.5	151.8p
Real compensation per man-hour <sup>2</sup> .....	107.8	110.9	107.4	107.6	108.0	108.3	110.3	110.7	110.9	111.8	113.1	112.9	112.9p
Unit labor costs .....	113.1	114.1	112.8	112.1	113.1	114.2	115.1	114.4	113.3	113.6	115.4	116.6	117.3p
<b>Nonfinancial corporations:</b>													
Output per man-hour .....	113.4	117.9	111.3	112.5	114.3	115.3	116.6	117.3	118.3	119.3	121.4	122.0r	n.a.
Output .....	113.5	121.9	111.4	112.8	113.7	115.9	118.5	120.9	122.4	125.5	129.0	130.6r	n.a.
Man-hours .....	100.1	103.4	100.1	100.2	99.5	100.6	101.6	103.1	103.5	105.2	106.2	107.0r	n.a.
Compensation per man-hour <sup>1</sup> .....	132.3	141.3	129.2	131.2	133.9	135.1	138.8	140.2	142.3	144.0	148.2	150.9r	n.a.
Real compensation per man-hour <sup>2</sup> .....	109.1	112.8	108.1	108.7	109.7	110.1	112.2	112.5	113.1	113.5	115.1	114.8r	n.a.
Total unit costs <sup>6</sup> .....	119.3	121.6	118.8	119.1	119.7	119.8	120.8	121.5	121.8	122.1	123.0	124.4r	n.a.
Unit labor costs .....	116.7	119.9	116.1	116.6	117.1	117.2	119.1	119.6	120.2	120.7	122.0	123.7r	n.a.
Unit nonlabor costs <sup>7</sup> .....	127.2	126.7	127.0	126.5	127.6	127.6	126.3	127.3	126.5	126.6	125.9	126.5r	n.a.
Unit profits <sup>8</sup> .....	80.2	84.8	78.5	81.1	81.0	80.0	83.0	82.6	84.9	89.0	91.4	92.7r	n.a.
Implicit price deflator <sup>4</sup> .....	113.4	116.0	112.7	113.3	113.9	113.8	115.1	115.6	116.2	117.1	118.2	119.6r	n.a.

<sup>1</sup> Wages and salaries of employees plus employers' contributions for social insurance and private benefit plans. Data also include an estimate of wages, salaries, and supplemental payments for the self-employed, except for nonfinancial corporations where there are no self-employed.

<sup>2</sup> Compensation per man-hour adjusted for changes in the Consumer Price Index.

<sup>3</sup> Nonlabor payments include profits, depreciation, interest, rental income, and indirect taxes.

<sup>4</sup> Current dollar gross product divided by constant dollar gross product.

<sup>5</sup> Quarterly measures adjusted to annual estimates of output (gross product originating) from the Bureau of Economic Analysis, U.S. Department of Commerce.

<sup>6</sup> Total unit costs is the sum of unit labor costs and unit nonlabor costs.

<sup>7</sup> Includes depreciation, interest, and indirect taxes.

<sup>8</sup> Includes corporate profits before taxes and inventory valuation adjustment.

r= preliminary.

= revised.

n. a. = not available.

SOURCE: Output data from the Bureau of Economic Analysis, U.S. Department of Commerce, and the Federal Reserve Board. Compensation and man-hours data from the Bureau of Labor Statistics, U.S. Department of Labor, and the Bureau of Economic Analysis.

**OUTPUT PER MAN-HOUR  
SEASONALLY ADJUSTED**
**C-11: Percent changes from preceding quarter and year in output per man-hour, hourly compensation, unit costs, and prices, private economy, seasonally adjusted at annual rate <sup>1</sup>**

Item	Quarterly percent change						Annual percent change					
	I to II	II to III	III to IV	IV 1972 to I 1973	I 1973 to II 1973	II 1973 to III 1973	II 1971 to II 1972	III 1971 to III 1972	IV 1971 to IV 1972	I 1972 to I 1973	II 1972 to II 1973	III 1972 to III 1973
	1972	1972	1972	1973	1973	1973	1972	1972	1972	1973	1973	1973
<b>Total private:</b>												
Output per man-hour	6.5	3.1	5.2	4.1	-0.7	1.6p	4.1	3.7	4.2	4.7	2.9	2.5p
Output	10.4	5.8	8.4	9.3	2.6	3.7p	6.6	7.2	7.5	8.5	6.5	6.0p
Man-hours	3.6	2.6	3.0	5.0	3.2	2.1p	2.4	3.3	3.1	3.6	3.5	3.3p
Compensation per man-hour <sup>2</sup>	5.9	4.9	7.4	9.5	6.9	8.4p	7.0	6.3	7.0	6.9	7.2	8.0p
Real compensation per man-hour <sup>3</sup>	2.8	1.2	3.6	3.5	-1.7	-0.7p	3.7	3.1	3.5	2.8	1.6	1.1p
Unit labor costs	-0.5	1.7	2.0	5.2	7.6	6.7p	2.8	2.4	2.6	2.1	4.1	5.4p
Unit nonlabor payments <sup>4</sup>	5.4	4.6	6.0	6.6	7.4	7.4p	2.1	2.6	4.1	5.6	6.1	6.8p
Implicit price deflator <sup>5</sup>	1.5	2.8	3.5	5.7	7.5	6.9p	2.5	2.5	3.2	3.4	4.9	5.9p
<b>Private nonfarm:</b>												
Output per man-hour	5.7	5.6	4.7	5.0	-0.8	1.9p	4.1	4.4	4.6	5.3	3.6	2.7p
Output	11.0	7.0	8.3	9.2	3.9	4.6p	7.0	7.8	8.0	8.9	7.1	6.5p
Man-hours	5.0	1.3	3.4	4.0	4.8	2.6p	2.8	3.2	3.2	3.4	3.4	3.7p
Compensation per man-hour <sup>2</sup>	5.2	6.7	6.8	10.7	5.3	7.9p	6.6	6.6	7.1	7.3	7.4	7.7p
Real compensation per man-hour <sup>3</sup>	2.0	2.9	3.1	4.6	-3.2	-1.2p	3.3	3.4	3.6	3.2	1.8	0.8p
Unit labor costs	-0.5	1.0	2.0	5.4	6.2	5.9p	2.4	2.0	2.4	1.9	3.6	4.8p
Unit nonlabor payments <sup>4</sup>	3.7	3.6	4.4	2.4	5.4	1.7p	1.4	1.4	2.8	3.5	3.9	3.5p
Implicit price deflator <sup>5</sup>	1.0	1.9	2.9	4.3	5.9	4.4p	2.1	1.8	2.5	2.5	3.7	4.4p
<b>Manufacturing:</b>												
Output per man-hour	7.4	8.6	5.7	3.9	3.8	6.8p	4.1	5.8	7.4	6.4	5.5	5.0p
Output	15.3	11.4	14.3	10.3	7.7	6.9p	7.1	10.4	13.3	12.8	10.9	9.8p
Man-hours	7.4	2.6	8.2	6.2	3.8	0.1p	2.9	4.3	5.5	6.1	5.2	4.5p
Compensation per man-hour <sup>2</sup>	4.9	4.4	6.8	10.8	8.2	9.2p	6.2	5.9	6.8	6.7	7.5	8.7p
Real compensation per man-hour <sup>3</sup>	1.6	0.8	3.2	4.7	-0.7	0.1p	2.9	2.7	3.2	2.6	2.0	1.8p
Unit labor costs	-2.3	-3.8	1.1	6.6	4.2	2.2p	2.0	0.1	-0.5	0.3	1.9	3.5p
<b>Nonfinancial corporations:</b>												
Output per man-hour	2.5	3.6	3.4	7.3	1.9r	n.a.	4.3	3.6	3.5	4.2	4.0r	n.a.
Output	8.6	5.1	10.4	11.6	5.0r	n.a.	7.2	7.7	8.3	8.9	8.0r	n.a.
Man-hours	6.0	1.5	6.8	4.0	3.1r	n.a.	2.9	4.0	4.6	4.5	3.8r	n.a.
Compensation per man-hour <sup>2</sup>	4.2	5.9	4.9	12.1	7.5r	n.a.	6.9	6.3	6.6	6.7	7.6r	n.a.
Real compensation per man-hour <sup>3</sup>	1.0	2.2	1.3	5.9	-1.2r	n.a.	3.5	3.1	3.1	2.6	2.0r	n.a.
Total unit costs <sup>7</sup>	2.0	1.1	1.1	2.8	4.6r	n.a.	2.0	1.7	2.0	1.8	2.4r	n.a.
Unit labor costs	1.6	2.3	1.4	4.4	5.5r	n.a.	2.5	2.7	3.0	2.5	3.4r	n.a.
Unit nonlabor costs <sup>8</sup>	3.1	-2.4	0.3	-2.0	1.7r	n.a.	0.6	-0.9	-0.8	-0.3	-0.6r	n.a.
Unit profits <sup>9</sup>	-2.0	12.0	20.4	11.6	5.5r	n.a.	1.9	4.9	11.2	10.2	12.3r	n.a.
Implicit price deflator <sup>5</sup>	1.6	2.2	3.2	3.8	4.7r	n.a.	2.0	2.1	2.9	2.7	3.4r	n.a.

<sup>1</sup> Computed from seasonally-adjusted original data, not from indexes.

<sup>2</sup> Wages and salaries of employees plus employers' contributions for social insurance and private benefit plans. Data also include an estimate of wages, salaries, and supplemental payments for the self-employed, except for nonfinancial corporations where there are no self-employed.

<sup>3</sup> Compensation per man-hour adjusted for changes in the Consumer Price Index.

<sup>4</sup> Nonlabor payments include profits, depreciation, interest, rental income, and indirect taxes.

<sup>5</sup> Current dollar gross product divided by constant dollar gross product.

<sup>6</sup> Quarterly measures adjusted to annual estimates of output (gross product originating) from the Bureau of Economic Analysis, U.S. Department of Commerce.

<sup>7</sup> Total unit costs is the sum of unit labor costs and unit nonlabor costs.

<sup>8</sup> Includes depreciation, interest, and indirect taxes.

<sup>9</sup> Includes corporate profits before taxes and inventory valuation adjustment.

p= preliminary.

r= revised.

n. a. = not available.

SOURCE: Output data from the Bureau of Economic Analysis, U.S. Department of Commerce, and the Federal Reserve Board. Compensation and man-hours data from the Bureau of Labor Statistics, U.S. Department of Labor, and the Bureau of Economic Analysis.

C-12: Indexes of average hourly earnings, private nonfarm economy<sup>1</sup> adjusted for overtime (in manufacturing only) and interindustry employment shifts, 1964 to date

(1967 = 100)

Year and month	Current dollars	1967 dollars	Current dollars	1967 dollars	Current dollars	1967 dollars	Current dollars	1967 dollars
	Total private <sup>2</sup>		Mining		Contract construction		Manufacturing	
1964 -----	88.6	95.3	88.3	95.0	86.6	93.2	90.3	97.1
1965 -----	91.9	97.2	91.8	97.2	90.1	95.3	92.6	98.0
1966 -----	95.6	98.4	96.2	99.0	94.6	97.3	95.7	98.5
1967 -----	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
1968 -----	106.6	102.3	105.6	101.3	107.1	102.8	106.2	101.9
1969 -----	113.6	103.5	113.7	103.5	116.5	106.1	112.6	102.5
1970 -----	121.2	104.2	120.3	103.4	127.3	109.4	119.6	102.8
1971 -----	129.7	106.9	127.2	104.9	138.1	113.8	127.5	105.1
1972 -----	137.9	110.1	136.7	109.1	146.9	117.2	135.4	108.0
1972: October ---	140.4	110.9	138.1	109.1	151.6	119.7	137.0	108.2
November ---	140.7	110.9	139.4	109.8	150.8	118.9	137.7	108.5
December ---	141.9	111.4	141.6	111.2	151.8	119.2	139.2	109.4
1973: January ---	142.6	111.7	142.5	111.6	153.7	120.3	140.1	109.7
February ---	142.8	111.0	141.6	110.1	150.9	117.4	140.1	109.0
March -----	143.2	110.3	142.4	109.7	150.9	116.3	140.7	108.4
April -----	144.4	110.5	144.1	110.2	152.2	116.4	141.4	108.1
May -----	144.9	110.2	144.5	109.9	153.8	117.0	142.0	108.0
June -----	145.7	110.0	145.6	110.0	154.3	116.6	142.4	107.6
July -----	146.6	110.5	147.1	110.9	155.7	117.3	143.3	108.0
August -----	147.1	108.9	146.6	108.5	157.2	116.3	143.9	106.5
SeptemberP--	149.2	110.1	149.1	110.0	161.1	118.9	145.2	107.2
OctoberP----	149.5	(*)	149.6	(*)	161.6	(*)	145.7	(*)

Year and month	Transportation and public utilities		Wholesale and retail trade		Finance, insurance, and real estate		Services	
1964 -----	89.4	96.2	87.3	93.9	89.2	96.0	86.3	92.9
1965 -----	93.6	99.0	90.7	96.0	92.5	97.8	90.7	96.0
1966 -----	96.4	99.2	95.0	97.7	96.0	98.8	95.2	98.0
1967 -----	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
1968 -----	105.5	101.3	107.2	102.8	105.8	101.5	106.6	102.3
1969 -----	112.2	102.1	114.1	103.9	112.2	102.2	114.0	103.8
1970 -----	119.0	102.3	121.1	104.1	118.9	102.2	122.2	105.0
1971 -----	130.0	107.1	128.3	105.8	126.8	104.5	131.1	108.1
1972 -----	143.7	114.6	135.0	107.7	133.4	106.5	138.4	110.5
1972: October ---	148.5	117.3	137.1	108.3	135.0	106.6	140.9	111.3
November ---	149.2	117.5	137.3	108.2	135.1	106.4	140.9	111.0
December ---	150.4	118.1	138.0	108.4	136.2	107.0	141.9	111.4
1973: January ---	150.7	118.0	138.7	108.6	137.4	107.6	141.9	111.1
February ---	151.7	118.0	139.5	108.5	138.1	107.4	142.4	110.7
March -----	151.3	116.7	140.2	108.0	137.5	106.0	143.3	110.4
April -----	153.8	117.7	141.5	108.3	139.1	106.5	144.3	110.4
May -----	153.3	116.6	142.1	108.1	138.7	105.4	144.7	110.1
June -----	154.3	116.6	143.1	108.1	139.2	105.1	146.1	110.4
July -----	155.4	117.1	143.5	108.1	140.7	106.0	147.5	111.1
August -----	157.7	116.8	143.8	106.4	140.4	103.9	146.6	108.5
SeptemberP--	159.7	117.8	145.4	107.3	142.0	104.8	149.8	110.5
OctoberP----	160.1	(*)	145.6	(*)	142.0	(*)	149.7	(*)

<sup>1</sup> Production and nonsupervisory workers.

<sup>2</sup> Prior data are as follows:

Total private	1947	1948	1949	1950	1951	1952	1953	1954	1955	1956	1957	1958	1959	1960	1961	1962	1963
Current dollars . . . . .	42.6	46.0	48.2	50.0	53.7	56.4	59.6	61.7	63.7	67.0	70.3	73.2	75.8	78.4	80.8	83.5	85.9
1967 dollars . . . . .	63.7	63.8	67.5	69.3	69.0	70.9	74.4	76.6	79.4	82.3	83.4	84.5	86.8	88.4	90.2	92.2	93.7

\* Not available.

p = preliminary.

NOTE: Seasonally adjusted data are shown in table C-17.

EMPLOYEE COMPENSATION DATA  
SEASONALLY ADJUSTED

C-13: Four-quarter changes in compensation, seasonally adjusted

Measure	Percent change over 4-quarter period <sup>1</sup> ending in--								
	1971		1972				1973		
	Sept.	Dec.	Mar.	June	Sept.	Dec.	Mar.	June	Sept. <sup>P</sup>
Average hourly compensation:									
All persons, total private economy	6.8	6.7	7.2	7.0	6.3	7.0	6.9	7.2	8.0
All employees, private nonfarm economy:									
Current dollars	6.8	6.7	7.3	6.6	6.5	6.9	7.2	7.3	7.8
1967 dollars	2.4	3.1	3.6	3.3	3.3	3.4	3.0	1.8	.9
Average hourly earnings, private nonfarm economy <sup>2</sup> :	6.6	6.5	6.5	6.2	6.0	6.7	6.2	6.3	7.0
Mining	6.7	2.2	8.1	7.3	6.6	10.7	5.5	6.5	7.7
Contract construction	8.3	8.2	7.7	6.8	5.4	6.4	6.6	6.1	7.4
Manufacturing	5.7	6.4	6.0	6.5	6.6	7.7	6.9	6.5	7.1
Transportation and public utilities	9.5	9.6	10.1	10.5	9.9	11.1	9.1	8.8	8.8
Wholesale and retail trade	5.6	5.4	5.6	4.9	5.0	5.4	4.9	5.9	6.5
Finance, insurance, and real estate	6.9	5.5	5.6	4.8	4.6	5.4	4.4	4.2	4.7
Services	6.3	6.0	6.0	5.6	5.3	6.0	4.9	5.6	6.5
Average hourly earnings, private nonfarm economy, <sup>2</sup> adjusted for overtime (in manufacturing only) and interindustry employment shifts:									
Total, current dollars	6.9	6.6	6.6	6.2	6.0	6.5	5.7	6.0	6.6
1967 dollars	2.5	3.0	3.0	3.0	2.8	3.0	1.6	.5	-.2
Mining	6.4	4.7	8.3	7.4	7.0	8.1	5.8	6.9	7.6
Contract construction	8.2	8.0	7.8	6.6	5.4	6.2	6.2	6.0	7.2
Manufacturing	6.4	6.2	6.3	6.1	5.8	6.4	5.5	5.5	6.2
Transportation and public utilities	9.0	9.8	9.8	10.6	10.5	11.2	9.4	8.8	8.6
Wholesale and retail trade	6.0	5.7	5.6	5.0	5.0	5.5	5.1	5.9	6.3
Finance, insurance, and real estate	6.8	5.4	5.4	5.0	4.9	5.6	4.8	4.6	5.4
Services	7.2	6.1	6.2	5.5	5.0	5.7	4.7	5.5	6.3
Average hourly earnings, all Federal executive branch employees <sup>3</sup>	7.2	3.8	6.7	7.2	7.7	9.4	6.7	5.9	(*)
Average union scales, 7 building trades: 4/									
Wages and selected benefits	11.7	10.8	11.1	7.3	8.0	7.9	6.9	5.9	6.1
Hourly wage rates	11.0	10.1	10.4	6.1	6.8	6.9	5.7	4.7	4.9
Wage rates, hired farm labor	5.3	3.5	4.6	5.7	7.3	9.0	7.2	9.2	7.9
Average weekly earnings, private nonfarm economy: <sup>2</sup>									
Current dollars	6.2	7.0	6.8	6.6	6.7	6.9	6.1	6.3	6.8
1967 dollars	1.8	3.5	3.1	3.4	3.5	3.4	1.9	.8	-.1
Real spendable earnings (worker and 3 dependents, 1967 dollars)	2.7	4.3	3.9	4.1	4.3	4.1	.5	-.6	-1.5

<sup>1</sup> Current quarter divided by comparable quarter a year earlier.

<sup>2</sup> Production and nonsupervisory workers.

<sup>3</sup> Computed from data that are not seasonally adjusted.

<sup>4</sup> Changes subsequent to June 1971 based on data before seasonal adjustment.

\* Not available.

<sup>P</sup> preliminary.

NOTE: See technical description at end of table C-17.

C-14: Quarter-to-quarter changes in compensation, seasonally adjusted

Measure	Percent change over previous quarter at annual rate								
	1971		1972				1973		
	Sept.	Dec.	Mar.	June	Sept.	Dec.	Mar.	June	Sept. <sup>P</sup>
Average hourly compensation:									
All persons, total private economy	7.7	4.4	9.9	5.9	4.9	7.4	9.5	6.9	8.4
All employees, private nonfarm economy:									
Current dollars	6.8	4.7	9.8	5.2	6.4	6.5	10.8	5.8	8.3
1967 dollars	2.6	2.4	6.1	2.0	2.7	2.8	4.7	-2.8	-.8
Average hourly earnings, private nonfarm economy <sup>1</sup> :	6.0	4.7	7.4	6.5	5.3	7.5	5.5	7.2	7.8
Mining	7.8	-9.6	30.8	4.1	5.0	4.9	8.0	8.2	9.8
Contract construction	9.3	6.2	6.8	5.0	3.8	10.0	7.5	3.2	9.1
Manufacturing	5.0	3.4	10.7	7.0	5.4	7.9	7.4	5.5	7.5
Transportation and public utilities	11.7	7.7	13.9	8.9	9.0	12.5	6.2	7.6	8.8
Wholesale and retail trade	5.7	3.7	6.6	3.6	5.9	5.4	4.9	7.5	8.2
Finance, insurance, and real estate	3.7	2.0	7.4	6.0	3.1	5.1	3.5	5.0	5.3
Services	4.1	5.9	8.1	4.3	3.0	8.7	3.7	7.1	6.6
Average hourly earnings, private nonfarm economy, <sup>1</sup> adjusted for overtime (in manufacturing only) and interindustry employment shifts:									
Total, current dollars	6.4	4.8	8.3	5.6	5.3	7.1	5.0	6.7	7.7
1967 dollars	2.4	2.2	4.5	2.9	1.6	3.0	-1.0	-1.6	-1.3
Mining	7.8	-.5	19.2	4.2	6.0	4.0	9.3	8.3	9.0
Contract construction	8.7	6.2	7.1	4.3	4.1	9.3	7.1	3.6	8.9
Manufacturing	6.0	4.0	8.9	5.5	5.1	6.1	5.2	5.8	7.7
Transportation and public utilities	9.3	9.0	13.6	10.5	9.0	11.5	6.4	8.2	8.2
Wholesale and retail trade	5.2	3.9	6.5	4.4	5.3	5.7	5.0	7.6	7.1
Finance, insurance, and real estate	3.9	1.9	6.8	7.4	3.8	4.5	3.6	6.4	7.3
Services	5.7	4.4	8.0	4.1	3.5	7.2	4.1	7.4	6.7
Average hourly earnings, all Federal executive branch employees <sup>2</sup>	-2.8	2.3	6.4	3.3	-.8	8.8	3.8	.4	(*)
Average union scales, 7 building trades: 3/									
Wages and selected benefits	4.9	5.4	5.6	13.3	7.7	5.3	1.7	9.0	8.6
Hourly wage rates	4.0	3.9	5.6	11.3	6.5	4.4	.8	7.4	7.0
Wage rates, hired farm labor	7.0	-2.3	9.4	9.1	13.6	4.3	2.1	17.5	8.2
Average weekly earnings, private nonfarm economy: <sup>1</sup>									
Current dollars	5.2	6.2	7.8	7.3	5.6	7.1	4.3	8.4	7.4
1967 dollars	1.2	3.7	4.1	4.5	1.9	3.0	-1.7	(4/)	-1.5
Real spendable earnings (worker and 3 dependents, 1967 dollars)	.7	3.0	9.4	3.7	1.3	2.2	-5.0	-1.0	-2.4

<sup>1</sup> Production and nonsupervisory workers.

<sup>2</sup> Computed from data that are not seasonally adjusted. Actual percent change rather than annual rate of change is shown where change is affected by a general salary adjustment.

<sup>3</sup> Changes subsequent to June 1971 based on data before seasonal adjustment.

<sup>4</sup> Less than 0.05

\* Not available.

<sup>P</sup> preliminary.

NOTE: See technical description at end of table C-17.

**EMPLOYEE COMPENSATION DATA**  
**SEASONALLY ADJUSTED**

**C-15: Twelve-month changes in compensation, seasonally adjusted**

Measure	Percent change at annual rate over 12-month period <sup>1</sup> ending in:-												
	1972			1973									
	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept. <sup>P</sup>	Oct. <sup>P</sup>
Average hourly earnings, private nonfarm economy <sup>2</sup>	6.9	6.9	6.2	6.2	6.2	6.1	6.1	6.4	6.6	7.1	6.8	7.0	6.7
Mining	12.5	13.6	6.3	6.0	5.1	5.3	5.5	6.5	7.6	8.0	7.3	7.9	8.6
Contract construction	5.9	6.2	7.2	7.8	6.1	5.9	5.8	5.5	7.0	7.3	7.1	7.9	7.2
Manufacturing	7.8	8.4	7.1	7.6	6.7	6.4	6.6	6.3	6.6	7.4	6.8	7.0	7.0
Transportation and public utilities	11.4	11.6	10.2	9.2	9.6	8.6	9.0	8.5	8.9	8.2	9.0	9.1	7.7
Wholesale and retail trade	5.5	5.5	5.1	4.4	5.1	5.4	5.4	6.0	6.3	6.3	6.6	6.6	6.5
Finance, insurance, and real estate	5.1	5.8	5.4	4.1	4.7	4.4	4.1	4.1	4.4	4.6	4.6	4.9	4.6
Services	5.9	6.2	5.8	4.8	4.8	5.1	5.1	5.4	6.3	7.0	6.3	6.2	6.5
Average hourly earnings, private nonfarm economy, <sup>2</sup> adjusted for overtime (in manufacturing only) and interindustry employment shifts:													
Total, current dollars	6.6	6.8	6.3	5.8	5.7	5.7	5.7	5.9	6.4	6.5	6.6	6.7	6.5
1967 dollars	3.1	3.1	2.8	2.1	1.7	1.0	.5	.4	.4	.7	-.8	-.6	(*)
Mining	9.0	9.1	6.4	6.0	5.6	5.9	6.2	7.1	7.3	7.7	7.1	8.0	8.4
Contract construction	6.0	5.8	6.8	7.4	5.6	5.5	5.7	5.7	6.7	7.2	6.9	7.5	6.6
Manufacturing	6.4	6.9	5.8	5.6	5.3	5.4	5.4	5.5	5.7	6.1	6.2	6.3	6.4
Transportation and public utilities	11.4	11.6	10.5	9.5	9.8	8.8	9.0	8.3	9.1	8.1	8.7	8.9	7.8
Wholesale and retail trade	5.5	5.6	5.3	4.7	5.2	5.4	5.5	5.9	6.3	6.1	6.5	6.4	6.2
Finance, insurance, and real estate	5.6	5.8	5.5	4.6	5.3	4.6	4.3	4.5	4.9	5.2	5.3	5.8	5.2
Services	5.8	5.6	5.6	4.5	4.5	5.1	4.9	5.3	6.3	6.6	6.1	6.3	6.3
Average hourly earnings, all Federal executive branch employees <sup>3</sup>	11.0	9.8	7.4	7.6	6.2	6.3	6.3	5.9	5.6	5.5	2.4	(*)	(*)
Average weekly earnings, private nonfarm economy: <sup>2</sup>													
Current dollars	7.7	7.2	5.9	5.9	6.2	6.1	5.8	6.6	6.6	7.1	6.5	6.8	5.8
1967 dollars	4.2	3.5	2.5	2.2	2.2	1.4	.6	1.1	.7	1.3	-.9	-.6	(*)
Real spendable earnings (worker and 3 dependents, 1967 dollars)	4.8	4.2	3.3	.8	.8	4/	-.8	-.4	-.8	-.2	-2.3	-2.1	(*)

<sup>1</sup> Current month divided by same month a year earlier.  
<sup>2</sup> Production and nonsupervisory workers.  
<sup>3</sup> Computed from data that are not seasonally adjusted.  
<sup>4</sup> Less than 0.05 percent.

\* Not available.  
P: preliminary.

NOTE: See technical description at end of table C-17.

