

# EMPLOYMENT AND EARNINGS

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## CONTENTS

	Page
List of statistical tables .....	2
Employment and unemployment developments, August 1974 .....	4
Charts .....	6
<b>Statistical tables:</b>	
Monthly household data .....	17
Monthly establishment data .....	47
Monthly unemployment insurance data .....	111
Explanatory notes .....	115

<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		x									
<b>Quarterly averages:</b>											
Seasonally adjusted data											
Persons not in labor force											
Persons of Spanish origin	x			x			x			x	
Vietnam-era veterans and nonveterans											
<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						(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> Introduced in June 1973; reseasonally adjusted real earnings data in June 1974.

# MONTHLY HOUSEHOLD DATA

	<i>Page</i>
<b>Employment Status</b>	
A- 1: Employment status of the noninstitutional population, 1929 to date . . . . .	17
A- 2: Employment status of the noninstitutional population 16 years and over by sex, 1947 to date . . . . .	18
A- 3: Employment status of the noninstitutional population by sex, age, and color . . . . .	19
A- 4: Labor force by sex, age, and color . . . . .	21
A- 5: Employment status of persons 16-21 years of age in the noninstitutional population by color and sex . . . . .	23
A- 6: Employment status of the noninstitutional population 16 years and over by sex, age, and color . . . . .	23
A- 7: Full- and part-time status of the civilian labor force by color, sex, and age . . . . .	24
<b>Characteristics of the Unemployed</b>	
A- 8: Unemployed persons by sex and age . . . . .	25
A- 9: Unemployed persons by marital status, sex, age, and color . . . . .	25
A-10: Unemployed persons by occupation of last job and sex . . . . .	26
A-11: Unemployed persons by industry of last job and sex . . . . .	26
A-12: Unemployed persons by reason for unemployment, sex, age, and color . . . . .	27
A-13: Unemployed persons by reason for unemployment, duration, sex, and age . . . . .	27
A-14: Unemployed jobseekers by the jobsearch methods used, sex, age, and color . . . . .	28
A-15: Unemployed jobseekers by the jobsearch methods used, sex, and reason for unemployment . . . . .	28
A-16: Unemployed persons by duration of unemployment . . . . .	29
A-17: Unemployed persons by duration, sex, age, color, and marital status . . . . .	29
A-18: Unemployed persons by duration, occupation, and industry of last job . . . . .	30
<b>Characteristics of the Employed</b>	
A-19: Employed persons by sex and age . . . . .	30
A-20: Employed persons by occupational group, sex, and age . . . . .	31
A-21: Employed persons by major occupational group, sex, and color . . . . .	32
A-22: Employed persons by class of worker, sex, and age . . . . .	33
A-23: Employed persons with a job but not at work by reason, pay status, and sex . . . . .	34
A-24: Persons at work by type of industry and hours of work . . . . .	34
A-25: Persons at work 1-34 hours by usual status and reason working part-time . . . . .	35
A-26: Nonagricultural workers by industry and full- or part-time status . . . . .	35
A-27: Persons at work in nonagricultural industries by full- or part-time status, sex, age, color, and marital status . . . . .	36
A-28: Persons at work in nonfarm occupations by full- or part-time status and sex . . . . .	38
<b>Characteristics of 14 and 15 Year-olds</b>	
A-29: Employment status of 14-15 year-olds by sex and color . . . . .	40
A-30: Employed 14-15 year-olds by sex, class of worker, and major occupational group . . . . .	40
<b>Seasonally Adjusted Employment and Unemployment Data</b>	
A-31: Employment status of the noninstitutional population by sex and age, seasonally adjusted . . . . .	41
A-32: Full- and part-time status of the civilian labor force by sex and age, seasonally adjusted . . . . .	41
A-33: Employment status by color, sex, and age, seasonally adjusted . . . . .	42
A-34: Unemployed persons by duration of unemployment, seasonally adjusted . . . . .	42
A-35: Major unemployment indicators, seasonally adjusted . . . . .	43
A-36: Rates of unemployment by sex and age, seasonally adjusted . . . . .	44
A-37: Unemployed persons by reason for unemployment, seasonally adjusted . . . . .	44
A-38: Employed persons by sex and age, seasonally adjusted . . . . .	45
A-39: Employed persons by major occupational group, seasonally adjusted . . . . .	45
<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 . . . . .	46

# MONTHLY ESTABLISHMENT DATA

	<i>Page</i>
<b>Employment—National</b>	
B- 1: Employees on nonagricultural payrolls, by industry division, 1919 to date . . . . .	47
B- 2: Employees on nonagricultural payrolls, by industry . . . . .	48
B- 3: Women employees on nonagricultural payrolls, by industry <sup>1</sup> . . . . .	—
B- 4: Indexes of employment on nonagricultural payrolls, by industry division, 1919 to date, monthly data seasonally adjusted . . . . .	56
B- 5: Employees on nonagricultural payrolls, by industry, seasonally adjusted . . . . .	57
B- 6: Production or nonsupervisory workers on private nonagricultural payrolls, seasonally adjusted . . . . .	58
<b>Employment—State and Area</b>	
B- 7: Employees on nonagricultural payrolls for States and selected areas, by industry division . . . . .	60
<b>Hours and Earnings—National</b>	
C- 1: Gross hours and earnings of production or nonsupervisory workers on private nonagricultural payrolls, 1950 to date . . . . .	71
C- 2: Gross hours and earnings of production or nonsupervisory workers on private nonagricultural payrolls, by industry . . . . .	72
C- 3: Employment, hours, and indexes of earnings in the Executive Branch of the Federal Government . . . . .	84
C- 4: Average hourly earnings excluding overtime of production workers on manufacturing payrolls, by industry . . . . .	84
C- 5: Gross and spendable average weekly earnings of production or nonsupervisory workers on private nonagricultural payrolls, in current and 1967 dollars . . . . .	85
C- 6: Indexes of aggregate weekly man-hours and payrolls of production or nonsupervisory workers on private nonagricultural payrolls . . . . .	86
C- 7: Average weekly hours of production or nonsupervisory workers on private nonagricultural payrolls, seasonally adjusted . . . . .	86
C- 8: Indexes of aggregate weekly man-hours of production or nonsupervisory workers on private nonagricultural payrolls, seasonally adjusted . . . . .	89
C- 9: Man-hours of wage and salary workers in nonagricultural establishments . . . . .	89
C-10: Indexes of output per man-hour, hourly compensation, unit costs, and prices, private economy, seasonally adjusted . . . . .	90
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 . . . . .	91
C-12: Indexes of average hourly earnings, private nonfarm economy, adjusted for overtime (in manufacturing only) and interindustry employment shifts, 1964 to date . . . . .	92
C-13: Four-quarter changes in compensation, seasonally adjusted . . . . .	93
C-14: Quarter-to-quarter changes in compensation, seasonally adjusted . . . . .	93
C-15: Twelve-month changes in compensation, seasonally adjusted . . . . .	94
C-16: Six-month changes in compensation, seasonally adjusted . . . . .	94
C-17: Average hourly or weekly compensation, seasonally adjusted . . . . .	95
<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 . . . . .	96
<b>Labor Turnover—National</b>	
D- 1: Labor turnover rates in manufacturing, 1961 to date . . . . .	101
D- 2: Labor turnover rates, by industry . . . . .	102
D- 3: Labor turnover rates in manufacturing, 1961 to date, seasonally adjusted . . . . .	107
<b>Labor Turnover—State and Area</b>	
D- 4: Labor turnover rates in manufacturing for selected States and areas . . . . .	108

# MONTHLY UNEMPLOYMENT INSURANCE DATA

E- 1: Insured unemployment under State programs . . . . .	111
E- 2: Insured unemployment in 150 major labor areas . . . . .	112

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

# Employment and Unemployment Developments, August 1974

Employment and unemployment in August were basically unchanged from July. The Nation's unemployment rate was 5.4 percent, little different from the July figure but up from the 5.2-percent plateau that had prevailed during the first half of the year.

Total employment (as measured by the monthly sample survey of households) was 86.2 million in August, practically unchanged for the past 2 months and up only 375,000 since January.

Nonfarm payroll employment (as measured by the monthly survey of business establishments) was also about unchanged in August, at 77.2 million. The payroll job count has been essentially unchanged since May after recovering from last winter's energy-related slowdown.

## Unemployment

After adjustment for seasonality, both the level of unemployment (4.9 million) and the rate (5.4 percent) were about unchanged from their July levels. Although neither the July nor August change in unemployment was statistically significant, the change over the 2 months appears to represent a slight increase from earlier in the year. The unemployment rate has now risen by eight-tenths of a percentage point from last October's low of 4.6 percent.

Among the major labor force groups, there was an increase in the jobless rate for adult men, from 3.5 to 3.8 percent. This upturn was confined to young men 20-24 years of age, whose unemployment rate rose from 8.1 to 9.3 percent, and to those 55 and over. These older men have experienced rising joblessness for 3 straight months, with their unemployment moving up from 2.3 percent in May to 3.2 percent in August. Offsetting the unemployment rise among adult men was a slight decline among teenagers, whose unemployment rate edged down to 15.3 percent. Unemployment rates for adult women, whites, blacks (Negro and other races), household heads, married men, and workers covered by State unemployment insurance programs all exhibited little or no change in August.

The unemployment rate for Vietnam-era veterans 20-34 years old was also unchanged over the month at a figure (5.0 percent) that was somewhat below that of their nonveteran counterparts (6.3 percent). The most recently discharged veterans (those 20 to 24 years old), however, continued to be more adversely affected by unemployment than young nonveterans. Their jobless rate in August was 11.4 percent, compared with a rate of 9.2 percent for nonveterans of the same ages. In contrast, the jobless rates for veterans 25 to 29 years old and 30 to 34 years old remained below those of their nonveteran counterparts.

## Civilian labor force and total employment

The civilian labor force, at 91.1 million was unchanged in August and has, in fact, shown relatively little growth since the beginning of the year. Although it was up by 2.3 million since last August, most of this increase took place in the fall and winter. Adult women accounted for 1.2 million of the over-the-year gain.

Total employment was essentially unchanged in August for the second month in a row, at 86.2 million, seasonally adjusted. Since August 1973, total employment has advanced by 1.7 million. However, two-thirds of this gain took place during the August-October period.

## Industry payroll employment

Nonagricultural payroll employment, at 77.2 million in August, remained virtually unchanged since May. In August, as has been the case since May, continued growth in payroll employment in the service-producing sector was offset by declines in the goods-producing sector. Employment changes throughout the summer have been strongly affected by strike activity, first in the construction industry and more recently in manufacturing.

Within the goods-producing industries in August, manufacturing employment fell by 115,000 to 19.8 million, with nearly all of the reductions taking place in the durable goods industries. This employment decline stemmed in large part from labor disputes in electrical

equipment and transportation equipment. In contract construction, even though over 100,000 striking workers returned to their jobs between July and August, employment rose by only 20,000. Since December, construction jobs have shown a net decline of nearly 190,000, a reflection of the marked weakness in home-building.

The service-producing industries posted gains of 170,000 in August, with almost all of the increase limited to the service industry and State and local government. State and local government employment rose by 90,000, following several months of slower than usual growth.

### **Hours of work**

The average workweek for all production or non-supervisory workers on private nonagricultural payrolls, at 36.7 hours (seasonally adjusted) in August, has shown little movement since the first of the year. Total manufacturing and factory overtime, at 40.3 and 3.3 hours, respectively, were about unchanged in August. Compared with August 1973, average hours for all production or non-supervisory workers were down 0.3 hour; total factory hours and overtime declined by 0.2 and 0.4 hour, respectively.

### **Hourly and weekly earnings**

Average hourly earnings of production or non-supervisory personnel on private nonagricultural payrolls rose 0.7 percent (seasonally adjusted) in August. Since August 1973, hourly earnings have advanced by 8.4 percent. Average weekly earnings increased by 0.4 percent over the month and were up 7.5 percent over the past year.

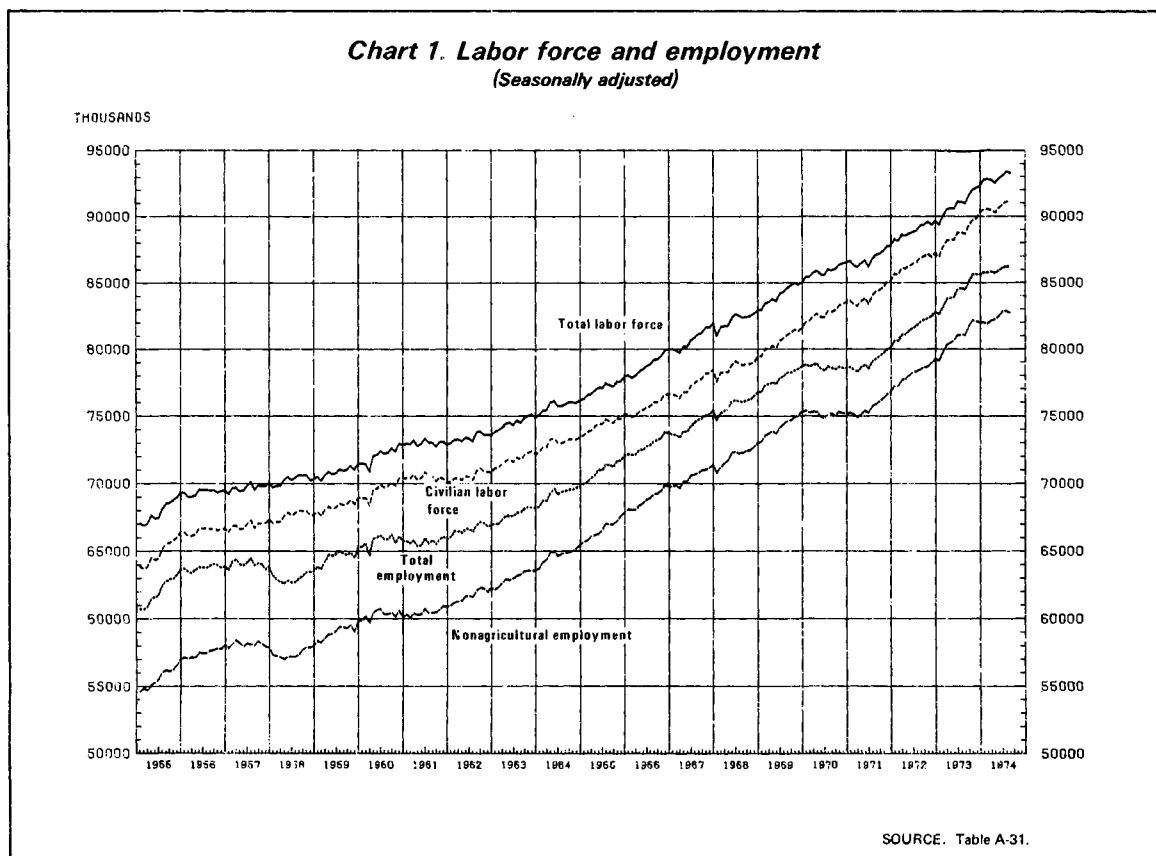
Before adjustment for seasonality, average hourly earnings rose by 3 cents in August to \$4.24. Since August a year ago, hourly earnings have advanced by 33 cents. Weekly earnings averaged \$157.73 in August, an increase of \$1.12 from July and \$11.10 from August 1973.

### **The hourly earnings index**

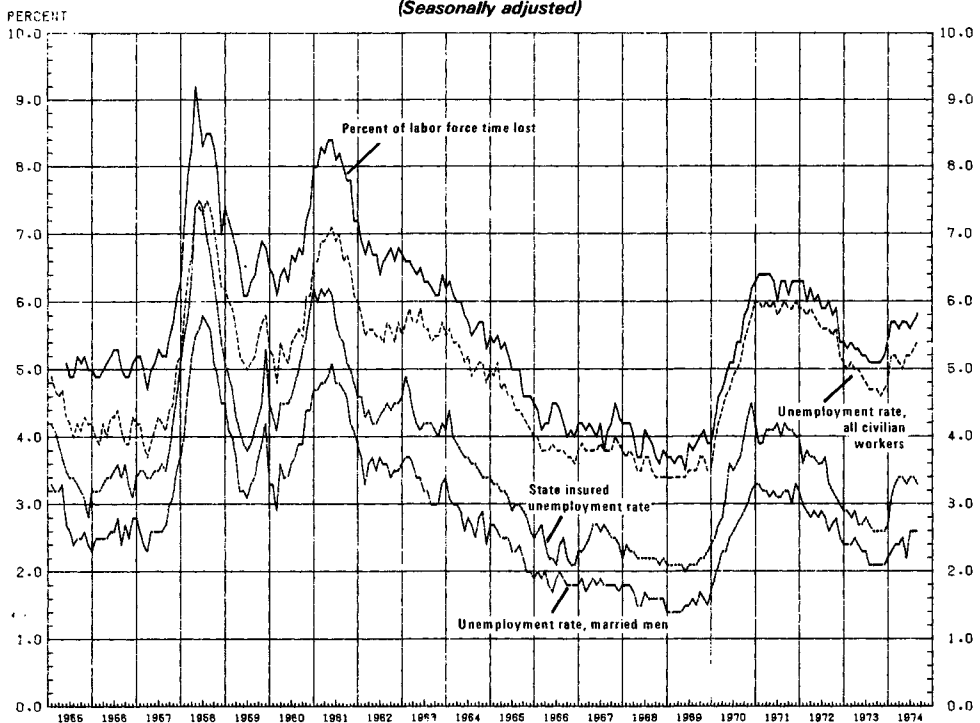
The Hourly Earnings Index—earnings adjusted for overtime in manufacturing, seasonality, and the effects of changes in the proportion of workers in high-wage and low-wage industries—was 160.8 (1967=100) in August, 0.9 percent higher than in July. The Index was 8.9 percent above August a year ago. During the 12-month period ended in July, the Hourly Earnings Index in dollars of constant purchasing power declined 3.0 percent.

# CHARTS

	<i>Page</i>
1. Labor force and employment, 1955-74 .....	6
2. Major unemployment indicators, 1955-74 .....	7
3. Payroll employment in goods - and service-producing industries, 1955-74 .....	7
4. Nonagricultural payroll employment by industry, 1955-74 .....	8
5. Total employment by age and sex, 1955-74 .....	9
6. Persons at work full and part time in nonagricultural industries, 1955-74 .....	10
7. Employment in nonfarm occupations, 1958-74 .....	11
8. Duration of unemployment, 1955-74 .....	12
9. Unemployment rates by age and sex, 1955-74 .....	13
10. Unemployment rates by color, 1955-74 .....	13
11. Unemployment rates by major occupational groups, 1958-74 .....	14
12. Average weekly hours in nonagricultural industries, 1955-74 .....	15
13. Labor turnover rates in manufacturing, 1955-74 .....	15
14. Average weekly earnings in nonagricultural industries, 1955-74 .....	16
15. Total private gross and spendable weekly earnings, 1955-74 .....	16

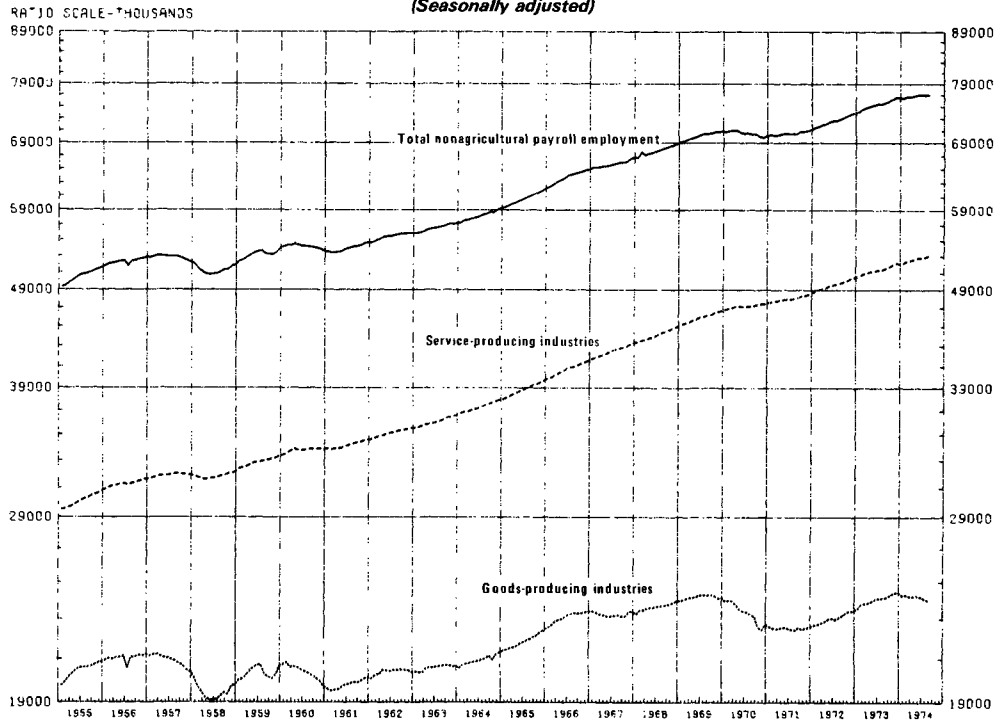


**Chart 2. Major unemployment indicators**  
(Seasonally adjusted)



SOURCE: Table A-35.

**Chart 3. Payroll employment in goods- and service-producing industries**  
(Seasonally adjusted)

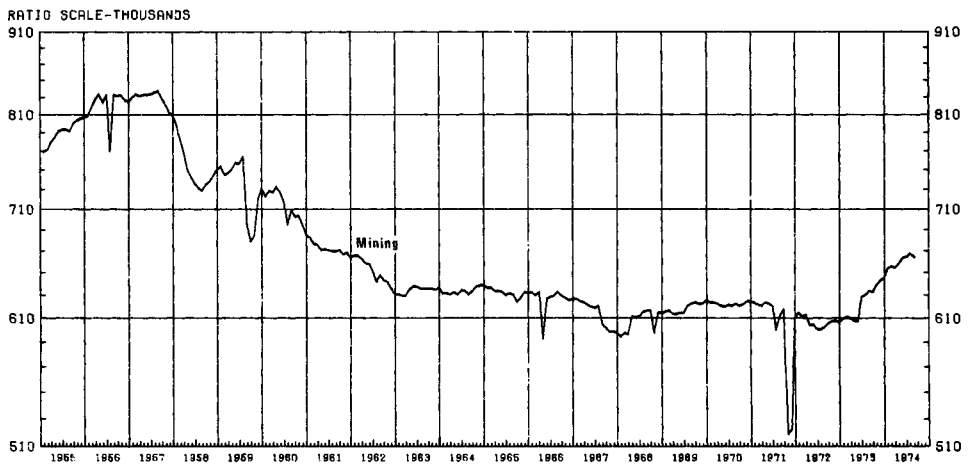
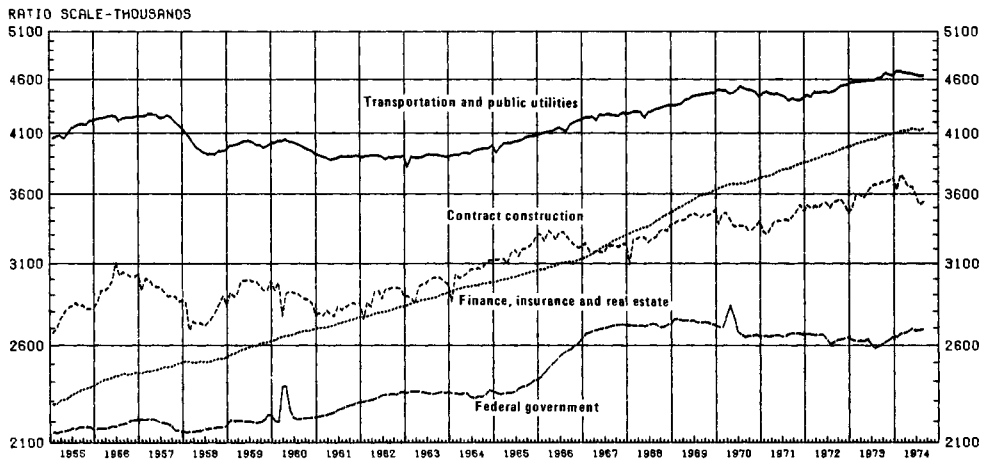
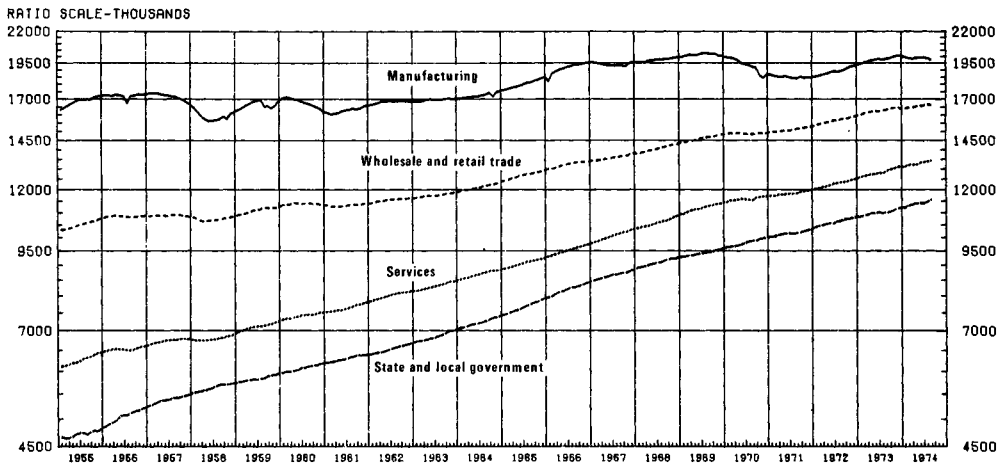


NOTE: Data for two most recent months are preliminary.

SOURCE: Table B-5.

### Chart 4. Nonagricultural payroll employment by industry

(Seasonally adjusted)

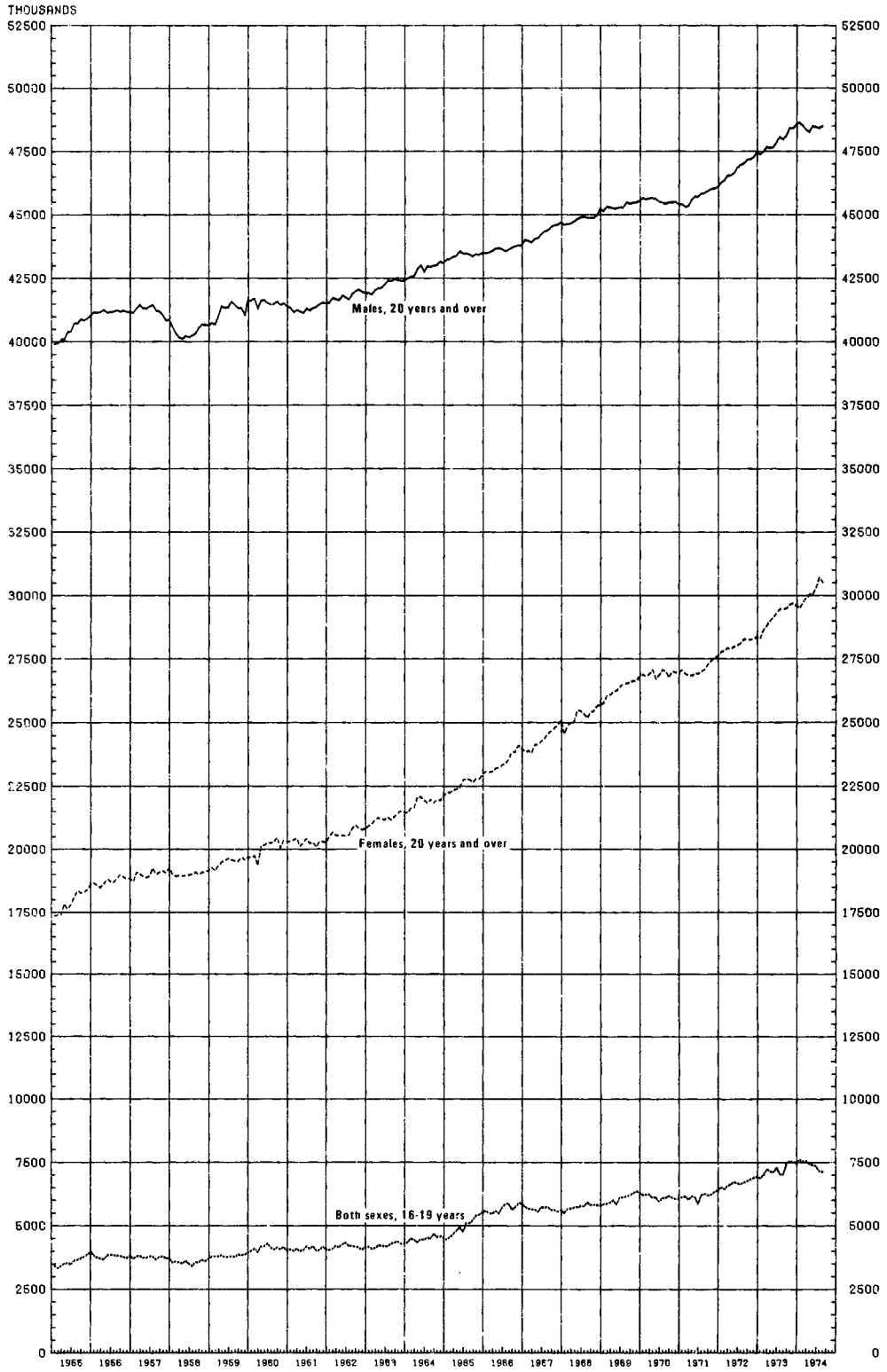


NOTE: Data for two most recent months are preliminary.

SOURCE: Table B-5.

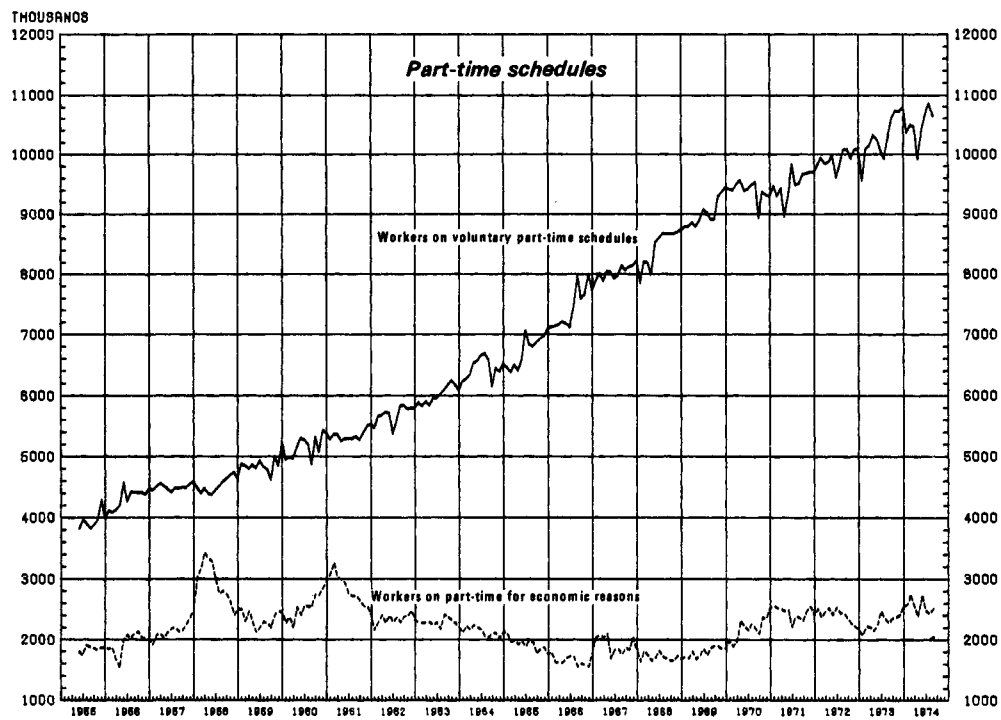
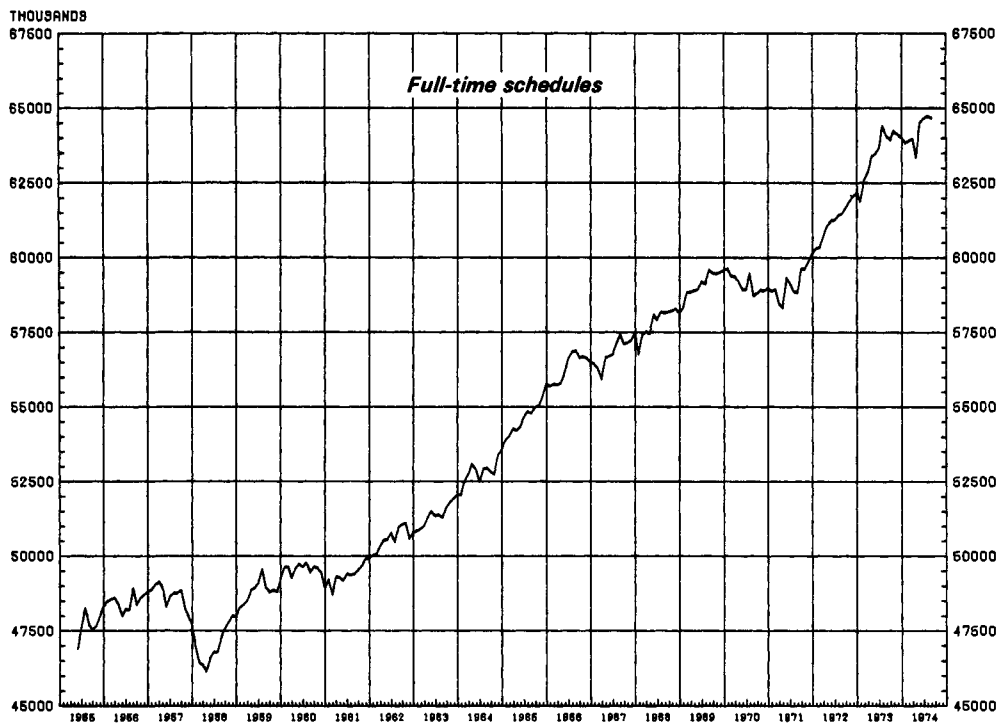


**Chart 5. Total employment by age and sex**  
(Seasonally adjusted)



SOURCE: Table A-31.

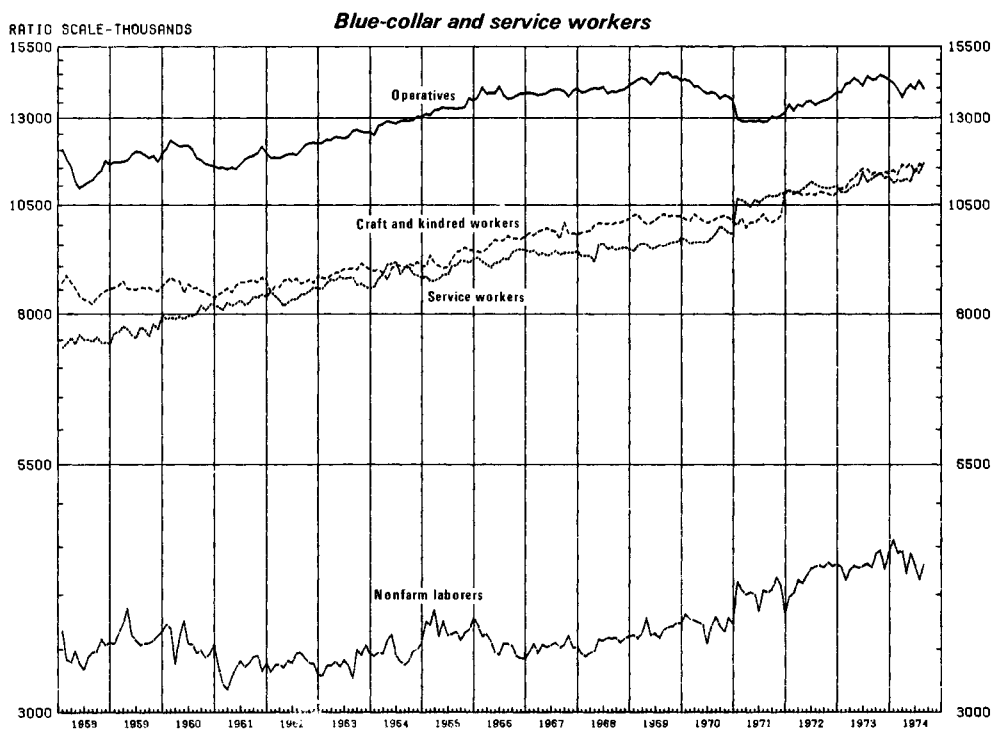
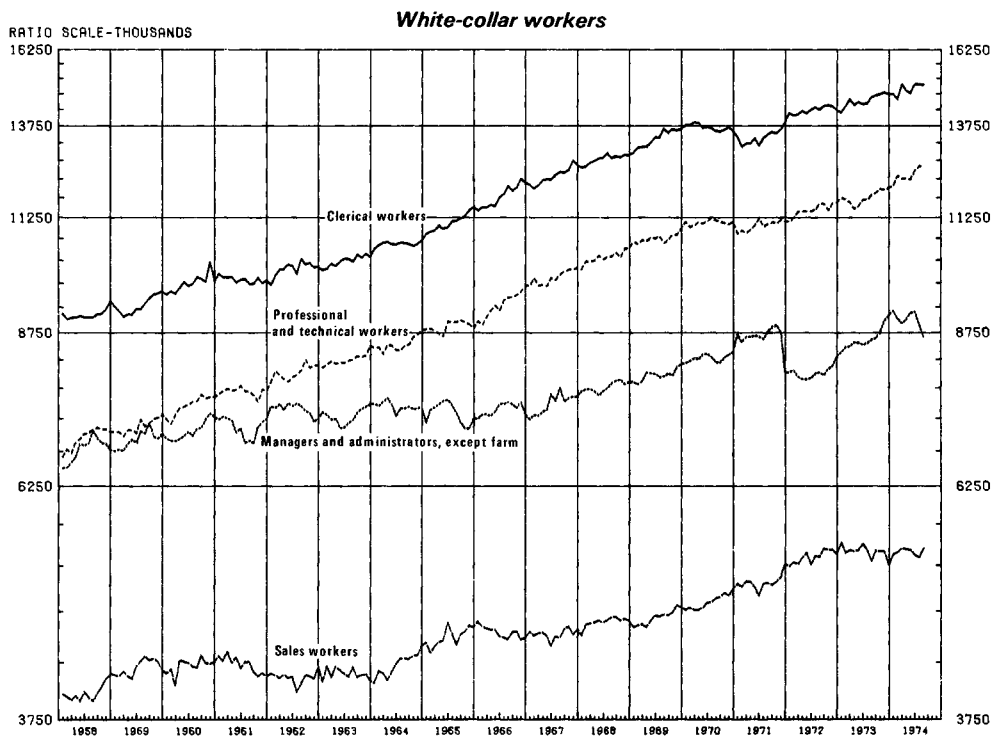
**Chart 6. Persons at work full and part time  
in nonagricultural industries  
(Seasonally adjusted)**



SOURCE: Table A-31.