**C-16: Six-month changes in compensation, seasonally adjusted**

Measure	Percent change at annual rate over 6-month period <sup>1</sup> ending in:-												
	1972			1973									
	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept. <sup>P</sup>	Oct. <sup>P</sup>
Average hourly earnings, private nonfarm economy <sup>2</sup>	6.2	6.2	6.7	6.7	6.1	6.6	6.0	6.5	6.5	7.6	7.5	7.5	7.4
Mining	2.8	4.7	7.5	8.8	5.1	5.5	8.3	8.3	7.6	7.1	9.5	10.4	8.9
Contract construction	5.1	6.1	9.5	12.0	7.4	7.0	6.6	4.9	4.5	2.8	6.8	8.7	7.7
Manufacturing	6.5	5.9	7.5	9.7	6.9	6.3	6.8	6.8	5.7	5.1	6.7	7.7	7.1
Transportation and public utilities	10.8	10.3	11.2	9.2	9.2	9.6	7.2	6.8	6.7	7.1	8.8	8.7	8.2
Wholesale and retail trade	4.7	6.1	6.1	4.7	5.4	5.3	6.0	5.9	6.6	7.9	7.9	7.8	7.1
Finance, insurance, and real estate	2.9	4.1	5.3	4.7	4.7	3.5	5.2	4.1	3.4	4.6	4.6	6.3	3.9
Services	4.5	5.8	7.1	6.4	6.4	5.7	5.7	5.0	5.6	7.5	6.2	6.8	7.4
Average hourly earnings, private nonfarm economy, <sup>2</sup> adjusted for overtime (in manufacturing only) and interindustry employment shifts:													
Total, current dollars	5.7	5.9	6.9	6.4	5.9	5.8	5.8	5.8	5.9	6.6	7.3	7.7	7.2
1967 dollars	1.8	2.1	2.9	2.2	.9	-.1	-.7	-1.3	-1.9	-.8	-2.5	-1.1	(*)
Mining	3.4	4.7	6.8	7.6	5.6	6.5	9.1	9.5	7.7	7.8	8.7	9.4	7.6
Contract construction	5.6	5.9	8.6	11.6	6.8	6.3	5.8	5.4	4.9	3.0	7.1	8.7	7.4
Manufacturing	5.6	5.4	5.7	6.1	5.4	5.4	5.2	5.6	5.7	6.1	7.0	7.2	7.6
Transportation and public utilities	9.2	10.2	11.5	9.1	9.1	8.7	8.8	6.5	6.7	7.1	8.3	9.1	6.8
Wholesale and retail trade	5.1	5.5	5.9	5.0	5.5	5.5	5.9	6.3	6.6	7.3	7.5	7.3	6.6
Finance, insurance, and real estate	3.0	4.1	5.4	4.4	4.9	2.9	5.6	4.9	4.4	6.0	5.8	8.7	4.8
Services	4.1	5.4	6.6	5.7	5.7	5.5	5.8	5.3	6.1	7.4	6.6	7.2	6.8
Average hourly earnings, all Federal executive branch employees <sup>3</sup>	4.7	1.5	5.5	7.0	6.0	5.2	3.9	5.2	2.8	-2.8	7.2	(*)	(*)
Average weekly earnings, private nonfarm economy: <sup>2</sup>													
Current dollars	6.2	6.8	6.2	5.0	6.7	5.5	5.4	6.5	7.1	9.3	6.4	8.1	6.3
1967 dollars	2.3	2.9	2.2	.8	1.6	-.4	-1.1	-.6	-.8	1.8	-3.3	-.7	(*)
Real spendable earnings (worker and 3 dependents, 1967 dollars)	1.6	2.2	1.5	-1.2	-.6	-2.5	-3.1	-2.8	-3.1	.7	-4.1	-1.6	(*)

<sup>1</sup> Current month divided by month 6 months earlier.  
<sup>2</sup> Production and nonsupervisory workers.  
<sup>3</sup> Computed from data that are not seasonally adjusted. Actual percent change rather than annual rate of change is shown where change is affected by a general salary adjustment.

\* Not available.  
P: preliminary.

NOTE: See technical description at end of table C-17.

**EMPLOYEE COMPENSATION DATA  
SEASONALLY ADJUSTED**
**C-17: Average hourly or weekly compensation, seasonally adjusted**

Measure	1972			1973									
	4th quarter			1st quarter			2nd quarter			3d quarter			4th quarter
	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept. <sup>p</sup>	Oct. <sup>p</sup>
<b>Levels</b>													
Average hourly earnings, private nonfarm economy <sup>1</sup>	\$ 3.73	\$ 3.73	\$ 3.75	\$ 3.77	\$ 3.78	\$ 3.81	\$ 3.84	\$ 3.85	\$ 3.87	\$ 3.91	\$ 3.92	\$ 3.95	\$ 3.98
Mining	4.41	4.44	4.53	4.58	4.52	4.54	4.59	4.62	4.70	4.74	4.73	4.77	4.79
Contract construction	6.15	6.19	6.39	6.37	6.29	6.31	6.35	6.34	6.43	6.46	6.50	6.58	6.59
Manufacturing	3.88	3.89	3.93	3.97	3.96	3.98	4.01	4.02	4.04	4.07	4.09	4.13	4.15
Transportation and public utilities	4.80	4.81	4.85	4.86	4.90	4.92	4.97	4.97	5.01	5.03	5.11	5.13	5.17
Wholesale and retail trade	3.06	3.07	3.09	3.09	3.11	3.13	3.15	3.16	3.19	3.21	3.23	3.25	3.26
Finance, insurance, and real estate	3.49	3.49	3.53	3.53	3.53	3.54	3.58	3.56	3.59	3.61	3.61	3.65	3.65
Services	3.23	3.24	3.27	3.26	3.27	3.30	3.32	3.32	3.36	3.38	3.37	3.41	3.44
Wage rates, hired farm labor (quarterly data)	1.91	-	-	1.93	-	-	1.94	-	-	2.02	-	-	2.06
Average weekly earnings, private nonfarm economy: <sup>1</sup>													
Current dollars	139.13	138.76	138.75	139.11	140.62	141.35	142.85	143.22	143.58	145.45	145.04	146.94	147.26
1967 dollars	109.89	109.28	109.05	108.79	109.22	108.83	109.30	108.94	108.60	109.77	107.39	108.45	(*)
Real spendable earnings (worker and 3 dependents, 1967 dollars)	97.49	96.98	96.78	95.81	96.08	95.67	95.96	95.61	95.29	96.16	94.11	94.89	(*)
<b>Indexes, 1967=100</b>													
Average hourly compensation (quarterly data):													
All persons, total private economy	-	145.7	-	-	149.0	-	-	151.5	-	-	154.6	-	-
All employees, private nonfarm economy:													
Current dollars	-	143.8	-	-	147.5	-	-	149.6	-	-	152.6	-	-
1967 dollars	-	113.3	-	-	114.6	-	-	113.8	-	-	113.6	-	-
Average hourly earnings, private nonfarm economy, <sup>1</sup> adjusted for overtime (in manufacturing only) and interindustry employment shifts:													
Total, current dollars	140.4	140.7	141.9	142.3	142.5	143.3	144.4	144.7	146.0	146.9	147.6	148.7	149.5
1967 dollars	110.9	110.8	111.5	111.3	110.7	110.4	110.5	110.1	110.4	110.9	109.3	109.8	*
Mining	137.8	138.4	140.9	142.4	141.5	142.5	144.0	144.8	146.2	147.9	147.5	149.1	149.3
Contract construction	149.2	149.6	151.8	154.0	151.8	152.6	153.4	153.7	155.4	156.3	157.2	159.1	159.0
Manufacturing	137.5	138.0	138.8	139.5	139.7	140.4	141.1	141.8	142.7	143.7	144.5	145.4	146.3
Transportation and public utilities	148.2	148.7	150.1	150.4	151.5	152.1	154.6	153.5	155.0	155.6	157.7	158.9	159.8
Wholesale and retail trade	137.2	137.4	138.4	138.7	139.2	140.2	141.2	141.7	142.9	143.6	144.4	145.2	145.8
Finance, insurance, and real estate	135.4	135.2	136.5	136.8	137.0	136.9	139.1	138.5	139.5	140.9	140.9	142.7	142.4
Services	140.7	141.0	142.0	142.2	142.3	143.6	144.7	144.7	146.3	147.3	146.9	148.6	149.6
Average hourly earnings, all Federal executive branch employees <sup>2</sup>	153.0	151.1	154.1	158.1	158.1	159.5	158.9	158.9	158.4	155.9	160.0	(*)	(*)
Average union scales, 7 building trades (quarterly data): <sup>2/</sup>													
Wages and selected benefits	162.3	-	-	164.4	-	-	165.1	-	-	168.7	-	-	172.2
Hourly wage rates	154.4	-	-	156.1	-	-	156.4	-	-	159.2	-	-	161.9

<sup>1</sup> Production and nonsupervisory workers.<sup>2</sup> Not seasonally adjusted.

\* Not available.

p= preliminary.

**Technical description covering tables C-12 through C-17:**

Characteristic	Average hourly compensation	Average hourly and weekly earnings	Union scales, building trades	Wage rates, hired farm labor
Reference period and source	Basic time series consists of quarterly averages. Data are developed by BLS from Department of Commerce estimates of compensation and BLS in-hour estimates.	Basic time series consists of averages for payroll period including 12th of month. Monthly data have been summed and divided by 3 to obtain quarterly averages. Private industry data obtained by BLS from a stratified probability sample of establishments. Federal data obtained from the Civil Service Commission. Published by BLS monthly in <i>Employment and Earnings</i> .	Basic time series consists of wage rates and selected benefits as of January 1, April 1, July 1, and October 1. Data obtained by BLS from local union officials and union agreements. Published quarterly in press releases.	Basic time series consists of rates as of week preceding January 1, April 1, July 1, and October 1. Data obtained by Department of Agriculture from a sample survey of farm operators and published quarterly in <i>Farm Labor</i> by USDA.
Type of compensation	Compensation is the total of wages and salaries plus supplements to wages and salaries (according to National Income Accounts definitions) per man-hour paid for.	Basic series consists of regular hourly payroll expenditures before deductions, i.e., straight-time hourly earnings plus premium and incentive pay. Series adjusted for overtime and interindustry employment shifts excludes overtime premiums in manufacturing only. Weekly earnings in 1967 dollars adjust earnings for price changes while spendable earnings adjust for price and Federal income and social security tax changes.	Compensation is, in the case of wage scales, minimum wage rates (excluding premium pay for holiday, vacation, or overtime) agreed upon in collective bargaining. In the case of wages and selected benefits, it is wages, as defined above, plus employer payments to health and welfare, pension, and vacation funds.	Compensation is cash payments to worker, exclusive of perquisites such as room or board.
Type of worker	1. Total private economy: All persons, i.e., all employees and imputed compensation of self employed. 2. Nonfarm economy: All nonfarm employees including government enterprise and private household workers.	1. Private: Production and related workers in mining and manufacturing; construction workers in contract construction; and nonsupervisory workers in all other industries. 2. Federal Executive Branch: All workers, supervisory and nonsupervisory.	Unionized building trades workers in continental United States cities of 100,000 population or more in the following seven trades: Bricklayers, building laborers, carpenters, electricians, painters, plasterers, and plumbers.	Hired farm workers defined as those working only for wages, for 1 hour or more on farm during survey week.

## ESTABLISHMENT DATA

106

## STATE AND AREA HOURS AND EARNINGS

C-18: Gross hours and earnings of production workers on manufacturing payrolls,  
by State and selected areas

State and area	Average weekly earnings			Average weekly hours			Average hourly earnings		
	Sept. 1972	Aug. 1973	Sept. 1973 <sup>P</sup>	Sept. 1972	Aug. 1973	Sept. 1973 <sup>P</sup>	Sept. 1972	Aug. 1973	Sept. 1973 <sup>P</sup>
<b>ALABAMA</b> .....	\$135.38	\$140.01	\$145.38	41.4	40.7	41.3	\$3.27	\$3.44	\$3.52
Birmingham .....	165.13	172.22	174.66	41.7	41.3	41.0	3.96	4.17	4.26
Mobile .....	166.30	164.42	(*)	42.1	40.2	(*)	3.95	4.09	(*)
<b>ALASKA</b> .....	181.03	218.80	(*)	32.5	40.0	(*)	5.57	5.47	(*)
<b>ARIZONA</b> .....	159.51	157.96	165.64	40.9	39.1	40.4	3.90	4.04	4.10
Phoenix .....	160.39	160.70	167.58	40.3	39.1	39.9	3.98	4.11	4.20
Tucson .....	151.03	158.00	157.61	40.6	39.5	39.6	3.72	4.00	3.98
<b>ARKANSAS</b> .....	116.31	121.91	123.53	41.1	40.5	40.5	2.83	3.01	3.05
Fort Smith .....	110.37	119.20	127.62	39.0	40.0	41.3	2.83	2.98	3.09
Little Rock—North Little Rock .....	121.30	127.51	131.45	40.3	39.6	40.2	3.01	3.22	3.27
Pine Bluff .....	141.92	146.29	150.06	40.9	40.3	41.0	3.47	3.63	3.66
<b>CALIFORNIA</b> .....	173.26	180.14	182.66	40.2	40.3	40.5	4.31	4.47	4.51
Anaheim—Santa Ana—Garden Grove .....	170.54	170.91	172.13	40.8	40.5	40.5	4.18	4.22	4.25
Bakersfield .....	180.30	193.11	195.76	40.7	41.0	41.3	4.43	4.71	4.74
Fresno .....	152.31	157.08	159.42	40.4	40.8	41.3	3.77	3.85	3.86
Los Angeles—Long Beach .....	167.26	172.13	175.03	40.4	40.5	40.8	4.14	4.25	4.29
Modesto .....	153.65	165.57	166.43	38.8	39.8	40.2	3.96	4.16	4.14
Oxnard—Simi Valley—Ventura .....	156.00	157.61	157.60	40.0	39.6	39.4	3.90	3.98	4.00
Riverside—San Bernardino—Ontario .....	169.28	180.95	180.00	40.4	40.3	40.0	4.19	4.49	4.50
Sacramento .....	177.86	192.96	203.40	39.7	40.2	42.2	4.48	4.80	4.82
Salinas—Seaside—Montarey .....	164.84	178.70	178.27	40.7	40.8	40.7	4.05	4.38	4.38
San Diego .....	172.10	181.76	184.34	38.5	39.6	39.9	4.47	4.59	4.62
San Francisco—Oakland .....	199.69	208.03	212.66	39.7	39.7	40.2	5.03	5.24	5.29
San Jose .....	181.12	185.54	188.55	40.7	40.6	40.9	4.45	4.57	4.61
Santa Barbara—Santa Maria—Lompoc .....	147.23	159.47	159.83	36.9	38.8	38.7	3.99	4.11	4.13
Santa Rosa .....	157.08	172.33	173.01	38.5	39.8	39.5	4.08	4.33	4.38
Stockton .....	185.95	187.23	206.45	41.6	39.5	43.1	4.47	4.74	4.79
Vallejo—Fairfield—Napa .....	167.53	180.03	182.28	39.7	38.8	39.2	4.22	4.64	4.65
<b>COLORADO</b> .....	169.30	173.83	173.79	41.7	40.9	40.7	4.06	4.25	4.27
Denver .....	172.23	181.19	180.30	41.5	40.9	40.7	4.15	4.43	4.43
<b>CONNECTICUT</b> .....	163.88	171.40	176.40	41.7	41.4	42.1	3.93	4.14	4.19
Bridgeport .....	167.22	175.56	178.50	41.7	42.0	42.4	4.01	4.18	4.21
Hartford .....	174.71	183.12	185.27	42.2	42.0	42.3	4.14	4.36	4.38
New Britain .....	170.47	177.24	185.74	42.3	42.1	43.5	4.03	4.21	4.27
New Haven .....	160.55	167.28	168.10	41.7	40.7	41.2	3.85	4.11	4.08
Stamford .....	166.05	183.72	189.47	40.9	41.1	42.2	4.06	4.47	4.49
Waterbury .....	153.85	155.96	159.94	42.5	41.7	42.2	3.62	3.74	3.79
<b>DELAWARE</b> .....	168.09	157.25	(*)	40.7	37.0	(*)	4.13	4.25	(*)
Wilmington .....	183.19	183.36	(*)	40.8	38.2	(*)	4.49	4.80	(*)
<b>DISTRICT OF COLUMBIA:</b>									
Washington SMSA .....	178.30	183.52	(*)	39.1	38.8	(*)	4.56	4.73	(*)
<b>FLORIDA</b> .....	135.96	141.29	142.80	41.2	40.6	40.8	3.30	3.48	3.50
Fort Lauderdale—Hollywood .....	140.87	138.75	(*)	41.8	40.1	(*)	3.37	3.46	(*)
Jacksonville .....	159.94	166.42	(*)	42.2	41.5	(*)	3.79	4.01	(*)
Miami .....	127.66	134.20	(*)	40.4	40.3	(*)	3.16	3.33	(*)
Orlando .....	131.20	146.32	(*)	41.0	41.1	(*)	3.20	3.56	(*)
Pensacola .....	160.72	159.96	(*)	41.0	39.4	(*)	3.92	4.06	(*)
Tampa—St. Petersburg .....	140.94	152.82	(*)	40.5	42.1	(*)	3.48	3.63	(*)
West Palm Beach .....	161.20	163.22	(*)	42.2	40.3	(*)	3.82	4.05	(*)
<b>GEORGIA</b> .....	127.51	132.84	139.33	41.4	40.5	41.1	3.08	3.28	3.39
Atlanta .....	161.98	152.85	178.88	40.8	37.1	41.6	3.97	4.12	4.30
Savannah .....	160.32	170.71	170.13	42.3	43.0	43.4	3.79	3.97	3.92

See footnotes at end of table.



**ESTABLISHMENT DATA**  
**STATE AND AREA HOURS AND EARNINGS**

**C-18: Gross hours and earnings of production workers on manufacturing payrolls,  
by State and selected areas--Continued**

State and area	Average weekly earnings			Average weekly hours			Average hourly earnings		
	Sept. 1972	Aug. 1973	Sept. 1973 <sup>P</sup>	Sept. 1972	Aug. 1973	Sept. 1973 <sup>P</sup>	Sept. 1972	Aug. 1973	Sept. 1973 <sup>P</sup>
<b>HAWAII</b> .....	\$152.48	\$154.64	\$162.78	39.4	42.6	38.3	\$3.87	\$3.63	\$4.25
Honolulu .....	147.43	154.64	160.60	38.9	42.6	37.7	3.79	3.63	4.26
<b>IDAHO</b> .....	154.81	167.20	163.05	39.9	40.0	39.1	3.88	4.18	4.17
<b>ILLINOIS</b> .....	177.87	186.17	(*)	41.6	41.1	(*)	4.28	4.53	(*)
Chicago .....	181.32	184.29	(*)	41.7	40.5	(*)	4.35	4.55	(*)
Davenport-Rock Island-Moline .....	202.53	216.12	(*)	40.8	41.6	(*)	4.96	5.19	(*)
Decatur .....	186.80	202.62	(*)	41.1	41.5	(*)	4.54	4.88	(*)
Peoria .....	205.13	215.33	(*)	42.0	41.4	(*)	4.88	5.20	(*)
Rockford .....	174.64	182.54	(*)	42.4	42.5	(*)	4.12	4.30	(*)
Springfield .....	198.36	201.38	220.39	41.9	41.0	43.3	4.73	4.91	5.09
<b>INDIANA</b> .....	183.90	192.35	194.74	41.7	41.1	41.7	4.41	4.68	4.67
Indianapolis .....	192.10	199.08	(*)	42.5	42.0	(*)	4.52	4.74	(*)
<b>IOWA</b> .....	181.33	176.31	184.46	41.4	39.8	40.9	4.38	4.43	4.51
Cedar Rapids .....	177.22	186.35	192.51	41.6	40.6	41.4	4.26	4.59	4.65
Des Moines .....	198.86	185.53	193.75	42.4	37.8	39.3	4.69	4.91	4.93
Dubuque .....	213.62	183.74	217.48	40.3	34.8	40.2	5.30	5.28	5.41
Sioux City <sup>1</sup> .....	156.14	138.26	145.56	41.0	38.1	39.6	3.81	3.63	3.67
Waterloo .....	223.32	209.35	234.35	43.5	39.8	43.0	5.14	5.26	5.45
<b>KANSAS</b> .....	158.15	159.19	167.42	41.4	41.1	42.2	3.82	3.88	3.97
Topeka .....	202.43	183.56	197.06	46.5	41.0	43.5	4.35	4.48	4.54
Wichita .....	162.63	173.89	178.08	41.6	41.9	42.5	3.91	4.15	4.19
<b>KENTUCKY</b> .....	152.66	159.60	161.60	40.6	40.0	40.3	3.76	3.99	4.01
Louisville .....	184.29	192.29	(*)	41.6	41.0	(*)	4.43	4.69	(*)
<b>LOUISIANA</b> .....	157.36	168.89	173.47	42.3	41.7	41.8	3.72	4.05	4.15
Baton Rouge .....	212.18	222.79	225.84	42.1	41.8	41.9	5.04	5.33	5.39
New Orleans .....	158.95	166.87	168.51	41.5	41.0	41.0	3.83	4.07	4.11
Shreveport .....	144.63	153.04	162.39	41.8	41.7	42.4	3.46	3.67	3.83
<b>MAINE</b> .....	126.28	133.25	135.55	41.0	41.0	41.2	3.08	3.25	3.29
Lewiston-Auburn .....	106.08	112.13	114.37	39.0	38.8	38.9	2.72	2.89	2.94
Portland .....	142.12	143.44	147.55	41.8	41.1	41.8	3.40	3.49	3.53
<b>MARYLAND</b> .....	163.61	169.20	175.44	40.8	40.0	40.8	4.01	4.23	4.30
Baltimore .....	171.79	176.36	185.40	41.0	39.9	41.2	4.19	4.42	4.50
<b>MASSACHUSETTS</b> .....	150.22	156.78	(*)	40.6	40.2	(*)	3.70	3.90	(*)
Boston .....	164.43	170.77	(*)	40.6	39.9	(*)	4.05	4.28	(*)
Brockton .....	127.36	130.99	(*)	39.8	39.1	(*)	3.20	3.35	(*)
Fall River .....	108.77	109.90	(*)	36.5	35.0	(*)	2.98	3.14	(*)
Lawrence-Haverhill .....	145.93	152.83	(*)	40.2	39.8	(*)	3.63	3.84	(*)
Lowell .....	133.17	140.01	(*)	39.4	39.0	(*)	3.38	3.59	(*)
New Bedford .....	123.17	133.17	(*)	39.1	39.4	(*)	3.15	3.38	(*)
Springfield-Chicopee-Holyoke .....	153.30	155.99	(*)	41.1	40.1	(*)	3.73	3.89	(*)
Worcester .....	154.28	162.41	(*)	40.6	40.5	(*)	3.80	4.01	(*)
<b>MICHIGAN</b> .....	215.26	222.46	(*)	43.4	42.6	(*)	4.96	5.22	(*)
Ann Arbor .....	230.31	246.13	(*)	44.6	45.8	(*)	5.16	5.37	(*)
Bettie Creek .....	207.91	230.13	(*)	42.5	43.2	(*)	4.89	5.33	(*)
Bay City .....	187.63	199.87	(*)	41.9	41.1	(*)	4.48	4.86	(*)
Detroit .....	234.30	240.41	244.26	44.2	42.8	43.4	5.30	5.62	5.63
Flint .....	234.04	220.31	241.54	43.6	38.8	42.6	5.37	5.68	5.67
Grand Rapids .....	173.56	178.29	183.71	41.6	41.1	41.6	4.17	4.34	4.42
Jackson .....	199.62	208.70	(*)	42.5	42.6	(*)	4.70	4.90	(*)
Kalamazoo .....	201.65	201.98	205.43	43.3	42.0	42.4	4.66	4.81	4.85
Lansing-East Lansing .....	235.50	206.23	255.43	44.3	37.3	45.2	5.32	5.53	5.65
Muskegon-Muskegon Heights .....	188.08	194.68	199.93	42.0	41.5	42.1	4.48	4.69	4.75
Saginaw .....	233.41	256.04	251.79	42.6	44.1	43.3	5.48	5.81	5.82

See footnotes at end of table.

**ESTABLISHMENT DATA**  
**STATE AND AREA HOURS AND EARNINGS**

**C-18: Gross hours and earnings of production workers on manufacturing payrolls,  
 by State and selected areas--Continued**

State and area	Average weekly earnings			Average weekly hours			Average hourly earnings		
	Sept. 1972	Aug. 1973	Sept. 1973 <sup>P</sup>	Sept. 1972	Aug. 1973	Sept. 1973 <sup>P</sup>	Sept. 1972	Aug. 1973	Sept. 1973 <sup>P</sup>
<b>MINNESOTA</b> .....	\$163.14	\$169.74	\$173.47	41.3	40.9	41.5	\$3.95	\$4.15	\$4.18
Duluth-Superior .....	159.54	(*)	(*)	40.7	(*)	(*)	3.92	(*)	(*)
Minneapolis-St. Paul .....	179.61	183.11	186.14	41.1	40.6	41.0	4.37	4.51	4.54
<b>MISSISSIPPI</b> .....	114.95	119.95	121.99	41.2	40.8	40.8	2.79	2.94	2.99
Jackson .....	113.55	122.13	124.38	41.9	41.4	41.6	2.71	2.95	2.99
<b>MISSOURI</b> .....	154.79	156.78	164.42	40.1	39.0	40.2	3.86	4.02	4.09
Kansas City .....	171.23	172.38	186.86	40.1	39.0	40.8	4.27	4.42	4.58
St. Joseph .....	143.50	144.20	150.05	41.0	39.4	39.8	3.50	3.66	3.77
St. Louis .....	178.13	180.89	189.14	40.3	38.9	40.5	4.42	4.65	4.67
Springfield .....	133.90	136.85	139.48	40.7	39.1	39.4	3.29	3.50	3.54
<b>MONTANA</b> .....	176.38	184.27	193.23	41.5	39.8	41.2	4.25	4.63	4.69
<b>NEBRASKA</b> .....	152.40	156.78	159.55	42.1	42.0	41.9	3.62	3.74	3.81
Lincoln .....	142.46	153.98	154.71	40.9	40.8	40.7	3.48	3.77	3.80
Omaha .....	162.85	167.15	171.33	41.7	40.9	41.4	3.90	4.09	4.14
<b>NEVADA</b> .....	174.32	176.25	178.32	39.8	37.5	37.7	4.38	4.70	4.73
Las Vegas .....	223.89	211.01	(*)	43.9	40.5	(*)	5.10	5.21	(*)
<b>NEW HAMPSHIRE</b> .....	130.25	133.45	137.60	40.2	39.6	40.0	3.24	3.37	3.44
Manchester .....	115.44	120.84	123.95	38.1	38.0	39.1	3.03	3.18	3.17
<b>NEW JERSEY</b> .....	166.85	172.99	178.45	41.3	40.8	41.5	4.04	4.24	4.30
Atlantic City .....	128.14	143.78	142.20	37.8	40.5	39.5	3.39	3.55	3.60
Camden <sup>2</sup> .....	156.70	165.62	169.30	40.7	41.2	41.7	3.85	4.02	4.06
Jersey City <sup>3</sup> .....	166.34	178.51	181.90	41.9	42.3	42.6	3.97	4.22	4.27
Newark <sup>3</sup> .....	166.03	173.36	179.73	41.3	40.6	41.7	4.02	4.27	4.31
Paterson-Clifton-Passaic <sup>3</sup> .....	165.62	166.83	170.13	41.2	40.2	40.7	4.02	4.15	4.18
Perth Amboy <sup>3</sup> .....	180.59	192.28	196.19	41.9	41.8	42.1	4.31	4.60	4.66
Trenton .....	174.28	172.53	180.58	42.3	40.5	41.8	4.12	4.26	4.32
<b>NEW MEXICO</b> .....	118.49	122.30	125.14	41.0	39.2	39.6	2.89	3.12	3.16
Albuquerque .....	125.05	129.42	132.53	40.6	39.1	39.8	3.08	3.31	3.33
<b>NEW YORK</b> .....	160.80	166.32	(*)	40.0	39.6	(*)	4.02	4.20	(*)
Albany-Schenectady-Troy .....	181.41	185.49	192.61	41.8	40.5	41.6	4.34	4.58	4.63
Binghamton .....	158.53	163.10	168.35	41.5	41.5	42.3	3.82	3.93	3.98
Buffalo .....	196.88	209.25	213.87	41.8	41.6	42.1	4.71	5.03	5.08
Elmira .....	154.31	156.42	162.40	40.5	39.5	40.6	3.81	3.96	4.00
Monroe County <sup>4</sup> .....	199.66	207.06	216.57	42.3	42.0	43.4	4.72	4.93	4.99
Nassau-Suffolk <sup>5</sup> .....	154.82	157.95	163.93	39.8	39.0	39.5	3.89	4.05	4.15
New York-Northeastern New Jersey .....	156.82	163.09	(*)	39.6	39.3	(*)	3.96	4.15	(*)
New York and Nassau-Suffolk <sup>3</sup> .....	148.60	153.12	(*)	38.2	37.9	(*)	3.89	4.04	(*)
New York SMSA <sup>5</sup> .....	147.82	151.93	(*)	38.0	37.7	(*)	3.89	4.03	(*)
New York City <sup>1,4</sup> .....	146.28	151.53	(*)	37.7	37.6	(*)	3.88	4.03	(*)
Poughkeepsie .....	184.47	185.70	193.52	43.0	42.3	43.1	4.29	4.39	4.49
Rochester .....	190.71	197.66	206.50	42.1	41.7	43.2	4.53	4.74	4.78
Rockland County <sup>6</sup> .....	156.31	167.67	164.41	40.6	41.4	41.0	3.85	4.05	4.01
Syracuse .....	175.54	183.59	184.40	42.4	42.4	42.1	4.14	4.33	4.38
Utica-Rome .....	149.24	154.79	159.10	41.0	40.1	40.9	3.64	3.86	3.89
Westchester County <sup>6</sup> .....	165.24	156.70	173.40	40.8	38.5	40.8	4.05	4.07	4.25
<b>NORTH CAROLINA</b> .....	114.24	120.80	123.93	40.8	40.4	40.5	2.80	2.99	3.06
Asheville .....	109.62	117.60	121.50	40.3	40.0	40.5	2.72	2.94	3.00
Charlotte .....	124.09	132.34	134.96	41.5	41.1	41.4	2.99	3.22	3.26
Greensboro-Winston-Salem-High Point .....	126.25	134.46	137.07	39.7	39.9	39.5	3.18	3.37	3.47
Raleigh .....	116.51	125.64	125.42	39.9	40.4	40.2	2.92	3.11	3.12
<b>NORTH DAKOTA</b> .....	135.38	145.20	148.37	39.7	40.0	41.1	3.41	3.63	3.61
Fargo-Moorhead .....	158.00	160.40	154.71	39.9	39.9	38.2	3.96	4.02	4.05

See footnotes at end of table.