### Chart 7. Employment in nonfarm occupations

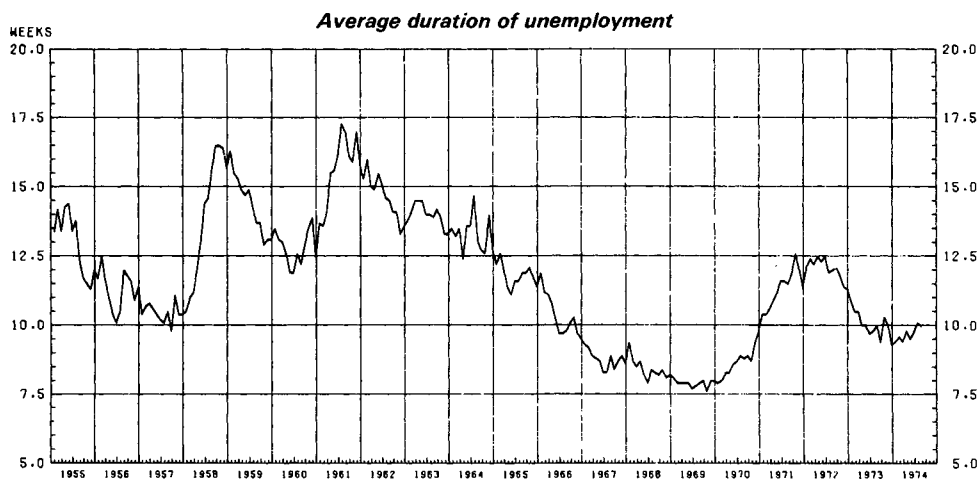
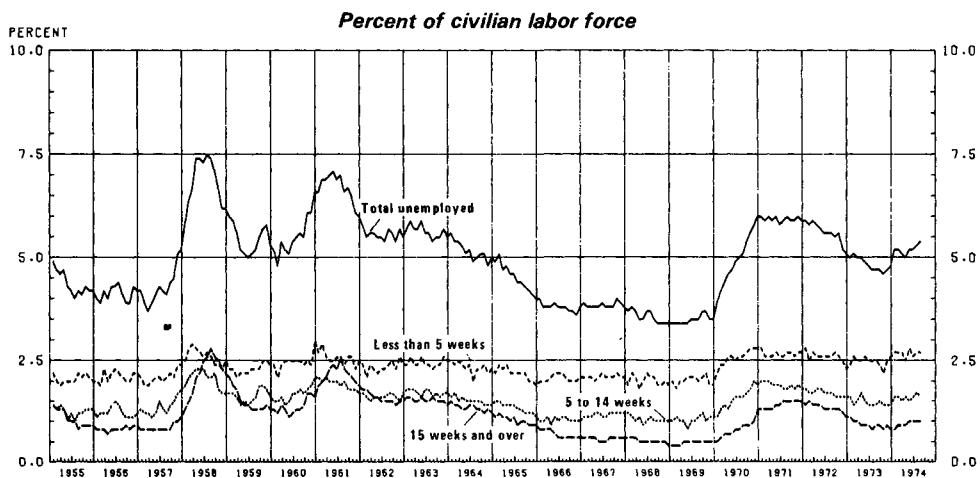
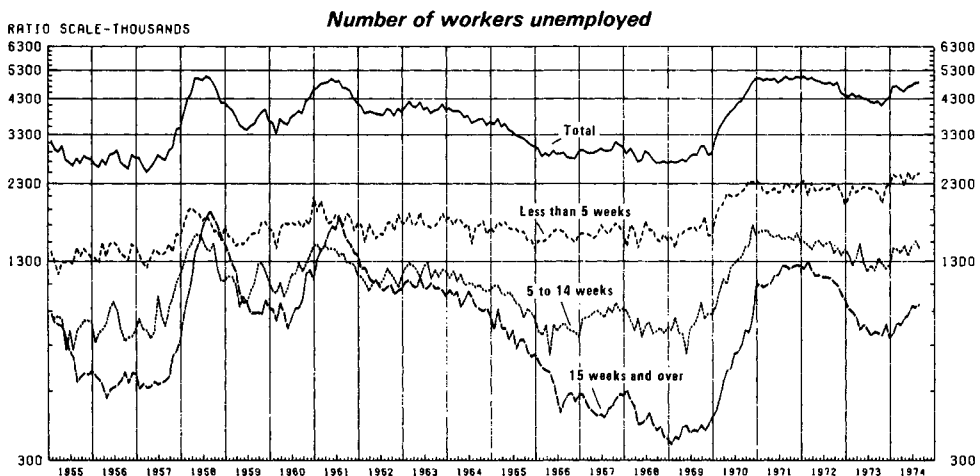
(Seasonally adjusted)



NOTE: Two breaks in series occurred in 1971 stemming from the reclassification of occupations introduced in January and from a questionnaire change concerning "major activity" introduced in December. See "Changes in occupational classification system" in the Explanatory Notes.

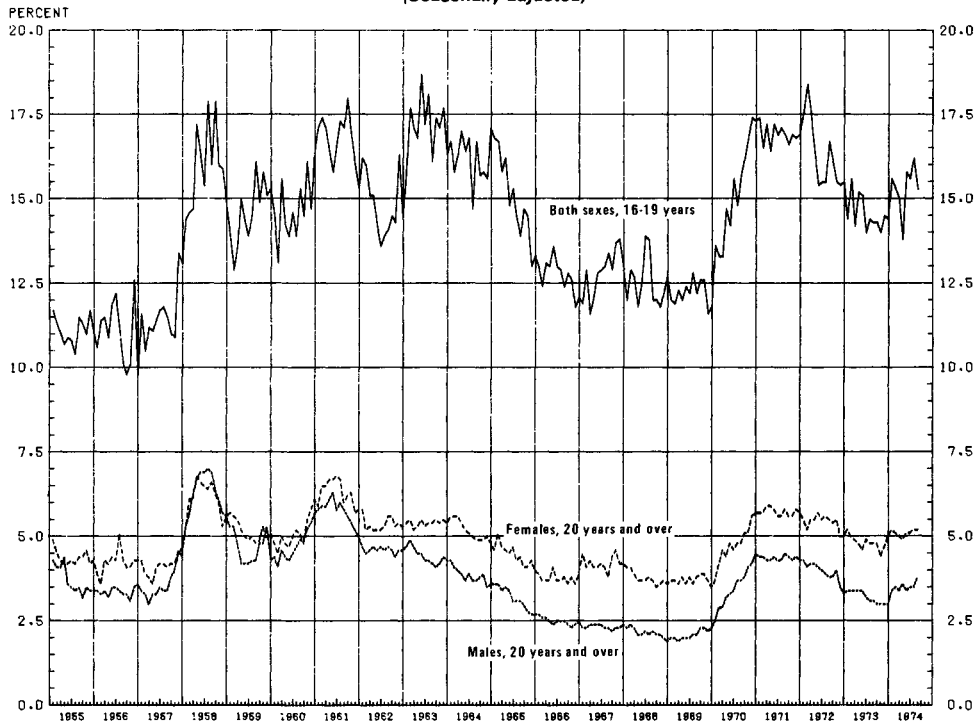
SOURCE: Table A-39.

**Chart 8. Duration of unemployment**  
(Seasonally adjusted)



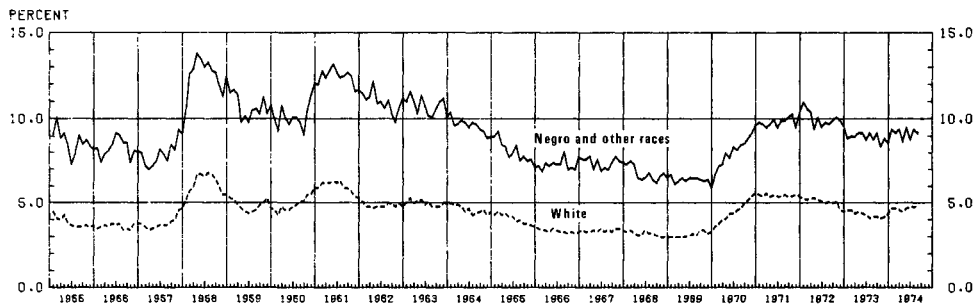
SOURCE: Table A-34

**Chart 9. Unemployment rates by age and sex**  
(Seasonally adjusted)

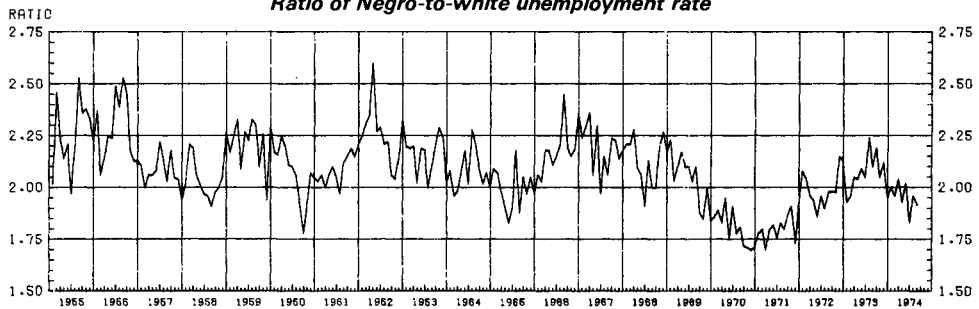


SOURCE: Table A-35.

**Chart 10. Unemployment rates by color**  
(Seasonally adjusted)

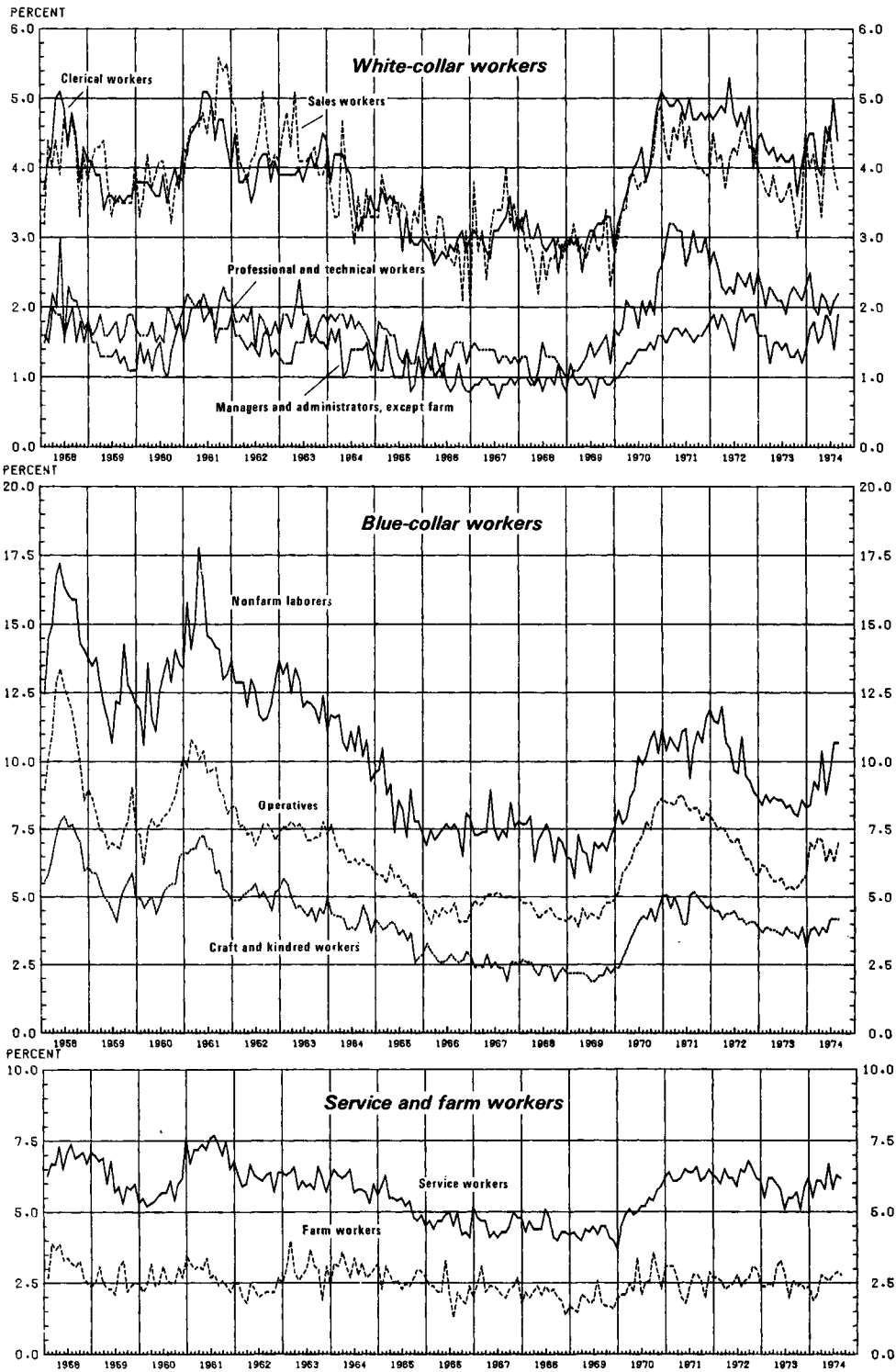


**Ratio of Negro-to-white unemployment rate**



SOURCE: Table A-33.

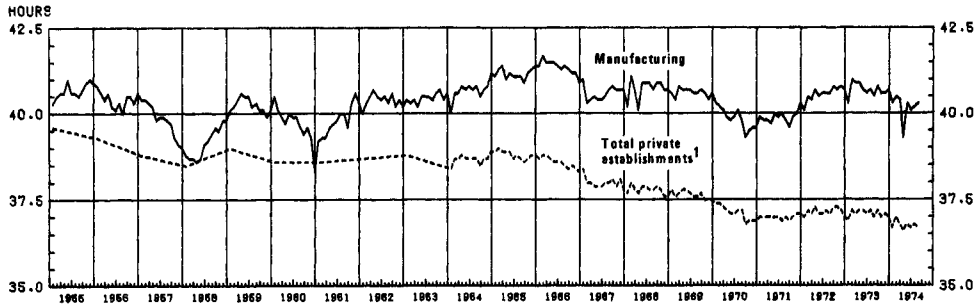
**Chart 11. Unemployment rates by major occupational groups**  
(Seasonally adjusted)



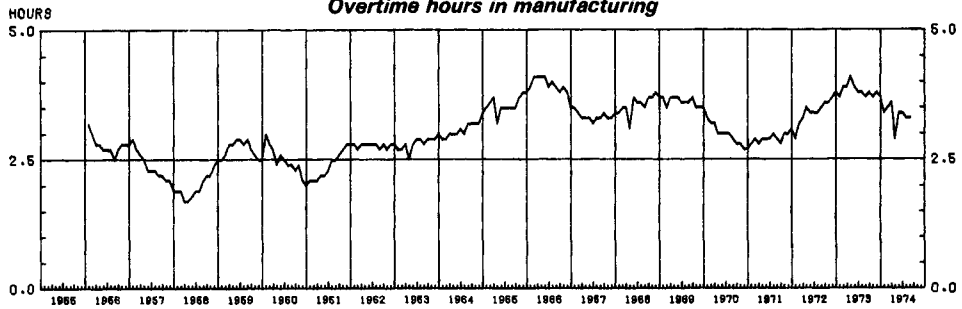
SOURCE: Table A-35.

**Chart 12. Average weekly hours in nonagricultural industries**

*(Seasonally adjusted)*



**Overtime hours in manufacturing**



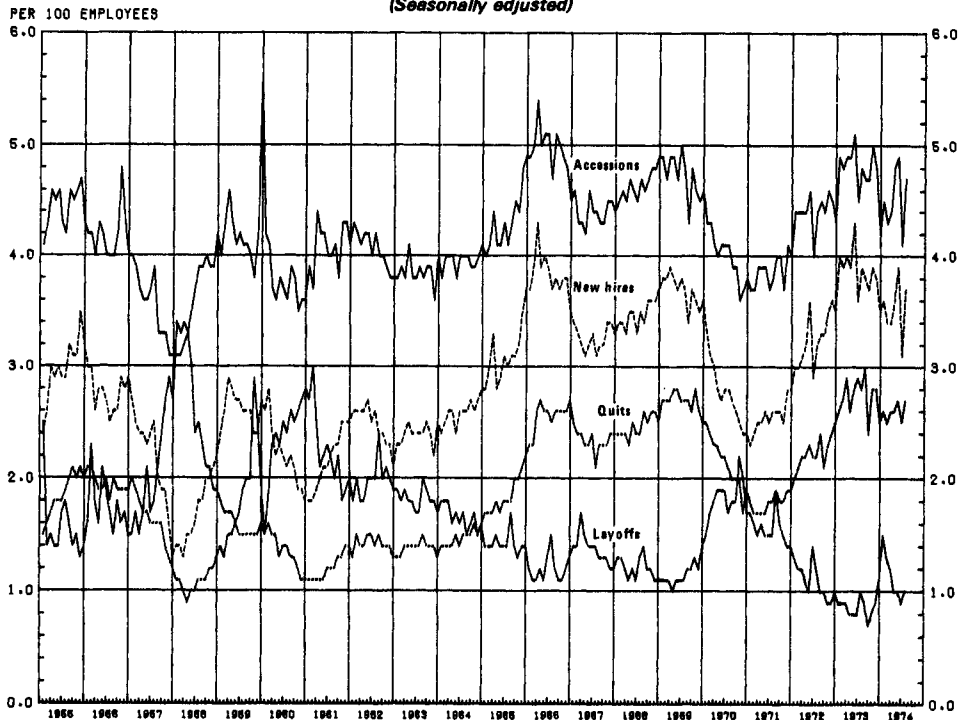
<sup>1</sup> Annual averages prior to 1964.

NOTE: Data for two most recent months are preliminary.