**ESTABLISHMENT DATA**  
**STATE AND AREA HOURS AND EARNINGS**
**C-18: Gross hours and earnings of production workers on manufacturing payrolls,  
 by State and selected areas--Continued**

State and area	Average weekly earnings			Average weekly hours			Average hourly earnings		
	Sept. 1972	Aug. 1973	Sept. 1973 <sup>P</sup>	Sept. 1972	Aug. 1973	Sept. 1973 <sup>P</sup>	Sept. 1972	Aug. 1973	Sept. 1973 <sup>P</sup>
<b>OHIO</b> .....	\$189.45	\$199.44	\$203.04	42.1	41.9	42.3	\$4.50	\$4.76	\$4.80
Akron .....	206.61	220.91	206.35	42.6	43.4	40.7	4.85	5.09	5.07
Canton .....	187.83	200.08	199.18	41.1	41.0	40.9	4.57	4.88	4.87
Cincinnati .....	178.50	185.20	191.70	42.5	41.9	42.6	4.20	4.42	4.50
Cleveland .....	197.37	203.34	211.19	43.0	42.1	43.1	4.59	4.83	4.90
Columbus .....	175.05	180.45	184.63	40.9	40.1	40.4	4.28	4.50	4.57
Dayton .....	209.52	220.91	224.26	43.2	43.4	43.8	4.85	5.09	5.12
Toledo .....	199.18	215.22	215.71	42.2	42.2	42.8	4.72	5.10	5.04
Youngstown-Warren .....	209.66	222.91	235.64	42.1	41.9	43.8	4.98	5.32	5.38
<b>OKLAHOMA</b> .....	143.56	148.96	150.88	40.9	40.7	41.0	3.51	3.66	3.68
Oklahoma City .....	144.54	154.60	(*)	40.6	40.9	(*)	3.56	3.78	(*)
Tulsa .....	152.28	159.19	(*)	40.5	40.2	(*)	3.76	3.96	(*)
<b>OREGON</b> .....	168.17	180.06	(*)	39.2	39.4	(*)	4.29	4.57	(*)
Eugene-Springfield .....	172.22	189.37	(*)	39.5	39.7	(*)	4.36	4.77	(*)
Portland .....	168.56	175.89	(*)	39.2	39.0	(*)	4.30	4.51	(*)
<b>PENNSYLVANIA</b> .....	158.39	167.58	172.46	40.2	39.9	40.2	3.94	4.20	4.29
Allentown-Bethlehem-Easton .....	162.81	172.30	176.57	40.3	39.7	39.5	4.04	4.34	4.47
Altoona .....	126.04	132.94	131.00	37.4	38.2	36.9	3.37	3.48	3.55
Delaware Valley .....	166.42	176.14	176.88	40.1	40.4	40.2	4.15	4.36	4.40
Erie .....	169.97	175.98	184.90	42.6	41.8	43.0	3.99	4.21	4.30
Harrisburg .....	144.84	155.83	161.07	39.9	40.9	41.3	3.63	3.81	3.90
Johnstown .....	164.42	170.33	186.44	37.2	37.6	38.6	4.42	4.53	4.83
Lancaster .....	147.14	151.22	156.29	41.1	39.9	40.7	3.58	3.79	3.84
Philadelphia SMSA .....	165.22	174.12	175.74	40.2	40.4	40.4	4.11	4.31	4.35
Pittsburgh .....	184.82	197.07	203.42	40.8	40.3	41.6	4.53	4.89	4.89
Reading .....	145.12	144.38	152.10	40.2	38.4	39.0	3.61	3.76	3.90
Scranton .....	117.61	125.15	127.35	36.3	36.7	36.7	3.24	3.41	3.47
Wilkes-Barre-Hazleton .....	119.41	128.22	128.02	37.2	37.6	37.0	3.21	3.41	3.46
Williamsport .....	140.65	138.67	147.41	40.3	38.2	39.1	3.49	3.63	3.77
York .....	144.21	153.97	155.21	41.8	41.5	41.5	3.45	3.71	3.74
<b>RHODE ISLAND</b> .....	125.22	132.60	132.60	39.5	39.0	39.0	3.17	3.40	3.40
Providence-Warwick-Pawtucket .....	126.80	132.78	133.17	40.0	39.4	39.4	3.17	3.37	3.38
<b>SOUTH CAROLINA</b> .....	117.73	123.41	127.82	41.6	41.0	41.1	2.83	3.01	3.11
Charleston .....	131.75	144.07	148.26	41.3	41.4	42.0	3.19	3.48	3.53
Greenville .....	117.03	121.50	(*)	41.5	40.5	(*)	2.82	3.00	(*)
<b>SOUTH DAKOTA</b> .....	141.92	144.76	144.92	43.4	44.0	42.5	3.27	3.29	3.41
Sioux Falls .....	180.65	187.11	191.78	46.8	48.1	46.1	3.86	3.89	4.16
<b>TENNESSEE</b> .....	128.23	134.23	(*)	41.1	40.8	(*)	3.12	3.29	(*)
Chattanooga .....	142.76	150.28	(*)	41.5	41.4	(*)	3.44	3.63	(*)
Knoxville .....	144.18	161.41	(*)	40.5	41.6	(*)	3.56	3.88	(*)
Memphis .....	154.14	160.63	(*)	42.0	41.4	(*)	3.67	3.88	(*)
Nashville .....	130.02	137.51	(*)	39.4	39.4	(*)	3.30	3.49	(*)
<b>TEXAS</b> .....	147.03	154.13	156.15	41.3	41.1	41.2	3.56	3.75	3.79
Amarillo .....	120.65	129.02	130.06	39.3	40.7	40.9	3.07	3.17	3.18
Austin .....	126.79	128.88	133.01	41.3	40.4	40.8	3.07	3.19	3.26
Beaumont-Port Arthur-Orange .....	193.87	201.69	205.76	40.9	40.5	41.4	4.74	4.98	4.97
Corpus Christi .....	182.75	174.31	174.30	42.9	41.8	41.5	4.26	4.17	4.20
Dallas .....	136.45	142.91	144.43	41.1	40.6	40.8	3.32	3.52	3.54
El Paso .....	103.34	108.78	107.30	39.9	42.0	40.8	2.59	2.59	2.63
Fort Worth .....	154.19	155.07	161.13	41.9	40.7	41.0	3.68	3.81	3.93
Galveston-Texas City .....	229.32	226.73	229.94	44.1	42.3	42.9	5.20	5.36	5.36
Houston .....	175.98	187.90	190.89	41.9	42.9	42.8	4.20	4.38	4.46
Lubbock .....	125.86	126.98	130.42	43.7	42.9	42.9	2.88	2.96	3.04
San Antonio .....	118.15	121.36	119.48	42.5	41.0	41.2	2.78	2.96	2.90
Waco .....	125.42	136.82	140.56	40.2	40.6	41.1	3.12	3.37	3.42
Wichita Falls .....	109.80	116.32	119.10	38.8	39.7	40.1	2.83	2.93	2.97

See footnotes at end of table.

**ESTABLISHMENT DATA**  
**STATE AND AREA HOURS AND EARNINGS**

110

**C-18: Gross hours and earnings of production workers on manufacturing payrolls,  
 by State and selected areas--Continued**

State and area	Average weekly earnings			Average weekly hours			Average hourly earnings		
	Sept. 1972	Aug. 1973	Sept. 1973 <sup>D</sup>	Sept. 1972	Aug. 1973	Sept. 1973 <sup>D</sup>	Sept. 1972	Aug. 1973	Sept. 1973 <sup>D</sup>
<b>UTAH</b> .....	\$151.27	\$155.96	\$156.65	39.6	38.7	38.3	\$3.82	\$4.03	\$4.09
Salt Lake City .....	140.62	141.54	145.27	39.5	39.1	39.8	3.56	3.62	3.65
<b>VERMONT</b> .....	141.28	144.96	149.16	42.3	41.3	41.9	3.34	3.51	3.56
Burlington .....	168.84	160.48	160.19	44.2	41.9	41.5	3.82	3.83	3.86
Springfield .....	155.08	170.07	178.70	41.8	42.2	43.8	3.71	4.03	4.08
<b>VIRGINIA</b> .....	129.78	134.94	137.63	41.2	40.4	40.6	3.15	3.34	3.39
Lynchburg .....	132.51	126.80	138.11	42.2	39.5	41.6	3.14	3.21	3.32
Norfolk-Virginia Beach-Portsmouth .....	138.93	144.02	148.54	42.1	40.8	42.2	3.30	3.53	3.52
Northern Virginia <sup>8</sup> .....	161.58	173.23	176.20	40.7	40.1	40.6	3.97	4.32	4.34
Richmond .....	146.20	152.74	149.34	41.3	40.3	39.3	3.54	3.79	3.80
Roanoke .....	125.58	124.71	127.12	42.0	40.1	40.1	2.99	3.11	3.17
<b>WASHINGTON</b> .....	180.97	189.82	(*)	39.6	39.3	(*)	4.57	4.83	(*)
Seattle-Everett .....	185.20	191.88	(*)	40.0	39.4	(*)	4.63	4.87	(*)
Spokane .....	173.31	178.88	(*)	38.6	39.4	(*)	4.49	4.54	(*)
Tacoma .....	182.66	195.42	(*)	38.7	39.8	(*)	4.72	4.91	(*)
<b>WEST VIRGINIA</b> .....	157.20	164.32	165.53	40.0	39.5	39.6	3.93	4.16	4.18
Charleston .....	188.16	196.04	198.76	42.0	41.8	42.2	4.48	4.69	4.71
Huntington-Ashland .....	168.00	179.63	180.91	40.0	38.3	39.5	4.20	4.69	4.58
Wheeling .....	166.05	174.64	174.17	40.5	40.9	40.6	4.10	4.27	4.29
<b>WISCONSIN</b> .....	176.24	181.21	188.75	42.1	41.2	42.2	4.19	4.40	4.47
Appleton-Oshkosh .....	174.20	182.17	185.48	43.1	42.6	43.1	4.04	4.27	4.30
Green Bay .....	174.81	182.97	189.18	43.7	43.4	43.8	4.00	4.21	4.32
Kenosha .....	232.25	225.12	249.41	45.2	42.0	44.7	5.14	5.37	5.58
La Crosse .....	136.65	145.65	148.57	40.6	40.8	41.2	3.37	3.57	3.60
Madison .....	188.69	199.26	188.61	41.2	42.1	40.5	4.58	4.74	4.65
Milwaukee .....	191.90	200.38	209.21	41.7	41.1	42.2	4.60	4.88	4.96
Racine .....	184.68	188.12	195.85	41.8	40.6	41.4	4.42	4.64	4.73
<b>WYOMING</b> .....	159.99	169.58	(*)	40.3	39.9	(*)	3.97	4.25	(*)
Casper .....	206.08	184.67	(*)	44.8	39.8	(*)	4.60	4.64	(*)
Cheyenne .....	168.92	168.16	(*)	41.3	34.6	(*)	4.09	4.86	(*)

<sup>1</sup> Data for 1973 not comparable with earlier years.

<sup>2</sup> Subarea of Philadelphia, Pennsylvania Standard Metropolitan Statistical Area: Burlington, Camden, and Gloucester Counties, New Jersey.

<sup>3</sup> Area included in the New York-Northeastern New Jersey Standard Consolidated Area.

<sup>4</sup> Subarea of Rochester Standard Metropolitan Statistical Area.

<sup>5</sup> Area included in New York and Nassau-Suffolk combined SMSA's.

<sup>6</sup> Subarea of New York Standard Metropolitan Statistical Area.

<sup>7</sup> Subarea of Philadelphia, Pennsylvania Standard Metropolitan Statistical Area: Bucks, Chester, Delaware, Montgomery, and Philadelphia Counties, Pennsylvania.

<sup>8</sup> Subarea of Washington, D.C. Standard Metropolitan Statistical Area: Alexandria, Fairfax, and Falls Church cities and Arlington, Fairfax, Loudoun, and Prince William Counties, Virginia.

\* Not available.

p=preliminary.

SOURCE: Cooperating State agencies listed on inside back cover.

D-1: Labor turnover rates in manufacturing  
1961 to date

(Per 100 employees)

Year	Annual average	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
Total accessions													
1961.....	4.1	3.7	3.2	4.0	4.0	4.3	5.0	4.4	5.3	4.7	4.3	3.4	2.6
1962.....	4.1	4.1	3.6	3.8	4.0	4.3	5.0	4.6	5.1	4.9	3.9	3.0	2.4
1963.....	3.9	3.6	3.3	3.5	3.9	3.9	4.8	4.3	4.8	4.8	3.9	2.9	2.5
1964.....	4.0	3.6	3.4	3.7	3.8	3.9	5.1	4.4	5.1	4.8	4.0	3.2	2.6
1965.....	4.3	3.8	3.5	4.0	3.8	4.1	5.6	4.5	5.4	5.5	4.5	3.9	3.1
1966.....	5.0	4.6	4.2	4.9	4.6	5.1	6.7	5.1	6.4	6.1	5.1	3.9	2.9
1967.....	4.4	4.3	3.6	3.9	3.9	4.6	5.9	4.7	5.5	5.3	4.7	3.7	2.8
1968.....	4.6	4.2	3.8	4.0	4.3	4.7	5.9	5.0	5.8	5.7	5.1	3.9	3.1
1969.....	4.7	4.6	3.9	4.4	4.5	4.8	6.6	5.1	5.6	5.9	4.9	3.6	2.9
1970.....	4.0	4.0	3.6	3.7	3.7	4.2	5.4	4.4	5.1	4.7	3.8	3.0	2.4
1971.....	3.9	3.5	3.1	3.5	3.6	4.0	4.9	4.0	5.3	4.8	3.9	3.3	2.5
1972.....	4.4	4.1	3.7	4.0	4.0	4.8	5.2	4.6	6.0	5.3	4.8	3.6	2.7
1973.....		4.6	4.0	4.4	4.5	5.3	5.9	5.1	6.2	5.7 <sup>P</sup>			
New hires													
1961.....	2.2	1.5	1.4	1.6	1.8	2.1	2.9	2.5	3.1	3.0	2.7	2.0	1.4
1962.....	2.5	2.2	2.1	2.2	2.4	2.8	3.5	2.9	3.2	3.1	2.5	1.8	1.2
1963.....	2.4	1.9	1.8	2.0	2.3	2.5	3.3	2.7	3.2	3.2	2.6	1.8	1.4
1964.....	2.6	2.0	2.0	2.2	2.4	2.5	3.6	2.9	3.4	3.5	2.8	2.2	1.6
1965.....	3.1	2.4	2.4	2.8	2.6	3.0	4.3	3.2	3.9	4.0	3.5	2.9	2.2
1966.....	3.8	3.2	3.1	3.7	3.6	4.1	5.6	3.9	4.8	4.7	4.2	3.1	2.1
1967.....	3.3	3.0	2.7	2.8	2.8	3.3	4.6	3.3	4.0	4.1	3.7	2.8	2.0
1968.....	3.5	3.0	2.7	2.9	3.2	3.6	4.7	3.7	4.3	4.6	4.0	2.9	2.2
1969.....	3.7	3.3	3.0	3.4	3.5	3.8	5.4	3.9	4.3	4.8	4.0	2.8	2.1
1970.....	2.8	2.9	2.5	2.6	2.6	2.8	3.9	3.0	3.5	3.4	2.7	1.9	1.4
1971.....	2.5	2.0	1.9	2.2	2.3	2.6	3.5	2.7	3.4	3.4	2.7	2.2	1.6
1972.....	3.3	2.6	2.4	2.7	2.9	3.6	4.1	3.4	4.4	4.2	3.8	2.9	2.0
1973.....		3.5	3.1	3.5	3.6	4.4	5.0	4.1	5.0	4.8 <sup>P</sup>			
Total separations													
1961.....	4.0	4.7	3.9	3.8	3.4	3.5	3.6	4.1	4.2	5.1	4.2	4.0	4.0
1962.....	4.1	3.9	3.4	3.6	3.6	3.8	3.8	4.4	5.1	5.0	4.4	4.0	3.8
1963.....	3.9	4.0	3.2	3.5	3.6	3.6	3.4	4.1	4.8	4.9	4.1	3.9	3.7
1964.....	3.9	4.0	3.3	3.5	3.5	3.6	3.5	4.4	4.3	5.1	4.2	3.6	3.7
1965.....	4.1	3.7	3.1	3.4	3.7	3.6	3.6	4.3	5.1	5.6	4.5	3.9	4.1
1966.....	4.6	4.0	3.6	4.1	4.3	4.3	4.4	5.3	5.8	6.6	4.8	4.3	4.2
1967.....	4.6	4.5	4.0	4.6	4.3	4.2	4.3	4.8	5.3	6.2	4.7	4.0	3.9
1968.....	4.6	4.4	3.9	4.1	4.1	4.3	4.1	5.0	6.0	6.3	5.0	4.1	3.8
1969.....	4.9	4.5	4.0	4.4	4.5	4.6	4.6	5.3	6.2	6.6	5.4	4.3	4.2
1970.....	4.8	4.8	4.3	4.4	4.8	4.6	4.4	5.3	5.6	6.0	5.3	4.3	4.1
1971.....	4.2	4.2	3.5	3.7	3.9	3.7	3.8	4.8	5.5	5.3	4.3	3.7	3.8
1972.....	4.2	4.0	3.5	3.8	3.7	3.9	4.2	4.8	5.4	5.3	4.3	3.7	3.6
1973.....		4.2	3.7	4.2	4.1	4.3	4.4	5.1	6.5	5.7 <sup>P</sup>			
Quits													
1961.....	1.2	.9	.8	.9	1.0	1.1	1.2	1.2	1.7	2.3	1.4	1.1	.9
1962.....	1.4	1.1	1.1	1.2	1.3	1.5	1.5	1.4	2.1	2.4	1.5	1.1	.8
1963.....	1.4	1.1	1.0	1.2	1.3	1.4	1.4	1.4	2.1	2.4	1.5	1.1	.8
1964.....	1.5	1.2	1.1	1.2	1.3	1.5	1.4	1.5	2.1	2.7	1.7	1.2	1.0
1965.....	1.9	1.4	1.3	1.5	1.7	1.7	1.7	1.8	2.6	3.5	2.2	1.7	1.4
1966.....	2.6	1.9	1.8	2.3	2.5	2.5	2.5	2.5	3.6	4.5	2.8	2.1	1.7
1967.....	2.3	2.1	1.9	2.1	2.2	2.2	2.3	2.1	3.2	4.0	2.5	1.9	1.5
1968.....	2.5	2.0	1.9	2.1	2.2	2.4	2.3	2.4	3.8	4.2	2.8	2.1	1.6
1969.....	2.7	2.3	2.1	2.4	2.6	2.7	2.6	2.7	4.0	4.4	3.0	2.1	1.6
1970.....	2.1	2.1	1.9	2.0	2.1	2.1	2.1	2.1	3.0	3.3	2.1	1.4	1.2
1971.....	1.8	1.5	1.3	1.5	1.6	1.7	1.8	1.8	2.8	2.9	1.9	1.5	1.2
1972.....	2.2	1.7	1.6	1.9	2.0	2.2	2.2	2.2	3.6	3.4	2.5	1.9	1.6
1973.....		2.2	2.1	2.5	2.4	2.7	2.8	2.8	4.5	3.9 <sup>P</sup>			
Layoffs													
1961.....	2.2	3.2	2.6	2.3	1.9	1.8	1.8	2.3	1.8	2.1	2.0	2.2	2.6
1962.....	2.0	2.1	1.7	1.6	1.6	1.6	1.6	2.2	2.2	1.9	2.2	2.3	2.5
1963.....	1.8	2.2	1.6	1.7	1.6	1.5	1.4	2.0	1.9	1.8	1.9	2.1	2.3
1964.....	1.7	2.0	1.6	1.6	1.4	1.4	1.3	2.1	1.4	1.5	1.8	1.7	2.1
1965.....	1.4	1.6	1.2	1.2	1.3	1.1	1.1	1.8	1.6	1.3	1.4	1.5	1.9
1966.....	1.2	1.3	1.0	1.0	1.0	.9	1.0	2.0	1.1	1.0	1.1	1.3	1.7
1967.....	1.4	1.5	1.3	1.5	1.3	1.1	1.1	1.9	1.2	1.2	1.3	1.3	1.6
1968.....	1.2	1.5	1.2	1.1	1.0	1.0	.9	1.8	1.3	1.1	1.2	1.2	1.4
1969.....	1.2	1.2	1.0	1.0	.9	.9	.9	1.6	1.1	1.1	1.3	1.3	1.8
1970.....	1.8	1.7	1.5	1.6	1.7	1.5	1.5	2.3	1.7	1.7	2.2	2.1	2.2
1971.....	1.6	1.9	1.4	1.4	1.4	1.2	1.2	2.1	1.8	1.5	1.5	1.5	1.8
1972.....	1.1	1.4	1.1	1.1	1.0	.8	1.1	1.7	.9	.9	.9	1.0	1.3
1973.....		1.0	.8	.8	.7	.6	.6	1.4	.8	.7 <sup>P</sup>			

<sup>P</sup>=preliminary.

**ESTABLISHMENT DATA  
LABOR TURNOVER**

**D-2: Labor turnover rates, by industry**

(Per 100 employees)

SIC Code	Industry	Accession rates				Separation rates					
		Total		New hires		Total		Quits		Layoffs	
		Aug. 1973	Sept. 1973 <sup>P</sup>	Aug. 1973	Sept. 1973 <sup>P</sup>	Aug. 1973	Sept. 1973 <sup>P</sup>	Aug. 1973	Sept. 1973 <sup>P</sup>	Aug. 1973	Sept. 1973 <sup>P</sup>
-	<b>MANUFACTURING</b>	6.2	5.7	5.0	4.8	6.5	5.7	4.5	3.9	0.8	0.7
19,24,25,32-39	<b>DURABLE GOODS</b>	5.5	5.2	4.5	4.4	5.9	5.1	4.0	3.4	.6	.6
20-23,26-31	<b>NONDURABLE GOODS</b>	7.1	6.5	5.6	5.3	7.3	6.7	5.2	4.7	1.0	1.0
	<i>Durable Goods</i>										
19	<b>ORDNANCE AND ACCESSORIES</b>	2.4	-	1.6	-	3.1	-	1.6	-	.8	-
192	Ammunition, except for small atms	2.2	-	1.3	-	2.6	-	1.4	-	.6	-
24	<b>LUMBER AND WOOD PRODUCTS</b>	7.6	6.7	6.9	6.1	9.1	7.9	7.2	5.8	.7	.9
242	Sawmills and planing mills	7.0	-	6.3	-	7.7	-	6.1	-	.6	-
2421	Sawmills and planing mills, general	6.1	-	5.4	-	6.9	-	5.2	-	.6	-
243	Millwork, plywood & related products	7.2	-	6.7	-	10.3	-	8.2	-	.8	-
2431	Millwork	7.3	-	7.0	-	9.6	-	7.6	-	.6	-
2432	Veneer and plywood	6.0	-	5.4	-	7.7	-	5.9	-	.7	-
244	Wooden containers	12.5	-	11.2	-	12.3	-	10.5	-	.5	-
2441,2	Wooden boxes, shooks, and crates	12.2	-	11.1	-	11.9	-	10.3	-	.4	-
249	Miscellaneous wood products	9.4	-	8.6	-	10.7	-	8.5	-	.8	-
25	<b>FURNITURE AND FIXTURES</b>	9.6	8.6	8.8	7.9	10.1	8.1	7.9	6.2	.6	.4
251	Household furniture	10.1	-	9.3	-	10.8	-	8.5	-	.6	-
2511	Wood household furniture	10.7	-	10.1	-	11.6	-	9.6	-	.2	-
2512	Upholstered household furniture	8.6	-	8.1	-	8.5	-	7.2	-	.1	-
2515	Mattresses and bedsprings	10.1	-	9.4	-	10.1	-	7.8	-	.5	-
252	Office furniture	7.9	-	6.4	-	7.7	-	5.1	-	.5	-
32	<b>STONE, CLAY, AND GLASS PRODUCTS</b>	5.7	5.4	5.1	4.7	6.9	6.0	4.9	4.3	.7	.6
321	Flat glass	2.7	-	1.5	-	3.9	-	1.6	-	1.5	-
322	Glass and glassware, pressed or blown	4.3	-	3.5	-	6.7	-	3.8	-	1.1	-
3221	Glass containers	4.3	-	3.5	-	6.7	-	4.2	-	1.1	-
3229	Pressed and blown glass, n e c	4.2	-	3.5	-	6.6	-	3.3	-	1.0	-
324	Cement, hydraulic	1.7	-	1.5	-	3.8	-	2.6	-	.3	-
325	Structural clay products	7.2	-	6.9	-	9.6	-	7.9	-	.5	-
3251	Brick and structural clay tile	9.3	-	8.8	-	12.1	-	10.1	-	.9	-
326	Pottery and related products	8.6	-	7.3	-	8.0	-	6.1	-	.2	-
3291	Abrasive products	3.4	-	3.0	-	4.2	-	2.5	-	.3	-
33	<b>PRIMARY METAL INDUSTRIES</b>	3.8	3.7	3.3	3.2	4.6	3.9	3.1	2.5	.3	.3
331	Blast furnace and basic steel products	2.8	-	2.3	-	3.7	-	2.4	-	.2	-
3312	Blast furnaces and steel mills	2.6	-	2.1	-	3.4	-	2.3	-	.2	-
332	Iron and steel foundries	6.2	-	5.5	-	6.7	-	4.5	-	.5	-
3321	Gray iron foundries	6.0	-	5.3	-	6.3	-	4.6	-	.2	-
3322	Malleable iron foundries	6.0	-	5.4	-	7.1	-	4.7	-	.3	-
3323	Steel foundries	6.7	-	5.9	-	7.6	-	4.1	-	1.4	-
333,4	Nonferrous metals	2.6	-	2.4	-	3.8	-	2.6	-	.4	-
335	Nonferrous rolling and drawing	3.1	-	2.7	-	3.5	-	2.1	-	.4	-
3351	Copper rolling and drawing	2.1	-	1.6	-	4.1	-	2.3	-	.7	-
3352	Aluminum rolling and drawing	2.4	-	2.2	-	3.3	-	2.2	-	.2	-
3357	Nonferrous wire drawing, and insulating	4.1	-	3.6	-	3.2	-	1.8	-	.2	-
336	Nonferrous foundries	6.8	-	6.1	-	8.0	-	5.7	-	.6	-
3361	Aluminum castings	7.1	-	6.6	-	8.2	-	6.1	-	.6	-
3362,9	Other nonferrous castings	6.4	-	5.5	-	7.9	-	5.3	-	.7	-
339	Miscellaneous primary metal products	4.2	-	3.8	-	5.2	-	3.7	-	.3	-
3391	Iron and steel forgings	3.5	-	3.1	-	4.5	-	3.1	-	.3	-

See footnotes at end of table.

D-2: Labor turnover rates, by industry--Continued

(Per 100 employees)

SIC Code	Industry	Accession rates				Separation rates					
		Total		New hires		Total		Quits		Layoffs	
		Aug. 1973	Sept. 1973 <sup>P</sup>	Aug. 1973	Sept. 1973 <sup>P</sup>	Aug. 1973	Sept. 1973 <sup>P</sup>	Aug. 1973	Sept. 1973 <sup>P</sup>	Aug. 1973	Sept. 1973 <sup>P</sup>
<i>Durable Goods--Continued</i>											
34	<b>FABRICATED METAL PRODUCTS</b>	6.4	-	5.6	-	7.4	-	5.0	-	0.8	-
341	Metal cans	5.1	-	2.8	-	7.9	-	3.4	-	2.6	-
342	Cutlery, hand tools, and hardware	5.2	-	4.5	-	6.0	-	4.3	-	.4	-
3421,3,5	Cutlery and hand tools, incl. saws	6.0	-	5.3	-	6.1	-	4.8	-	.2	-
3429	Hardware, n e c	4.6	-	3.9	-	5.9	-	3.8	-	.6	-
343	Plumbing and heating, except electric	5.5	-	4.8	-	7.0	-	4.5	-	1.3	-
3431,2	Sanitary ware & plumbers' brass goods	5.0	-	4.5	-	8.0	-	4.8	-	2.0	-
3433	Heating equipment, except electric	6.0	-	5.1	-	6.1	-	4.2	-	.6	-
344	Fabricated structural metal products	7.3	-	6.8	-	8.3	-	5.9	-	.7	-
3441	Fabricated structural steel	7.0	-	6.4	-	8.3	-	5.5	-	1.2	-
3443	Fabricated plate work (boiler shops)	5.3	-	4.9	-	5.2	-	3.4	-	.5	-
3446,9	Architectural and misc. metal work	7.3	-	6.9	-	8.3	-	6.3	-	.3	-
345	Screw machine products, bolts, etc.	5.5	-	5.3	-	7.1	-	5.1	-	.6	-
3452	Bolts, nuts, rivets, and washers	4.0	-	3.8	-	5.7	-	3.6	-	.7	-
346	Metal stampings	6.2	-	4.1	-	5.8	-	3.6	-	1.0	-
348	Misc. fabricated wire products	7.2	-	6.4	-	8.1	-	6.1	-	.4	-
349	Misc. fabricated metal products	5.2	-	4.9	-	6.7	-	4.7	-	.8	-
3494,8	Valves, pipe, and pipe fittings	4.8	-	4.5	-	6.2	-	4.5	-	.7	-
35	<b>MACHINERY, EXCEPT ELECTRICAL</b>	4.1	4.2	3.5	3.7	4.5	3.6	3.0	2.5	.4	0.3
351	Engines and turbines	3.8	-	2.7	-	3.4	-	1.9	-	.2	-
3511	Steam engines and turbines	1.9	-	1.0	-	2.2	-	.7	-	.2	-
3519	Internal combustion engines, n e c	4.9	-	3.8	-	4.1	-	2.7	-	.2	-
352	Farm machinery	6.6	-	5.3	-	6.7	-	4.4	-	.8	-
353	Construction and related machinery	3.4	-	3.2	-	3.6	-	2.6	-	.1	-
3531,2	Construction and mining machinery	2.7	-	2.5	-	2.9	-	2.0	-	.1	-
3533	Oil field machinery	4.1	-	3.8	-	4.7	-	3.5	-	( <sup>1</sup> )	-
3535,6	Conveyors, hoists, cranes, monorails	4.3	-	4.1	-	4.6	-	3.4	-	.2	-
354	Metal working machinery	4.2	-	3.5	-	4.3	-	2.8	-	.4	-
3541	Machine tools, metal cutting types	3.3	-	3.1	-	3.5	-	2.5	-	.1	-
3545	Machine tool accessories	3.4	-	3.2	-	3.7	-	2.6	-	.4	-
3542,8	Misc. metal working machinery	4.2	-	3.8	-	4.8	-	3.3	-	.3	-
355	Special industry machinery	3.7	-	3.4	-	4.1	-	2.9	-	.3	-
3551	Food products machinery	3.4	-	3.2	-	4.3	-	2.7	-	.7	-
3552	Textile machinery	5.9	-	5.1	-	6.8	-	4.9	-	.1	-
356	General industrial machinery	4.2	-	3.9	-	4.9	-	3.4	-	.4	-
3561	Pumps and compressors	3.9	-	3.5	-	4.3	-	3.1	-	.3	-
3562	Ball and roller bearings	3.1	-	2.7	-	4.0	-	3.0	-	.2	-
3566	Power transmission equipment	4.0	-	3.7	-	4.8	-	3.1	-	.4	-
357	Office and computing machines	3.1	-	2.4	-	2.9	-	1.9	-	.1	-
3573	Electronic computing equipment	2.6	-	2.0	-	2.3	-	1.5	-	.1	-
358	Service industry machines	4.0	-	3.2	-	5.3	-	3.7	-	.5	-
3585	Refrigeration machinery	3.9	-	3.0	-	4.9	-	3.3	-	.5	-
36	<b>ELECTRICAL EQUIPMENT AND SUPPLIES</b>	5.1	-	4.1	-	5.0	-	3.6	-	.3	-
361	Electric test & distributing equipment	4.5	-	3.8	-	4.7	-	3.6	-	.2	-
3611	Electric measuring instruments	3.5	-	3.0	-	3.4	-	2.6	-	.1	-
3612	Transformers	4.2	-	3.4	-	4.7	-	3.2	-	.2	-
3613	Switchgear and switchboard apparatus	5.8	-	4.9	-	6.0	-	4.7	-	.2	-
362	Electrical industrial apparatus	3.9	-	3.4	-	4.8	-	3.6	-	.2	-
3621	Motors and generators	3.8	-	3.2	-	4.0	-	2.9	-	.2	-
3622	Industrial controls	3.9	-	3.3	-	6.0	-	4.5	-	.3	-
363	Household appliances	5.8	-	4.3	-	5.3	-	3.7	-	.4	-
3632	Household refrigerators and freezers	4.7	-	2.1	-	4.6	-	3.3	-	.2	-
3633	Household laundry equipment	3.4	-	3.0	-	3.2	-	2.0	-	( <sup>1</sup> )	-
3634	Electric housewares and fans	9.2	-	7.6	-	6.9	-	5.6	-	.4	-
364	Electric lighting and wiring equipment	6.6	-	5.3	-	6.0	-	4.1	-	.5	-
3641	Electric lamps	6.3	-	3.7	-	3.3	-	2.1	-	.1	-
3642	Lighting fixtures	8.6	-	7.1	-	6.5	-	4.5	-	.6	-
3643,4	Wiring devices	5.5	-	4.8	-	6.7	-	4.5	-	.6	-
365	Radio and TV receiving equipment	7.5	-	5.7	-	6.8	-	4.5	-	.7	-
366	Communication equipment	2.8	-	2.1	-	2.6	-	1.7	-	.3	-
3661	Telephone and telegraph apparatus	2.5	-	1.9	-	2.1	-	1.5	-	( <sup>1</sup> )	-
3662	Radio and TV communication equipment	2.9	-	2.2	-	2.9	-	1.8	-	.4	-
367	Electronic components and accessories	6.5	-	5.4	-	6.8	-	5.1	-	.3	-
3671-3	Electron tubes	4.5	-	2.9	-	4.8	-	2.9	-	.3	-
3674,9	Other electronic components	6.8	-	5.7	-	7.2	-	5.4	-	.3	-
369	Misc. electrical equipment & supplies	5.2	-	4.5	-	4.6	-	3.4	-	.2	-
3694	Engine electrical equipment	4.0	-	3.3	-	4.2	-	3.1	-	.1	-

See footnotes at end of table.

**ESTABLISHMENT DATA**  
**LABOR TURNOVER**

**D-2: Labor turnover rates, by industry--Continued**

(Per 100 employees)

SIC Code	Industry	Accession rates				Separation rates					
		Total		New hires		Total		Quits		Layoffs	
		Aug. 1973	Sept. 1973 <sup>P</sup>	Aug. 1973	Sept. 1973 <sup>P</sup>	Aug. 1973	Sept. 1973 <sup>P</sup>	Aug. 1973	Sept. 1973 <sup>P</sup>	Aug. 1973	Sept. 1973 <sup>P</sup>
<i>Durable Goods--Continued</i>											
37	<b>TRANSPORTATION EQUIPMENT</b>	6.0	-	3.8	-	5.4	-	3.0	-	1.4	-
371	Motor vehicles and equipment	7.0	-	3.5	-	5.2	-	2.4	-	1.7	-
3711	Motor vehicles	9.6	-	3.5	-	6.4	-	1.8	-	3.7	-
3712	Passenger car bodies	3.6	-	2.8	-	2.4	-	1.5	-	.1	-
3713	Truck and bus bodies	5.8	-	5.6	-	7.3	-	4.8	-	1.1	-
3714	Motor vehicle parts and accessories	5.0	-	3.2	-	3.9	-	2.6	-	.3	-
372	Aircraft and parts	2.4	-	1.8	-	2.5	-	1.3	-	.5	-
3721	Aircraft	1.9	-	1.3	-	2.1	-	1.1	-	.6	-
3722	Aircraft engines and engine parts	2.0	-	1.3	-	2.0	-	1.0	-	.3	-
3723,9	Other aircraft parts and equipment	4.4	-	3.8	-	4.2	-	2.5	-	.7	-
373	Ship and boat building and repairing	8.8	-	6.4	-	9.1	-	5.3	-	1.9	-
3731	Ship building and repairing	8.3	-	5.8	-	8.2	-	4.1	-	2.3	-
374	Railroad equipment	6.0	-	3.3	-	6.1	-	2.1	-	2.5	-
375,9	Other transportation equipment	8.8	-	8.3	-	11.8	-	8.7	-	1.3	-
38	<b>INSTRUMENTS AND RELATED PRODUCTS</b>	4.1	4.0	3.6	3.5	4.5	4.0	3.2	2.9	.3	.2
381	Engineering & scientific instruments	3.2	-	2.8	-	3.4	-	2.4	-	.1	-
382	Mechanical measuring & control devices	4.4	-	3.6	-	5.5	-	3.6	-	.7	-
3821	Mechanical measuring devices	4.2	-	3.8	-	5.6	-	3.5	-	.9	-
3822	Automatic temperature controls	4.8	-	3.3	-	5.4	-	3.6	-	.4	-
383,5	Optical and ophthalmic goods	4.8	-	4.3	-	6.2	-	4.7	-	.4	-
384	Medical instruments and supplies	4.6	-	4.2	-	5.7	-	4.3	-	.4	-
386	Photographic equipment and supplies	2.6	-	2.5	-	2.0	-	1.3	-	.1	-
387	Watches, clocks, and watchcases	7.8	-	6.7	-	6.6	-	4.8	-	.1	-
39	<b>MISCELLANEOUS MANUFACTURING INDUSTRIES</b>	8.1	8.7	7.1	7.6	8.2	7.2	5.8	5.3	1.0	.7
391	Jewelry, silverware, and plated ware	6.3	-	5.1	-	5.9	-	4.7	-	.4	-
394	Toys and sporting goods	11.8	-	10.8	-	10.9	-	7.8	-	.9	-
3941-3	Games, toys, dolls, & play vehicles	15.7	-	14.7	-	12.2	-	9.2	-	.2	-
3949	Sporting and athletic goods, n e c	6.9	-	6.0	-	9.3	-	6.1	-	1.9	-
395	Pens, pencils, office and art supplies	5.4	-	4.9	-	5.4	-	3.9	-	.5	-
396	Costume jewelry and notions	5.2	-	4.6	-	7.1	-	5.0	-	1.2	-
393,9	Other manufacturing industries	7.4	-	6.3	-	7.7	-	5.3	-	1.2	-
<i>Nondurable Goods</i>											
20	<b>FOOD AND KINDRED PRODUCTS</b>	10.8	9.7	8.4	7.3	9.6	10.0	6.5	6.6	2.1	2.4
201	Meat products	8.9	-	6.6	-	11.7	-	7.5	-	3.3	-
2011	Meat packing plants	6.5	-	3.2	-	10.0	-	3.4	-	5.7	-
2015	Poultry dressing plants	15.2	-	13.5	-	17.1	-	15.8	-	.2	-
204	Grain mill products	4.8	-	4.0	-	5.3	-	3.8	-	.6	-
2041	Flour and other grain mill products	4.3	-	3.7	-	5.3	-	3.7	-	.6	-
2042	Prepared feeds for animals and fowls	5.1	-	4.6	-	5.7	-	4.5	-	.4	-
205	Bakery products	4.8	-	4.2	-	5.5	-	4.1	-	.6	-
2051	Bread, cake, and related products	4.4	-	4.1	-	5.5	-	4.0	-	.6	-
2052	Cookies and crackers	6.6	-	4.3	-	5.4	-	4.2	-	.2	-
207	Confectionery and related products	9.5	-	5.8	-	7.8	-	5.9	-	1.0	-
2071	Confectionery products	11.4	-	6.9	-	8.3	-	6.3	-	1.0	-
208	Beverages	6.7	-	5.9	-	8.1	-	5.8	-	1.2	-
2082	Malt liquors	2.7	-	1.5	-	4.6	-	1.6	-	2.0	-
21	<b>TOBACCO MANUFACTURES</b>	9.8	6.4	7.2	5.1	5.7	4.1	3.5	2.9	1.1	.4
211	Cigarettes	1.9	-	1.5	-	1.9	-	1.1	-	( <sup>1</sup> )	-
212	Cigars	10.0	-	7.9	-	7.8	-	7.1	-	.2	-

See footnotes at end of table.



## D-2: Labor turnover rates, by industry--Continued

SIC Code	Industry	(Per 100 employees)									
		Accession rates				Separation rates					
		Total		New hires		Total		Quits		Layoffs	
Aug. 1973	Sept. 1973 <sup>P</sup>	Aug. 1973	Sept. 1973 <sup>P</sup>	Aug. 1973	Sept. 1973 <sup>P</sup>	Aug. 1973	Sept. 1973 <sup>P</sup>	Aug. 1973	Sept. 1973 <sup>P</sup>		
	<i>Non-durable Goods--Continued</i>										
22	<b>TEXTILE MILL PRODUCTS</b>	8.5	7.6	7.0	6.4	9.3	7.6	7.4	6.0	0.5	0.3
221	Weaving mills, cotton	8.7	-	6.9	-	9.3	-	7.6	-	.1	-
222	Weaving mills, synthetics	9.0	-	7.7	-	9.4	-	7.9	-	.2	-
223	Weaving and finishing mills, wool	7.9	-	6.2	-	8.9	-	6.6	-	.9	-
224	Narrow fabric mills	7.8	-	6.7	-	8.7	-	7.0	-	.3	-
225	Knitting mills	7.5	-	5.9	-	8.6	-	6.7	-	.8	-
2251	Women's hosiery, except socks	5.8	-	4.8	-	7.3	-	5.8	-	.7	-
2252	Hosiery, n e c	6.9	-	6.4	-	8.5	-	7.1	-	.3	-
2254	Knit underwear mills	5.8	-	4.1	-	7.2	-	5.9	-	.6	-
226	Textile finishing, except wool	6.1	-	5.4	-	8.2	-	5.7	-	1.1	-
227	Floor covering mills	9.2	-	8.4	-	9.0	-	7.4	-	.2	-
228	Yarn and thread mills	11.4	-	9.8	-	12.3	-	10.6	-	.2	-
229	Miscellaneous textile goods	7.3	-	5.9	-	7.3	-	5.3	-	.7	-
23	<b>APPAREL AND OTHER TEXTILE PRODUCTS</b>	8.7	7.0	6.1	5.6	8.2	7.2	6.1	5.2	1.0	1.1
231	Men's and boys' suits and coats	6.1	-	3.5	-	5.1	-	3.1	-	1.2	-
232	Men's and boys' furnishings	8.6	-	7.0	-	9.6	-	8.2	-	.4	-
2321	Men's and boys' shirts and nightwear	7.6	-	6.2	-	9.1	-	7.9	-	.4	-
2327	Men's and boys' separate trousers	8.4	-	7.4	-	9.8	-	8.7	-	.1	-
2328	Men's and boys' work clothing	9.3	-	8.0	-	10.4	-	8.9	-	.6	-
234	Women's and children's undergarments	8.0	-	6.4	-	8.2	-	6.8	-	.5	-
2341	Women's and children's underwear	8.8	-	7.1	-	8.8	-	7.5	-	.3	-
2342	Corsets and allied garments	5.7	-	4.6	-	6.7	-	4.9	-	.8	-
26	<b>PAPER AND ALLIED PRODUCTS</b>	4.1	3.8	3.7	3.5	5.5	4.6	3.9	3.2	.5	.5
261,2,6	Paper and pulp mills	2.4	-	2.1	-	3.5	-	2.5	-	.3	-
263	Paperboard mills	2.9	-	2.7	-	4.5	-	3.0	-	.2	-
264	Misc. converted paper products	4.5	-	4.1	-	6.3	-	4.3	-	.9	-
2643	Bags, except textile bags	6.5	-	6.0	-	6.9	-	4.8	-	.5	-
265	Paperboard containers and boxes	5.7	-	5.0	-	7.0	-	5.1	-	.5	-
2651,2	Folding and setup paperboard boxes	7.3	-	6.2	-	6.9	-	5.2	-	.4	-
2653	Corrugated and solid fiber boxes	4.9	-	4.5	-	6.9	-	4.9	-	.4	-
27	<b>PRINTING AND PUBLISHING</b>	4.0	4.0	3.4	3.6	4.6	4.3	3.3	3.0	.6	.6
28	<b>CHEMICALS AND ALLIED PRODUCTS</b>	2.6	2.8	2.1	2.4	3.6	3.0	2.3	1.8	.5	.4
281	Industrial chemicals	1.7	-	1.4	-	2.6	-	1.6	-	.2	-
282	Plastics materials and synthetics	2.5	-	2.2	-	3.1	-	2.0	-	.3	-
2821	Plastics materials and resins	2.6	-	2.3	-	4.0	-	2.6	-	.4	-
2823,4	Synthetic fibers	2.7	-	2.3	-	2.6	-	1.7	-	.1	-
283	Drugs	2.1	-	1.9	-	3.6	-	2.0	-	.7	-
2834	Pharmaceutical preparations	2.2	-	1.9	-	3.7	-	1.9	-	.8	-
284	Soap, cleaners, and toilet goods	3.7	-	2.9	-	4.5	-	2.9	-	.7	-
2841	Soap and other detergents	2.3	-	1.4	-	3.2	-	1.5	-	.9	-
2844	Toilet preparations	4.8	-	3.8	-	5.7	-	3.8	-	.9	-
285	Paints and allied products	3.0	-	2.7	-	5.2	-	3.6	-	.5	-
286,9	Other chemical products	2.7	-	2.2	-	4.9	-	2.9	-	1.1	-
29	<b>PETROLEUM AND COAL PRODUCTS</b>	2.4	2.3	2.2	2.1	3.6	2.7	2.1	1.5	.7	.4
291	Petroleum refining	1.4	-	1.3	-	2.8	-	1.3	-	.8	-
295,9	Other petroleum and coal products	5.8	-	5.4	-	6.5	-	4.9	-	.2	-
30	<b>RUBBER AND PLASTICS PRODUCTS, N E C.</b>	7.1	7.4	6.3	6.8	7.7	7.2	5.8	5.2	.5	.5
301	Tires and inner tubes	2.4	-	1.9	-	2.5	-	1.4	-	.1	-
302,3,6	Other rubber products	6.2	-	5.5	-	7.3	-	5.5	-	.3	-
307	Miscellaneous plastics products	9.3	-	8.4	-	10.0	-	7.6	-	.8	-

See footnotes at end of table.

**ESTABLISHMENT DATA  
LABOR TURNOVER**

116

**D-2: Labor turnover rates, by industry--Continued**

(Per 100 employees)

SIC Code	Industry	Accession rates				Separation rates					
		Total		New hires		Total		Quits		Layoffs	
		Aug. 1973	Sept. 1973 <sup>1</sup>	Aug. 1973	Sept. 1973 <sup>1</sup>	Aug. 1973	Sept. 1973 <sup>1</sup>	Aug. 1973	Sept. 1973 <sup>1</sup>	Aug. 1973	Sept. 1973 <sup>1</sup>
	<i>Nondurable Goods--Continued</i>										
31	LEATHER AND LEATHER PRODUCTS .....	9.3	8.6	7.2	7.1	10.6	9.4	7.9	6.9	1.3	1.2
311	Leather tanning and finishing .....	6.5	-	4.8	-	9.7	-	5.7	-	2.9	-
314	Footwear, except rubber .....	8.6	-	6.8	-	11.1	-	8.5	-	1.1	-
	<b>NONMANUFACTURING</b>										
10	METAL MINING .....	3.9	3.7	3.4	3.5	5.7	4.0	3.8	2.8	.5	.1
101	Iron ores .....	2.3	-	1.9	-	2.9	-	1.8	-	.2	-
102	Copper ores .....	4.4	-	3.6	-	6.6	-	4.4	-	.5	-
11,12	COAL MINING .....	2.0	1.7	1.6	1.4	2.8	1.6	1.4	1.0	.6	.1
12	Bituminous coal and lignite mining .....	2.0	-	1.6	-	2.8	-	1.4	-	.6	-
	<b>COMMUNICATION:</b>										
481	Telephone communication .....	1.6	-	-	-	1.8	-	1.2	-	.2	-
482	Telegraph communication <sup>2</sup> .....	1.6	-	-	-	4.2	-	3.1	-	.5	-

<sup>1</sup> Less than 0.05.

<sup>2</sup> Data relate to all employees except messengers.

p=preliminary.

## ESTABLISHMENT DATA

### SEASONALLY ADJUSTED LABOR TURNOVER

**D-3: Labor turnover rates in manufacturing, 1961 to date**  
seasonally adjusted

(Per 100 employees)

Year	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
Total accessions												
1961	3.9	3.7	4.4	4.2	4.2	4.0	4.0	4.1	3.8	4.3	4.3	4.1
1962	4.3	4.2	4.1	4.2	4.2	4.0	4.2	4.0	4.0	3.9	3.8	3.8
1963	3.8	3.9	3.8	4.1	3.8	3.8	3.9	3.8	3.9	3.9	3.6	4.0
1964	3.8	4.0	4.0	4.0	3.8	4.0	4.0	4.0	3.9	3.9	4.0	4.1
1965	4.0	4.1	4.4	4.1	4.1	4.3	4.1	4.3	4.5	4.4	4.8	4.9
1966	4.9	5.0	5.4	5.0	5.1	5.1	4.7	5.1	5.0	4.9	4.8	4.5
1967	4.6	4.3	4.3	4.2	4.6	4.4	4.4	4.3	4.3	4.5	4.5	4.4
1968	4.5	4.6	4.5	4.7	4.6	4.5	4.7	4.6	4.7	4.8	4.8	4.9
1969	4.9	4.7	4.9	4.9	4.7	5.0	4.8	4.3	4.8	4.6	4.5	4.6
1970	4.3	4.3	4.1	4.0	4.1	4.1	4.1	3.9	3.9	3.6	3.7	3.8
1971	3.7	3.7	3.9	3.9	3.9	3.7	3.8	4.0	4.0	3.7	4.1	4.0
1972	4.4	4.4	4.4	4.4	4.6	4.0	4.4	4.5	4.4	4.6	4.5	4.3
1973	4.9	4.8	4.9	4.9	5.1	4.5	4.8	4.7	4.7 <sup>P</sup>			
New hires												
1961	1.8	1.8	1.9	2.0	2.1	2.1	2.2	2.3	2.3	2.5	2.5	2.5
1962	2.6	2.6	2.6	2.6	2.7	2.5	2.6	2.4	2.4	2.5	2.3	2.1
1963	2.3	2.3	2.4	2.5	2.4	2.4	2.4	2.4	2.5	2.4	2.2	2.5
1964	2.4	2.5	2.6	2.6	2.4	2.6	2.6	2.6	2.7	2.6	2.7	2.8
1965	2.8	3.0	3.3	2.8	2.9	3.1	3.0	3.1	3.1	3.2	3.5	3.7
1966	3.7	3.9	4.3	3.9	4.0	3.9	3.7	3.8	3.7	3.8	3.8	3.5
1967	3.4	3.3	3.2	3.1	3.2	3.3	3.1	3.2	3.2	3.4	3.4	3.3
1968	3.4	3.4	3.3	3.5	3.5	3.3	3.5	3.4	3.6	3.6	3.6	3.7
1969	3.8	3.8	3.9	3.8	3.7	3.8	3.7	3.4	3.7	3.6	3.5	3.6
1970	3.3	3.1	3.0	2.8	2.7	2.8	2.8	2.7	2.6	2.5	2.4	2.4
1971	2.3	2.4	2.5	2.5	2.6	2.5	2.6	2.6	2.6	2.5	2.8	2.8
1972	3.0	3.0	3.1	3.2	3.6	2.9	3.2	3.3	3.3	3.5	3.6	3.5
1973	4.0	3.9	4.0	3.9	4.3	3.6	3.9	3.8	3.7 <sup>P</sup>			
Total separations												
1961	4.6	4.6	4.2	3.6	3.8	4.0	4.0	3.7	4.1	3.9	4.0	4.1
1962	3.9	4.0	4.0	3.9	4.2	4.2	4.2	4.4	3.9	4.1	4.1	3.9
1963	4.0	3.8	3.9	3.9	3.9	3.8	3.9	4.1	3.8	3.8	4.0	3.9
1964	4.0	4.0	3.9	3.8	3.9	3.9	4.1	3.6	3.9	4.0	3.8	3.9
1965	3.8	3.7	3.8	4.0	3.9	4.0	4.0	4.2	4.2	4.2	4.2	4.4
1966	4.1	4.3	4.6	4.7	4.6	4.8	4.9	4.7	4.9	4.5	4.7	4.6
1967	4.7	4.8	5.1	4.6	4.5	4.7	4.4	4.3	4.6	4.4	4.4	4.4
1968	4.6	4.6	4.6	4.4	4.6	4.4	4.6	4.8	4.7	4.7	4.6	4.4
1969	4.7	4.8	4.9	4.8	5.0	5.0	4.8	4.9	5.0	5.0	4.8	4.8
1970	5.0	5.1	4.9	5.2	5.0	4.8	4.8	4.4	4.6	5.0	4.8	4.7
1971	4.4	4.2	4.1	4.2	4.0	4.1	4.3	4.3	4.1	4.0	4.1	4.3
1972	4.2	4.2	4.3	3.9	4.2	4.5	4.3	4.2	4.1	4.0	4.1	4.1
1973	4.4	4.4	4.7	4.4	4.7	4.7	4.5	5.1	4.4 <sup>P</sup>			
Quits												
1961	1.1	1.1	1.1	1.1	1.1	1.2	1.2	1.2	1.3	1.3	1.4	1.4
1962	1.3	1.5	1.4	1.4	1.5	1.5	1.4	1.5	1.4	1.4	1.4	1.3
1963	1.3	1.3	1.4	1.4	1.4	1.4	1.4	1.5	1.4	1.4	1.4	1.3
1964	1.4	1.4	1.4	1.4	1.5	1.4	1.5	1.5	1.5	1.6	1.5	1.6
1965	1.7	1.7	1.7	1.8	1.7	1.8	1.8	1.8	2.0	2.0	2.1	2.2
1966	2.3	2.3	2.6	2.7	2.6	2.6	2.5	2.6	2.6	2.6	2.6	2.7
1967	2.5	2.4	2.4	2.3	2.3	2.4	2.1	2.3	2.3	2.3	2.4	2.4
1968	2.4	2.4	2.4	2.3	2.5	2.4	2.4	2.6	2.5	2.6	2.6	2.5
1969	2.7	2.7	2.7	2.8	2.8	2.7	2.7	2.7	2.6	2.8	2.6	2.5
1970	2.5	2.4	2.3	2.3	2.2	2.2	2.1	2.0	2.0	2.0	1.7	1.9
1971	1.8	1.7	1.7	1.7	1.7	1.8	1.8	1.9	1.8	1.8	1.9	1.9
1972	2.0	2.1	2.2	2.2	2.3	2.2	2.2	2.4	2.1	2.3	2.4	2.5
1973	2.6	2.7	2.9	2.6	2.8	2.9	2.8	3.0	2.4 <sup>P</sup>			
Layoffs												
1961	2.7	3.0	2.5	2.1	2.2	2.3	2.2	2.0	2.2	1.8	1.9	2.0
1962	1.8	2.0	1.8	1.8	2.0	2.0	2.0	2.4	2.0	2.1	2.0	1.9
1963	1.9	1.8	1.9	1.8	1.8	1.7	1.7	2.0	1.9	1.8	1.8	1.7
1964	1.8	1.8	1.8	1.6	1.7	1.6	1.7	1.5	1.6	1.7	1.5	1.6
1965	1.4	1.4	1.4	1.5	1.4	1.4	1.4	1.7	1.4	1.3	1.4	1.4
1966	1.2	1.1	1.1	1.2	1.1	1.3	1.5	1.2	1.1	1.1	1.2	1.3
1967	1.4	1.4	1.7	1.5	1.4	1.4	1.4	1.3	1.3	1.3	1.2	1.2
1968	1.3	1.3	1.2	1.1	1.2	1.1	1.3	1.4	1.2	1.2	1.1	1.1
1969	1.1	1.1	1.1	1.0	1.1	1.1	1.1	1.2	1.2	1.3	1.2	1.4
1970	1.5	1.7	1.8	1.9	1.9	1.9	1.7	1.8	1.8	2.2	2.0	1.7
1971	1.7	1.6	1.5	1.6	1.5	1.5	1.5	1.9	1.6	1.5	1.4	1.4
1972	1.3	1.2	1.2	1.1	1.0	1.4	1.2	1.0	1.0	.9	.9	1.0
1973	.9	.9	.9	.8	.8	.8	1.0	.9	.7 <sup>P</sup>			

p-preliminary.