SOURCE: Table C-7.

**Chart 13. Labor turnover rates in manufacturing**

*(Seasonally adjusted)*

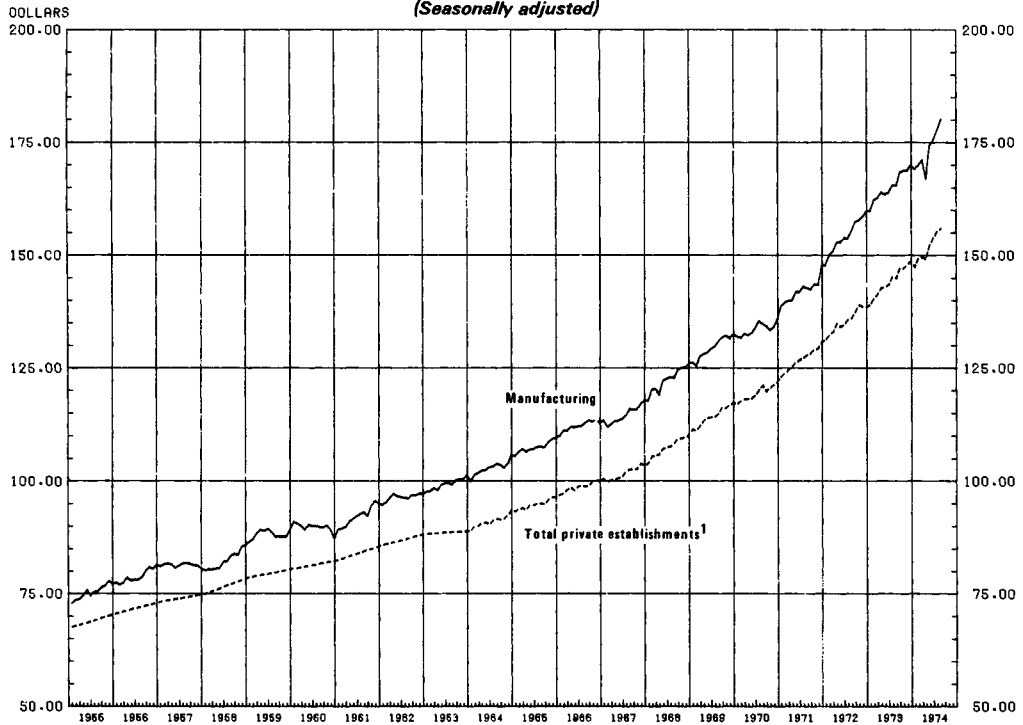


NOTE: Data for current month are preliminary.

SOURCE: Table D-3.

**Chart 14. Average weekly earnings in nonagricultural industries**

*(Seasonally adjusted)*



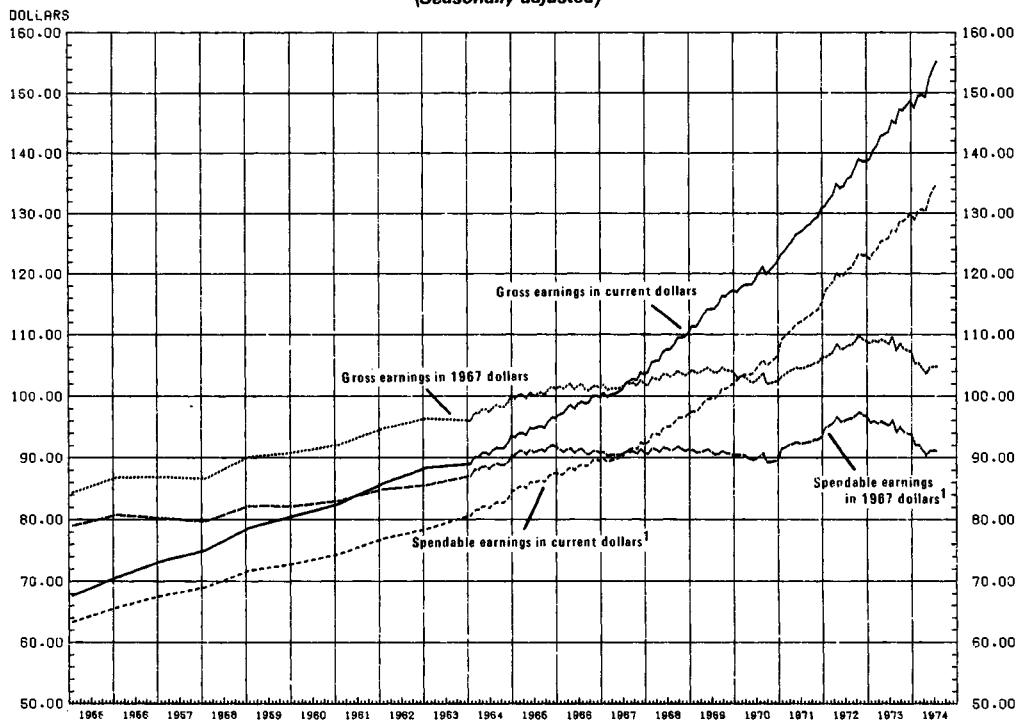
<sup>1</sup> Annual averages prior to 1964.

NOTE: Data for two most recent months are preliminary.

SOURCE: Table C-7 and C-17.

**Chart 15. Total private gross and spendable weekly earnings**

*(Seasonally adjusted)*



<sup>1</sup> Worker with three dependents

NOTE: Data prior to 1964 are annual averages. Data for current month are preliminary.

SOURCE: Table C-17.



## 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		Percent of labor force		
					Total	Agri- culture	Nonagri- cultural indus- tries	Number	Percent of labor force			
									Not season- ally adjusted			Season- ally 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 <sup>2</sup> .....	108,823	65,730	60.4	62,138	60,254	6,501	53,753	1,883	3.0	-	43,093	
1953 <sup>2</sup> .....	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 <sup>2</sup> .....	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 <sup>2</sup> .....	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 <sup>2</sup> .....	145,775	88,991	61.0	86,542	81,702	3,472	78,230	4,840	5.6	-	56,785	
1973 <sup>2</sup> .....	148,263	91,040	61.4	88,714	84,409	3,452	80,957	4,304	4.9	-	57,222	
August.....	148,565	92,436	62.2	90,129	85,921	3,826	82,095	4,208	4.7	4.7	56,129	
December.....	149,436	91,983	61.6	89,701	85,643	3,202	82,441	4,058	4.5	4.8	57,453	
1974: January.....	149,656	91,354	61.0	89,096	84,088	3,197	80,891	5,008	5.6	5.2	58,303	
February.....	149,857	91,692	61.2	89,434	84,294	3,283	81,011	5,140	5.7	5.2	58,165	
March.....	150,066	91,884	61.2	89,633	84,878	3,334	81,544	4,755	5.3	5.1	58,183	
April.....	150,283	91,736	61.0	89,493	85,192	3,437	81,756	4,301	4.8	5.0	58,547	
May.....	150,507	92,158	61.2	89,929	85,785	3,604	82,181	4,144	4.6	5.2	58,349	
June.....	150,710	94,758	62.9	92,546	87,167	3,895	83,272	5,380	5.8	5.2	55,952	
July.....	150,922	95,496	63.3	93,276	88,015	4,024	83,991	5,260	5.6	5.3	55,426	
August.....	151,135	94,679	62.6	92,459	87,575	3,851	83,724	4,885	5.3	5.4	56,456	

<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.

# HOUSEHOLD DATA

## 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 <sup>1</sup>	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 <sup>1</sup>	69,864	55,671	79.7	53,265	50,630	2,839	47,791	2,635	4.9	-	14,193
1973 <sup>1</sup>	71,020	56,479	79.5	54,203	51,963	2,833	49,130	2,240	4.1	-	14,541
August	71,158	57,777	81.2	55,521	53,486	3,072	50,414	2,035	3.7	4.0	13,380
December	71,596	56,537	79.0	54,315	52,125	2,686	49,438	2,191	4.0	4.0	15,059
1974:	71,701	56,485	78.8	54,286	51,523	2,696	48,827	2,764	5.1	4.4	15,216
January	71,794	56,475	78.7	54,276	51,376	2,760	48,617	2,899	5.3	4.5	15,320
February	71,891	56,499	78.6	54,312	51,678	2,797	48,881	2,634	4.8	4.4	15,392
March	71,993	56,507	78.5	54,327	51,927	2,887	49,040	2,401	4.4	4.5	15,486
April	72,097	56,833	78.8	54,666	52,519	2,965	49,554	2,147	3.9	4.4	15,265
May	72,191	58,694	81.3	56,545	53,789	3,161	50,627	2,756	4.9	4.6	13,497
June	72,290	59,035	81.7	56,877	54,241	3,208	51,033	2,637	4.6	4.6	13,255
July	72,389	58,635	81.0	56,484	54,043	3,165	50,878	2,441	4.3	4.7	13,754
<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 <sup>1</sup>	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 <sup>1</sup>	75,911	33,320	43.9	33,277	31,072	633	30,439	2,205	6.6	-	42,591
1973 <sup>1</sup>	77,242	34,561	44.7	34,510	32,446	619	31,827	2,064	6.0	-	42,681
August	76,069	33,508	44.0	33,464	31,044	802	30,242	2,420	7.2	6.9	42,561
December	77,840	35,446	45.5	35,386	33,519	516	33,003	1,868	5.3	6.2	42,394
1974:	77,955	34,869	44.7	34,809	32,565	501	32,064	2,244	6.4	6.6	43,087
January	78,063	35,218	45.1	35,158	32,918	523	32,395	2,241	6.4	6.4	42,846
February	78,175	35,384	45.3	35,321	33,200	537	32,662	2,121	6.0	6.2	42,791
March	78,290	35,229	45.0	35,165	33,265	549	32,716	1,900	5.4	5.9	43,062
April	78,409	35,326	45.1	35,263	33,267	639	32,628	1,996	5.7	6.4	43,084
May	78,519	36,064	45.9	36,002	33,378	734	32,644	2,623	7.3	6.3	42,455
June	78,632	36,461	46.4	36,398	33,775	816	32,959	2,624	7.2	6.5	42,171
July	78,746	36,044	45.8	35,975	33,532	686	32,846	2,443	6.8	6.3	42,703

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

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

August 1974  
(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 .....	58,635	81.0	56,484	54,043	2,441	4.3	13,754	307	655	1,953	10,839
16 to 21 years .....	9,525	77.4	8,719	7,735	984	11.3	2,776	53	397	52	2,274
16 to 19 years .....	5,994	72.0	5,634	4,959	675	12.0	2,331	39	277	34	1,981
16 and 17 years .....	2,588	61.1	2,551	2,198	353	13.9	1,648	26	158	17	1,448
18 and 19 years .....	3,406	83.3	3,083	2,761	322	10.4	683	14	119	17	533
20 to 64 years .....	50,680	91.4	48,888	47,196	1,692	3.5	4,791	130	377	1,375	2,909
20 to 24 years .....	8,465	90.9	7,617	6,991	627	8.2	847	24	262	40	521
25 to 54 years .....	35,195	95.0	34,253	33,365	888	2.6	1,867	67	113	724	963
25 to 29 years .....	7,664	95.8	7,302	7,021	281	3.8	338	18	76	58	185
30 to 34 years .....	6,460	97.3	6,222	6,030	192	3.1	179	4	14	53	107
35 to 39 years .....	5,357	96.7	5,152	5,034	118	2.3	184	13	8	78	85
40 to 44 years .....	5,261	95.6	5,166	5,065	101	2.0	240	8	10	104	118
45 to 49 years .....	5,316	93.5	5,286	5,174	112	2.1	368	13	6	175	174
50 to 54 years .....	5,136	90.2	5,126	5,042	84	1.6	558	9	--	256	294
55 to 64 years .....	7,020	77.2	7,018	6,841	177	2.5	2,078	40	2	610	1,426
55 to 59 years .....	4,120	84.8	4,118	4,027	91	2.2	741	16	2	299	425
60 to 64 years .....	2,900	68.5	2,900	2,814	86	3.0	1,336	24	--	311	1,001
65 years and over .....	1,962	22.8	1,962	1,888	74	3.8	6,632	137	1	545	5,949
65 to 69 years .....	1,133	33.4	1,133	1,081	52	4.6	2,262	33	1	172	2,056
70 years and over .....	829	16.0	829	807	22	2.7	4,370	104	--	373	3,893
<b>White</b>											
16 years and over .....	52,441	81.6	50,617	48,672	1,945	3.8	11,816	252	536	1,565	9,464
16 to 21 years .....	8,343	78.9	7,674	6,935	738	9.6	2,234	38	327	41	1,828
16 to 19 years .....	5,259	73.8	4,961	4,461	500	10.1	1,871	29	221	26	1,595
16 and 17 years .....	2,297	63.6	2,265	1,998	267	11.8	1,317	21	118	14	1,165
18 and 19 years .....	2,962	84.2	2,696	2,463	233	8.6	554	8	103	13	430
20 to 64 years .....	45,369	91.9	43,843	42,459	1,384	3.2	3,975	97	314	1,097	2,466
20 to 24 years .....	7,418	91.5	6,709	6,220	489	7.3	691	15	229	31	416
25 to 54 years .....	31,517	95.6	30,702	29,960	742	2.4	1,466	47	84	570	764
25 to 34 years .....	12,570	96.8	12,053	11,669	384	3.2	410	13	70	92	234
35 to 44 years .....	9,478	96.8	9,218	9,023	194	2.1	313	13	13	136	151
45 to 54 years .....	9,469	92.7	9,431	9,268	163	1.7	743	21	1	342	378
55 to 64 years .....	6,434	78.0	6,432	6,279	153	2.4	1,817	35	2	495	1,286
55 to 59 years .....	3,786	85.6	3,784	3,704	80	2.1	636	16	1	243	376
60 to 64 years .....	2,648	69.2	2,648	2,575	73	2.7	1,181	20	--	252	910
65 years and over .....	1,813	23.3	1,813	1,752	61	3.4	5,971	126	1	442	5,403
<b>Negro and other races</b>											
16 years and over .....	6,194	76.2	5,867	5,370	496	8.5	1,937	55	119	388	1,376
16 to 21 years .....	1,182	68.6	1,045	799	246	23.5	542	15	70	11	446
16 to 19 years .....	734	61.5	673	498	175	26.0	460	11	56	8	386
16 and 17 years .....	291	46.7	286	200	86	30.2	331	5	40	3	283
18 and 19 years .....	444	77.5	387	298	89	22.9	129	6	16	5	103
20 to 64 years .....	5,311	86.7	5,045	4,737	308	6.1	817	33	63	278	444
20 to 24 years .....	1,047	87.1	908	771	137	15.1	156	9	34	9	104
25 to 54 years .....	3,679	90.2	3,551	3,404	147	4.1	401	20	29	154	198
25 to 34 years .....	1,554	93.5	1,471	1,381	90	6.1	107	9	21	19	58
35 to 44 years .....	1,141	91.1	1,100	1,075	25	2.2	111	9	4	46	52
45 to 54 years .....	983	84.3	980	948	32	3.3	183	2	4	88	89
55 to 64 years .....	586	69.2	586	561	24	4.2	260	5	--	115	140
55 to 59 years .....	334	76.0	334	323	11	3.4	105	--	--	56	49
60 to 64 years .....	252	61.9	252	239	13	5.2	155	4	--	59	91
65 years and over .....	149	18.4	149	136	13	8.7	660	11	--	103	546

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

August 1974  
(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 .....	36,044	45.8	35,975	33,532	2,443	6.8	42,703	35,633	754	1,182	5,134
16 to 21 years .....	7,121	59.1	7,087	6,155	932	13.2	4,931	2,073	532	37	2,289
16 to 19 years .....	4,494	55.2	4,478	3,860	618	13.8	3,651	1,205	377	27	2,042
16 and 17 years .....	1,931	47.0	1,931	1,678	253	13.1	2,174	484	192	9	1,489
18 and 19 years .....	2,562	63.4	2,547	2,182	365	14.3	1,477	721	185	17	553
20 to 64 years .....	30,576	52.4	30,523	28,732	1,791	5.9	27,816	25,135	378	495	1,808
20 to 24 years .....	6,127	65.8	6,090	5,436	655	10.8	3,184	2,520	253	27	385
25 to 54 years .....	20,347	52.4	20,331	19,326	1,004	4.9	18,514	17,104	119	265	1,026
25 to 29 years .....	4,334	53.1	4,324	4,057	267	6.2	3,822	3,573	49	25	175
30 to 34 years .....	3,271	47.8	3,268	3,042	226	6.9	3,578	3,333	30	26	189
35 to 39 years .....	3,057	52.4	3,055	2,882	173	5.7	2,781	2,579	13	35	155
40 to 44 years .....	3,125	54.1	3,123	2,994	129	4.1	2,654	2,456	16	37	145
45 to 49 years .....	3,311	54.5	3,310	3,200	110	3.3	2,759	2,520	6	54	180
50 to 54 years .....	3,250	52.7	3,250	3,151	99	3.1	2,918	2,643	6	88	182
55 to 64 years .....	4,103	40.1	4,103	3,971	132	3.2	6,118	5,512	5	204	397
55 to 59 years .....	2,528	47.2	2,528	2,447	81	3.2	2,830	2,589	4	95	142
60 to 64 years .....	1,575	32.4	1,575	1,524	51	3.2	3,288	2,923	1	108	255
65 years and over .....	974	8.0	974	940	34	3.5	11,236	9,292	--	660	1,284
65 to 69 years .....	605	14.1	605	580	25	4.2	3,691	3,239	--	120	334
70 years and over .....	368	4.7	368	360	9	2.3	7,545	6,053	2	540	950
<b>White</b>											
16 years and over .....	31,299	45.2	31,241	29,277	1,964	6.3	37,961	32,015	594	908	4,446
16 to 21 years .....	6,262	60.9	6,233	5,529	704	11.3	4,014	1,696	427	27	1,864
16 to 19 years .....	3,977	57.4	3,964	3,480	484	12.2	2,949	955	307	21	1,666
16 and 17 years .....	1,712	49.1	1,712	1,505	206	12.1	1,771	383	155	8	1,225
18 and 19 years .....	2,265	65.8	2,252	1,974	277	12.3	1,178	571	152	13	441
20 to 64 years .....	26,436	51.6	26,392	24,945	1,446	5.5	24,752	22,496	285	371	1,599
20 to 24 years .....	5,279	66.2	5,249	4,753	497	9.5	2,700	2,172	199	18	310
25 to 54 years .....	17,453	51.4	17,439	16,610	828	4.7	16,524	15,304	84	201	936
25 to 29 years .....	6,401	49.2	6,390	5,993	397	6.2	6,614	6,196	60	42	317
30 to 34 years .....	5,252	52.1	5,249	5,001	248	4.7	4,829	4,487	14	50	278
35 to 44 years .....	5,801	53.3	5,800	5,616	183	3.2	5,080	4,621	10	108	341
55 to 64 years .....	3,703	40.1	3,703	3,582	121	3.3	5,528	5,020	2	153	352
55 to 59 years .....	2,273	46.9	2,273	2,200	73	3.2	2,575	2,372	1	74	127
60 to 64 years .....	1,430	32.6	1,430	1,382	48	3.4	2,953	2,647	1	79	226
65 years and over .....	886	8.0	886	852	35	3.9	10,260	8,564	1	515	1,180
<b>Negro and other races</b>											
16 years and over .....	4,745	50.0	4,734	4,255	479	10.1	4,741	3,618	161	274	689
16 to 21 years .....	860	48.4	854	626	228	26.7	917	377	105	10	426
16 to 19 years .....	517	42.4	515	380	135	26.2	701	251	69	5	376
16 and 17 years .....	219	35.2	219	173	47	21.3	403	101	37	1	264
18 and 19 years .....	298	49.9	295	207	88	29.8	298	149	33	4	112
20 to 64 years .....	4,141	57.5	4,133	3,788	344	8.3	3,064	2,639	91	124	209
20 to 24 years .....	847	63.6	841	683	158	18.8	485	347	54	9	75
25 to 54 years .....	2,893	59.3	2,891	2,716	175	6.1	1,989	1,800	35	64	90
25 to 29 years .....	1,203	60.5	1,202	1,106	96	8.0	785	710	19	10	47
30 to 34 years .....	929	60.5	929	875	54	5.8	606	548	15	22	22
35 to 44 years .....	761	56.0	760	735	26	3.4	597	542	2	33	21
55 to 64 years .....	400	40.4	400	389	12	2.9	590	492	2	50	45
55 to 59 years .....	256	50.0	256	247	9	3.4	256	216	3	21	15
60 to 64 years .....	145	30.2	145	142	3	2.0	334	276	--	29	30
65 years and over .....	87	8.2	87	88	--	--	976	728	--	145	104