**ESTABLISHMENT DATA  
STATE AND AREA LABOR TURNOVER**

118

**D-4: Labor turnover rates in manufacturing for selected States and areas**

State and area	(Per 100 employees)									
	Accession rates				Separation rates					
	Total		New hires		Total		Quits		Layoffs	
	July 1973	Aug. 1973 <sup>P</sup>	July 1973	Aug. 1973 <sup>P</sup>	July 1973	Aug. 1973 <sup>P</sup>	July 1973	Aug. 1973 <sup>P</sup>	July 1973	Aug. 1973 <sup>P</sup>
<b>ALABAMA:</b>										
Birmingham	4.7	4.7	3.4	3.3	3.7	5.3	2.2	3.0	0.7	1.3
Mobile <sup>1</sup>	8.3	8.3	4.1	4.7	6.9	8.1	3.1	4.6	2.9	2.6
<b>ALASKA</b>	30.6	16.4	27.0	13.5	23.2	36.1	9.2	10.5	12.2	24.3
<b>ARIZONA</b>	6.1	7.6	5.4	6.5	6.1	7.7	3.8	5.2	.9	1.0
Phoenix	5.8	7.8	5.0	6.4	6.2	7.7	3.8	5.3	1.1	.9
<b>ARKANSAS</b>	8.2	10.4	7.5	9.4	8.2	11.5	6.4	9.5	.6	.6
Fort Smith	9.3	11.2	8.7	10.8	9.2	12.4	6.8	10.9	.7	.4
Little Rock-North Little Rock	8.5	10.2	8.2	9.9	8.0	10.6	5.8	9.3	.3	.2
Pine Bluff	5.1	8.4	4.6	7.8	5.2	8.4	4.4	7.2	.1	.2
<b>COLORADO</b>	6.0	5.7	5.4	5.2	4.9	7.0	3.2	5.0	.7	.9
Denver	6.1	5.9	5.7	5.3	5.4	7.6	3.5	5.3	.7	.9
<b>CONNECTICUT</b>	3.4	4.0	2.9	3.3	2.8	4.9	1.7	3.4	.3	.5
Hartford	2.9	3.1	2.5	2.7	2.4	3.6	1.5	2.4	.3	.4
<b>DELAWARE<sup>1</sup></b>	3.0	9.1	1.8	2.6	7.0	8.9	1.2	2.1	4.9	5.9
Wilmington <sup>1</sup>	3.1	9.1	2.0	2.8	7.4	9.0	1.3	2.0	5.0	6.0
<b>DISTRICT OF COLUMBIA:</b>										
Washington SMSA	4.0	(*)	3.8	(*)	4.1	(*)	3.5	(*)	.1	(*)
<b>FLORIDA</b>	9.0	9.2	8.1	8.4	9.1	9.7	6.3	7.3	1.3	1.0
Fort Lauderdale-Hollywood	9.1	11.3	8.7	11.1	9.2	10.1	7.3	8.7	.5	( <sup>2</sup> )
Jacksonville	11.1	9.4	7.8	9.1	9.4	9.0	5.6	7.0	2.0	.6
Miami	7.3	7.2	6.7	6.6	7.1	10.3	4.6	5.7	1.2	2.8
Orlando	8.5	7.4	7.6	6.2	9.5	8.7	6.8	6.3	1.4	1.4
Pensacola	2.1	2.3	2.0	2.0	2.1	4.9	1.7	3.7	( <sup>2</sup> )	( <sup>2</sup> )
Tampa-St. Petersburg	11.3	12.9	10.1	11.9	10.2	12.6	8.2	10.4	.6	.6
West Palm Beach	4.2	4.6	4.1	4.2	4.7	3.7	3.9	3.2	.4	.1
<b>GEORGIA</b>	6.9	8.4	6.0	7.3	7.4	8.8	5.2	6.9	1.0	.5
Atlanta <sup>3</sup>	6.3	6.3	5.6	5.7	9.2	6.7	4.2	4.8	3.5	.4
<b>HAWAII<sup>4</sup></b>	2.5	2.5	2.2	2.1	2.4	3.6	1.5	2.6	.2	.3
<b>IDAHO<sup>5</sup></b>	6.7	6.5	6.3	5.8	6.1	10.0	4.6	7.1	.5	1.7
<b>ILLINOIS:</b>										
Chicago	4.4	5.2	3.9	4.7	4.1	6.1	2.6	4.3	.4	.5
<b>INDIANA<sup>1</sup></b>	3.7	5.3	3.1	4.5	3.5	6.2	2.0	4.4	.5	.5
Indianapolis <sup>6</sup>	3.0	4.1	2.5	3.6	3.6	4.5	1.8	3.3	.9	.2
<b>IOWA</b>	4.6	6.1	3.8	5.5	4.0	7.1	2.6	5.2	.7	1.0
Cedar Rapids	4.9	5.5	3.4	4.5	3.4	4.4	1.8	2.8	1.0	.8
Des Moines	3.7	4.4	3.1	3.8	3.8	9.6	2.3	4.4	.4	3.9
<b>KANSAS</b>	5.6	6.4	4.9	5.7	7.5	7.5	3.5	5.5	3.0	.7
Topeka	2.3	4.3	2.0	3.6	4.1	7.5	1.8	3.3	1.8	1.8
Wichita	6.2	6.2	5.6	5.6	5.8	6.0	3.6	4.9	1.3	.2
<b>KENTUCKY</b>	5.1	5.2	3.7	4.3	3.9	5.7	2.4	3.8	.5	.6
Louisville	4.1	4.2	3.0	3.4	3.1	5.1	1.7	3.1	.2	.6
<b>LOUISIANA:</b>										
New Orleans	6.3	6.3	4.5	4.9	6.5	7.9	3.0	4.6	2.1	1.5
<b>MAINE</b>	7.1	9.1	5.3	7.2	6.4	9.2	4.1	6.6	1.2	1.3
Portland	4.6	4.8	4.3	4.6	4.7	9.4	3.1	5.8	.7	2.2
<b>MARYLAND</b>	4.8	4.8	3.7	3.9	4.3	5.4	2.3	3.6	1.0	.6
Baltimore	4.4	4.2	3.4	3.5	3.7	4.7	2.0	3.1	.7	.4
<b>MASSACHUSETTS</b>	3.8	5.2	3.1	4.3	4.7	6.1	2.3	4.5	1.4	.4
Boston	3.3	4.8	2.7	4.0	4.2	5.6	2.0	4.0	1.3	.6
<b>MICHIGAN</b>	4.1	5.0	3.0	3.9	5.2	4.8	1.7	3.0	2.3	.5
Detroit	4.3	5.1	3.0	4.1	6.2	4.8	2.0	3.0	3.0	.4

See footnotes at end of table.

ESTABLISHMENT DATA  
STATE AND AREA LABOR TURNOVER

D-4: Labor turnover rates in manufacturing for selected States and areas--Continued

State and area	(Per 100 employees)									
	Accession rates				Separation rates					
	Total		New hires		Total		Quits		Layoffs	
	July 1973	Aug. 1973 <sup>P</sup>	July 1973	Aug. 1973 <sup>P</sup>	July 1973	Aug. 1973 <sup>P</sup>	July 1973	Aug. 1973 <sup>P</sup>	July 1973	Aug. 1973 <sup>P</sup>
MINNESOTA	4.6	6.7	3.8	5.7	3.6	6.0	2.3	4.4	0.6	0.7
Minneapolis-St. Paul	3.6	4.2	3.3	3.9	3.0	4.7	1.9	3.4	.4	.5
MISSISSIPPI:										
Jackson	4.6	7.1	4.4	6.8	5.7	9.0	4.5	7.2	.1	.6
MISSOURI	4.2	4.8	3.6	4.2	4.2	5.9	2.5	4.2	.9	.7
Kansas City	4.1	5.5	3.8	5.0	7.9	6.5	2.7	4.3	4.1	1.1
St. Louis	2.9	3.1	2.3	2.6	2.5	4.2	1.3	2.6	.5	.6
MONTANA	4.2	4.2	3.8	3.7	3.7	5.8	2.4	3.1	.7	1.5
NEBRASKA	6.0	6.3	4.5	5.3	6.1	8.4	3.5	6.2	1.6	1.2
NEVADA	8.7	4.7	7.6	3.4	8.3	11.8	4.8	9.4	1.4	1.5
NEW HAMPSHIRE	5.6	6.5	5.1	5.9	5.1	7.3	4.1	5.9	.2	.4
NEW JERSEY:										
Camden <sup>7</sup>	4.7	4.9	3.2	3.7	5.0	5.0	1.9	3.3	2.1	.7
Jersey City	4.9	5.0	2.4	3.4	6.0	5.1	1.4	2.2	3.7	1.7
Newark	4.4	5.8	2.9	3.3	6.1	4.9	1.5	3.1	3.7	.7
Paterson-Clifton-Passaic	4.6	5.7	3.1	3.9	6.0	5.0	2.0	3.3	2.8	.5
Perth Amboy	4.6	5.4	3.3	4.0	5.8	5.6	1.6	3.2	2.3	.8
Trenton	4.1	4.7	2.7	3.8	4.4	5.2	1.6	3.0	1.9	1.1
NEW YORK	4.9	6.0	3.3	3.8	5.8	5.3	1.8	3.0	3.2	1.3
Albany-Schenectady-Troy	2.8	2.7	2.0	1.8	2.7	3.3	1.0	2.0	.6	.4
Binghamton	3.9	2.9	2.3	2.3	4.0	3.6	1.5	2.6	1.6	.2
Buffalo	3.8	6.0	2.6	2.6	6.6	3.7	1.1	2.3	4.5	.6
Elmira	4.0	3.4	2.6	2.8	3.1	4.7	1.1	3.4	1.3	.4
Monroe County <sup>8</sup>	3.3	3.1	2.8	2.9	2.3	3.2	1.4	2.4	.4	.2
Nassau-Suffolk <sup>9</sup>	5.4	5.6	4.1	4.4	5.5	5.9	2.2	3.9	2.3	1.0
New York and Nassau-Suffolk	5.5	7.2	3.4	3.9	7.6	5.5	1.9	2.5	4.8	1.9
New York SMSA <sup>9</sup>	5.5	7.5	3.2	3.8	8.0	5.4	1.8	2.3	5.3	2.1
New York City <sup>10</sup>	5.7	7.4	3.3	3.9	8.1	5.4	1.8	2.2	5.3	2.2
Rochester	4.3	3.9	3.6	3.4	2.6	3.9	1.4	2.8	.7	.4
Syracuse	4.0	4.9	3.3	4.2	2.9	4.6	1.6	3.3	.5	.3
Utica-Rome	3.3	4.7	2.1	3.0	3.9	5.0	1.3	2.6	2.0	1.4
Westchester County <sup>10</sup>	3.5	8.7	2.5	3.2	8.1	5.2	1.3	2.4	5.4	1.3
NORTH CAROLINA	6.9	8.4	5.9	7.3	6.6	9.7	5.3	8.1	.1	.3
Charlotte	6.3	8.3	6.0	7.5	6.1	8.6	4.8	7.0	.1	.3
Greensboro-Winston-Salem-High Point	6.1	7.0	5.1	6.2	5.3	8.7	4.2	7.5	.3	.3
NORTH DAKOTA	7.2	8.5	3.6	6.0	7.7	6.2	2.3	4.1	3.9	1.1
Fargo-Moorhead	5.6	9.4	4.7	4.9	7.0	6.7	2.7	5.0	.3	.3
OHIO	3.3	4.1	2.6	3.2	2.9	4.6	1.5	2.5	.4	1.1
Akron	2.2	2.3	1.8	1.9	1.7	2.5	1.0	1.7	.2	.3
Canton	3.5	3.8	2.4	2.9	2.7	4.1	1.3	2.1	.3	.8
Cincinnati	3.3	3.4	2.7	2.9	2.8	3.8	1.7	2.5	.3	.3
Cleveland	3.5	3.8	3.0	3.3	3.1	4.4	1.7	2.6	.4	.6
Columbus	3.2	3.4	2.9	3.0	2.6	3.6	1.8	2.4	.2	.4
Dayton	3.3	3.2	2.7	2.7	2.8	2.9	1.5	1.9	.4	.2
Toledo	3.7	3.3	2.7	2.3	3.6	4.2	1.7	1.9	.4	.9
Youngstown-Warren	2.3	4.1	1.6	2.5	2.4	10.4	.7	1.4	.6	7.7
OKLAHOMA	6.6	7.9	6.0	7.1	6.3	8.8	4.9	7.0	.5	.6
Oklahoma City	7.6	9.7	6.5	8.2	7.5	9.8	5.7	7.6	.9	1.0
Tulsa <sup>11</sup>	6.5	6.7	6.1	6.4	5.7	9.2	4.1	6.8	.4	.8
OREGON <sup>1</sup>	5.3	5.9	4.5	5.0	5.0	6.2	2.9	4.0	1.1	1.1
Portland <sup>1</sup>	5.5	6.3	4.5	5.1	4.8	5.7	2.7	3.6	1.2	1.0
PENNSYLVANIA:										
Allentown-Bethlehem-Easton	4.5	6.0	2.7	3.7	6.1	4.9	1.7	3.9	3.8	.5
Altoona	4.8	6.8	4.1	4.2	5.0	6.8	3.0	4.5	1.4	1.6
Erie	4.6	5.5	3.7	4.5	4.0	5.2	1.9	3.6	1.0	.4
Harrisburg	5.8	3.4	4.9	3.1	4.2	4.8	2.8	3.7	.5	.4
Johnstown	3.6	3.9	2.1	1.8	4.6	2.5	1.2	1.9	2.9	.1
Lancaster	4.3	4.7	3.4	4.3	4.1	6.3	2.7	5.5	.7	.1

See footnotes at end of table.

**ESTABLISHMENT DATA  
STATE AND AREA LABOR TURNOVER**

120

**D-4: Labor turnover rates in manufacturing for selected States and areas--Continued**

State and area	(Per 100 employees)									
	Accession rates				Separation rates					
	Total		New hires		Total		Quits		Layoffs	
	July 1973	Aug. 1973 <sup>P</sup>	July 1973	Aug. 1973 <sup>P</sup>	July 1973	Aug. 1973 <sup>P</sup>	July 1973	Aug. 1973 <sup>P</sup>	July 1973	Aug. 1973 <sup>P</sup>
<b>PENNSYLVANIA—Continued</b>										
Philadelphia SMSA .....	4.3	4.4	3.1	3.1	4.0	4.8	1.6	2.9	1.5	0.8
Pittsburgh .....	2.7	2.8	1.7	2.0	2.5	3.6	.8	2.0	1.0	.8
Reading .....	3.9	6.1	2.8	3.8	4.5	5.6	2.1	4.3	1.6	.6
Scranton .....	7.3	6.8	3.8	3.2	10.9	4.8	3.0	3.3	7.4	.8
Wilkes-Barre—Hazleton .....	6.7	5.9	2.6	3.0	12.2	5.1	2.4	3.6	9.0	.8
York .....	5.7	6.4	4.1	4.9	5.7	7.0	3.3	5.7	1.6	.4
<b>RHODE ISLAND</b>										
Providence—Warwick—Pawtucket .....	6.1	6.7	4.7	5.6	6.0	7.5	3.6	5.7	1.3	.7
.....	6.3	6.9	4.7	5.9	6.3	7.8	3.7	6.1	1.5	.7
<b>SOUTH CAROLINA:</b>										
Greenville .....	9.0	(*)	8.1	(*)	8.1	(*)	6.8	(*)	.2	(*)
<b>SOUTH DAKOTA</b>										
Sioux Falls .....	5.5	9.1	4.7	7.0	6.6	10.0	3.4	6.9	2.5	2.3
.....	4.5	12.5	2.9	6.3	10.0	11.4	2.8	5.0	6.9	5.5
<b>TENNESSEE:</b>										
Memphis .....	5.4	5.6	4.7	5.0	5.1	5.7	3.4	4.0	.5	.6
<b>TEXAS:</b>										
Dallas .....	5.7	7.2	5.4	6.5	5.4	8.1	4.2	6.5	.1	.3
Fort Worth .....	6.3	7.6	5.9	6.8	6.0	8.1	4.6	5.9	.5	.7
Houston .....	4.6	4.7	4.3	4.3	4.4	5.5	3.1	4.2	.2	.2
San Antonio .....	4.2	6.4	4.1	6.1	5.1	6.9	3.1	5.6	1.2	.2
<b>UTAH<sup>5</sup></b>										
Salt Lake City <sup>5</sup> .....	6.2	5.8	5.1	5.1	4.7	6.1	3.1	4.5	.5	.4
.....	7.0	6.0	5.9	5.6	4.8	5.8	3.3	4.4	.4	.3
<b>VERMONT</b>										
Burlington .....	3.8	4.2	3.3	3.7	3.9	5.2	2.2	3.9	1.1	.4
.....	2.5	2.5	2.0	2.0	3.1	2.9	.6	2.0	2.2	.2
Springfield .....	3.2	4.3	2.7	3.9	2.8	5.0	1.7	3.4	.5	.4
<b>VIRGINIA</b>										
Richmond .....	5.7	5.7	4.3	4.7	5.1	6.5	3.4	5.1	.7	.4
.....	4.4	4.7	2.6	3.6	3.6	4.5	1.7	3.2	.7	.1
<b>WASHINGTON:</b>										
Seattle—Everett <sup>12</sup> .....	4.0	4.0	2.7	2.8	3.3	3.5	1.4	2.0	1.3	.9
<b>WEST VIRGINIA:</b>										
Charleston .....	1.1	1.1	.7	.9	1.0	1.7	.4	1.2	( <sup>2</sup> )	( <sup>2</sup> )
<b>WISCONSIN</b>										
Milwaukee .....	6.1	7.1	4.2	5.6	5.4	7.0	2.1	5.4	2.4	.5
.....	4.2	5.4	3.4	4.5	3.9	6.4	2.1	4.9	.8	.2
<b>WYOMING</b>										
.....	7.7	8.7	6.4	8.0	6.5	9.5	4.7	8.3	1.0	.6

<sup>1</sup> Excludes canning and preserving.

<sup>2</sup> Less than 0.05.

<sup>3</sup> Excludes agricultural chemicals and miscellaneous manufacturing.

<sup>4</sup> Excludes canned fruits, vegetables, preserves, jams and jellies.

<sup>5</sup> Excludes canning and preserving, and sugar.

<sup>6</sup> Excludes canning and preserving, and newspapers.

<sup>7</sup> Subarea of Philadelphia, Pennsylvania Standard Metropolitan Statistical Area: Burlington, Camden, and Gloucester Counties, New Jersey.

<sup>8</sup> Subarea of Rochester Standard Metropolitan Statistical Area.

<sup>9</sup> Area included in New York and Nassau—Suffolk combined SMSA's.

<sup>10</sup> Subarea of New York Standard Metropolitan Statistical Area.

<sup>11</sup> Excludes new-hire rate for transportation equipment.

<sup>12</sup> Excludes canning and preserving, printing and publishing.

\* Not available.

p=preliminary.

SOURCE: Cooperating State agencies listed on inside back cover.

E-1: Number and rate of job vacancies in manufacturing, April 1969 to date

Year	Annual average	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
Number of job vacancies (In thousands)													
1969 .....	264	-	-	-	293	289	241	258	313	289	243	210	186
1970 .....	132	187	170	166	158	151	123	126	137	118	92	75	76
1971 .....	88	81	80	83	93	94	89	90	106	98	90	79	78
1972 .....	127	90	97	110	124	127	124	134	159	155 <sup>P</sup>	142	133	132
1973 .....		155	163	176	190	194	190	201	231	219 <sup>P</sup>			
Job vacancy rates <sup>1</sup>													
1969 .....	1.3	-	-	-	1.4	1.4	1.2	1.3	1.5	1.4	1.2	1.0	0.9
1970 .....	.7	0.9	0.9	0.8	.8	.8	.6	.6	.7	.6	.5	.4	.4
1971 .....	.5	.4	.4	.4	.5	.5	.5	.5	.6	.5	.5	.4	.4
1972 .....	.7	.5	.5	.6	.7	.7	.6	.7	.8	.8 <sup>P</sup>	.7	.7	.7
1973 .....		.8	.8	.9	1.0	1.0	.9	1.0	1.1	1.1 <sup>P</sup>			
Number of long-term job vacancies <sup>2</sup> (In thousands)													
1969 .....	120	-	-	-	137	131	110	110	121	127	111	102	90
1970 .....	49	77	70	67	60	56	45	44	43	38	33	30	29
1971 .....	27	28	27	27	28	27	25	26	28	28	28	25	26
1972 .....	35	25	27	30	33	33	32	34	39	42 <sup>P</sup>	41	42	43
1973 .....		44	47	50	56	57	57	58	65	66 <sup>P</sup>			
Long-term job vacancy rates <sup>2</sup>													
1969 .....	0.6	-	-	-	0.7	0.6	0.5	0.5	0.6	0.6	0.5	0.5	0.4
1970 .....	.3	0.4	0.3	0.3	.3	.3	.2	.2	.2	.2	.2	.2	.2
1971 .....	.1	.2	.1	.1	.2	.1	.1	.1	.2	.1	.1	.1	.1
1972 .....	.2	.1	.1	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2
1973 .....		.2	.2	.3	.3	.3	.3	.3	.3	.3 <sup>P</sup>			

<sup>1</sup> Computed by dividing the number of vacancies by the sum of employment plus vacancies and multiplying that quotient by 100.

<sup>2</sup> Long-term job vacancies are those vacancies that have remained unfilled for 30 days or more. The long-term job vacancy rate is computed by dividing the number of long-term vacancies by the sum of employment plus all job vacancies and multiplying that quotient by 100.

<sup>P</sup>preliminary.

E-2: Number and rate of job vacancies in manufacturing, April 1969 to date, seasonally adjusted

Year	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
Number of job vacancies (In thousands)												
1969 .....	-	-	-	275	267	246	249	257	257	249	246	225
1970 .....	204	185	167	148	139	125	121	113	105	95	88	92
1971 .....	88	86	84	87	87	91	87	87	87	92	92	94
1972 .....	98	105	111	116	117	126	129	131	138 <sup>P</sup>	146	156	161
1973 .....	170	175	178	178	179	192	192	190	195 <sup>P</sup>			
Job vacancy rates <sup>1</sup>												
1969 .....	-	-	-	1.3	1.3	1.2	1.2	1.3	1.3	1.2	1.2	1.1
1970 .....	1.0	.9	.8	.7	.7	.6	.6	.6	.5	.5	.5	.5
1971 .....	.5	.5	.4	.5	.5	.5	.5	.5	.5	.5	.5	.5
1972 .....	.5	.6	.6	.6	.6	.7	.7	.7	.7 <sup>P</sup>	.8	.8	.8
1973 .....	.9	.9	.9	.9	.9	1.0	1.0	.9	1.0 <sup>P</sup>			
Number of long-term job vacancies <sup>2</sup> (In thousands)												
1969 .....	-	-	-	132	127	117	112	112	117	109	104	93
1970 .....	83	73	67	58	54	47	45	40	35	32	30	30
1971 .....	30	28	27	27	26	27	26	26	26	28	25	27
1972 .....	27	29	30	32	32	34	35	36	39 <sup>P</sup>	40	43	44
1973 .....	47	49	51	54	55	60	59	60	61 <sup>P</sup>			
Long-term job vacancy rates <sup>2</sup>												
1969 .....	-	-	-	0.6	0.6	0.6	0.5	0.5	0.6	0.5	0.5	0.5
1970 .....	0.4	0.4	0.3	.3	.3	.2	.2	.2	.2	.2	.2	.2
1971 .....	.2	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1
1972 .....	.1	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2
1973 .....	.2	.2	.3	.3	.3	.3	.3	.3	.3 <sup>P</sup>			

<sup>1</sup> See footnote 1, table E-1.

<sup>2</sup> See footnote 2, table E-1.

<sup>P</sup>preliminary.

**ESTABLISHMENT DATA  
JOB VACANCY**

**E-3: Job vacancy rates in manufacturing, by industry**

Industry division and group	1972				1973								
	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept. <sup>P</sup>
<b>Job vacancy rates<sup>1</sup></b>													
Manufacturing . . . . .	0.8	0.7	0.7	0.7	0.8	0.8	0.9	1.0	1.0	0.9	1.0	1.1	1.1
Durable goods . . . . .	.8	.7	.7	.7	.8	.9	.9	1.0	1.0	1.0	1.0	1.2	1.1
Nondurable goods . . . . .	.8	.7	.7	.7	.8	.8	.9	1.0	1.0	.9	1.0	1.1	1.0
Selected durable goods industries:													
Primary metal industries . . . . .	.4	.4	.3	.3	.4	.5	.5	.6	.6	.6	.6	.8	.6
Machinery, except electrical . . . . .	.9	.9	.8	.8	1.1	1.1	1.2	1.2	1.2	1.2	1.3	1.4	1.4
Electrical equipment and supplies . . . . .	1.0	.9	.9	1.0	1.1	1.1	1.1	1.2	1.2	1.2	1.3	1.5	1.4
Transportation equipment . . . . .	.7	.7	.6	.5	.8	.8	.8	.8	.9	.9	1.0	1.0	.9
Instruments and related products . . . . .	1.3	1.0	1.0	1.1	1.2	1.2	1.4	1.5	1.5	1.3	1.6	1.7	1.7
Selected nondurable goods industries:													
Textile mill products . . . . .	1.5	1.4	1.2	1.2	1.3	1.4	1.6	1.8	1.7	1.6	1.8	1.9	1.8
Apparel and other textile products . . . . .	1.5	1.4	1.4	1.4	1.6	1.6	1.7	1.7	1.8	1.8	1.8	1.9	1.9
Printing and publishing . . . . .	.5	.4	.4	.4	.4	.4	.5	.5	.5	.5	.5	.6	.6
Chemicals and allied products . . . . .	.6	.5	.5	.5	.6	.7	.7	.8	.7	.8	.8	.8	.7
<b>Long-term job vacancy rates<sup>2</sup></b>													
Manufacturing . . . . .	0.2	0.2	0.2	0.2	0.2	0.2	0.3	0.3	0.3	0.3	0.3	0.3	0.3
Durable goods . . . . .	.2	.2	.2	.2	.2	.2	.2	.3	.3	.3	.3	.3	.3
Nondurable goods . . . . .	.2	.2	.2	.2	.2	.2	.3	.3	.3	.3	.3	.3	.3
Selected durable goods industries:													
Primary metal industries . . . . .	.1	.1	.1	.1	.1	.1	.1	.2	.2	.2	.1	.2	.2
Machinery, except electrical . . . . .	.2	.2	.2	.2	.3	.3	.3	.4	.4	.4	.4	.5	.4
Electrical equipment and supplies . . . . .	.2	.2	.2	.3	.3	.3	.3	.3	.3	.3	.3	.3	.4
Transportation equipment . . . . .	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2	.3	.3
Instruments and related products . . . . .	.4	.3	.3	.3	.3	.3	.4	.5	.4	.4	.4	.5	.5
Selected nondurable goods industries:													
Textile mill products . . . . .	.4	.4	.3	.3	.3	.3	.4	.4	.4	.4	.5	.4	.6
Apparel and other textile products . . . . .	.6	.6	.6	.6	.6	.7	.7	.8	.8	.8	.8	.8	.9
Printing and publishing . . . . .	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.2
Chemicals and allied products . . . . .	.2	.2	.2	.2	.2	.2	.2	.3	.2	.3	.3	.3	.2
<b>Long-term job vacancies as a percent of job vacancies<sup>3</sup></b>													
Manufacturing . . . . .	27	29	32	32	28	29	29	30	29	30	29	28	30
Durable goods . . . . .	26	27	30	30	27	28	27	29	27	28	27	27	29
Nondurable goods . . . . .	29	32	35	35	30	30	31	31	32	34	31	29	32
Selected durable goods industries:													
Primary metal industries . . . . .	27	27	35	33	31	30	30	29	30	29	23	30	36
Machinery, except electrical . . . . .	27	28	31	29	27	30	29	33	34	34	34	32	33
Electrical equipment and supplies . . . . .	23	25	24	26	23	27	25	26	24	25	22	23	27
Transportation equipment . . . . .	27	25	30	34	25	22	22	22	22	22	23	26	27
Instruments and related products . . . . .	31	27	31	26	24	24	27	30	24	28	27	29	31
Selected nondurable goods industries:													
Textile mill products . . . . .	23	26	27	28	22	22	25	22	26	27	25	23	30
Apparel and other textile products . . . . .	39	44	46	47	40	41	42	43	42	46	43	42	46
Printing and publishing . . . . .	18	23	24	22	23	21	24	22	30	29	25	22	24
Chemicals and allied products . . . . .	37	33	33	37	33	33	34	34	33	33	34	34	31

<sup>1</sup> See footnote 1, table E-1.

<sup>2</sup> See footnote 2, table E-1.

<sup>3</sup> Percentages are computed using unrounded rates.

p-preliminary.

**E-4: Percent distribution of job vacancies in manufacturing, by industry**

Industry division and group	1972				1973								
	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept. <sup>P</sup>
Manufacturing . . . . .	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Durable goods . . . . .	56.7	57.3	57.8	58.8	60.3	59.9	59.7	59.1	59.8	59.7	60.9	60.4	59.7
Primary metal industries . . . . .	3.1	3.1	3.0	3.2	3.3	3.7	3.6	4.2	4.1	4.2	4.0	4.3	3.8
Machinery, except electrical . . . . .	10.7	11.7	11.8	12.5	13.8	13.8	13.6	13.2	12.7	13.2	13.0	13.0	13.1
Electrical equipment and supplies . . . . .	11.9	12.7	13.6	15.0	13.6	13.4	12.4	12.0	12.4	12.3	12.7	12.8	12.8
Transportation equipment . . . . .	8.2	8.6	8.3	7.5	9.0	8.8	8.9	8.1	8.3	8.9	9.7	8.0	7.9
Instruments and related products . . . . .	4.0	3.4	3.7	4.0	3.8	3.6	3.8	3.8	3.9	3.5	3.9	3.7	3.9
Other durable goods industries . . . . .	18.7	17.8	17.6	16.7	16.9	16.7	17.4	17.8	18.5	17.6	17.5	18.5	18.3
Nondurable goods . . . . .	43.3	42.7	42.2	41.2	39.7	40.1	40.3	40.9	40.2	40.3	39.1	39.6	40.3
Textile mill products . . . . .	9.9	9.8	9.7	9.3	8.7	9.0	9.2	9.9	9.1	8.8	9.3	8.5	8.7
Apparel and other textile products . . . . .	12.9	13.7	14.2	14.2	14.1	13.6	13.1	12.6	12.9	13.4	11.9	11.5	11.8
Printing and publishing . . . . .	3.5	3.1	3.1	3.1	3.1	3.0	2.8	2.6	2.8	2.7	2.8	3.0	3.2
Chemicals and allied products . . . . .	3.7	3.4	4.1	4.1	3.7	4.1	4.2	4.2	3.9	4.3	4.0	3.7	3.5
Other nondurable goods industries . . . . .	13.3	12.6	11.2	10.5	10.2	10.4	10.9	11.6	11.6	11.1	11.1	12.9	13.1

p-preliminary.