## 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	
	Aug. 1973	Aug. 1974	Aug. 1973	Aug. 1974	Aug. 1973	Aug. 1974	Aug. 1973	Aug. 1974
<b>MALE</b>								
16 years and over .....	57,777	58,635	81.2	81.0	55,521	56,484	80.6	80.4
16 to 19 years .....	5,883	5,994	71.7	72.0	5,510	5,634	70.4	70.7
16 and 17 years .....	2,584	2,588	62.0	61.1	2,543	2,551	61.6	60.8
18 and 19 years .....	3,299	3,406	81.9	83.3	2,967	3,083	80.2	81.9
20 to 24 years .....	8,398	8,465	90.6	90.9	7,472	7,617	89.6	90.0
25 to 54 years .....	34,617	35,195	95.2	95.0	33,661	34,253	95.1	94.8
25 to 34 years .....	13,584	14,125	96.3	96.5	12,963	13,524	96.2	96.3
35 to 44 years .....	19,570	19,619	96.3	96.2	19,258	19,318	96.2	96.0
45 to 54 years .....	10,464	10,452	92.9	91.9	10,420	10,412	92.8	91.8
55 to 64 years .....	6,939	7,020	77.5	77.2	6,937	7,018	77.5	77.2
55 to 59 years .....	4,121	4,120	85.8	84.8	4,119	4,118	85.8	84.7
60 to 64 years .....	2,818	2,900	67.8	68.5	2,818	2,900	67.8	68.5
65 years and over .....	1,941	1,962	23.1	22.8	1,940	1,962	23.1	22.8
<b>White</b>								
16 years and over .....	51,703	52,441	81.7	81.6	49,759	50,617	81.1	81.1
16 to 19 years .....	5,179	5,239	73.5	73.8	4,865	4,961	72.3	72.6
16 and 17 years .....	2,294	2,297	64.2	63.6	2,259	2,265	63.8	63.2
18 and 19 years .....	2,885	2,962	83.2	84.2	2,607	2,696	81.7	82.9
20 to 24 years .....	7,359	7,418	91.3	91.5	6,564	6,709	90.4	90.7
25 to 54 years .....	31,025	31,517	95.7	95.6	30,194	30,702	95.6	95.4
25 to 34 years .....	12,109	12,370	96.8	96.8	11,588	12,053	96.7	96.7
35 to 44 years .....	9,448	9,478	96.9	96.6	9,178	9,218	96.8	96.7
45 to 54 years .....	9,469	9,469	93.3	92.7	9,428	9,431	93.3	92.7
55 to 64 years .....	6,384	6,434	78.3	78.0	6,381	6,432	78.3	78.0
55 to 59 years .....	3,813	3,786	87.1	85.6	3,811	3,784	87.1	85.6
60 to 64 years .....	2,576	2,648	68.2	69.2	2,570	2,648	68.2	69.1
65 years and over .....	1,750	1,813	23.1	23.3	1,750	1,813	23.1	23.3
<b>Negro and other races</b>								
16 years and over .....	6,074	6,194	77.0	76.2	5,761	5,867	76.0	75.2
16 to 19 years .....	703	734	60.8	61.5	645	673	58.7	59.4
16 and 17 years .....	290	291	48.7	46.7	284	286	48.2	46.3
18 and 19 years .....	414	444	73.7	77.5	361	367	70.9	75.0
20 to 24 years .....	1,038	1,047	85.8	87.1	909	908	84.1	85.4
25 to 54 years .....	3,592	3,679	91.1	90.2	3,467	3,551	90.9	89.9
25 to 34 years .....	1,476	1,534	92.6	93.5	1,396	1,471	92.2	93.2
35 to 44 years .....	1,122	1,141	91.2	91.1	1,081	1,100	90.9	90.8
45 to 54 years .....	995	983	89.1	84.3	991	980	89.1	84.3
55 to 64 years .....	555	586	68.7	69.2	555	586	68.7	69.2
55 to 59 years .....	308	334	72.5	76.0	308	334	72.5	76.0
60 to 64 years .....	247	252	64.6	61.9	247	252	64.6	61.9
65 years and over .....	185	149	23.9	18.4	185	149	23.9	18.4

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	
	Aug. 1973	Aug. 1974	Aug. 1973	Aug. 1974	Aug. 1973	Aug. 1974	Aug. 1973	Aug. 1974
<b>FEMALE</b>								
16 years and over .....	34,659	36,044	44.8	45.8	34,608	35,975	44.7	45.7
16 to 19 years .....	4,351	4,494	54.5	55.2	4,340	4,478	54.5	55.1
16 and 17 years .....	1,871	1,931	46.2	47.0	1,871	1,931	46.2	47.0
18 and 19 years .....	2,480	2,562	63.1*	63.4	2,468	2,547	63.0	63.3
20 to 24 years .....	5,769	6,127	62.7	65.8	5,744	6,090	62.6	65.7
25 to 34 years .....	19,331	20,347	50.7	52.4	19,317	20,331	50.6	52.3
25 to 34 years .....	6,968	7,604	48.3	50.7	6,960	7,592	48.3	50.6
35 to 44 years .....	5,917	6,181	51.3	53.2	5,914	6,178	51.3	53.2
45 to 54 years .....	6,445	6,561	52.7	53.6	6,444	6,560	52.7	53.6
55 to 64 years .....	4,144	4,103	40.7	40.1	4,145	4,103	40.7	40.1
55 to 59 years .....	2,554	2,528	47.8	47.2	2,554	2,528	47.8	47.2
60 to 64 years .....	1,590	1,575	32.9	32.4	1,590	1,575	32.9	32.4
65 years and over .....	1,064	974	8.9	8.0	1,064	974	8.9	8.0
<b>White</b>								
16 years and over .....	30,038	31,299	44.0	45.2	29,995	31,241	44.0	45.1
16 to 19 years .....	3,821	3,977	56.2	57.4	3,812	3,964	56.2	57.3
16 and 17 years .....	1,644	1,712	47.7	49.1	1,644	1,712	47.7	49.1
18 and 19 years .....	2,177	2,265	65.0	65.8	2,168	2,252	64.9	65.6
20 to 24 years .....	4,996	5,279	63.1	66.2	4,973	5,249	63.0	66.0
25 to 34 years .....	16,568	17,453	49.5	51.4	16,556	17,439	49.5	51.3
25 to 34 years .....	5,830	6,401	46.5	49.2	5,821	6,390	46.4	49.1
35 to 44 years .....	5,039	5,252	50.3	52.1	5,036	5,249	50.3	52.1
45 to 54 years .....	5,699	5,801	52.4	53.3	5,698	5,800	52.4	53.3
55 to 64 years .....	3,695	3,703	40.1	40.1	3,695	3,703	40.1	40.1
55 to 59 years .....	2,283	2,273	47.2	46.9	2,283	2,273	47.2	46.9
60 to 64 years .....	1,411	1,430	32.3	32.6	1,411	1,430	32.3	32.6
65 years and over .....	959	886	8.8	8.0	959	886	8.8	8.0
<b>Negro and other races</b>								
16 years and over .....	4,621	4,745	50.5	50.0	4,613	4,734	50.4	50.0
16 to 19 years .....	530	517	44.9	42.4	528	515	44.8	42.3
16 and 17 years .....	228	219	37.7	35.2	228	219	37.7	35.2
18 and 19 years .....	302	298	52.5	49.9	301	295	52.4	49.7
20 to 24 years .....	774	847	60.0	63.6	770	841	59.9	63.4
25 to 34 years .....	2,762	2,893	58.7	59.3	2,761	2,891	58.7	59.2
25 to 34 years .....	1,139	1,203	60.9	60.5	1,138	1,202	60.9	60.5
35 to 44 years .....	878	929	58.4	60.5	877	929	58.4	60.5
45 to 54 years .....	746	761	55.9	56.0	746	760	55.9	56.0
55 to 64 years .....	450	400	46.8	40.4	450	400	46.8	40.4
55 to 59 years .....	271	256	53.5	50.0	271	256	53.5	50.0
60 to 64 years .....	179	145	39.3	30.2	179	145	39.3	30.2
65 years and over .....	105	87	10.3	8.2	105	87	10.3	8.2

A- 5: Employment status of persons 16-21 years of age in the noninstitutional population by color and sex

August 1974

(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	24,353	12,301	12,052	20,853	10,577	10,276	3,500	1,724	1,776
Total labor force	16,646	9,525	7,121	14,604	8,343	6,262	2,042	1,182	860
Percent of population	68.4	77.4	59.1	70.0	78.9	60.9	58.3	68.6	48.4
Civilian labor force	15,806	8,719	7,087	13,907	7,674	6,233	1,899	1,045	854
Employed	13,890	7,735	6,155	12,465	6,935	5,529	1,425	799	626
Agriculture	849	697	152	740	619	120	109	78	32
Nonagricultural industries	13,041	7,038	6,003	11,725	6,316	5,409	1,316	721	594
Unemployed	1,916	984	932	1,442	738	704	474	246	228
Percent of labor force	12.1	11.3	13.2	10.4	9.6	11.3	25.0	23.5	26.7
Looking for full-time work	1,381	729	653	1,036	555	481	345	173	172
Looking for part-time work	535	255	279	406	183	223	129	73	56
Not in labor force	7,707	2,776	4,931	6,249	2,234	4,014	1,458	542	917
Major activity: going to school									
Civilian labor force	132	63	68	108	47	60	24	16	8
Employed	82	42	40	75	35	40	6	6	--
Agriculture	5	5	--	4	4	--	1	1	--
Nonagricultural industries	77	37	39	71	31	40	6	6	--
Unemployed	50	22	29	32	12	20	18	10	8
Percent of labor force	38.1	(1)	(1)	30.0	(1)	(1)	(1)	(1)	(1)
Looking for full-time work	11	7	4	5	4	1	6	3	2
Looking for part-time work	39	14	25	27	8	19	12	6	6
Not in labor force	929	397	532	754	327	427	175	70	105
Major activity: other									
Civilian labor force	15,674	8,655	7,019	13,799	7,626	6,173	1,875	1,029	846
Employed	13,808	7,693	6,115	12,389	6,900	5,489	1,419	793	626
Agriculture	844	693	152	735	615	120	109	77	32
Nonagricultural industries	12,964	7,000	5,964	11,654	6,285	5,369	1,310	716	594
Unemployed	1,866	962	904	1,410	726	683	456	236	220
Percent of labor force	11.9	11.1	12.9	10.2	9.5	11.1	24.3	22.9	26.0
Looking for full-time work	1,370	721	649	1,031	551	479	340	170	170
Looking for part-time work	496	241	254	379	175	204	117	66	50
Not in labor force	6,778	2,379	4,399	5,494	1,907	3,587	1,283	472	812

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

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	
	August 1973	August 1974	August 1973	August 1974	August 1973	August 1974	August 1973	August 1974
<b>Total</b>								
Total noninstitutional population	148,565	151,135	62,957	64,064	69,431	70,602	16,178	16,469
Total labor force	92,436	94,679	51,894	52,642	30,308	31,550	10,234	10,487
Percent of population	62.2	62.6	82.4	82.2	43.7	44.7	63.3	63.7
Civilian labor force	90,129	92,459	50,011	50,850	30,268	31,497	9,850	10,112
Employed	85,920	87,575	48,584	49,084	28,660	29,672	8,676	8,819
Agriculture	3,825	3,851	2,596	2,634	627	570	602	646
Nonagricultural industries	82,095	83,724	45,988	46,450	28,033	29,102	8,074	8,172
Unemployed	4,209	4,885	1,427	1,766	1,608	1,825	1,174	1,294
Percent of labor force	4.7	5.3	2.9	3.5	5.3	5.8	11.9	12.8
Not in labor force	56,129	56,456	11,063	11,423	39,123	39,052	5,944	5,982
<b>White</b>								
Total noninstitutional population	131,518	133,518	56,224	57,127	61,452	62,334	13,841	14,056
Total labor force	81,741	83,740	46,524	47,182	26,218	27,322	9,000	9,236
Percent of population	62.2	62.7	82.7	82.6	42.7	43.8	65.0	65.7
Civilian labor force	79,754	81,858	44,894	45,656	26,183	27,278	8,677	8,925
Employed	76,453	77,949	43,751	44,211	24,908	25,797	7,794	7,941
Agriculture	3,423	3,468	2,332	2,397	555	507	536	565
Nonagricultural industries	73,030	74,481	41,420	41,814	24,333	25,290	7,258	7,376
Unemployed	3,301	3,909	1,143	1,445	1,275	1,481	883	984
Percent of labor force	4.1	4.8	2.5	3.2	4.9	5.4	10.2	11.0
Not in labor force	49,776	49,778	9,701	9,946	35,235	35,012	4,841	4,820
<b>Negro and other races</b>								
Total noninstitutional population	17,048	17,617	6,733	6,937	7,978	8,268	2,337	2,413
Total labor force	10,695	10,939	5,371	5,460	4,091	4,228	1,233	1,251
Percent of population	62.7	62.1	79.8	78.7	51.3	51.1	52.8	51.9
Civilian labor force	10,374	10,601	5,116	5,194	4,085	4,220	1,173	1,187
Employed	9,467	9,626	4,833	4,873	3,752	3,876	882	878
Agriculture	403	383	264	237	72	64	66	82
Nonagricultural industries	9,065	9,243	4,568	4,635	3,680	3,812	816	796
Unemployed	907	975	283	321	333	344	291	310
Percent of labor force	8.7	9.2	5.5	6.2	8.2	8.2	24.8	26.1
Not in labor force	6,353	6,679	1,362	1,477	3,888	4,040	1,103	1,161

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

August 1974  
(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 .....	81,779	74,397	3,511	3,871	4.7	10,680	9,667	1,013	9.5
16 to 21 years .....	12,677	9,844	1,452	1,381	10.9	3,128	2,594	535	17.1
16 to 19 years .....	7,571	5,555	1,158	858	11.3	2,541	2,105	436	17.2
16 to 17 years .....	2,762	1,766	701	295	10.7	1,720	1,409	311	18.1
18 to 19 years .....	4,809	3,789	457	562	11.7	821	696	125	15.2
20 years and over .....	74,208	68,841	2,353	3,014	4.1	8,139	7,561	578	7.1
20 to 24 years .....	12,531	10,846	590	1,095	8.7	1,177	990	186	15.8
25 years and over .....	61,677	57,995	1,763	1,919	3.1	6,962	6,571	392	5.6
25 to 54 years .....	50,152	47,214	1,327	1,611	3.2	4,430	4,149	281	6.3
55 years and over .....	11,524	10,782	436	308	2.7	2,532	2,421	110	4.3
<b>Males, 16 years and over .....</b>	<b>53,265</b>	<b>49,336</b>	<b>1,870</b>	<b>2,060</b>	<b>3.9</b>	<b>3,218</b>	<b>2,837</b>	<b>381</b>	<b>11.8</b>
16 to 21 years .....	7,368	5,844	795	729	9.9	1,351	1,096	255	18.9
16 to 19 years .....	4,478	3,367	659	452	10.1	1,156	933	223	19.3
20 years and over .....	48,787	45,969	1,210	1,608	3.3	2,062	1,904	158	7.7
20 to 24 years .....	7,262	6,395	290	577	7.9	355	306	50	14.0
25 years and over .....	41,525	39,574	920	1,031	2.5	1,707	1,598	108	6.3
25 to 54 years .....	33,729	32,198	682	849	2.5	524	484	39	7.4
55 years and over .....	7,797	7,377	238	183	2.3	1,183	1,114	68	5.7
<b>Females, 16 years and over .....</b>	<b>28,514</b>	<b>25,061</b>	<b>1,642</b>	<b>1,811</b>	<b>6.4</b>	<b>7,462</b>	<b>6,829</b>	<b>632</b>	<b>8.5</b>
16 to 21 years .....	5,310	4,000	657	653	12.3	1,777	1,498	279	15.7
16 to 19 years .....	3,093	2,189	498	406	13.1	1,385	1,172	213	15.4
20 years and over .....	25,421	22,872	1,143	1,405	5.5	6,077	5,657	420	6.9
20 to 24 years .....	5,269	4,450	301	518	9.8	821	685	137	16.6
25 years and over .....	20,152	18,422	842	887	4.4	5,256	4,972	283	5.4
25 to 54 years .....	16,423	15,017	645	762	4.6	3,906	3,665	242	6.2
55 years and over .....	3,727	3,405	197	126	3.4	1,349	1,308	41	3.0
<b>WHITE</b>									
<b>Males, 16 years and over .....</b>	<b>47,801</b>	<b>44,616</b>	<b>1,518</b>	<b>1,668</b>	<b>3.5</b>	<b>2,816</b>	<b>2,539</b>	<b>277</b>	<b>9.9</b>
16 to 21 years .....	6,501	5,289	656	555	8.5	1,172	990	183	15.6
16 to 19 years .....	3,966	3,087	541	339	8.5	995	834	161	16.2
20 years and over .....	43,835	41,529	977	1,329	3.0	1,821	1,705	116	6.4
20 to 24 years .....	6,400	5,700	244	456	7.1	309	276	34	10.9
25 years and over .....	37,435	35,829	733	873	2.3	1,512	1,429	82	5.4
25 to 54 years .....	30,257	28,998	548	712	2.4	445	415	30	6.7
55 years and over .....	7,178	6,832	185	161	2.2	1,067	1,015	53	5.0
<b>Females, 16 years and over .....</b>	<b>24,501</b>	<b>21,801</b>	<b>1,281</b>	<b>1,418</b>	<b>5.8</b>	<b>6,741</b>	<b>6,194</b>	<b>546</b>	<b>8.1</b>
16 to 21 years .....	4,640	3,619	540	481	10.4	1,593	1,370	223	14.0
16 to 19 years .....	2,708	2,000	404	304	11.2	1,256	1,076	180	14.3
20 years and over .....	21,793	19,802	877	1,114	5.1	5,485	5,118	367	6.7
20 to 24 years .....	4,517	3,878	248	390	8.6	733	626	107	14.5
25 years and over .....	17,276	15,924	629	724	4.2	4,752	4,492	260	5.5
25 to 54 years .....	13,902	12,804	488	610	4.4	3,537	3,319	218	6.2
55 years and over .....	3,374	3,119	140	114	3.4	1,216	1,174	42	3.5
<b>NEGRO AND OTHER RACES</b>									
<b>Males, 16 years and over .....</b>	<b>5,464</b>	<b>4,720</b>	<b>352</b>	<b>393</b>	<b>7.2</b>	<b>402</b>	<b>299</b>	<b>104</b>	<b>25.8</b>
16 to 21 years .....	866	555	138	173	20.0	179	106	73	40.6
16 to 19 years .....	512	280	119	113	22.1	161	99	62	38.6
20 years and over .....	4,953	4,440	233	280	5.6	241	200	41	17.2
20 to 24 years .....	862	695	46	121	14.1	46	30	16	(2)
25 years and over .....	4,091	3,745	187	159	3.9	195	170	25	12.8
25 to 54 years .....	3,472	3,200	134	138	4.0	79	70	9	11.4
55 years and over .....	619	545	53	20	3.2	116	99	16	13.8
<b>Females, 16 years and over .....</b>	<b>4,013</b>	<b>3,259</b>	<b>361</b>	<b>393</b>	<b>9.8</b>	<b>721</b>	<b>635</b>	<b>86</b>	<b>12.0</b>
16 to 21 years .....	670	381	117	172	25.7	184	128	56	30.5
16 to 19 years .....	385	189	95	102	26.4	130	96	33	25.6
20 years and over .....	3,628	3,071	266	291	8.0	592	539	53	9.0
20 to 24 years .....	753	572	52	128	17.1	89	58	30	33.9
25 years and over .....	2,875	2,499	214	163	5.7	503	481	23	4.6
25 to 54 years .....	2,522	2,213	158	152	6.0	370	346	24	6.5
55 years and over .....	354	286	57	12	3.4	134	134	--	--

<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	
	Aug. 1973	Aug. 1974	Aug. 1973	Aug. 1974	Aug. 1973	Aug. 1974	Aug. 1973	Aug. 1974
<b>Total, 16 years and over</b> .....	2,035	2,441	3.7	4.3	2,174	2,443	6.3	6.8
16 to 19 years .....	608	675	11.0	12.0	566	618	13.0	13.8
16 and 17 years .....	307	353	12.1	13.9	257	253	14.3	13.1
18 and 19 years .....	301	322	10.1	10.4	298	365	12.1	14.3
20 years and over .....	1,427	1,766	2.9	3.5	1,608	1,825	5.3	5.8
20 to 24 years .....	476	627	6.4	8.2	538	655	9.4	10.8
25 years and over .....	951	1,139	2.2	2.6	1,070	1,170	2.4	2.6
25 to 34 years .....	416	473	3.2	3.5	459	493	6.6	6.5
35 to 44 years .....	161	219	1.6	2.1	248	302	4.2	4.9
45 to 54 years .....	170	196	1.7	1.9	208	209	3.2	3.2
55 to 64 years .....	142	177	2.0	2.5	121	132	2.9	3.2
55 to 59 years .....	77	91	1.9	2.2	81	81	3.2	3.2
60 to 64 years .....	65	86	2.3	3.0	40	51	2.5	3.2
65 years and over .....	61	74	3.1	3.8	35	34	3.3	3.5
<b>Household head, 16 years and over</b> .....	968	1,158	2.2	2.6	389	415	5.2	5.4
16 to 24 years .....	193	215	4.0	5.0	88	94	9.7	9.8
25 to 54 years .....	578	711	1.8	2.2	219	230	5.2	5.0
55 years and over .....	197	232	2.3	2.7	80	90	3.5	4.2

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	
	Aug. 1973	Aug. 1974	Aug. 1973	Aug. 1974	Aug. 1973	Aug. 1974	Aug. 1973	Aug. 1974
<b>Total, 16 years and over</b> .....	2,035	2,441	3.7	4.3	2,174	2,443	6.3	6.8
Married, spouse present .....	766	971	1.9	2.4	1,065	1,176	5.5	5.8
Widowed, divorced, or separated .....	173	191	5.3	5.3	363	404	5.8	6.3
Single (never married) .....	1,096	1,280	8.8	10.0	746	863	8.4	9.4
<b>Total, 20 to 64 years of age</b> .....	1,366	1,692	2.8	3.5	1,573	1,791	5.4	5.9
Married, spouse present .....	700	895	1.8	2.3	980	1,076	5.2	5.5
Widowed, divorced, or separated .....	154	174	5.2	5.3	322	367	5.8	6.3
Single (never married) .....	512	622	7.2	8.4	270	349	5.4	6.8
<b>White, 16 years and over</b> .....	1,619	1,945	3.3	3.8	1,682	1,964	5.6	6.3
Married, spouse present .....	650	830	1.8	2.3	905	1,022	5.2	5.6
Widowed, divorced, or separated .....	131	155	5.1	5.3	246	298	4.9	5.8
Single (never married) .....	838	960	7.7	8.6	530	645	6.9	8.2
<b>White, 20 to 64 years of age</b> .....	1,087	1,384	2.5	3.2	1,246	1,446	4.9	5.5
Married, spouse present .....	591	765	1.7	2.2	844	932	5.1	5.3
Widowed, divorced, or separated .....	111	141	4.7	5.3	216	272	4.9	5.9
Single (never married) .....	385	478	6.3	7.5	185	242	4.4	5.6
<b>Negro and other races, 16 years and over</b> .....	415	496	7.2	8.5	492	479	10.7	10.1
Married, spouse present .....	115	141	3.3	4.0	159	155	7.3	7.1
Widowed, divorced, or separated .....	42	35	6.4	5.2	117	106	9.3	8.3
Single (never married) .....	258	319	16.1	19.1	216	218	18.1	17.0
<b>Negro and other races, 20 to 64 years of age</b> .....	278	308	5.6	6.1	327	344	8.2	8.3
Married, spouse present .....	109	130	3.2	3.8	137	144	6.6	6.8
Widowed, divorced, or separated .....	42	33	7.1	5.2	106	94	9.2	7.8
Single (never married) .....	127	145	13.2	14.5	85	107	11.6	13.0

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

Occupation	Thousands of persons		Unemployment rates					
			Total		Male		Female	
	Aug. 1973	Aug. 1974	Aug. 1973	Aug. 1974	Aug. 1973	Aug. 1974	Aug. 1973	Aug. 1974
<b>TOTAL</b> .....	4,208	4,885	4.7	5.3	3.7	4.3	6.3	6.8
White collar workers .....	1,310	1,451	3.2	3.4	1.7	2.1	4.6	4.6
Professional and technical .....	347	364	3.0	3.0	1.7	2.1	4.9	4.2
Managers and administrators, except farm .....	105	162	1.2	1.8	.8	1.4	2.7	3.3
Sales workers .....	196	198	3.5	3.5	2.3	2.4	5.2	5.0
Clerical workers .....	663	727	4.3	4.6	3.1	3.4	4.7	4.9
Blue collar workers .....	1,495	1,882	4.6	5.7	4.0	5.0	7.1	8.9
Craft and kindred workers .....	375	439	3.1	3.6	3.0	3.5	5.8	5.2
Carpenters and other construction craft .....	176	233	4.4	5.9	4.4	6.0	(1)	(1)
All other .....	199	206	2.5	2.5	2.3	3.0	5.7	5.1
Operatives, except transport .....	668	866	5.5	7.3	4.4	5.8	7.2	9.6
Transport equipment operatives .....	114	136	3.4	3.8	3.4	3.7	3.9	8.1
Nonfarm laborers .....	338	441	6.5	8.3	6.4	8.6	7.8	4.7
Construction laborers .....	102	121	8.7	11.7	8.7	11.7	--	(1)
All other .....	236	320	5.9	7.5	5.6	7.8	8.0	4.2
Service workers .....	645	763	5.4	6.1	5.3	5.2	5.5	6.7
Private household .....	56	47	4.2	3.8	--	(1)	4.3	3.7
All other .....	590	716	5.6	6.4	5.3	5.2	5.8	7.2
Farm workers .....	81	84	2.4	2.5	2.2	2.5	3.2	2.6
No previous work experience .....	678	704	--	--	--	--	--	--
16 to 19 years .....	515	532	--	--	--	--	--	--
20 to 24 years .....	110	113	--	--	--	--	--	--
25 years and over .....	54	58	--	--	--	--	--	--

<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	
	Aug. 1973	Aug. 1974	Aug. 1973	Aug. 1974	Aug. 1973	Aug. 1974	Aug. 1973	Aug. 1974
<b>Total</b> .....	100.0	100.0	4.7	5.3	3.7	4.3	6.3	6.8
Nonagricultural private wage and salary workers .....	69.9	71.8	4.5	5.2	3.6	4.4	5.8	6.5
Mining .....	.3	.3	1.7	2.4	2.0	2.3	--	3.7
Construction .....	6.8	7.5	5.9	7.8	5.8	7.9	7.9	6.0
Manufacturing .....	20.2	23.8	3.9	5.2	2.9	3.9	6.1	8.4
Durable goods .....	10.8	12.7	3.5	4.7	3.0	3.9	5.2	7.2
Primary metal industries .....	1.0	.9	3.1	3.0	2.7	2.9	8.5	3.1
Fabricated metal products .....	1.1	1.3	3.0	4.2	2.7	3.5	4.2	6.6
Machinery .....	1.3	1.4	2.3	2.7	1.7	2.1	5.1	5.6
Electrical equipment .....	1.8	2.0	3.2	4.1	1.9	2.2	5.0	7.0
Motor vehicles and equipment .....	1.2	2.4	3.9	9.0	4.0	9.4	3.8	5.5
All other transportation equipment .....	1.4	.9	5.4	4.8	4.7	3.9	10.4	10.6
Other durable goods industries .....	3.1	3.8	4.1	5.8	3.8	4.7	4.8	8.5
Nondurable goods .....	9.4	11.0	4.5	6.1	2.8	3.7	6.9	9.4
Food and kindred products .....	2.2	2.7	5.1	7.1	3.2	5.0	9.3	12.1
Textile mill products .....	.9	1.4	4.0	6.9	1.7	7.3	6.7	6.4
Apparel and other finished textile products .....	2.2	3.2	6.4	10.8	8.2	9.2	5.9	11.2
Other nondurable goods industries .....	4.0	3.8	3.7	4.0	2.3	2.1	6.9	8.0
Transportation and public utilities .....	3.0	3.3	2.7	3.2	2.2	2.6	4.1	5.1
Railroads and railway express .....	.3	.1	2.1	1.2	1.1	1.1	(1)	3.1
Other transportation .....	2.0	2.0	3.9	4.1	3.6	3.6	5.3	6.6
Communication and other public utilities .....	.7	1.2	1.5	2.7	.8	1.9	2.8	4.4
Wholesale and retail trade .....	21.3	19.4	5.6	5.8	4.6	4.8	7.0	7.0
Finance, insurance, and real estate .....	2.7	2.8	2.6	3.0	.9	2.1	4.1	3.7
Service industries .....	15.6	14.7	4.9	5.1	4.4	4.4	5.1	5.5
Professional services .....	7.0	6.6	4.2	4.3	3.0	2.7	4.7	5.0
All other service industries .....	8.6	8.1	5.6	6.0	5.5	5.7	5.7	6.3
Agricultural wage and salary workers .....	2.3	2.0	6.2	6.0	5.6	6.1	8.6	5.8
All other classes of workers .....	11.8	11.8	2.3	2.6	1.5	1.9	3.4	3.6
No previous work experience .....	16.1	14.4	--	--	--	--	--	--

<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

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	
	Aug. 1973	Aug. 1974	Aug. 1973	Aug. 1974	Aug. 1973	Aug. 1974	Aug. 1973	Aug. 1974	Aug. 1973	Aug. 1974	Aug. 1973	Aug. 1974
<b>Unemployment level</b>												
Total unemployed, in thousands . . . . .	4,208	4,885	1,427	1,766	1,608	1,825	1,174	1,294	3,301	3,909	908	975
Lost last job . . . . .	1,477	1,877	772	1,032	480	599	224	246	1,173	1,557	303	320
Left last job . . . . .	705	843	255	327	287	357	162	159	573	711	132	132
Reentered labor force . . . . .	1,353	1,462	327	352	749	754	277	357	1,060	1,147	294	322
Never worked before . . . . .	674	703	72	55	91	115	511	532	495	511	179	201
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 . . . . .	35.1	38.4	54.1	58.4	29.9	32.8	19.1	19.0	35.6	39.8	33.4	32.8
Left last job . . . . .	16.7	17.3	17.9	18.5	17.9	19.6	13.8	12.3	17.3	18.2	14.5	13.5
Reentered labor force . . . . .	32.2	29.9	22.9	19.9	46.6	41.3	23.6	27.6	32.1	29.2	32.3	33.0
Never worked before . . . . .	16.0	14.4	5.0	3.1	5.7	6.3	41.5	41.2	15.0	12.8	19.7	20.6
<b>Unemployment rate</b>												
Total unemployment rate . . . . .	4.7	5.3	2.9	3.5	5.3	5.8	11.9	12.8	4.1	4.8	8.8	9.2
job-loser rate <sup>1</sup> . . . . .	1.7	2.0	1.6	2.0	1.6	1.9	2.3	2.4	1.4	1.9	2.9	3.0
job-leaver rate <sup>1</sup> . . . . .	.8	.9	.5	.6	.9	1.1	1.6	1.6	.7	.9	1.3	1.2
Reentrant rate <sup>1</sup> . . . . .	1.5	1.6	.7	.7	2.5	2.4	2.8	3.5	1.3	1.4	2.8	3.0
New entrant rate <sup>1</sup> . . . . .	.7	.8	.1	.1	.3	.4	5.2	5.3	.6	.6	1.7	1.9

<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

August 1974  
(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 . . . . .	4,885	100.0	51.2	32.0	16.8	8.9	7.9
Lost last job . . . . .	1,877	100.0	42.5	32.7	24.9	12.3	12.6
Left last job . . . . .	843	100.0	58.7	27.8	13.5	6.4	7.1
Reentered labor force . . . . .	1,462	100.0	59.8	28.3	11.9	7.5	4.4
Never worked before . . . . .	703	100.0	47.4	43.2	9.4	6.0	3.4
Male, 20 years and over . . . . .	1,766	100.0	44.6	31.7	23.7	10.2	13.5
Lost last job . . . . .	1,032	100.0	40.5	33.6	28.8	12.0	16.8
Left last job . . . . .	327	100.0	51.2	32.2	16.6	8.0	8.6
Reentered labor force . . . . .	352	100.0	51.0	32.2	16.8	8.0	8.8
Never worked before . . . . .	55	100.0	(1)	(1)	(1)	(1)	(1)
Female, 20 years and over . . . . .	1,825	100.0	55.5	29.3	15.1	9.0	6.1
Lost last job . . . . .	599	100.0	37.4	39.2	23.3	14.0	9.3
Left last job . . . . .	357	100.0	60.7	26.4	12.9	5.9	7.0
Reentered labor force . . . . .	754	100.0	66.8	23.4	9.8	6.6	3.2
Never worked before . . . . .	115	100.0	61.2	25.0	13.8	6.9	6.9
Both sexes, 16 to 19 years . . . . .	1,294	100.0	54.1	36.3	9.6	7.0	2.6
Lost last job . . . . .	246	100.0	63.0	25.2	11.8	8.5	3.3
Left last job . . . . .	159	100.0	70.0	21.9	8.2	3.8	4.4
Reentered labor force . . . . .	357	100.0	53.9	34.6	11.5	8.7	2.8
Never worked before . . . . .	532	100.0	44.9	46.8	8.3	6.2	2.1

<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**

August 1974

Sex, age, and color	Thousands of persons		Methods used as a percent of total jobseekers						Average number of methods used
	Total unem- ployed	Total job- seekers	Public employ- ment agency	Private employ- ment agency	Employer directly	Placed or answered ads	Friends or relatives	Other	
<b>Total</b> .....	4,885	4,107	27.1	7.8	71.2	24.6	15.2	5.4	1.51
16 to 19 years .....	1,294	1,200	18.9	5.3	78.8	20.8	13.3	2.8	1.40
20 to 24 years .....	1,282	1,082	32.2	7.8	68.8	25.4	16.2	3.8	1.54
25 to 34 years .....	966	773	32.3	11.5	69.6	26.6	12.5	7.4	1.60
35 to 44 years .....	521	407	28.0	5.9	70.5	30.0	14.3	6.4	1.55
45 to 54 years .....	405	311	25.7	10.0	69.5	25.4	18.6	9.0	1.58
55 to 64 years .....	309	240	31.3	10.8	60.8	25.0	18.8	12.1	1.59
65 years and over .....	108	93	19.4	2.2	54.8	21.5	30.1	8.6	1.37
<b>Males</b> .....	2,441	2,051	31.1	7.8	71.3	22.7	18.6	7.4	1.59
16 to 19 years .....	675	621	21.4	5.2	79.1	19.3	14.2	1.9	1.41
20 to 24 years .....	627	526	41.3	8.6	68.8	22.1	24.3	5.7	1.71
25 to 34 years .....	473	365	37.5	11.5	67.1	31.2	16.7	10.1	1.74
35 to 44 years .....	219	168	30.4	6.5	78.0	26.2	16.7	9.5	1.67
45 to 54 years .....	196	153	30.7	9.8	65.4	20.3	20.3	15.0	1.62
55 to 64 years .....	177	153	28.8	8.5	58.8	17.0	16.3	18.3	1.48
65 years and over .....	74	66	(1)	(1)	(1)	(1)	(1)	(1)	(1)
<b>Females</b> .....	2,443	2,055	23.1	7.9	71.2	26.6	11.7	3.5	1.44
16 to 19 years .....	618	579	16.4	5.5	78.2	22.3	12.4	3.6	1.38
20 to 24 years .....	655	555	23.8	7.0	68.8	28.6	8.5	2.0	1.39
25 to 34 years .....	493	409	27.6	11.7	71.6	22.5	9.0	4.9	1.47
35 to 44 years .....	302	240	26.3	5.4	65.0	32.5	12.1	4.6	1.46
45 to 54 years .....	209	158	20.9	10.1	73.4	30.4	17.1	3.2	1.55
55 to 64 years .....	132	87	34.5	16.1	64.4	39.1	23.0	1.1	1.78
65 years and over .....	34	27	(1)	(1)	(1)	(1)	(1)	(1)	(1)
<b>White: Total</b> .....	3,909	3,207	24.7	8.1	71.5	26.6	15.8	5.6	1.52
Males .....	1,945	1,595	29.2	7.8	71.8	24.1	19.0	7.5	1.59
Females .....	1,964	1,612	20.2	8.3	71.2	29.1	12.7	3.7	1.45
<b>Negro and other races: Total</b> .....	975	900	35.6	6.9	70.2	17.4	12.7	4.9	1.48
Males .....	496	457	37.9	7.4	69.1	17.3	17.1	7.0	1.56
Females .....	479	443	33.4	6.3	71.3	17.6	8.1	2.7	1.39