# ESTABLISHMENT DATA NATIONAL AND AREA JOB VACANCY

## E-5: Job vacancy rates, United States and selected areas

Areas	Job vacancy rates				Areas	Job vacancy rates			
	Total <sup>1</sup>		Long-term <sup>2</sup>			Total <sup>1</sup>		Long-term <sup>2</sup>	
	July 1973	Aug. 1973 <sup>P</sup>	July 1973	Aug. 1973 <sup>P</sup>		July 1973	Aug. 1973 <sup>P</sup>	July 1973	Aug. 1973 <sup>P</sup>
<b>Manufacturing</b>					<b>Nonmanufacturing<sup>4</sup></b>				
United States <sup>3</sup> .....	1.1	1.1	0.3	0.3	Mining:				
Albany-Schenectady-					New Orleans, La .....	0.2	(*)	0.1	(*)
Troy, N.Y. ....	.5	.5	.1	.2	Phoenix, Ariz .....	( <sup>5</sup> )	( <sup>5</sup> )	( <sup>5</sup> )	( <sup>5</sup> )
Atlanta, Ga. ....	1.0	.9	.2	.2	Portland, Ore. ....	( <sup>5</sup> )	( <sup>5</sup> )	( <sup>5</sup> )	( <sup>5</sup> )
Baltimore, Md. ....	1.0	1.0	.4	.4	Construction:				
Boston, Mass. ....	.8	.9	.2	.2	Oklahoma City, Okla. ....	.5	1.2	.2	.6
Buffalo, N.Y. ....	.4	.5	.1	.1	Portland, Ore. ....	.7	.8	(*)	.3
Cedar Rapids, Iowa .....	1.4	.7	.8	.1	Transportation and Public Utilities:				
Dallas, Tex. ....	1.3	1.4	.3	.3	Baltimore, Md. ....	1.3	1.5	.8	1.1
Denver, Colo. ....	.5	.7	.2	.2	Boston, Mass. ....	.5	1.0	.4	.5
Des Moines, Iowa .....	.5	.7	.1	.2	Kansas City, Mo. <sup>6</sup> .....	.2	.1	(*)	(*)
Detroit, Mich. ....	.5	.7	.2	.1	Minneapolis-St. Paul, Minn. <sup>6</sup> .....	2.0	1.9	1.2	1.3
Fort Worth, Tex. ....	.9	1.0	.2	.2	Oklahoma City, Okla. <sup>6</sup> .....	.4	.3	.2	.2
Greensboro-Winston-Salem-					St. Louis, Mo. <sup>6</sup> .....	.1	.1	.1	.1
Highpoint, N.C. ....	1.6	1.9	.4	.5	Salt Lake City, Utah .....	.1	.1	(*)	.1
Greenville, S.C. ....	2.3	2.4	.4	.5	Wholesale and Retail Trade:				
Houston, Tex. ....	1.2	1.2	.5	.5	Boston, Mass. ....	.6	.7	.2	.2
Jersey City, N.J. ....	.4	.4	.1	.1	Hartford, Conn. ....	.8	.7	.2	.2
Kansas City, Mo. ....	.5	.4	.1	.1	Minneapolis-St. Paul, Minn. ....	.7	.9	.1	.2
Little Rock-North Little Rock,					Phoenix, Ariz. ....	.7	1.2	.1	.1
Ark. ....	1.8	1.2	.1	.1	Portland, Ore. ....	.8	.8	.1	.1
Memphis, Tenn. ....	.3	.5	.1	.2	Finance, Insurance and Real Estate:				
Miami, Fla. ....	2.2	1.7	.7	.7	Atlanta, Ga. ....	1.2	1.3	.2	.2
Milwaukee, Wisc. ....	1.2	1.2	.3	.4	Baltimore, Md. ....	1.5	1.8	.5	.6
Minneapolis-St. Paul, Minn. ....	1.9	1.7	.3	.4	Boston, Mass. ....	1.7	1.7	.3	.4
Newark, N.J. ....	.8	.7	.2	.2	Hartford, Conn. ....	2.2	3.0	.8	.7
New Orleans, La. ....	.7	.6	.5	.2	Kansas City, Mo. ....	1.1	.9	.2	.2
New York and Nassau-Suffolk .....	.7	.8	.3	.3	Minneapolis-St. Paul, Minn. ....	1.3	1.3	.3	.2
New York SMSA <sup>8</sup> .....	.5	.6	.2	.2	Phoenix, Ariz. ....	1.4	1.3	.2	.3
Oklahoma City, Okla. ....					Portland, Ore. ....	.7	.8	.1	.2
Peterson-Clifton-					St. Antonio, Tex. ....	1.4	1.3	.5	.6
Passaic, N.J. ....	.5	.6	.1	.1	St. Louis, Mo. ....	1.0	1.1	.3	.1
Perth Amboy, N.J. ....	1.1	1.2	.3	.3	Salt Lake City, Utah .....	.7	.7	.1	.1
Philadelphia, Pa. ....	.9	1.0	.4	.3	Service:				
Phoenix, Ariz. ....	1.6	2.1	.4	.4	Boston, Mass. ....	1.2	1.2	.4	.2
Portland-South					Kansas City, Mo. ....	2.0	1.7	.5	.5
Portland, Maine .....	1.1	.8	.6	.5	Phoenix, Ariz. ....	2.0	1.9	.5	.4
Portland, Ore. ....	.7	.9	.1	.1	Portland, Ore. ....	.8	1.0	.2	.3
Providence-Pawtucket-					St. Louis, Mo. ....	1.2	1.3	.3	.3
Warwick, R.I. ....	1.7	2.2	.7	.8	Government:				
Richmond, Va. ....	.9	.5	.2	.1	Atlanta, Ga. ....	2.1	2.7	1.0	1.4
St. Louis, Mo. ....	.4	.5	.1	.1	Boston, Mass. ....	.7	1.1	.4	.8
Salt Lake City, Utah .....	.8	1.1	.1	.3	Kansas City, Mo. ....	.5	.9	.2	.1
San Antonio, Tex. ....	1.2	1.3	.3	.6	Minneapolis-St. Paul, Minn. ....	1.5	1.3	.6	.6
Seattle, Wash. <sup>9</sup> .....	.7	.4	.1	.1	Phoenix, Ariz. ....	2.0	1.7	.8	.5
Sioux Falls, S.D. ....	1.2	1.0	(*)	.1	Portland, Ore. <sup>7</sup> .....	1.0	1.2	.4	.5
Syracuse, N.Y. ....	1.2	.9	.3	.3	St. Antonio, Tex. ....	.2	.3	(*)	(*)
Tampa-St. Petersburg,					St. Louis, Mo. ....	1.0	1.3	.5	.5
Fla. ....	2.9	3.0	1.7	.9	All Nonagricultural Industries				
Wichita, Kans. ....	1.1	1.5	.2	.3	Boston, Mass. ....	.8	1.0	.3	.3
					Kansas City, Mo. <sup>6</sup> .....	.7	.8	.2	.2
					Phoenix, Ariz. ....	1.3	1.6	.4	.3
					Portland, Ore. ....	.7	.9	.1	.2
					Salt Lake City, Utah .....	1.0	1.4	.2	.2

<sup>1</sup> See footnote 1, table E-1.

<sup>2</sup> See footnote 2, table E-1.

<sup>3</sup> Based on a nationwide sample which includes metropolitan areas not shown in the table as well as nonmetropolitan areas.

<sup>4</sup> Additional industry data, by area, will be published when available.

<sup>5</sup> Combined with services.

<sup>6</sup> Excludes railroads.

<sup>7</sup> Excludes education.

<sup>8</sup> Area included in New York and Nassau-Suffolk combined SMSA's (formerly New York Standard Metropolitan Statistical Area).

<sup>9</sup> Excludes canning and preserving, printing and publishing.

<sup>\*</sup> Less than 0.05.

<sup>P</sup> preliminary.

SOURCE: Cooperating State agencies listed on inside back cover.

F-1: Insured unemployment under State programs

(Week including the 12th of the month)

State	Number (in thousands)					Rate (percent of average covered employment)		
	Oct. 1972	Sept. 1973	Oct. 1973	Change from <sup>1</sup>		Oct. 1972	Sept. 1973	Oct. 1973
				Oct. 1972	Sept. 1973			
TOTAL <sup>2,3</sup>	1,365.6	1,296.9	1,302.7	-62.9	5.8	2.5	2.1	2.1
SEASONALLY ADJUSTED	1,719.8	1,625.9	1,643.0	-76.8	17.1	3.2	2.7	2.7
Alabama	15.8	13.3	13.4	-2.4	.1	2.1	1.6	1.6
Alaska	2.6	3.4	4.0	1.4	.7	4.3	5.1	6.0
Arizona	8.9	8.7	9.5	.6	.8	2.0	1.6	1.8
Arkansas	10.5	8.5	9.0	-1.6	.5	2.5	1.8	1.9
California*	190.5	184.7	177.7	-12.8	-7.0	3.7	3.1	2.9
Colorado	4.7	6.2	5.8	1.2	-.4	.9	1.0	1.0
Connecticut	36.8	30.1	29.6	-7.2	-.5	3.4	2.6	2.6
Delaware	2.9	3.0	3.3	.4	.3	1.6	1.5	1.6
District of Columbia	6.7	7.3	6.6	-.1	-.7	1.9	2.0	1.8
Florida	29.9	32.2	30.0	.1	-2.2	1.8	1.6	1.4
Georgia	13.2	13.3	14.8	1.6	1.5	1.1	1.0	1.1
Hawaii	10.6	10.3	10.8	.2	.6	3.9	3.7	4.3
Idaho	3.3	4.8	3.4	.1	-1.3	2.0	2.5	1.8
Illinois	57.5	49.3	47.6	-9.9	-1.7	1.8	1.4	1.3
Indiana	17.8	15.4	15.1	-2.7	-.3	1.3	1.0	1.0
Iowa	5.8	6.6	6.1	.2	-.5	.9	.9	.8
Kansas	6.7	6.1	6.6	-.1	.5	1.4	1.1	1.2
Kentucky	12.8	11.8	11.6	-1.2	-.3	1.9	1.6	1.5
Louisiana	19.0	23.8	20.2	1.2	-3.6	2.5	2.6	2.2
Maine	8.7	7.2	7.4	-1.3	.2	3.9	2.6	2.7
Maryland	21.6	19.0	18.7	-3.0	-.3	2.2	1.8	1.7
Massachusetts	65.6	72.5	72.2	6.6	-.3	3.9	3.8	3.7
Michigan	67.3	57.8	60.4	-6.9	2.6	2.8	2.3	2.3
Minnesota	17.9	18.6	18.9	1.0	.3	1.8	1.7	1.7
Mississippi	4.0	4.7	4.6	.5	-.2	.9	.9	.9
Missouri	29.3	26.8	27.5	-1.8	.7	2.4	1.9	2.0
Montana	3.7	3.5	3.7	0	.2	2.7	2.3	2.4
Nebraska	3.4	4.1	4.6	1.2	.5	1.1	1.0	1.2
Nevada	6.9	6.4	6.7	-.2	.3	4.1	3.5	3.6
New Hampshire	3.0	2.7	2.7	-.3	0	1.5	1.1	1.1
New Jersey	82.0	82.3	85.6	3.6	3.3	4.0	3.7	3.8
New Mexico	6.2	6.4	6.2	.1	-.2	3.0	2.8	2.6
New York	180.8	165.3	171.9	-8.9	6.6	3.1	2.8	2.9
North Carolina	12.7	11.6	12.0	-.7	.4	.9	.7	.7
North Dakota	1.2	1.3	1.3	.1	0	1.2	1.0	1.0
Ohio	39.6	28.9	30.3	-9.4	1.4	1.3	.9	.9
Oklahoma	13.0	12.3	12.1	-.8	-.2	2.6	1.9	1.8
Oregon	17.5	17.4	19.5	2.0	2.0	3.0	2.8	3.0
Pennsylvania	103.8	93.8	93.3	-10.5	-.5	3.0	2.5	2.5
Puerto Rico <sup>2</sup>	60.8	61.3	62.6	1.8	1.2	14.1	13.1	13.1
Rhode Island	10.1	11.7	11.6	1.5	-.1	3.5	3.8	3.7
South Carolina	10.1	8.4	8.7	-1.4	.3	1.5	1.1	1.2
South Dakota	1.0	1.3	1.1	.1	-.3	.9	1.0	.8
Tennessee	17.8	16.5	15.7	-2.1	-.8	1.7	1.4	1.3
Texas	31.8	27.9	30.3	-1.5	2.4	1.2	.9	.9
Utah	5.6	5.7	5.6	0	-.1	2.2	2.0	1.9
Vermont	3.5	3.6	3.5	0	0	3.3	2.8	2.8
Virginia	5.8	7.2	6.0	.2	-1.2	.6	.6	.5
Washington	45.0	44.6	45.5	.6	1.0	5.4	5.0	5.1
West Virginia	10.0	9.1	8.9	-1.1	-.3	2.6	2.1	2.0
Wisconsin	19.7	17.7	18.1	-1.6	.4	1.7	1.3	1.3
Wyoming	.5	.6	.6	0	0	.7	.7	.7

<sup>1</sup> Based on unrounded data; changes of less than .50 not shown.

<sup>2</sup> Include data under the program for Puerto Rico's sugarcane workers. Rates exclude the sugarcane workers as comparable covered employment data are not yet available.

<sup>3</sup> Figures do not include claimants receiving benefits under extended benefit provisions.

F-2: Insured unemployment<sup>1</sup> in 150 major labor areas<sup>2</sup>

(In thousands, for week including the 12th of the month)

State and area	Oct. 1972	Oct. 1973	State and area	Oct. 1972	Oct. 1973	State and area	Oct. 1972	Oct. 1973	State and area	Oct. 1972	Oct. 1973
<b>ALABAMA</b>			<b>INDIANA</b>			<b>NEW HAMPSHIRE</b>			<b>Pennsylvania--continued</b>		
Birmingham.....	4.3	3.3	Evansville.....	1.5	.8	Manchester.....	.6	6	York.....	1.7	1.4
Mobile.....	2.1	1.7	Ft. Wayne.....	.5	.6						
			Gary-Hammond..	2.1	1.9	<b>NEW JERSEY</b>			<b>PUERTO RICO</b>		
			Indianapolis.....	3.4	2.9	Atlantic City....	2.5	2.7	Mayaguez.....	2.3	1.7
<b>ARIZONA</b>			South Bend.....	1.4	1.0	Jersey City.....	10.7	10.5	Ponce.....	3.1	2.8
Phoenix.....	5.5	6.2	Terre Haute.....	.8	.7	New Brunswick..	8.2	8.2	San Juan.....	9.6	9.3
			<b>IOWA</b>			Paterson.....	16.6	18.1			
<b>ARKANSAS</b>			Cedar Rapids....	.6	.3	Trenton.....	2.2	2.9			
Little Rock.....	1.0	.9	Des Moines.....	.9	.9				<b>RHODE ISLAND</b>		
			<b>KANSAS</b>			<b>NEW MEXICO</b>			Providence.....	11.5	13.8
<b>CALIFORNIA</b>			Wichita.....	1.7	1.4	Albuquerque....	2.6	2.9			
Anaheim-S. Ana-			<b>KENTUCKY</b>			<b>NEW YORK</b>			<b>SOUTH CAROLINA</b>		
Garden Grove..	11.9	12.3	Louisville.....	3.5	3.1	Albany.....	4.1	4.3	Charleston.....	1.1	1.3
Fresno.....	3.8	4.3	<b>LOUISIANA</b>			Binghamton.....	1.0	1.1	Greenville.....	.8	.7
Los Angeles.....	74.5	70.1	Baton Rouge....	1.5	1.5	Buffalo.....	12.4	10.0			
Sacramento.....	7.5	7.0	New Orleans....	6.6	7.6	New York.....	139.4	135.7			
San Bernardino..	10.8	10.1	Shreveport.....	1.6	1.1	Rochester.....	4.9	2.7	<b>TENNESSEE</b>		
San Diego.....	14.3	14.8	<b>MAINE</b>			Syracuse.....	4.3	3.2	Chattanooga....	1.3	1.5
San Francisco..	37.1	32.9	Portland.....	.8	.7	Utica.....	3.4	2.4	Knoxville.....	1.8	1.4
San Jose.....	10.0	8.0	<b>MARYLAND</b>			<b>NORTH CAROLINA</b>			Memphis.....	2.8	2.9
Stockton.....	3.4	1.8	Baltimore.....	16.1	12.5	Asheville.....	.3	.3	Nashville.....	2.0	1.6
<b>COLORADO</b>			<b>MASSACHUSETTS</b>			Charlotte.....	.8	.9			
Denver.....	2.8	3.5	Boston.....	32.2	37.6	Durham.....	.3	.3	<b>TEXAS</b>		
			Brockton.....	2.2	2.7	Greensboro- Winston-Salem..	1.4	1.6	Austin.....	.9	.9
<b>CONNECTICUT</b>			Fall River.....	1.9	2.8	<b>OHIO</b>			Beaumont.....	2.7	1.9
Bridgeport.....	6.2	4.5	Lawrence.....	4.2	4.5	Akron.....	2.4	2.4	Corpus Christi..	1.0	1.2
Hartford.....	7.6	5.3	Lowell.....	2.8	3.5	Canton.....	1.4	1.5	Dallas.....	4.9	4.4
New Britain.....	1.9	2.3	New Bedford...	2.2	2.5	Cincinnati.....	6.2	3.8	El Paso.....	1.6	2.0
New Haven.....	5.5	4.4	Springfield....	6.9	6.4	Cleveland.....	9.0	5.8	Ft. Worth.....	3.0	2.7
Stamford.....	2.4	1.7	Worcester.....	3.3	3.2	Columbus.....	2.5	2.9	Houston.....	6.0	3.7
Waterbury.....	3.3	2.7	<b>MICHIGAN</b>			Dayton.....	2.8	2.3	San Antonio.....	2.9	3.3
<b>DELAWARE</b>			Battle Creek....	1.8	1.7	Hamilton.....	1.2	1.0	<b>UTAH</b>		
Wilmington.....	3.2	3.4	Detroit.....	35.7	30.2	Lorain.....	.9	.6	Salt Lake City..	3.3	3.2
<b>DIST. OF COL.</b>			Flint.....	3.1	2.8	Steubenville...	.6	.6			
Washington.....	12.2	12.2	Grand Rapids...	3.6	3.3	Toledo.....	3.5	2.7	<b>VIRGINIA</b>		
<b>FLORIDA</b>			Kalamazoo.....	1.5	1.5	Youngstown....	3.0	2.0	Hampton.....	.5	.7
Jacksonville....	1.1	1.1	Lansing.....	2.5	2.1	<b>OKLAHOMA</b>			Norfolk.....	.9	1.3
Miami.....	8.6	9.5	Muskegon.....	1.5	1.3	Oklahoma City..	3.0	2.9	Richmond.....	.5	.4
Tampa.....	3.4	3.3	Saginaw.....	1.0	1.1	Tulsa.....	2.4	2.1	Roanoke.....	.2	.2
<b>GEORGIA</b>			<b>MINNESOTA</b>			<b>OREGON</b>			<b>WASHINGTON</b>		
Atlanta.....	4.6	4.5	Duluth.....	1.6	1.7	Portland.....	9.7	9.7	Seattle.....	24.2	22.0
Augusta.....	1.3	1.3	Minneapolis....	9.6	10.0				Spokane.....	3.4	3.8
Columbus.....	1.0	.8	<b>MISSISSIPPI</b>			<b>PENNSYLVANIA</b>			Tacoma.....	5.4	6.2
Macon.....	1.0	1.1	Jackson.....	.4	.4	Allentown.....	4.1	3.6	<b>WEST VIRGINIA</b>		
Savannah.....	.6	.7	<b>MISSOURI</b>			Altoona.....	1.7	1.4	Charleston.....	1.1	1.1
<b>HAWAII</b>			Kansas City....	8.4	7.8	Erie.....	1.7	1.4	Huntington....	2.0	1.2
Honolulu.....	9.0	9.7	St. Louis.....	18.6	16.1	Harrisburg.....	3.1	1.7	Wheeling.....	.8	1.2
<b>ILLINOIS</b>			<b>NEBRASKA</b>			Johnstown.....	2.7	2.6			
Chicago.....	38.6	31.8	Omaha.....	2.0	3.2	Lancaster.....	1.1	1.0	<b>WISCONSIN</b>		
Davenport.....	1.1	1.0				Philadelphia...	46.9	43.9	Kenosha.....	.5	.4
Peoria.....	1.5	1.0				Pittsburgh.....	21.5	17.4	Madison.....	2.2	2.1
Rockford.....	1.1	.8				Reading.....	3.2	2.1	Milwaukee.....	7.4	6.2
						Scranton.....	3.0	4.1	Racine.....	.9	.6
						Wilkes-Barre...	6.8	5.5			

<sup>1</sup> Insured jobs under State, Federal Employee, and Ex-Servicemen's unemployment insurance programs excludes extended benefit claims.<sup>2</sup> For full name of labor area, see Area Trends in Employment and Unemployment published by the Manpower Administration.

# **Explanatory Notes**

**Introduction**

**Household Data (A tables)**

**Establishment Data (B, C, D, and E tables)**

**Unemployment Insurance Data (F tables)**

**Seasonal Adjustment**

# Introduction

The statistics in this periodical are compiled from three major sources: (1) Household interviews, (2) reports from employers, and (3) administrative statistics of unemployment insurance systems.

*Data based on household interviews* are obtained from a sample survey of the population 16 years of age and over. The survey is conducted each month by the Bureau of the Census for the Bureau of Labor Statistics and provides comprehensive data on the labor force, the employed and the unemployed, including such characteristics as age, sex, color, marital status, occupations, hours of work, and duration of unemployment. The survey also provides data on the characteristics and past work experience of those not in the labor force. The information is collected by trained interviewers from a sample of about 47,000 households, representing 461 areas in 923 counties and independent cities, with coverage in 50 States and the District of Columbia. The data collected are based on the activity or status reported for the calendar week including the 12th of the month.

*Data based on establishment records* are compiled each month from mail questionnaires by the Bureau of Labor Statistics, in cooperation with State agencies. The establishment surveys are designed to provide detailed industry information on nonagricultural wage and salary employment, average weekly hours, average hourly and weekly earnings, job vacancies, and labor turnover for the Nation, States, and metropolitan areas. The employment, hours, and earnings series are based on payroll reports from a sample of establishments employing about 30 million nonagricultural wage and salary workers. The data relate to all workers, full- or part-time, who received pay during the payroll period which includes the 12th of the month. Based on a somewhat smaller sample, labor turnover data relate to actions occurring during the month while job vacancies pertain to those outstanding at the end of the month.

*Data based on administrative records of unemployment insurance systems* furnish a complete count of insured unemployment among the three-fourths of the Nation's labor force covered by unemployment insurance programs. Weekly reports, by State, are issued on the number of initial claims, the volume, and rate of insured unemployment under State unemployment insurance programs, and the volume under programs of unemployment compensation for Federal employees, ex-servicemen, and railroad workers. These statistics are published by the Manpower Administration, U.S. Department of Labor, in "Unemployment Insurance Claims."

## RELATION BETWEEN THE HOUSEHOLD AND ESTABLISHMENT SERIES

The household and establishment data supplement one another, each providing significant types of information that the other cannot suitably supply. Population characteristics, for example, are readily obtained only from the household survey

whereas detailed industrial classifications can be reliably derived only from establishment reports.

Data from these two sources differ from each other because of differences in definition and coverage, sources of information, methods of collection, and estimating procedures. Sampling variability and response errors are additional reasons for discrepancies. The major factors which have a differential effect on levels and trends of the two series are as follows:

### Employment

*Coverage.* The household survey definition of employment comprises wage and salary workers (including domestics and other private household workers), self-employed persons, and unpaid workers who worked 15 hours or more during the survey week in family-operated enterprises. Employment in both agricultural and nonagricultural industries is included. The payroll survey covers only wage and salary employees on the payrolls of nonagricultural establishments.

*Multiple jobholding.* The household approach provides information on the work status of the population without duplication since each person is classified as employed, unemployed, or not in the labor force. Employed persons holding more than one job are counted only once and are classified according to the job at which they worked the greatest number of hours during the survey week. In the figures based on establishment records, persons who worked in more than one establishment during the reporting period are counted each time their names appear on payrolls.

*Unpaid absences from jobs.* The household survey includes among the employed all persons who had jobs but were not at work during the survey week—that is, were not working but had jobs from which they were temporarily absent because of illness, bad weather, vacation, labor-management dispute, or because they were taking time off for various other reasons, even if they were not paid by their employers for the time off. In the figures based on payroll reports, persons on leave paid for by the company are included, but not those on leave without pay for the entire payroll period.

For a comprehensive discussion of the differences between household and establishment survey employment data, see Gloria P. Green's article "Comparing Employment Estimates from Household and Payroll Surveys," *Monthly Labor Review*, December 1969. Reprints of this article are available upon request from the Bureau of Labor Statistics.

### Hours of work

The household survey measures hours actually worked whereas the payroll survey measures hours paid for by

employers. In the household survey data, all persons with a job but not at work are excluded from the hours distributions and the computations of average hours. In the payroll survey, employees on paid vacation, paid holiday, or paid sick leave are included and assigned the number of hours for which they were paid during the reporting period.

## COMPARABILITY OF THE HOUSEHOLD DATA WITH OTHER SERIES

*Unemployment insurance data.* The unemployed total from the household survey includes all persons who did not have a job at all during the survey week and were looking for work or were waiting to be called back to a job from which they had been laid off, regardless of whether or not they were eligible for unemployment insurance. Figures on unemployment insurance claims, prepared by the Manpower Administration of the Department of Labor, exclude persons who have exhausted their benefit rights, new workers who have not earned rights to unemployment insurance, and persons losing jobs not covered by unemployment insurance systems (agriculture, some State and local government, domestic service, self-employment, unpaid family work, and religious organizations).

In addition, the qualifications for drawing unemployment compensation differ from the definition of unemployment used in the household survey. For example, persons with a job but not at work and persons working only a few hours during the week are sometimes eligible for unemployment compensation but are classified as employed rather than unemployed in the household survey.

For an examination of the similarities and differences between State insured unemployment and total unemployment, see "Measuring Total and State Insured Unemployment" by Gloria P. Green in the June 1971 issue of the *Monthly Labor Review*. Reprints of this article may be obtained upon request.

*Agricultural employment estimates of the Department of Agriculture.* The principal differences in coverage are the inclusion of persons under 16 in the Statistical Research Service (SRS) series and the treatment of dual jobholders who are counted more than

once if they worked on more than one farm during the reporting period. There are also wide differences in sampling techniques and collecting and estimating methods, which cannot be readily measured in terms of impact on differences in level and trend of the two series.

## COMPARABILITY OF THE PAYROLL EMPLOYMENT DATA WITH OTHER SERIES

*Statistics on manufactures and business, Bureau of the Census.* BLS establishment statistics on employment differ from employment counts derived by the Bureau of the Census from its censuses or annual sample surveys of manufacturing establishments and the censuses of business establishments. The major reasons for some noncomparability are different treatment of business units considered parts of an establishment, such as central administrative offices and auxiliary units, the industrial classification of establishments, and different reporting patterns by multiunit companies. There are also differences in the scope of the industries covered, e.g., the Census of Business excludes professional services, public utilities, and financial establishments, whereas these are included in BLS statistics.

*County Business Patterns.* Data in County Business Patterns (CBP), published jointly by the U.S. Departments of Commerce and Health, Education, and Welfare, differ from BLS establishment statistics in the treatment of central administrative offices and auxiliary units. Differences may also arise because of industrial classification and reporting practices. In addition, CBP excludes interstate railroads and government, and coverage is incomplete for some of the nonprofit activities.

*Employment covered by State unemployment insurance programs.* Most nonagricultural wage and salary workers are covered by the unemployment insurance programs. Beginning in January 1972, coverage was expanded to include employees of small firms and selected nonprofit activities who had not been covered previously. However, certain activities, such as interstate railroads, parochial schools, churches and most State and local government activities are not covered by unemployment insurance whereas these are included in BLS establishment statistics.

## Household data

(A tables)

### COLLECTION AND COVERAGE

Statistics on the employment status of the population, the personal, occupational, and other characteristics of the employed, the unemployed, and persons not in the labor force, and related data are compiled for the BLS by the Bureau of the Census in its Current Population Survey (CPS). A detailed description of this survey appears in *Concepts and Methods Used in Manpower Statistics from the Current Population Survey*, BLS Report 313. This report is available from BLS on request.

These monthly surveys of the population are conducted with a scientifically selected sample designed to represent the civilian noninstitutional population. Respondents are interviewed to

obtain information about the employment status of each member of the household 16 years of age and over. Separate statistics are also collected and published for 14 and 15 year olds. The inquiry relates to activity or status during the calendar week, Sunday through Saturday, which includes the 12th of the month. This is known as the survey week. Actual field interviewing is conducted in the following week.

Inmates of institutions, members of the Armed Forces, and persons under 14 years of age are not covered in the regular monthly enumerations and are excluded from the population and labor force statistics shown in this report. Data on members of the Armed Forces, who are included as part of the categories "total noninstitutional population" and "total labor force," are obtained from the Department of Defense.