<sup>1</sup> 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**

August 1974

Sex and reason	Thousands of persons		Methods used as a percent of total jobseekers						Average number of methods used
	Total unem- ployed	Total job- seekers	Public employ- ment agency	Private employ- ment agency	Employer directly	Placed or answered ads	Friends or relatives	Other	
<b>Total, 16 years and over</b> .....	4,885	4,107	27.1	7.8	71.2	24.6	15.2	5.4	1.51
Lost last job .....	1,877	1,315	37.2	9.1	68.1	26.9	17.0	8.7	1.67
Left last job .....	843	789	27.2	8.6	72.1	26.5	16.3	3.0	1.54
Reentered labor force .....	1,462	1,321	20.2	6.7	71.0	23.5	13.2	4.5	1.39
Never worked before .....	703	681	20.7	6.6	76.9	20.3	14.4	3.7	1.43
<b>Males, 16 years and over</b> .....	2,441	2,051	31.1	7.8	71.3	22.7	18.6	7.4	1.59
Lost last job .....	1,199	882	36.4	7.0	69.3	23.2	18.6	11.2	1.66
Left last job .....	415	405	31.9	11.1	71.4	24.2	19.8	3.0	1.61
Reentered labor force .....	524	467	27.4	7.3	70.4	22.7	13.2	6.0	1.52
Never worked before .....	303	298	20.1	6.0	78.2	18.8	17.4	4.0	1.45
<b>Females, 16 years and over</b> .....	2,443	2,055	23.1	7.9	71.2	26.6	11.7	3.5	1.44
Lost last job .....	678	434	38.7	13.4	65.7	34.1	13.6	3.5	1.69
Left last job .....	428	384	22.1	6.0	72.9	29.2	12.8	3.1	1.46
Reentered labor force .....	938	854	16.4	6.3	71.3	24.2	10.4	3.6	1.32
Never worked before .....	400	384	20.8	7.0	75.8	21.1	12.0	3.4	1.40

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	
	Aug. 1973	Aug. 1974	Aug. 1973	Aug. 1974	Aug. 1973	Aug. 1974	Aug. 1973	Aug. 1974
Total	4,209	4,885	100.0	100.0	1,357	1,573	100.0	100.0
Less than 5 weeks	2,213	2,500	52.6	51.2	660	693	48.6	44.1
5 to 14 weeks	1,325	1,564	31.5	32.0	394	510	29.0	32.4
5 to 10 weeks	956	1,153	22.7	23.6	288	385	21.2	24.5
11 to 14 weeks	369	411	8.8	8.4	106	125	7.8	7.9
15 weeks and over	671	820	15.9	16.8	303	370	22.3	23.5
15 to 26 weeks	339	435	8.1	8.9	133	163	9.8	10.4
27 weeks and over	332	386	7.9	7.9	170	207	12.5	13.2
Average (mean) duration	9.6	9.6	--	--	12.5	11.9	--	--

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

August 1974

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		Aug. 1973	Aug. 1974	Aug. 1973	Aug. 1974
							Aug. 1973	Aug. 1974	Aug. 1973	Aug. 1974
Total	4,885	2,500	1,564	435	386	9.6	52.6	51.2	15.9	16.8
16 to 21 years	1,916	1,051	665	135	65	7.3	54.8	54.8	9.6	10.4
16 to 19 years	1,294	700	469	91	34	7.1	54.5	54.1	7.6	9.7
20 to 24 years	1,282	681	419	99	64	8.7	52.6	53.1	16.5	14.2
25 to 34 years	966	501	302	82	81	9.4	57.9	51.9	15.6	16.9
35 to 44 years	521	263	154	40	63	11.5	51.5	50.6	21.7	19.8
45 to 54 years	405	199	92	63	50	13.2	48.0	49.2	22.5	28.1
55 to 64 years	309	121	62	39	58	14.8	39.2	39.0	29.0	31.2
65 years and over	108	35	37	21	16	14.7	39.9	32.3	29.9	33.8
Male	2,441	1,144	796	233	269	11.2	48.3	46.9	18.2	20.5
16 to 21 years	984	525	339	68	52	7.8	53.0	53.4	9.2	12.2
16 to 19 years	675	357	236	52	30	7.8	53.9	52.9	7.2	12.2
20 to 24 years	627	308	213	50	56	9.8	44.3	49.2	21.6	16.8
25 to 34 years	473	212	160	42	39	11.6	53.6	44.8	18.9	21.4
35 to 44 years	219	92	66	19	41	14.1	46.0	42.2	26.8	27.5
45 to 54 years	196	75	51	40	30	16.4	46.5	38.5	23.1	35.7
55 to 64 years	177	75	46	16	40	17.0	35.3	42.1	32.2	31.9
65 years and over	74	25	24	13	13	16.2	(1)	(1)	(1)	(1)
Female	2,443	1,356	768	202	117	8.0	56.6	55.5	13.8	13.0
16 to 21 years	932	526	327	67	13	6.6	56.7	56.4	10.0	8.6
16 to 19 years	618	343	233	38	4	6.3	55.1	55.4	8.0	6.9
20 to 24 years	655	373	205	49	28	7.6	60.0	56.9	12.8	11.7
25 to 34 years	493	290	141	39	23	7.4	61.7	58.7	12.5	12.6
35 to 44 years	302	171	88	21	22	9.7	55.0	56.7	18.4	14.2
45 to 54 years	209	124	44	23	20	10.1	49.2	59.3	22.1	20.9
55 to 64 years	132	66	46	13	17	11.8	43.7	34.8	25.2	30.2
65 years and over	34	10	13	8	3	17.4	(2)	(1)	(1)	(1)
White: Total	3,909	2,073	1,188	337	311	9.4	54.9	53.0	15.2	16.6
Male	1,945	952	597	184	213	11.0	51.6	48.9	17.6	20.4
Female	1,964	1,121	591	154	98	7.9	58.1	57.1	12.9	12.8
Negro and other races: Total	975	427	376	97	75	10.1	44.1	43.8	18.6	17.6
Male	496	192	199	49	56	11.9	35.3	38.7	30.6	21.2
Female	479	235	177	48	18	8.3	51.5	49.1	16.9	13.9
Male: Married, wife present	971	410	302	112	147	13.4	47.1	42.2	25.6	26.7
Widowed, divorced, or separated	191	89	53	23	26	11.8	56.0	46.7	17.8	25.5
Single (never married)	1,280	545	444	98	96	9.5	47.9	50.4	15.2	15.1
Female: Married, husband present	1,176	716	346	94	50	7.4	63.4	60.3	12.1	12.3
Widowed, divorced, or separated	404	221	108	43	32	8.7	52.3	54.6	19.9	18.5
Single (never married)	863	420	344	65	35	8.4	48.9	48.6	13.1	11.5

<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

August 1974

Occupation and industry	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		Aug. 1973	Aug. 1974	Aug. 1973	Aug. 1974
<b>OCCUPATION</b>										
White-collar workers	1,451	706	469	147	129	10.5	51.3	48.7	17.5	19.0
Professional and managerial	526	236	177	55	57	11.5	42.3	44.9	24.1	21.5
Sales workers	198	109	54	22	14	8.9	62.3	54.9	10.2	18.1
Clerical workers	727	361	238	69	58	10.3	54.2	49.7	15.0	17.5
Blue-collar workers	1,882	987	540	174	181	9.7	53.5	52.4	18.9	18.9
Craft and kindred workers	439	227	125	44	43	10.7	55.7	51.7	19.1	20.0
Operatives, except transport	866	475	237	75	79	9.1	53.9	54.9	19.8	17.8
Transport equipment operatives	136	62	39	13	21	11.3	50.5	45.7	20.0	25.3
Nonfarm laborers	441	223	139	42	38	9.4	51.5	50.5	16.4	18.0
Service workers	763	423	221	67	52	9.1	57.3	55.4	15.3	15.6
<b>INDUSTRY<sup>1</sup></b>										
Agriculture	100	63	34	3	0	5.1	72.1	63.0	7.2	2.7
Construction	378	207	111	25	35	8.9	59.3	54.9	16.8	15.7
Manufacturing	1,168	603	333	119	113	10.1	51.3	51.6	21.4	19.8
Durable goods	628	311	176	71	71	10.9	49.4	49.5	23.9	22.5
Non-durable goods	540	292	157	48	43	9.2	53.5	54.1	18.5	16.8
Transportation and public utilities	182	87	46	25	24	11.7	42.3	47.8	30.8	27.0
Wholesale and retail trade	960	496	297	92	75	9.7	59.8	51.7	13.9	17.3
Finance and service industries	1,208	608	396	111	95	9.3	50.2	50.3	16.3	17.0
Public administration	95	44	28	7	17	14.6	47.5	45.9	19.7	24.9
No previous work experience	704	333	303	43	24	8.3	46.0	47.4	8.1	9.5

<sup>1</sup> Includes wage and salary workers only.

A-19: Employed persons by sex and age

(In thousands)

Age and type of industry	Total		Male		Female	
	Aug. 1973	Aug. 1974	Aug. 1973	Aug. 1974	Aug. 1973	Aug. 1974
<b>All industries</b>	85,920	87,575	53,486	54,043	32,434	33,532
16 to 19 years	8,676	8,819	4,902	4,959	3,774	3,860
16 to 17 years	3,840	3,876	2,236	2,198	1,604	1,678
18 to 19 years	4,836	4,943	2,666	2,761	2,170	2,182
20 to 24 years	12,202	12,426	6,996	6,991	5,206	5,436
25 to 54 years	51,317	52,691	32,914	33,365	18,403	19,327
25 to 34 years	19,068	20,149	12,567	13,050	6,501	7,099
35 to 44 years	15,763	15,975	10,097	10,099	5,666	5,877
45 to 54 years	16,486	16,567	10,250	10,216	6,236	6,351
55 to 64 years	10,819	10,812	6,795	6,841	4,024	3,971
55 to 59 years	6,515	6,474	4,042	4,027	2,473	2,447
60 to 64 years	4,304	4,338	2,753	2,814	1,551	1,524
65 years and over	2,908	2,827	1,879	1,888	1,029	940
<b>Nonagricultural industries</b>	82,095	83,724	50,414	50,878	31,681	32,846
16 to 19 years	8,074	8,172	4,426	4,429	3,648	3,744
16 to 17 years	3,442	3,484	1,916	1,880	1,526	1,604
18 to 19 years	4,632	4,688	2,510	2,549	2,123	2,139
20 to 24 years	11,812	11,988	6,664	6,621	5,148	5,368
25 to 54 years	49,543	50,940	31,547	31,979	17,995	18,961
25 to 34 years	18,589	19,631	12,188	12,625	6,401	7,006
35 to 44 years	15,204	15,440	9,666	9,692	5,538	5,748
45 to 54 years	15,750	15,869	9,693	9,662	6,056	6,207
55 to 64 years	10,185	10,184	6,269	6,310	3,916	3,873
55 to 59 years	6,172	6,136	3,768	3,746	2,404	2,390
60 to 64 years	4,013	4,048	2,501	2,565	1,512	1,483
65 years and over	2,481	2,440	1,507	1,540	974	901
<b>Agriculture</b>	3,825	3,851	3,072	3,165	753	686
16 to 19 years	602	646	476	530	126	116
16 to 17 years	398	392	320	318	78	73
18 to 19 years	204	255	157	212	48	43
20 to 24 years	390	438	332	370	58	68
25 to 54 years	1,773	1,751	1,366	1,386	407	366
25 to 34 years	478	518	379	425	99	93
35 to 44 years	559	535	431	407	128	129
45 to 54 years	736	698	556	554	180	144
55 to 64 years	633	628	525	530	108	98
55 to 59 years	343	338	274	281	69	57
60 to 64 years	290	290	251	249	39	41
65 years and over	427	387	372	348	55	39

## 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	
	Aug. 1973	Aug. 1974	Aug. 1973	Aug. 1974	Aug. 1973	Aug. 1974	Aug. 1973	Aug. 1974	Aug. 1973	Aug. 1974
	<b>Total</b>	85,920	87,575	48,584	49,084	28,660	29,672	4,902	4,959	3,774
<b>White-collar workers</b>	40,095	41,394	20,018	20,327	17,486	18,435	718	704	1,874	1,927
Professional and technical	11,244	11,931	6,802	7,169	4,212	4,460	108	110	122	92
Health workers	1,871	1,999	714	715	1,133	1,267	4	4	19	13
Teachers, except college	2,476	2,536	746	805	1,708	1,710	--	5	21	16
Other professional and technical	6,897	7,396	5,342	5,649	1,371	1,883	104	101	82	63
Managers and administrators, except farm	8,812	8,872	7,160	7,119	1,569	1,653	65	81	18	20
Salaries workers	6,972	7,058	5,694	5,694	1,207	1,270	56	73	13	19
Self-employed workers in retail trade	948	936	692	677	234	257	1	1	2	1
Self-employed workers, except retail trade	892	879	773	747	108	126	8	6	4	--
Sales workers	5,333	5,486	2,850	3,003	1,860	1,844	241	223	382	416
Retail trade	3,045	3,084	989	1,034	1,507	1,474	189	185	360	391
Other industries	2,288	2,401	1,860	1,969	354	370	52	38	22	25
Clerical workers	14,706	15,105	3,206	3,037	9,844	10,378	304	290	1,352	1,400
Stenographers, typists, and secretaries	4,245	4,381	51	58	3,760	3,869	12	5	421	449
Other clerical workers	10,461	10,724	3,155	2,979	6,084	6,509	292	285	931	951
<b>Blue-collar workers</b>	31,210	31,159	22,906	22,966	4,851	4,834	2,938	2,901	516	458
Craft and kindred workers	11,665	11,905	10,660	10,832	415	443	556	581	34	28
Carpenters	1,188	1,127	1,090	1,039	6	5	90	84	1	--
Construction craft, except carpenters	2,593	2,583	2,376	2,392	35	15	173	172	8	3
Mechanics and repairers	2,900	2,991	2,725	2,798	22	23	151	169	1	1
Metal craft	1,138	1,210	1,084	1,162	17	12	37	35	--	1
Blue-collar supervisors, n.e.c.	1,530	1,495	1,410	1,356	109	117	10	18	1	4
All other	2,317	2,498	1,975	2,105	226	270	94	103	23	20
Operatives, except transport	11,413	10,972	6,078	5,823	4,055	3,959	876	856	404	335
Durable goods manufacturing	3,250	5,099	3,257	3,179	1,489	1,484	352	336	152	100
Non-durable goods manufacturing	3,749	3,475	1,425	1,268	1,987	1,885	159	165	177	157
Other industries	2,414	2,398	1,396	1,376	579	590	365	355	75	78
Transport equipment operatives	3,265	3,392	2,938	3,038	119	124	203	220	4	10
Drivers, motor vehicles	2,769	2,855	2,478	2,552	105	117	183	180	3	7
All other	495	536	460	486	15	7	20	40	1	3
Nonfarm laborers	4,867	4,891	3,230	3,252	262	308	1,303	1,245	73	85
Construction	1,072	915	759	678	10	8	299	230	4	--
Manufacturing	1,164	1,192	841	882	98	121	203	176	22	13
Other industries	2,631	2,783	1,629	1,692	153	179	801	839	47	73
<b>Service workers</b>	11,259	11,706	3,363	3,491	5,784	5,919	839	912	1,272	1,384
Private household workers	1,278	1,195	10	24	1,018	853	14	7	235	311
Service workers, except private household	9,981	10,511	3,353	3,467	4,766	5,066	826	905	1,037	1,072
Food service workers	3,400	3,647	610	671	1,796	1,882	398	419	596	674
Protective service workers	1,161	1,302	1,095	1,184	47	81	14	29	5	8
All other	5,420	5,562	1,638	1,612	2,923	3,103	414	457	436	390
<b>Farm workers</b>	3,358	3,316	2,298	2,299	540	485	407	442	112	91
Farmers and farm managers	1,702	1,696	1,565	1,559	117	119	20	18	--	--
Farm laborers and supervisors	1,656	1,620	733	740	423	365	387	424	112	91
Paid workers	1,116	1,161	686	669	130	128	243	309	56	54
Unpaid family workers	540	459	47	71	293	237	144	115	56	37

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

(Percent distribution)

Occupational group and color	Total		Male		Female	
	Aug. 1973	Aug. 1974	Aug. 1973	Aug. 1974	Aug. 1973	Aug. 1974
<b>Total</b>						
Total employed (thousands) .....	85,920	87,575	53,486	54,043	32,434	33,532
Percent .....	100.0	100.0	100.0	100.0	100.0	100.0
<b>White-collar workers</b> .....	46.7	47.3	38.8	38.9	59.7	60.7
Professional and technical .....	13.1	13.6	12.9	13.5	13.4	13.9
Managers and administrators, except farm .....	10.3	10.1	13.5	13.3	4.9	5.0
Sales workers .....	6.2	6.3	5.8	6.0	6.9	6.7
Clerical workers .....	17.1	17.2	6.6	6.2	34.5	35.1
<b>Blue-collar workers</b> .....	36.3	35.6	48.3	47.9	16.5	15.8
Craft and kindred workers .....	13.6	13.6	21.0	21.2	1.4	1.4
Operatives, except transport .....	13.3	12.5	13.0	12.4	13.7	12.8
Transport equipment operatives .....	3.8	3.9	5.9	6.0	.4	.4
Nonfarm laborers .....	5.7	5.6	8.5	8.3	1.0	1.2
<b>Service workers</b> .....	13.1	13.4	7.9	8.1	21.8	21.8
Private household workers .....	1.5	1.4	(1)	.1	3.9	3.5
Other service workers .....	11.6	12.0	7.8	8.1	17.9	18.3
<b>Farm workers</b> .....	3.9	3.8	5.1	5.1	2.0	1.7
Farmers and farm managers .....	2.0	1.9	3.0	2.9	.4	.4
Farm laborers and supervisors .....	1.9	1.8	2.1	2.2	1.6	1.4
<b>White</b>						
Total employed (thousands) .....	76,453	77,949	48,140	48,672	28,313	29,277
Percent .....	100.0	100.0	100.0	100.0	100.0	100.0
<b>White-collar workers</b> .....	48.8	49.1	40.6	40.5	62.5	63.4
Professional and technical .....	13.6	14.0	13.6	13.9	13.8	14.3
Managers and administrators, except farm .....	11.0	10.8	14.4	14.2	5.2	5.3
Sales workers .....	6.7	6.7	6.2	6.4	7.6	7.3
Clerical workers .....	17.4	17.5	6.5	6.1	36.0	36.5
<b>Blue-collar workers</b> .....	35.7	35.0	47.2	46.9	16.1	15.2
Craft and kindred workers .....	14.2	14.1	21.7	21.8	1.4	1.4
Operatives, except transport .....	12.7	12.0	12.4	11.9	13.3	12.2
Transport equipment operatives .....	3.7	3.8	5.6	5.8	.4	.4
Nonfarm laborers .....	5.1	5.1	7.5	7.5	1.0	1.2
<b>Service workers</b> .....	11.6	12.0	7.1	7.4	19.4	19.8
Private household workers .....	1.0	.9	(1)	(1)	2.7	2.5
Other service workers .....	10.6	11.1	7.0	7.3	16.8	17.3
<b>Farm workers</b> .....	3.9	3.8	5.1	5.1	2.0	1.7
Farmers and farm managers .....	2.1	2.1	3.2	3.1	.4	.4
Farm laborers and supervisors .....	1.8	1.7	2.0	2.0	1.6	1.3
<b>Negro and other races</b>						
Total employed (thousands) .....	9,467	9,626	5,346	5,370	4,121	4,255
Percent .....	100.0	100.0	100.0	100.0	100.0	100.0
<b>White-collar workers</b> .....	29.8	32.3	21.8	24.2	40.2	42.5
Professional and technical .....	8.7	10.3	7.2	9.7	10.6	10.9
Managers and administrators, except farm .....	4.2	4.3	5.6	5.5	2.5	2.8
Sales workers .....	2.3	2.6	2.2	2.1	2.5	3.1
Clerical workers .....	14.6	15.2	6.9	6.8	24.6	25.7
<b>Blue-collar workers</b> .....	41.7	40.2	58.5	56.2	19.8	19.9
Craft and kindred workers .....	8.9	9.3	14.8	15.7	1.1	1.2
Operatives, except transport .....	17.8	16.8	18.3	16.5	17.1	17.1
Transport equipment operatives .....	4.8	4.8	8.2	8.5	.3	.3
Nonfarm laborers .....	10.2	9.3	17.2	15.6	1.2	1.3
<b>Service workers</b> .....	24.9	24.2	15.1	15.1	37.7	35.7
Private household workers .....	5.3	4.7	(1)	.2	12.2	10.5
Other service workers .....	19.6	19.5	15.0	14.9	25.6	25.2
<b>Farm workers</b> .....	3.6	3.3	4.6	4.5	2.3	1.9
Farmers and farm managers .....	.7	.7	1.2	1.2	.1	(1)
Farm laborers and supervisors .....	2.9	2.7	3.4	3.3	2.2	1.9