Each month, 47,000 occupied units are designated for interview. About 1,700 of these households are visited but interviews are not obtained because the occupants are not found at home after repeated calls or are unavailable for other reasons. This represents a noninterview rate for the survey of about 4 percent. In addition to the 47,000 occupied units, there are 7,500 sample units in an average month which are visited but found to be vacant or otherwise not to be enumerated. Part of the sample is changed each month. The rotation plan provides for three-fourths of the sample to be common from 1 month to the next, and one-half to be common with the same month a year ago.

## CONCEPTS

*Employed persons* comprise (a) all those who during the survey week did any work at all as paid employees, in their own business, profession, or farm, or who worked 15 hours or more as unpaid workers in an enterprise operated by a member of the family, and (b) all those who were not working but who had jobs or businesses from which they were temporarily absent because of illness, bad weather, vacation, labor-management dispute, or personal reasons, whether or not they were paid by their employers for the time off, and whether or not they were seeking other jobs.

Each employed person is counted only once. Those who held more than one job are counted in the job at which they worked the greatest number of hours during the survey week.

Included in the total are employed citizens of foreign countries, temporarily in the United States, who are not living on the premises of an Embassy.

Excluded are persons whose only activity consisted of work around the house (such as own home housework, and painting or repairing own home) or volunteer work for religious, charitable, and similar organizations.

*Unemployed persons* comprise all persons who did not work during the survey week, who made specific efforts to find a job within the past 4 weeks, and who were available for work during the survey week (except for temporary illness). Also included as unemployed are those who did not work at all, were available for work, and (a) were waiting to be called back to a job from which they had been laid off; or (b) were waiting to report to a new wage or salary job within 30 days.

Duration of unemployment represents the length of time (through the current survey week) during which persons classified as unemployed had been continuously looking for work. For persons on layoff, duration of unemployment represents the number of full weeks since the termination of their most recent employment. A period of 2 weeks or more during which a person was employed or ceased looking for work is considered to break the continuity of the present period of seeking work. Average duration is an arithmetic mean computed from a distribution by single weeks of unemployment.

Unemployed persons by reasons for unemployment are divided into four major groups. (1) Job losers are persons whose employment ended involuntarily who immediately began looking for work and persons on layoff. (2) Job leavers are persons who quit or otherwise terminated their employment voluntarily and immediately began looking for work. (3) Reentrants are persons who previously worked at a full-time job lasting 2 weeks or longer but who were out of the labor force prior to beginning to look for work. (4) New entrants are persons who never worked at a full-time job lasting 2 weeks or longer.

Jobseekers are all unemployed persons who made specific efforts to find a job, sometime during the 4-week period preceding the survey week. Jobseekers do not include persons unemployed because they (a) were waiting to be called back to a job from which they had been laid off or (b) were waiting to report to a new wage or salary job within 30 days. Jobseekers are grouped by the methods used to seek work, including going to a public or private employment agency or to an employer directly, seeking assistance from friends or relatives, placing or answering ads, or utilizing some "other" method. Examples of the "other" category include being on a union or professional register, obtaining assistance from a community organization, or waiting at a designated pick-up point.

*The civilian labor force* comprises the total of all civilians classified as employed or unemployed in accordance with the criteria described above. The "total labor force" also includes members of the Armed Forces stationed either in the United States or abroad.

*The unemployment rate* represents the number unemployed as a percent of the civilian labor force. This measure can also be computed for groups within the labor force classified by sex, age, marital status, color, etc. The job-loser, job-leaver, reentrant, and new entrant rates are each calculated as a percent of the civilian labor force; the sum of the rates for the four groups thus equals the total unemployment rate.

*Participation rates* represent the proportion of the non-institutional population that is in the labor force. Two types of participation rates are published: The total labor force participation rate, which is the ratio of the total labor force and the total noninstitutional population; and the civilian labor force participation rate, which is the ratio of the civilian labor force and the civilian noninstitutional population. Participation rates are usually published for sex-age groups, often cross-classified by other demographic characteristics such as color and educational attainment.

*Not in labor force* includes all civilians 16 years and over who are not classified as employed or unemployed. These persons are further classified as "engaged in own home housework," "in school," "unable to work" because of long-term physical or mental illness, and "other." The "other" group includes for the most part retired persons, those reported as too old to work, the voluntarily idle, and seasonal workers for whom the survey week fell in an "off" season and who were not reported as unemployed. Persons doing only incidental unpaid family work (less than 15 hours) are also classified as not in the labor force.

For persons not in the labor force, data on previous work experience, intentions to seek work again, desire for a job at the time of interview, and reasons for not looking for work are compiled on a quarterly basis. As of January 1970, the detailed questions for persons not in the labor force are asked only in those households that are in the fourth and eighth months of the sample, i.e., the "outgoing" groups, those which had been in the sample for 3 previous months and would not be in for the subsequent month. Between 1967 and 1969, the detailed not-in-labor force questions were asked of persons in the first and fifth months in the sample, i.e., the "incoming" groups.

*Occupation, industry, and class of worker* for the employed apply to the job held in the survey week. Persons with two or more jobs are classified in the job at which they worked the greatest number of hours during the survey week. The unemployed are classified according to their latest full-time civilian job lasting 2 weeks or more. The occupation and industry groups used in data derived from the CPS household interviews are defined as in the 1970 Census of Population.

Information on the detailed categories included in these groups is available upon request.

The class-of-worker breakdown specifies "wage and salary workers," subdivided into private and government workers, "self-employed workers," and "unpaid family workers." Wage and salary workers receive wages, salary, commission, tips, or pay in kind from a private employer or from a government unit. Self-employed persons are those who work for profit or fees in their own business, profession, or trade, or operate a farm. Unpaid family workers are persons working without pay for 15 hours a week or more on a farm or in a business operated by a member of the household to whom they are related by blood or marriage.

*Hours of work* statistics relate to the actual number of hours worked during the survey week. For example, a person who normally works 40 hours a week but who was off on the Columbus Day holiday would be reported as working 32 hours even though he was paid for the holiday.

For persons working in more than one job, the figures relate to the number of hours worked in all jobs during the week. However, all the hours are credited to the major job.

The distribution of employment by hours worked relate to persons "at work" during the survey week. At-work data differ from data on total employment because the latter include persons in zero-hours worked category, "with a job but not at work." Included in this latter group are persons who were on vacation, ill, involved in a labor dispute, or otherwise absent from their jobs for voluntary, noneconomic reasons.

Persons who worked 35 hours or more in the survey week are designated as working "full time;" persons who worked between 1 and 34 hours are designated as working "part time." Part-time workers are classified by their usual status at their present job (either full time or part time) and by their reason for working part time during the survey week (economic or other reasons). "Economic reasons" include: Slack work, material shortages, repairs to plant or equipment, start or termination of job during the week, and inability to find full-time work. "Other reasons" include: Labor dispute, bad weather, own illness, vacation, demands of home housework, school, no desire for full-time work, and full-time worker only during peak season. Persons on full-time schedules include, in addition to those working 35 hours or more, those who worked from 1-34 hours for noneconomic reasons and usually work full time.

*Full- and part-time labor force.* The *full-time labor force* consists of persons working on full-time schedules, persons involuntarily working part time (part time for economic reasons), and unemployed persons seeking full-time jobs. The *part-time labor force* consists of persons working part time voluntarily and unemployed persons seeking part-time work. Persons with a job but not at work during the survey week are classified according to whether they usually work full or part time.

*Labor force time lost* is a measure of man-hours lost to the economy through unemployment and involuntary part-time employment and is expressed as a percent of potentially available man-hours. It is computed by assuming: (1) That unemployed persons looking for full-time work lost an average of 37.5 hours, (2) that those looking for part-time work lost the average number of hours actually worked by voluntary part-time workers during the survey week, and (3) that persons on part time for economic reasons lost the difference between 37.5 hours and the actual number of hours they worked.

*White and Negro and other races* are terms used to describe the color or race of workers. The Negro and other races category, which had formerly been identified as "nonwhite,"

includes all persons who are observed in the enumeration process to be other than white. At the time of the 1970 Census of Population, 89 percent of the Negro and other races population group were Negro; the remainder were American Indians, Eskimos, Orientals, and other nonwhite. Tables in this volume which contain these data utilize the word "color" to so indicate.

*Major activity: going to school* and *major activity: other* are terms used to describe whether the activity of young persons during the reference week was primarily one of going to school or not. Statistics on major activities are published every month in table A-5 for 16-21 year-olds by employment status, color, sex, and, if unemployed, whether seeking full- or part-time work.

*Household head.* One person in each household is designated as the head. The head is usually the person regarded as the head by the members of the group. If a husband and wife family occupy the unit, the husband is designated as the head. The number of heads, therefore, is equal to the number of households.

*Vietnam Era veterans* are those who served in the Armed Forces of the United States after August 4, 1964. Tables for veterans in this volume are limited to men in the civilian noninstitutional population; i.e., veterans in institutions and females are excluded.

*Nonveterans* are males who never served in the Armed Forces.

## HISTORIC COMPARABILITY

### Raised lower age limit

Beginning with data for 1967, the lower age limit for official statistics on persons in the labor force was raised from 14 to 16 years. At the same time, several definitions were sharpened to clear up ambiguities. The principal definitional changes were: (1) Counting as unemployed only persons who were currently available for work and who had engaged in some specific jobseeking activity within the past 4 weeks; an exception to the latter condition is made for persons waiting to start a new job in 30 days or waiting to be recalled from layoff; in the past, the current availability test was not applied and the time period for jobseeking was ambiguous; (2) counting as employed persons who were absent from their jobs in the survey week because of strikes, bad weather, etc. and those who were looking for other jobs; previously, these persons had been classified as unemployed; (3) sharpening the questions on hours of work, duration of unemployment, and self-employment in order to increase their reliability.

These changes did not affect the unemployment rate by more than one-fifth of a percentage point in either direction, although the distribution of unemployment by sex was affected. The number of employed was reduced about 1 million because of the exclusion of 14- and 15-year-olds. For persons 16 years and over, the only employment series appreciably affected were those relating to hours of work and class of worker. A detailed discussion of the changes and their effect on the various series is contained in "New Definitions of Employment and Unemployment" by Robert L. Stein in the February 1967 issue of *Employment and Earnings and Monthly Report on the Labor Force*. Reprints may be obtained upon request.

### Noncomparability of labor force levels

Before the changes introduced in 1967, the labor force data were not comparable for three earlier periods: (1) Beginning 1953, as a result of the introduction of data from the 1950



census into the estimation procedure, population levels were raised by about 600,000; labor force, total employment, and agricultural employment by about 350,000, primarily affecting the figures for totals and males; other categories were relative unaffected; (2) beginning 1960, the inclusion of Alaska and Hawaii resulted in an increase of about 500,000 in the population and about 300,000 in the labor force, four-fifths of this in nonagricultural employment; other labor force categories were not appreciably affected; (3) beginning 1962, the introduction of figures from the 1960 census reduced the population by about 50,000, labor force and employment by about 200,000; unemployment totals were virtually unchanged. In addition, beginning 1972, information from the 1970 census was introduced into the estimation procedures, producing an increase in the civilian noninstitutional population of about 800,000; labor force and employment totals were raised by a little more than 300,000, and unemployment levels and rates were essentially unchanged. A subsequent population adjustment based on the 1970 census was introduced in March 1973. This adjustment affected the white and Negro and other races groups but had little effect on totals. The adjustment resulted in the reduction of nearly 300,000 in the white population and an increase of the same magnitude in the Negro and other races population. Civilian labor force and total employment figures were affected to a lesser degree; the white labor force was reduced by 150,000, and the Negro and other races labor force rose by about 210,000. Unemployment levels and rates were not affected significantly.

### Changes in occupational classification system

Beginning with 1971, the comparability of occupational employment data was affected as a result of changes in census occupational classifications introduced into the Current Population Survey (CPS). These changes stemmed from an exhaustive review of the classification system to be used for the 1970 Census of Population. This review, the most comprehensive since the 1940 census, was to reduce the size of large groups, to be more specific about general and "not elsewhere classified" groups, and to provide information on emerging significant occupations. Differences in March 1970 employment levels tabulated on both the 1960 and 1970 classification systems ranged from a drop of 650,000 in operatives to an increase of 570,000 in service workers, much of which resulted from a shift between these two groups; the nonfarm laborers group increased by 420,000, and changes in other groups amounted to 220,000 or less.

An additional major group was created by splitting the operatives category into two: operatives, except transport, and transport equipment operatives. Separate data for these two groups first became available in January 1972. At the same time, several changes in titles, as well as in order of presentation, were introduced; for example, the title of the managers, officials, and proprietors group was changed to "managers and administrators, except farm," since only proprietors performing managerial duties are included in the category.

Apart from the effects of revisions in the occupational classification system beginning in 1971, comparability of occupational employment data was further affected in December 1971, when a question eliciting information on major activities or duties was added to the monthly CPS questionnaire in order to determine more precisely the occupational classification of individuals. This change resulted in several dramatic occupational

shifts, particularly from managers and administrators to other groups. Thus, meaningful comparisons of occupational levels cannot be made between 1972 and earlier periods. However, revisions in the occupational classification system as well as in the CPS questionnaire are believed to have had but a negligible impact on unemployment rates.

Additional information on changes in the occupational classification system of the CPS appears in "Revisions in Occupational Classifications for 1971" and "Revisions in the Current Population Survey" in the February 1971 and February 1972 issues, respectively, of *Employment and Earnings*.

### ESTIMATING METHODS

Under the estimation methods used in the CPS, all of the results for a given month become available simultaneously and are based on returns from the entire panel of respondents. There are no subsequent adjustments to independent benchmark data on labor force, employment, or unemployment. Therefore, revisions of the historical data are not an inherent feature of this statistical program.

1. *Noninterview adjustment.* The weights for all interviewed households are adjusted to the extent needed to account for occupied sample households for which no information was obtained because of absence, impassable roads, refusals, or unavailability of the respondent for other reasons. This adjustment is made separately by combinations of sample areas and, within these, for six groups—two race categories (white, and Negro and other races) within three residence categories. For sample areas which are standard metropolitan statistical areas (SMSA's), these residence categories are the central cities, and the urban and the rural balance of the SMSA's. For other sample areas, the residence categories are urban, rural nonfarm, and rural farm. The proportion of sample households not interviewed varies from 3 to 5 percent depending on weather, vacations, etc.

2. *Ratio estimates.* The distribution of the population selected for the sample may differ somewhat, by chance, from that of the Nation as a whole, in such characteristics as age, color, sex, and residence. Since these population characteristics are closely correlated with labor force participation and other principal measurements made from the sample, the latter estimates can be substantially improved when weighted appropriately by the known distribution of these population characteristics. This is accomplished through two stages of ratio estimates as follows:

a. *First-stage ratio estimate.* This is a procedure in which the sample proportions are weighted by the known 1970 Census data on the color-residence distribution of the population. This step takes into account the differences existing at the time of the 1970 Census between the color-residence distribution for the Nation and for the sample areas.

b. *Second-stage ratio estimate.* In this step, the sample proportions are weighted by independent current estimates of the population by age, sex, and color. These estimates are prepared by carrying forward the most recent census data (1970) to take account of subsequent aging of the population, mortality, and migration between the United States and other countries.

3. *Composite estimate procedure.* In deriving statistics for a given month, a composite estimating procedure is used which

takes account of net changes from the previous month for continuing parts of the sample (75 percent) as well as the sample results for the current month. This procedure reduces the sampling variability of month-to-month changes especially and of the levels for most items also.

### Rounding of estimates

The sums of individual items may not always equal the totals shown in the same tables because of independent rounding of totals and components to the nearest thousand. Differences, however, are insignificant.

### Reliability of the estimates

Since the estimates are based on a sample, they may differ from the figures that would have been obtained if it were possible to take a complete census using the same schedules and procedures.

The standard error is a measure of sampling variability, that is, the variations that might occur by chance because only a sample of the population is surveyed. The chances are about 2 out of 3 that an estimate from the sample would differ from a complete census by less than the standard error. The chances are about 19 out of 20 that the difference would be less than twice the standard error.

Table A shows the average standard error for the major employment status categories, by sex, computed from data for past months. Estimates of change derived from the survey are

**Table A. Average standard error of major employment status categories**

[In thousands]

Employment status and sex	Average standard error of—	
	Monthly level	Month-to-month change (consecutive months only)
<b>BOTH SEXES</b>		
Labor force .....	205	150
Total employment .....	210	155
Agriculture .....	95	60
Nonagricultural employment .....	210	155
Unemployment .....	90	95
<b>MALE</b>		
Labor force .....	115	95
Total employment .....	125	100
Agriculture .....	85	55
Nonagricultural employment .....	130	105
Unemployment .....	70	80
<b>FEMALE</b>		
Labor force .....	140	110
Total employment .....	140	110
Agriculture .....	35	25
Nonagricultural employment .....	140	110
Unemployment .....	60	70

**Table B. Standard error of level of monthly estimates**

[In thousands]

Size of estimate	Both sexes		Male		Female	
	Total or white	Negro and other races	Total or white	Negro and other races	Total or white	Negro and other races
10 .....	4	4	6	4	6	4
50 .....	9	9	11	9	11	9
100 .....	12	12	16	12	16	12
250 .....	20	17	25	17	25	17
500 .....	30	25	34	25	34	25
1,000 .....	40	35	50	35	50	35
2,500 .....	60	40	75	40	75	40
5,000 .....	85	45	90	—	90	—
10,000 .....	115	—	115	—	115	—
20,000 .....	150	—	125	—	125	—
30,000 .....	170	—	—	—	—	—
40,000 .....	180	—	—	—	—	—

**Table C. Standard error of estimates of month-to-month change**

[In thousands]

Standard error of monthly level	Standard error of month-to-month change
10 .....	12
25 .....	28
50 .....	55
100 .....	100
150 .....	140
200 .....	155
250 .....	160
300 .....	190

also subject to sampling variability. The standard error of change for consecutive months is also shown in table A. The standard errors of level shown in table A are acceptable approximations of the standard errors of year-to-year change.

The figures presented in table B are to be used for other characteristics and are approximations of the standard errors of all such characteristics. They should be interpreted as providing an indication of the order of magnitude of the standard errors rather than as the precise standard error for any specific item.

The standard error of the change in an item from one month to the next month is more closely related to the standard error of the monthly level for that item than to the size of the specific month-to-month change itself. Thus, in order to use the approximations to the standard errors of month-to-month changes as presented in table C, it is first necessary to obtain the standard error of the monthly level of the item in table B, and then find the standard error of the month-to-month change in table C corresponding to this standard error of level. It should be noted that table C applies to estimates of change between 2 consecutive months. For changes between the current month and the same month last year, the standard errors of level shown in table B are acceptable approximations.

*Illustration.* Assume that the tables showed the total number of persons working a specific number of hours as 15,000,000, an increase of 500,000 over the previous month. Linear interpolation in the first column of table B shows that the standard error of 15,000,000 is about 133,000. Consequently, the chances are about 68 out of 100 that the sample estimate differs by less than

133,000 from the figure which would have been obtained from a complete count of the number of persons working the given number of hours. Using the 133,000 as the standard error of the monthly level in table C, it may be seen that the standard error of the 500,000 increase is about 126,000.

The reliability of an estimated percentage, computed by using sample data for both numerator and denominator, depends upon both the size of the percentage and the size of the total upon which the percentage is based. Where the numerator is a subclass of the denominator, estimated percentages are relatively more reliable than the corresponding absolute estimates of the numerator of the percentage, particularly if the percentage is large (50 percent or greater). Table D shows the standard errors for percentages derived from the survey. Linear interpolation may be used for percentages and base figures not shown in table D. As a general rule, percentages will not be published when the monthly base is less than 75,000 or the annual base is less than 35,000.

**Table D. Standard error of percentage**

Base of percentages (thousands)	Estimated percentage									
	1 or 99	2 or 98	5 or 95	10 or 90	15 or 85	20 or 80	25 or 75	35 or 65	50	
150 .....	1.1	1.5	2.4	3.3	4.0	4.5	4.9	5.5	6.1	
250 .....	.9	1.3	2.0	2.8	3.3	3.7	4.1	4.6	5.1	
500 .....	.6	.8	1.3	1.7	2.1	2.4	2.6	2.9	3.2	
1,000 .....	.4	.6	.9	1.2	1.5	1.7	1.8	2.1	2.3	
2,000 .....	.3	.4	.6	.9	1.0	1.2	1.3	1.5	1.6	
3,000 .....	.2	.3	.5	.7	.9	1.0	1.1	1.2	1.3	
5,000 .....	.2	.3	.4	.6	.7	.7	.8	.9	1.0	
10,000 .....	.1	.2	.3	.4	.5	.5	.6	.7	.7	
25,000 .....	.1	.1	.2	.3	.3	.3	.4	.4	.4	
50,000 .....	.1	.1	.1	.2	.2	.2	.3	.3	.3	
75,000 .....	.1	.1	.1	.1	.2	.2	.2	.2	.3	

## Establishment data

(B, C, D, and E tables)

### COLLECTION

Payroll reports provide current information on wage and salary employment, hours, earnings, job vacancies, and labor turnover in nonagricultural establishments, by industry and geographic location.

#### Federal-State cooperation

Under cooperative arrangements with State agencies, the respondent fills out a single employment or job vacancy-labor turnover reporting form, which is then used for national, State, and area estimates. This eliminates duplicate reporting on the part of respondents and, together with the use of identical techniques at the national and State levels, insures maximum comparability of estimates.

State agencies mail the forms to the establishments and examine the returns for consistency, accuracy, and completeness. The States use the information to prepare State and area series and then send the establishment data to the BLS for use in preparing the national series.

#### Shuttle schedules

Two types of data collection schedules are used: Form BLS 790—Monthly Report on Employment, Payroll, and Hours; and Form DL 1219—Monthly Report on Job Openings and Labor Turnover. These schedules are of the "shuttle" type, with space for each month of the calendar year. The collection agency returns the schedule to the respondent each month so that the next month's data can be entered. This procedure assures maximum comparability and accuracy of reporting, since the respondent can see the figures he has reported for previous months.

Form BLS 790 provides for entry of data on the number of full- and part-time workers on the payrolls of nonagricultural establishments and, for most industries, payroll and manhours of

production and related workers or nonsupervisory workers for the pay period which includes the 12th of the month. Form DL 1219 provides for the collection of information on the total number of accessions and separations, by type, during the calendar month, and three job vacancy items as of the end of the month: Current job vacancies, (i.e., vacancies available for immediate filling), current vacancies which have remained unfilled for 30 days or more, and openings with future starting dates.

### CONCEPTS

#### Industrial classification

Establishments reporting on Form BLS 790 and Form DL 1219 are classified into industries on the basis of their principal product or activity determined from information on annual sales volume. This information is collected each year on a supplement to the monthly 790 or 1219 report. For an establishment making more than one product or engaging in more than one activity, the entire employment of the establishment is included under the industry indicated by the most important product or activity.

All national, State, and area employment, hours, earnings, job vacancy, and labor turnover series are classified in accordance with the *Standard Industrial Classification Manual*, Bureau of the Budget, 1967.

#### Industry employment

Employment data, except those for the Federal Government, refer to persons on establishment payrolls who received pay for any part of the pay period which includes the 12th of the month. For Federal Government establishments, employment figures represent the number of persons who occupied positions on the last day of the calendar month. Intermittent workers are counted if they performed any service during the month.

The data exclude proprietors, the self-employed, unpaid volunteer or family workers, farm workers, and domestic workers in households. Salaried officers of corporations are included. Government employment covers only civilian employees; military personnel are excluded.

Persons on establishment payrolls who are on paid sick leave (when pay is received directly from the firm), on paid holiday or paid vacation, or who work during a part of the pay period and are unemployed or on strike during the rest of the period, are counted as employed. Not counted as employed are persons who are laid off, on leave without pay, or on strike for the entire period or who are hired but have not been paid during the period.

## Industry hours and earnings

Hours and earnings data are derived from reports of payrolls and man-hours for production and related workers in manufacturing and mining, construction workers in contract construction, and nonsupervisory employees in the remaining private nonagricultural components. For Federal Government, hours and earnings relate to all employees, both supervisory and nonsupervisory. Terms are defined below. When the pay period reported is longer than 1 week, figures are reduced to a weekly basis.

*Production and related workers* include working foreman and all nonsupervisory workers (including leadmen and trainees) engaged in fabricating, processing, assembling, inspection, receiving, storage, handling, packing, warehousing, shipping, maintenance, repair, janitorial and watchman services, product development, auxiliary production for plant's own use (e.g., power plant), and recordkeeping and other services closely associated with the above production operations.

*Construction workers* include the following employees in the contract construction division: Working foremen, journeymen, mechanic's apprentices, laborers, etc., whether working at the site of construction or in shops or yards, at jobs (such as precutting and preassembling) ordinarily performed by members of the construction trades.

*Nonsupervisory employees* include employees (not above the working supervisory level) such as office and clerical workers, repairmen, salespersons, operators, drivers, physicians, lawyers, accountants, nurses, social workers, research aids, teachers, draftsmen, photographers, beauticians, musicians, restaurant workers, custodial workers, attendants, linemen, laborers, janitors, watchmen, and similar occupational levels, and other employees whose services are closely associated with those of the employees listed.

*Payroll* covers the payroll for full- and part-time production, construction, or nonsupervisory workers who received pay for any part of the pay period which includes the 12th of the month. The payroll is reported before deductions of any kind, e.g., for old-age and unemployment insurance, group insurance, withholding tax, bonds or union dues; also included is pay for overtime, holidays, vacations, and sick leave paid directly by the firm. Bonuses (unless earned and paid regularly each pay period), other pay not earned in the pay period reported (e.g., retroactive pay), tips, and the value of free rent, fuel, meals, or other payment in kind are excluded. "Fringe benefits" (such as health and other types of insurance, contributions to retirement, etc. paid by the employer) are also excluded.

*Man-hours* cover man-hours paid for, during the pay period which includes the 12th of the month, for production, construc-

tion, or nonsupervisory workers. The man-hours include hours paid for holidays and vacations, and for sick leave when pay is received directly from the firm.

*Overtime hours* cover hours worked by production or related workers for which overtime premiums were paid because the hours were in excess of the number of hours of either the straight-time workday or the workweek during the pay period which includes the 12th of the month. Weekend and holiday hours are included only if overtime premiums were paid. Hours for which only shift differential, hazard, incentive, or other similar types of premiums were paid are excluded.

## Gross average hourly and weekly earnings

Average hourly earnings are on a "gross" basis, reflecting not only changes in basic hourly and incentive wage rates but also such variable factors as premium pay for overtime and late-shift work and changes in output of workers paid on an incentive plan. Shifts in the volume of employment between relatively high-paid and low-paid work and changes in workers' earnings in individual establishments also affect the general earnings averages. Averages for groups and divisions further reflect changes in average hourly earnings for individual industries.

Averages of hourly earnings differ from wage rates. Earnings are the actual return to the worker for a stated period of time; rates are the amounts stipulated for a given unit of work or time. The earnings series does not measure the level of total labor costs on the part of the employer since the following are excluded: Irregular bonuses, retroactive items, payments of various welfare benefits, payroll taxes paid by employers, and earnings for those employees not covered under the production-worker, construction-worker, or nonsupervisory-employee definitions.

Gross average weekly earnings are derived by multiplying average weekly hours by average hourly earnings. Therefore, weekly earnings are affected not only by changes in gross average hourly earnings but also by changes in the length of the workweek. Monthly variations in such factors as proportion of part-time workers, stoppages for varying causes, labor turnover during the survey period, and absenteeism for which employees are not paid may cause the average workweek to fluctuate.

Long-term trends of gross average weekly earnings can be affected by structural changes in the makeup of the work force. For example, persistent long-term increases in the proportion of part-time workers in retail trade and many of the service industries have reduced average workweeks in these industries and has affected the average weekly earnings series.

## Average weekly hours

The workweek information relates to the average hours for which pay was received and is different from standard or scheduled hours. Such factors as unpaid absenteeism, labor turnover, part-time work, and stoppages cause average weekly hours to be lower than scheduled hours of work for an establishment. Group averages further reflect changes in the workweek of component industries.

## Average overtime hours

The overtime hours represent the portion of the gross average weekly hours which were in excess of regular hours and for

which overtime premiums were paid. If an employee worked on a paid holiday at regular rates, receiving as total compensation his holiday pay plus straight-time pay for hours worked that day, no overtime hours would be reported.

Since overtime hours are premium hours by definition, gross weekly hours and overtime hours do not necessarily move in the same direction from month-to-month; for example, overtime premiums may be paid for hours in excess of the straight-time workday although less than a full week is worked. Diverse trends at the industry-group level also may be caused by a marked change in gross hours for a component industry where little or no overtime was worked in both the previous and current months. In addition, such factors as stoppages, absenteeism, and labor turnover may not have the same influence on overtime hours as on gross hours.

#### **Hours and earnings for total private nonagricultural industries**

This series covers all nonagricultural industry divisions except government. The principal source of payroll data is Form BLS 790. Secondary source material such as the Bureau's *Employment and Wages, County Business Patterns* of the Bureau of the Census, and additional supporting information such as *The Hospital Guide, Part II*, of the American Hospital Association and special studies by the National Council of Churches supplement data for certain industry groups within the service division.

For a technical description of this series, see the article, "Hours and Earnings for Workers in Private Nonagricultural Industries," published in the May 1967 issue of *Employment and Earnings and Monthly Report on the Labor Force*. Reprints are available upon request.

#### **Railroad hours and earnings**

The figures for class I railroads (excluding switching and terminal companies) are based on monthly data summarized in the M-300 report of the Interstate Commerce Commission and relate to all employees except executives, officials, and staff assistants (ICC group I) who received pay during the month. Gross average hourly earnings are computed by dividing total compensation by total hours paid for. Average weekly hours are obtained by dividing the total number of hours paid for, reduced to a weekly basis, by the number of employees, as defined above. Gross average weekly earnings are derived by multiplying average weekly hours by average hourly earnings.

#### **Spendable average weekly earnings**

Spendable average weekly earnings in current dollars are obtained by deducting estimated Federal social security and income taxes from average weekly earnings. The amount of income tax liability depends on the number of dependents supported by the worker and his marital status, as well as on the level of his gross income. To reflect these variables, spendable earnings are computed for a worker with no dependents and a married worker with three dependents. The computations are based on gross average weekly earnings for all production or nonsupervisory workers in the industry division excluding other income and income earned by other family members.

The series reflects the spendable earnings of only those

workers, with either none or three dependents, whose gross weekly pay approximates the average earnings indicated for all production and nonsupervisory workers. It does not reflect, for example, the average earnings of all workers with three dependents; such workers, in fact have higher gross average earnings than workers with no dependents.

Since part-time as well as full-time workers are included, and since the proportion of part-time workers has been rising, the series understates the increase in earnings for full-time workers. As noted, "fringe benefits" are not included in the earnings. For a more complete discussion of the uses and limitations of these series, see the article by Paul M. Schwab, "Two Measures of Purchasing Power Contrasted," in the *Monthly Labor Review* for April 1971. Reprints of this article are available from the Bureau of Labor Statistics.

"Real" earnings are computed by dividing the current Consumer Price Index into the earnings averages for the current month. This is done for gross average weekly earnings and for spendable average weekly earnings. The level of earnings is thus adjusted for changes in purchasing power since the base period (1967).

#### **Average hourly earnings excluding overtime**

Average hourly earnings excluding overtime premium pay are computed by dividing the total production-worker payroll for the industry group by the sum of total production-worker man-hours and one-half of total overtime man-hours. Prior to January 1956, these data were based on the application of adjustment factors to gross average hourly earnings (as described in the *Monthly Labor Review*, May 1950, pp. 537-540). Both methods eliminate only the earnings due to overtime paid for at 1½ times the straight-time rates. No adjustment is made for other premium payment provisions, such as holiday work, late-shift work and overtime rates other than time and one-half.

#### **Indexes of aggregate weekly payrolls and man-hours**

The indexes of aggregate weekly payrolls and man-hours are prepared by dividing the current month's aggregate by the monthly average for the 1967 period. The man-hour aggregates are the product of average weekly hours and production-worker or nonsupervisory worker employment, and the payroll aggregates are the product of man-hour aggregates and average hourly earnings. At all higher levels of aggregation, man-hour and payroll aggregates are the sum of the component aggregates.

#### **Labor turnover**

Labor turnover is the gross movement of wage and salary workers into and out of employed status with respect to individual establishments. This movement, which relates to a calendar month, is divided into two broad types: *Accessions* (new hires and rehires) and *separations* (terminations of employment initiated by either employer or employee). Each type of action is cumulated for a calendar month and expressed as a rate per 100 employees. The data relate to all employees, whether full- or part-time, permanent or temporary, including executive, office, sales, other salaried personnel, and production workers. Transfers to another establishment of the company are included, beginning with January 1959.

*Accessions* are the total number of permanent and temporary additions to the employment roll, including both new and rehired employees.

*New hires* are temporary or permanent additions to the employment roll of persons who have never before been employed in the establishment (except employees transferring from another establishment of the same company) or of former employees not recalled by the employer.

*Other accessions*, which are not published separately but are included in total accessions, are all additions to the employment roll which are not classified as new hires, including transfers from other establishments of the company and employees recalled from layoff.

*Separations* are terminations of employment during the calendar month and are classified according to cause: Quits, layoffs, and other separations, are defined as follows:

*Quits* are terminations of employment initiated by employees, failure to report after being hired, and unauthorized absences, if on the last day of the month the person has been absent more than 7 consecutive calendar days.

*Layoffs* are suspensions without pay lasting or expected to last more than 7 consecutive calendar days, initiated by the employer without prejudice to the worker.

*Other separations*, which are not published separately but are included in total separations, are terminations of employment because of discharge, permanent disability, death, retirement, transfers to another establishment of the company, and entrance into the Armed Forces for a period expected to last more than 30 consecutive calendar days.

## Relationship of labor turnover to employment series

Month-to-month changes in total employment in manufacturing industries reflected by labor turnover rates are not comparable with the changes shown in the Bureau's employment series for the following reasons: (1) Accessions and separations are computed for the entire calendar month; the employment reports refer to the pay period which includes the 12th of the month; and (2) employees on strike are not counted as turnover actions although such employees are excluded from the employment estimates if the work stoppage extends through the report period.

## Job vacancies

Job vacancies are the stock of unfilled job openings as of the close of the last business day of the reference month. Openings of all kinds of positions, classifications and employment, full time, part time, permanent, temporary, and seasonal are included. Excluded are jobs to be filled by recall from layoff, transfer, promotion, demotion or return from paid or unpaid leave; jobs unoccupied because of labor-management disputes; job openings for which "new" workers were already hired and scheduled to start work later; and openings with future starting dates, which are requested as a separate item.

*Job vacancies* are defined as vacant jobs which are immediately available for filling, and for which the firm is actively trying to find or recruit workers from outside the firm.

"Actively trying to find or recruit" means that the establishment is engaged in current efforts to fill the job vacancies by means of orders listed with public or private employment agencies and school placement offices; notification to labor unions and professional organizations; "help wanted" advertising

(newspaper, posted notice, etc.) recruitment programs; and interview and selection of applicants.

*Long-term job vacancies* are those current vacancies which have continued unfilled for 30 days or more.

The reporting establishment is also asked to indicate the number of openings with future starting dates for which the firm is actively trying to recruit workers from outside the firm.

Job openings with future starting dates may exist for such reasons as: Job unavailable until expected separation of present incumbent occurs; work will not start until some future date; new branch to be opened in the future; or anticipated increase in business.

The *job vacancy rate* is computed by dividing the number of current job vacancies by the sum of employment plus vacancies, and multiplying that quotient by 100.

*Occupational classifications* are made in accordance with those established in the *Dictionary of Occupational Titles*, Third Edition, U.S. Department of Labor, 1965.

## ESTIMATING METHODS

The principal features of the procedure used to estimate employment for the industry statistics are (1) the use of the "link relative" technique, which is a form of ratio estimation, (2) periodic adjustment of employment levels to new benchmarks, and (3) the use of size and regional stratification.

### The "link relative" technique

From a sample composed of establishments reporting for both the previous and current months, the ratio of current month employment to that of the previous month is computed. This is called a link relative. The estimates of employment (all employees, including production and nonproduction workers together) for the current month are obtained by multiplying the estimates for the previous month by these "link relatives." In addition, small bias correction factors are applied to selected employment estimates each month. The size of the bias correction factors is determined from past experience. Other features of the general procedures are described in table E, Summary of methods for computing industry statistics on employment, hours, earnings, job vacancies, and labor turnover. Further details are given in the technical notes—Chapter 2, Employment, hours and earnings, and Chapter 3, Job vacancies and labor turnover, reprinted from the *Handbook of Methods*, BLS Bulletin 1711—which are available upon request.

### Size and regional stratification

A number of industries are stratified by size of establishment and/or by region, and the stratified production- or nonsupervisory-worker data are used to weight the hours and earnings into broader industry groupings. Accordingly, the basic estimating cell for an employment, hours, or earnings series, as the term is used in the summary of computational methods, may be a whole industry or a size stratum, a region stratum, or a size stratum of a region within an industry.

### Benchmark adjustments

Employment estimates are compared periodically with comprehensive counts of employment which provide "benchmarks"

**Table E. Summary of methods for computing industry statistics on employment, hours, earnings, job vacancies, and labor turnover**

Item	Basic estimating cell (industry, region, size, or region/size cell)	Aggregate industry levels (divisions, groups and, where stratified, individual cells)
<b>Monthly data</b>		
All employees . . . . .	All-employee estimate for previous month multiplied by ratio of all employees in current month to all employees in previous month, for sample establishments which reported for both months.	Sum of all-employee estimates for component cells.
Production or nonsupervisory workers, women employees . . . . .	All-employee estimate for current month multiplied by (1) ratio of production or nonsupervisory workers to all employees in sample establishments for current month, (2) ratio of women to all employees.	Sum of production- or nonsupervisory-worker estimates, or estimates of women employees, for component cells.
Gross average weekly hours . . . . .	Production- or nonsupervisory-worker man-hours divided by number of production or nonsupervisory workers.	Average, weighted by production- or nonsupervisory-worker employment, of the average weekly hours for component cells.
Average weekly overtime hours . . . . .	Production-worker overtime man-hours divided by number of production workers.	Average, weighted by production-worker employment, of the average weekly overtime hours for component cells.
Gross average hourly earnings . . . . .	Total production- or nonsupervisory-worker payroll divided by total production- or nonsupervisory-worker man-hours.	Average, weighted by aggregate man-hours, of the average hourly earnings for component cells.
Gross average weekly earnings . . . . .	Product of gross average weekly hours and average hourly earnings.	Product of gross average weekly hours and average hourly earnings.
Labor turnover rates . . . . .	The number of particular actions (e.g., quits) in reporting establishments divided by total employment in those firms. The result is multiplied by 100.	Average, weighted by employment, of the rates for component cells.
Job vacancy rates . . . . .	The total number of job vacancies in sample establishments divided by the sum of total employment plus the total number of job vacancies. The result is multiplied by 100.	Sum of the total job vacancies in the component cells, weighted by employment, divided by the sum of total employment plus the total number of job vacancies. The result is multiplied by 100.
Long term job vacancy rates . . . . .	The number of long-term job vacancies in sample establishments divided by the sum of total employment plus the total number of job vacancies. The result is multiplied by 100.	Sum of the long-term job vacancies in the component cells, weighted by employment, divided by the sum of total employment plus the total number of job vacancies. The result is multiplied by 100.
<b>Annual average data</b>		
All employees and production or nonsupervisory workers . . . . .	Sum of monthly estimates divided by 12.	Sum of monthly estimates divided by 12.
Gross average weekly hours . . . . .	Annual total of aggregate man-hours (production- or nonsupervisory-worker employment multiplied by average weekly hours) divided by annual sum of employment.	Annual total of aggregate man-hours for production- or nonsupervisory-workers divided by annual sum of employment for these workers.
Average weekly overtime hours . . . . .	Annual total of aggregate overtime man-hours (production-worker employment multiplied by average weekly overtime hours) divided by annual sum of employment.	Annual total of aggregate overtime man-hours for production workers divided by annual sum of employment for these workers.
Gross average hourly earnings . . . . .	Annual total of aggregate payrolls (production- or nonsupervisory-worker employment multiplied by weekly earnings) divided by annual aggregate man-hours.	Annual total of aggregate payrolls divided by annual aggregate man-hours.
Gross average weekly earnings . . . . .	Product of gross average weekly hours and average hourly earnings.	Product of gross average weekly hours and average hourly earnings.
Labor turnover rates . . . . .	Sum of monthly rates divided by 12.	Sum of monthly rates divided by 12.
Job vacancy rates . . . . .	Sum of monthly rates divided by 12.	Sum of monthly rates divided by 12.

for the various nonagricultural industries, and appropriate adjustments are made as indicated. The industry estimates are currently projected from March 1971 levels. Normally, benchmark adjustments are made annually.

The primary sources of benchmark information are employment data, by industry, compiled quarterly by State agencies from reports of establishments covered under State unemployment insurance laws. These tabulations, cover nearly nine-tenths of the total nonagricultural employment in the United States. Benchmarks data for the residual are obtained from the records of the Social Security Administration, the Interstate Commerce Commission, and a number of other agencies in private industry or government.

The estimates relating to the benchmark month are compared with new benchmark levels, industry by industry. If revisions are necessary, the monthly series of estimates are adjusted between the new benchmark and the preceding one, and the new benchmark for each industry is then carried forward progressively to the current month by use of the sample trends. Thus, under this procedure, the benchmark is used to establish the level of employment; the sample is used to measure the month-to-month changes in the level. A comparison of the actual amounts of revisions made in the last 3 benchmark years is shown in table F.

**Table F. Nonagricultural payroll employment estimates, by industry divisions, as a percentage of the benchmark for 1969-71**

Industry division	1969	1970	1971
Total .....	99.8	100.0	100.2
Mining .....	101.5	100.0	99.8
Contract construction .....	99.0	100.1	96.9
Manufacturing .....	99.8	100.1	100.4
Transportation and public utilities .....	100.4	99.9	100.9
Wholesale and retail trade .....	100.0	100.1	100.3
Finance, insurance, and real estate .....	100.0	100.3	100.2
Services .....	99.1	99.6	100.4
Government .....	100.1	100.3	100.0

Data for all months since the last benchmark to which the series has been adjusted are subject to revision. To provide users of the data with a convenient reference source for the revised data, the BLS publishes as soon as possible after each benchmark revision a summary volume of employment, hours, earnings, and labor turnover statistics, entitled *Employment and Earnings, United States, 1909-72*.

## THE SAMPLE

### Design

The sampling plan used in the current employment statistics program is known as "sampling proportionate to average size of establishment." This design is an optimum allocation design among strata since the sampling variance is proportional to the average size of establishments. The universe of establishments is stratified first by industry and then within each industry by size of establishment in terms of employment. For each industry, the number of sample units is distributed among the size class cells

on the basis of average employment per establishment in each cell. In practice, this is equivalent to distributing the pre-determined total number of establishments required in the sample among the cells on the basis of the ratio of employment in each cell to total employment in the industry. Within each noncertainty stratum the sample members are selected at random.

Under this type of design, large establishments fall into the sample with certainty. The size of the sample for the various industries is determined empirically on the basis of experience and of cost considerations. In a manufacturing industry in which a high proportion of total employment is concentrated in relatively few establishments, a large percentage of total employment is included in the sample. Consequently, the sample design for such industries provides for a complete census of the large establishments with only a few chosen from among the smaller establishments or none at all if the concentration of employment is great enough. On the other hand, in an industry in which a large proportion of total employment is in small establishments, the sample design calls for inclusion of all large establishments and also for a substantial number of the small ones. Many industries in the trade and services divisions fall into this category. To keep the sample to a size which can be handled by available resources, it is necessary to accept samples in these divisions with a smaller proportion of universe employment than is the case for most manufacturing industries. Since individual establishments in these nonmanufacturing divisions generally show less fluctuation from regular cyclical or seasonal patterns than establishments in manufacturing industries, these smaller samples (in terms of employment) generally produce reliable estimates.

In the context of the BLS employment and job vacancy-labor turnover statistics programs, with their emphasis on producing timely data at minimum cost, a sample must be obtained which will provide coverage of a sufficiently large segment of the universe to provide reasonably reliable estimates that can be published promptly and regularly. The present sample meets these specifications for most industries. With its use, the BLS is able to produce preliminary estimates each month for many industries and for many geographic levels within a few weeks after reports are mailed by respondents, and at a somewhat later date, statistics in considerably greater industrial detail.

### Coverage

The BLS sample of establishment employment and payrolls is the largest monthly sampling operation in the field of social statistics. Table G shows the approximate proportion of total employment in each industry division covered by the group of establishments furnishing monthly employment data. The coverage for individual industries within the division may vary from the proportions shown. Table H shows the approximate coverage, in terms of employment, of the job vacancy-labor turnover sample.

### Reliability of the employment estimates

Although the relatively large size of the BLS establishment sample assures a high degree of accuracy, the estimates derived from it may differ from the figures that would be obtained if it were possible to take a complete census using the same schedules



**Table G. Approximate size and coverage of BLS employment and payrolls sample, March 1972<sup>1</sup>**

Industry division	Number of establishments in samples	Employees	
		Number reported	Percent of total
Total .....	155,400	29,228,000	41
Mining .....	2,200	309,000	51
Contract construction .....	16,000	691,000	22
Manufacturing .....	45,700	10,998,000	59
Transportation and public utilities:			
Railroad transportation (ICC) .....	96	536,000	94
Other transportation and public utilities .....	7,100	2,052,000	53
Wholesale and retail trade .....	38,500	2,881,000	19
Finance, insurance, and real estate .....	9,900	1,405,000	36
Services .....	23,000	2,495,000	21
Government:			
Federal (Civil Service Commission) <sup>2</sup> .....	3,100	2,656,000	100
State and local .....	9,800	5,205,000	48

<sup>1</sup> Since a few establishments do not report payroll and man-hour information, hours and earnings estimates may be based on a slightly smaller sample than employment estimates.

<sup>2</sup> National estimates of Federal employment are provided to the BLS by the Civil Service Commission. State and area estimates are based on a sample of 3,100 reports covering about 56 percent of employment in Federal establishments.

**Table H. Approximate size and coverage of BLS job vacancy-labor turnover sample, March 1972**

Industry	Employees	
	Number reported	Percent of total
Total .....	10,279,890	52
Manufacturing <sup>1</sup> .....	9,566,590	52
Metal mining .....	56,300	65
Coal mining .....	58,900	40
Communication:		
Telephone .....	580,500	60
Telegraph .....	17,600	66

<sup>1</sup> Since some establishments do not report the information, job vacancy estimates currently are based on reports from sample establishments covering about 43 percent of universe employment.

and procedures. As discussed under the previous section, a link relative technique is used to estimate employment. This requires the use of the previous month's estimate as the base in computing the current month's estimate. Thus, small sampling and response errors may cumulate over several months. To remove this accumulated error, the estimates are adjusted annually to new benchmarks. In addition to taking account of sampling and response errors, the benchmark revision adjusts the estimates for changes in the industrial classification of individual establishments (resulting from changes in their product which are not reflected in the levels of estimates until the data are adjusted to new benchmarks). In fact, at the more detailed

industry levels, particularly within manufacturing, changes in classification are the major cause of benchmark adjustments. Another cause of differences, generally minor, arises from improvements in the quality of the benchmark data. Table I presents the average percent revisions of the six most recent benchmarks for major industry divisions. Detailed descriptions of individual benchmark revisions are available from the Bureau upon request.

The hours and earnings estimates for cells are not subject to benchmark revisions, although the broader groupings may be affected slightly by changes in employment weights. The hours and earnings estimates, however, are subject to sampling errors which may be expressed as relative errors of the estimates. (A relative error is a standard error expressed as a percent of the estimate.) Relative errors for major industries are presented in table I and for individual industries with the specified number of employees in table J. The chances are about 2 out of 3 that the hours and earnings estimates from the sample would differ by a smaller percentage than the relative error from the averages that would have been obtained from a complete census.

One measure of the reliability of the employment estimates for individual industries is the root-mean-square error (RMSE). The measure is the standard deviation adjusted for the bias in estimates

$$(RMSE = \sqrt{(Standard\ Deviation)^2 + (Bias)^2}).$$

If the bias is small, the chances are about 2 out of 3 that an estimate from the sample would differ from its benchmark by less than the root-mean-square error. The chances are about 19

**Table I. Average benchmark percent revision in employment estimates and relative errors<sup>1</sup> for average weekly hours and average hourly earnings by industry division**

Industry division	Average benchmark revision in estimates of employment <sup>2</sup>	Relative errors (in percent)	
		Average weekly hours	Average hourly earnings
Total nonagricultural employment .....	0.2		
Total private .....	.2	0.1	0.2
Mining .....	.7	.5	.5
Construction .....	1.1	.2	.3
Manufacturing .....	.3	.1	.1
Durable goods .....	.4	.1	.1
Nondurable goods .....	.3	.1	.1
Transportation and public utilities .....	.4	.7	.4
Trade .....	.2	.1	.2
Wholesale .....	.9	.2	.3
Retail .....	.2	.2	.2
Finance, insurance, and real estate .....	.3	.2	.4
Services .....	.5	.4	.8
Government <sup>3</sup> .....			

<sup>1</sup> Relative errors relate to March 1971 data.

<sup>2</sup> The average percent revision in employment for the 6 most recent benchmarks (1966-71).

<sup>3</sup> Estimates for government are based on a total count for Federal Government and samples for State and local government benchmarked to a quinquennial census of government conducted by the Bureau of the Census.

out of 20 that the difference would be less than twice the root-mean-square error.

Approximations of the root-mean-square errors (based on the experience of the last 6 years) of differences between final estimates and benchmarks are presented in table J.

For the most recent months, estimates of employment, hours, and earnings are preliminary and are so footnoted in the tables. These figures are based on less than the total sample and are revised when all the reports in the sample have been received. Table K presents root-mean-square errors of the amounts of revisions that may be expected between the preliminary and final levels of employment and preliminary and final month-to-month changes. Revisions of preliminary hours and earnings estimates are normally not greater than .1 of an hour for weekly hours and 1 cent for hourly earnings.

**Table J. Root-mean-square errors of differences between benchmarks and estimates of employment and average relative errors for average weekly hours and average hourly earnings**

Size of employment estimate	Root-mean-square error of employment estimates <sup>1</sup>	Relative errors (in percent)	
		Average weekly hours	Average hourly earnings
50,000	1,900	0.9	1.5
100,000	2,700	.7	1.1
200,000	4,100	.5	.9
500,000	9,600	.4	.8
1,000,000	13,000	.3	.5
2,000,000	16,800	.3	.5

<sup>1</sup> Assuming 12-month intervals between benchmark revisions.

**Table K. Errors of preliminary employment estimates**

Size of employment estimate	Root-mean-square error of	
	Monthly level	Month-to-month change
50,000	500	500
100,000	800	800
200,000	1,600	1,500
500,000	2,500	2,400
1,000,000	4,000	3,800
2,000,000	7,800	6,800
10,000,000	33,000	32,000
Total nonagricultural employment	100,000	91,000
Mining	4,000	4,000
Contract construction	21,000	21,000
Manufacturing	41,000	34,000
Transportation and public utilities	12,000	10,000
Wholesale and retail trade	31,000	28,000
Finance, insurance, and real estate	7,000	7,000
Services	24,000	20,000
Government	37,000	32,000

## Reliability of job vacancy estimates

As with the employment estimates, the estimates derived from the job vacancy survey may differ from the figures that would have been obtained if it were possible to take a complete census using the same schedules and procedures.

Measures of reliability for the job vacancy estimates are given by the relative errors in table L. The chances are about 2 out of 3 that an estimate from the sample would differ from a complete census by a smaller percentage than the relative error. The chances are about 19 out of 20 that the difference would be a smaller percentage than twice the relative error.

**Table L. Relative errors of estimates of job vacancy data**

Industry	Relative error <sup>1</sup> (in percent)
Manufacturing	2
Durable goods industries	3
Nondurable goods industries	3
Selected durable goods industries:	
Primary metal industries	8
Machinery, except electrical	5
Electrical equipment and supplies	9
Transportation equipment	11
Instruments and related products	16
Selected nondurable goods industries:	
Textile mill products	4
Apparel and other textile products	4
Printing and publishing	14
Chemicals and allied products	8

<sup>1</sup> Expressed as a percent of the estimate.

## STATISTICS FOR STATES AND AREAS

State and area employment, hours, earnings, job vacancy, and labor turnover data are collected and prepared by State agencies in cooperation with BLS. The area statistics relate to metropolitan areas. Definitions for all areas are published each year in the issue of *Employment and Earnings* that contains State and area annual averages (usually the May issue). Changes in definitions are noted as they occur. Additional industry detail may be obtained from the State agencies listed on the inside back cover of each issue. These statistics are based on the same establishment reports used by BLS for preparing national estimates. For employment, the sum of the State figures may differ slightly from the equivalent official U.S. totals on a national basis, because some States have more recent benchmarks than others and because of the effects of differing industrial and geographic stratification.

For the States and the areas shown in the B and C sections of this periodical, all the annual average data for the detailed industry statistics currently published by each cooperating State agency are presented (from the earliest data of availability of each series) in a summary volume published annually by the BLS.

## Unemployment insurance data (F tables)

Insured unemployment represents the number of persons reporting a week of unemployment under an unemployment insurance program. It includes some persons who are working part time who would be counted as employed in the payroll and household surveys. Excluded are persons who have exhausted their benefit rights and workers who have not earned rights to unemployment insurance. In general, excluded from coverage are those persons engaged in agriculture, domestic service, unpaid family work, selected nonprofit organizations, some State and local government and self-employment. Also excluded from the insured unemployment count, but included as employed in the household survey, are those persons who earned no wages during the payroll period because they were temporarily absent from their jobs due to taking time off, illness and industrial dispute as well as unpaid vacations. The rate of insured unemployment is the number of insured unemployed expressed as a percent of

average covered employment in a 12-month period ending 6 to 8 months prior to the week of reference. Initial claims are notices filed by those losing jobs covered by an unemployment insurance program that they are starting a period of unemployment. A claimant who continued to be unemployed a full week is then counted in the insured unemployment figure.

Because of differences in State laws and procedures under which unemployment insurance programs are operated, State unemployment insurance programs are operated, State unemployment rates generally indicate, but do not precisely measure, differences among the individual States. Persons wishing to receive a detailed description of the nature, sources, inclusions and exclusions, and limitation of unemployment insurance data should address their inquiries to Manpower Administration, Washington, D.C. 20210.

## Seasonal adjustment

Many economic statistics reflect a regularly recurring seasonal movement which can be estimated on the basis of past experience. By eliminating that part of the change which can be ascribed to usual seasonal variation, it is possible to observe the cyclical and other nonseasonal movements in the series. However, in evaluating deviations from the seasonal pattern—that is, changes in a seasonally adjusted series—it is important to note that seasonal adjustment is merely an approximation based on past experience. Seasonally adjusted estimates have a broader margin of possible error than the original data on which they are based, since they are subject not only to sampling and other errors but, in addition, are affected by the uncertainties of the seasonal adjustment process itself. Seasonally adjusted series for selected labor force and establishment data are published regularly in *Employment and Earnings*.

The seasonal adjustment method used for these series is an adaptation of the standard ratio-to-moving average method, with a provision for moving "adjustment factors" to take account of changing seasonal patterns. A detailed description of the method is given in the booklet, the *BLS Seasonal Factor Method (1966)*, and the *X-11 Variant of the Census Method II Seasonal Adjustment Program*, Technical Paper No. 15, Bureau of the Census (1967).

For each of the three major labor force components—agricultural and nonagricultural employment and unemployment—data for four age-sex groups (male and female workers under age 20 and age 20 and over) are separately adjusted for seasonal variation and are then added to give seasonally adjusted total figures. In order to produce seasonally adjusted total employment and civilian labor force data, the appropriate series are aggregated. The seasonally adjusted rate of unemployment is derived by dividing the seasonally adjusted figure for total unemployment (the sum of four seasonally adjusted age-sex components) by the figure for the seasonally adjusted civilian labor force (the sum of twelve seasonally adjusted age-sex components).

The seasonal adjustment factors applying to current data are based on a pattern shown by past experience. These factors are

revised in the light of the pattern revealed by subsequent data. Revised seasonally adjusted series for major components of the labor force based on data through December 1972 are published in the February 1973 *Employment and Earnings*. Revisions will be made annually as each additional year's data become available.

For establishment data, the seasonally adjusted series on hours, hourly earnings, number of job vacancies, and labor turnover rates for industry groupings are computed by applying factors directly to the corresponding unadjusted series. However, seasonally adjusted employment totals for all employees and production workers by industry division are obtained by summing seasonally adjusted data for the component industries. Seasonally adjusted average weekly earnings are the product of seasonally adjusted average hourly earnings and average weekly hours. Average weekly earnings in constant dollars, seasonally adjusted, are obtained by dividing seasonally adjusted average weekly earnings by the seasonally adjusted Consumer Price Index. Indexes of aggregate weekly man-hours, seasonally adjusted, are obtained by multiplying average weekly hours, seasonally adjusted, by production or nonsupervisory workers, seasonally adjusted, and dividing by the 1967 base. For total private, total goods producing, total private service producing, trade, manufacturing, and durable and nondurable goods the indexes of aggregate weekly man-hours, seasonally adjusted, are obtained by summing the aggregate weekly man-hours, seasonally adjusted, for the appropriate component industries and dividing by the 1967 base.

The seasonally adjusted establishment data for Federal Government are based on a series which excludes the Christmas temporary help employed by the Postal Service in December. The employment of these workers constitutes the only significant seasonal change in Federal Government employment during the winter months. Furthermore, the volume of such employment may change substantially from year to year because of administrative decisions by the Postal Service. Hence, it was considered desirable to exclude this group from the data upon which the seasonally adjusted series is based.

Seasonally adjusted job vacancy rates are computed by dividing the seasonally adjusted number of job vacancies by the sum of seasonally adjusted employment and job vacancies and multiplying the quotient by 100. Seasonally adjusted long-term job vacancy rates are computed by dividing the seasonally adjusted long-term job vacancies by the sum of seasonally adjusted employment and total job vacancies and multiplying the quotient by 100.

The revised seasonally adjusted series for the establishment data reflect experience through March 1973. Seasonal factors to be used for current adjustment appear in the June 1973 *Employment and Earnings*.

Additional information concerning the preparation of the labor force, employment, hours, earnings, job vacancy, and labor turnover series—concepts and scope, survey methods, and limitations—is contained in the *Handbook of Methods*, BLS Bulletin 1711.

★ U.S. GOVERNMENT PRINTING OFFICE : 1973 543-651/5