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



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

August 1974  
(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> .....	77,521	1,413	13,442	62,666	5,768	435	1,565	1,806	480
16 to 19 years .....	8,057	426	752	6,880	81	33	465	29	153
16 and 17 years .....	3,424	337	333	2,755	41	19	262	16	114
18 and 19 years .....	4,633	89	419	4,125	40	15	203	13	39
20 to 24 years .....	11,675	105	1,528	10,043	275	38	285	96	57
25 to 34 years .....	18,454	91	3,388	14,975	1,114	62	246	215	57
35 to 44 years .....	14,159	158	2,799	11,203	1,196	84	177	285	74
45 to 54 years .....	14,348	216	2,972	11,159	1,404	118	203	411	84
55 to 64 years .....	8,961	251	1,719	6,991	1,138	85	130	462	36
55 to 59 years .....	5,416	127	1,044	4,245	664	57	73	241	25
60 to 64 years .....	3,545	124	675	2,746	475	28	58	221	12
65 years and over .....	1,866	166	285	1,416	559	15	59	308	19
<b>Male</b> .....	46,553	229	7,386	38,938	4,280	45	1,305	1,673	187
16 to 19 years .....	4,362	105	379	3,878	52	15	389	27	114
16 and 17 years .....	1,842	84	167	1,591	27	11	214	14	90
18 and 19 years .....	2,520	21	212	2,287	25	4	175	13	24
20 to 24 years .....	6,394	21	664	5,710	214	13	239	91	40
25 to 34 years .....	11,801	8	1,896	9,897	822	2	207	201	17
35 to 44 years .....	8,778	21	1,588	7,169	911	3	142	260	5
45 to 54 years .....	8,605	19	1,667	6,919	1,052	5	167	384	2
55 to 64 years .....	5,481	24	1,009	4,448	825	4	108	420	2
55 to 59 years .....	3,261	10	609	2,642	482	2	60	219	2
60 to 64 years .....	2,220	14	400	1,805	343	2	48	201	--
65 years and over .....	1,133	32	184	917	404	3	54	288	6
<b>Female</b> .....	30,967	1,184	6,056	23,727	1,488	390	259	134	293
16 to 19 years .....	3,696	321	373	3,002	30	18	76	2	39
16 and 17 years .....	1,582	253	166	1,164	14	8	48	2	24
18 and 19 years .....	2,113	68	207	1,838	15	10	28	--	15
20 to 24 years .....	5,281	84	864	4,333	62	24	47	5	16
25 to 34 years .....	6,653	83	1,492	5,078	293	60	39	14	40
35 to 44 years .....	5,381	137	1,211	4,033	285	82	35	25	69
45 to 54 years .....	5,743	198	1,305	4,240	351	113	35	27	82
55 to 64 years .....	3,480	227	710	2,543	313	81	22	41	34
55 to 59 years .....	2,155	117	435	1,602	181	54	13	21	22
60 to 64 years .....	1,325	109	275	940	132	26	9	20	12
65 years and over .....	734	135	101	498	155	12	5	20	13

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					
	Aug. 1973	Aug. 1974	Total		Wage and salary workers <sup>1</sup>			
			Aug. 1973	Aug. 1974	Paid absence <sup>2</sup>		Unpaid absence <sup>2</sup>	
					Aug. 1973	Aug. 1974	Aug. 1973	Aug. 1974
<b>Total</b> .....	10,317	10,790	10,141	10,589	5,872	6,111	3,616	3,845
Vacation .....	8,193	8,387	8,110	8,279	5,296	5,452	2,439	2,410
Illness .....	1,285	1,323	1,237	1,279	434	499	691	696
Bad weather .....	22	16	13	7	--	--	--	--
Industrial dispute .....	88	230	88	230	--	--	--	--
All other reasons .....	728	832	694	794	143	160	486	739
<b>Male</b> .....	5,315	5,556	5,153	5,380	3,510	3,604	1,292	1,414
Vacation .....	4,128	4,218	4,053	4,122	3,121	3,167	718	720
Illness .....	769	792	723	749	287	329	373	368
All other reasons <sup>3</sup> .....	418	546	377	509	102	108	201	326
<b>Female</b> .....	5,003	5,234	4,988	5,209	2,362	2,507	2,325	2,432
Vacation .....	4,065	4,169	4,057	4,157	2,175	2,285	1,721	1,690
Illness .....	516	531	514	530	146	170	319	329
All other reasons <sup>3</sup> .....	422	534	417	522	42	52	285	413

<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

August 1974

Hours of work	Thousands of persons			Percent distribution		
	All industries	Nonagricultural industries	Agriculture	All industries	Nonagricultural industries	Agriculture
<b>Total at work</b> .....	76,785	73,135	3,650	100.0	100.0	100.0
<b>1-34 hours</b> .....	15,886	14,815	1,070	20.7	20.3	29.3
1-4 hours .....	608	558	50	.8	.8	1.4
5-14 hours .....	2,853	2,593	259	3.7	3.5	7.1
15-29 hours .....	7,611	7,080	531	9.9	9.7	14.5
30-34 hours .....	4,814	4,584	230	6.3	6.3	6.3
<b>35 hours and over</b> .....	60,898	58,318	2,579	79.3	79.7	70.7
35-39 hours .....	5,440	5,233	206	7.1	7.2	5.6
40 hours .....	33,727	33,243	484	43.9	45.5	13.3
41 hours and over .....	21,731	19,842	1,889	28.3	27.1	51.8
41 to 48 hours .....	8,572	8,298	274	11.2	11.3	7.5
49 to 59 hours .....	7,018	6,570	448	9.1	9.0	12.3
60 hours and over .....	6,141	4,974	1,167	8.0	6.8	32.0
Average hours, total at work .....	40.0	39.6	46.0	--	--	--
Average hours, workers on full-time schedules .....	43.5	43.0	54.1	--	--	--

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

August 1974

(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.....	15,886	5,808	10,078	14,816	5,429	9,387
Economic reasons.....	3,512	1,473	2,039	3,194	1,323	1,871
Slack work.....	1,399	942	457	1,197	807	390
Material shortages or repairs to plant and equipment.....	127	127	--	127	127	--
New job started during week.....	253	253	--	251	251	--
Job terminated during week.....	150	150	--	136	136	--
Could find only part-time work.....	1,582	--	1,582	1,481	--	1,481
Other reasons.....	12,375	4,335	8,040	11,622	4,106	7,517
Does not want, or unavailable for, full-time work.....	6,146	--	6,146	5,768	--	5,768
Vacation.....	1,397	1,397	--	1,338	1,338	--
Illness.....	1,454	1,224	230	1,358	1,183	175
Bad weather.....	235	235	--	157	157	--
Industrial dispute.....	68	68	--	68	68	--
Legal or religious holiday.....	186	186	--	185	185	--
Full time for this job.....	1,200	--	1,200	1,159	--	1,159
All other reasons.....	1,688	1,225	463	1,588	1,173	415
Average hours:						
Economic reasons.....	21.0	23.7	19.0	21.1	24.0	19.0
Other reasons.....	21.6	25.5	19.4	21.7	25.7	19.5
Worked 30 to 34 hours:						
Economic reasons.....	997	611	386	922	575	347
Other reasons.....	3,817	2,189	1,628	3,662	2,110	1,552

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

August 1974

Industry	Percent distribution							Average hours, total at work	Average hours, workers 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	4.4	10.3	85.4	58.2	11.3	15.8	39.6	43.0
Wage and salary workers.....	100.0	4.3	9.8	85.9	60.5	11.5	13.9	39.3	42.4
Construction.....	100.0	5.2	3.5	91.3	65.8	11.1	14.4	40.1	42.0
Manufacturing.....	100.0	3.2	2.3	94.5	65.4	15.2	13.9	41.3	42.3
Durable goods.....	100.0	2.1	1.4	96.5	66.0	15.8	14.7	41.9	42.5
Nondurable goods.....	100.0	4.8	3.7	91.6	64.5	14.4	12.7	40.4	42.0
Transportation and public utilities.....	100.0	2.8	3.9	93.3	65.8	11.7	15.8	41.4	42.9
Wholesale and retail trade.....	100.0	6.1	17.6	76.3	47.1	12.7	16.5	38.3	43.7
Finance, insurance, and real estate.....	100.0	1.7	8.1	90.2	68.3	8.8	13.2	39.5	41.5
Service industries.....	100.0	5.8	17.4	76.7	57.6	7.6	11.5	36.5	41.9
Private households.....	100.0	19.3	47.9	32.8	21.3	3.8	7.7	24.1	45.1
All other service.....	100.0	4.6	14.7	80.7	60.9	8.0	11.8	37.6	41.8
Public administration.....	100.0	1.7	4.2	94.1	74.6	8.3	11.2	40.3	41.5
Self-employed workers.....	100.0	4.8	15.3	79.9	31.8	9.2	38.8	43.6	50.2
Unpaid family workers.....	100.0	4.8	32.2	63.0	29.2	7.8	26.0	39.2	49.4

<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**

August 1974

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.....	73,135	3,194	7,517	62,424	42,582	19,842	39.6	43.0
16 to 21 years.....	12,256	1,339	2,207	8,710	6,537	2,173	35.1	41.3
16 to 19 years.....	7,729	1,065	1,782	4,882	3,704	1,178	33.0	40.9
16 and 17 years.....	3,294	638	1,169	1,487	1,183	304	28.3	40.5
18 and 19 years.....	4,435	427	613	3,395	2,522	873	36.4	41.1
20 years and over.....	65,405	2,129	5,735	57,541	38,876	18,665	40.4	43.2
20 to 24 years.....	10,908	555	838	9,515	6,859	2,656	39.3	41.9
25 years and over.....	54,497	1,574	4,897	48,026	32,017	16,009	40.6	43.5
25 to 44 years.....	30,212	847	2,129	27,236	17,705	9,531	41.3	43.6
45 to 64 years.....	22,147	648	1,835	19,664	13,546	6,118	40.6	43.2
65 years and over.....	2,138	80	933	1,125	767	358	30.5	43.0
<b>Males, 16 years and over.....</b>	<b>45,498</b>	<b>1,627</b>	<b>2,190</b>	<b>41,681</b>	<b>25,560</b>	<b>16,121</b>	<b>42.3</b>	<b>44.3</b>
16 to 21 years.....	6,615	709	881	5,025	3,421	1,604	37.0	42.5
16 to 19 years.....	4,194	590	747	2,857	1,986	871	34.9	42.1
16 and 17 years.....	1,780	361	500	919	697	222	30.2	41.1
18 and 19 years.....	2,414	229	247	1,938	1,289	649	38.3	42.6
20 years and over.....	41,304	1,038	1,442	38,824	23,575	15,249	43.1	44.5
20 to 24 years.....	6,143	261	256	5,626	3,646	1,980	41.4	43.2
25 years and over.....	35,161	777	1,186	33,198	19,929	13,269	43.4	44.7
25 to 44 years.....	19,856	448	276	19,132	11,022	8,110	44.2	45.1
45 to 64 years.....	13,931	288	359	13,284	8,377	4,907	43.3	44.3
65 years and over.....	1,373	41	551	781	528	253	31.7	42.8
<b>Females, 16 years and over.....</b>	<b>27,637</b>	<b>1,566</b>	<b>5,327</b>	<b>20,744</b>	<b>17,023</b>	<b>3,721</b>	<b>35.2</b>	<b>40.3</b>
16 to 21 years.....	5,641	628	1,326	3,687	3,118	569	32.9	39.6
16 to 19 years.....	3,535	475	1,034	2,026	1,719	307	30.7	39.3
16 and 17 years.....	1,514	277	668	569	486	83	26.2	39.5
18 and 19 years.....	2,021	198	366	1,457	1,233	224	34.1	39.3
20 years and over.....	24,101	1,091	4,293	18,717	15,303	3,414	35.9	40.4
20 to 24 years.....	4,765	293	582	3,890	3,215	675	36.6	40.0
25 years and over.....	19,336	798	3,711	14,827	12,088	2,739	35.7	40.5
25 to 44 years.....	10,356	399	1,852	8,105	6,682	1,423	35.8	40.2
45 to 64 years.....	8,216	360	1,475	6,381	5,170	1,211	36.2	40.9
65 years and over.....	765	39	382	344	238	106	28.5	43.4
<b>COLOR</b>								
<b>White.....</b>	<b>64,984</b>	<b>2,572</b>	<b>6,772</b>	<b>55,640</b>	<b>37,156</b>	<b>18,484</b>	<b>39.9</b>	<b>43.2</b>
Male.....	40,917	1,330	1,965	37,622	22,459	15,163	42.6	44.6
Female.....	24,066	1,242	4,808	18,016	14,696	3,320	35.2	40.3
<b>Negro and other races.....</b>	<b>8,151</b>	<b>623</b>	<b>744</b>	<b>6,784</b>	<b>5,426</b>	<b>1,358</b>	<b>37.7</b>	<b>41.3</b>
Male.....	4,580	297	225	4,058	3,100	958	39.5	41.9
Female.....	3,570	325	519	2,726	2,326	400	35.4	40.3
<b>MARITAL STATUS</b>								
<b>Male:</b>								
Married, wife present.....	32,854	652	916	31,286	18,450	12,836	43.6	44.8
Widowed, divorced, or separated.....	2,881	114	176	2,591	1,619	972	41.8	44.2
Single (never married).....	9,763	862	1,098	7,803	5,490	2,313	37.9	42.4
<b>Female:</b>								
Married, husband present.....	15,303	632	3,218	11,453	9,481	1,972	35.1	40.2
Widowed, divorced, or separated.....	5,090	254	736	4,100	3,190	910	37.0	41.3
Single (never married).....	7,244	680	1,374	5,190	4,350	840	34.2	39.9

**A-27: Persons at work in nonagricultural industries by full- or part-time status,  
sex, age, color, and marital status--Continued**  
August 1974

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	4.4	10.3	85.4	58.2	27.1
16 to 21 years .....	100.0	10.9	18.0	71.1	53.3	17.7
16 to 19 years .....	100.0	13.8	23.1	63.2	47.9	15.2
16 and 17 years .....	100.0	19.4	35.5	45.1	35.9	9.2
18 and 19 years .....	100.0	9.6	13.8	76.6	56.9	19.7
20 years and over .....	100.0	3.3	8.8	88.0	59.4	28.5
20 to 24 years .....	100.0	5.1	7.7	87.2	62.9	24.3
25 years and over .....	100.0	2.9	9.0	88.1	58.8	29.4
25 to 44 years .....	100.0	2.8	7.0	90.1	58.6	31.5
45 to 64 years .....	100.0	2.9	8.3	88.8	61.2	27.6
65 years and over .....	100.0	3.7	43.6	52.6	35.9	16.7
<b>Males, 16 years and over</b> .....	100.0	3.6	4.8	91.6	56.2	35.4
16 to 21 years .....	100.0	10.7	13.3	76.0	51.7	24.2
16 to 19 years .....	100.0	14.1	17.8	68.1	47.4	20.8
16 and 17 years .....	100.0	20.3	28.1	51.6	39.2	12.5
18 and 19 years .....	100.0	9.5	10.2	80.3	53.4	26.9
20 years and over .....	100.0	2.5	3.5	94.0	57.1	36.9
20 to 24 years .....	100.0	4.2	4.2	91.6	59.4	32.2
25 years and over .....	100.0	2.2	3.4	94.4	56.7	37.7
25 to 44 years .....	100.0	2.3	1.4	96.4	55.5	40.8
45 to 64 years .....	100.0	2.1	2.6	95.4	60.1	35.2
65 years and over .....	100.0	3.0	40.1	56.9	38.5	18.4
<b>Females, 16 years and over</b> .....	100.0	5.7	19.3	75.1	61.6	13.5
16 to 21 years .....	100.0	11.1	23.5	65.4	55.3	10.1
16 to 19 years .....	100.0	13.4	29.3	57.3	48.6	8.7
16 and 17 years .....	100.0	18.3	44.1	37.6	32.1	5.5
18 and 19 years .....	100.0	9.8	18.1	72.1	61.0	11.1
20 years and over .....	100.0	4.5	17.8	77.7	63.5	14.2
20 to 24 years .....	100.0	6.1	12.2	81.6	67.5	14.2
25 years and over .....	100.0	4.1	19.2	76.7	62.5	14.2
25 to 44 years .....	100.0	3.9	17.9	78.3	64.5	13.7
45 to 64 years .....	100.0	4.4	18.0	77.7	62.9	14.7
65 years and over .....	100.0	5.1	49.9	45.0	31.1	13.9
<b>COLOR</b>						
<b>White</b> .....	100.0	4.0	10.4	85.6	57.2	28.4
Male .....	100.0	3.3	4.8	91.9	54.9	37.1
Female .....	100.0	5.2	20.0	74.9	61.1	13.8
<b>Negro and other races</b> .....	100.0	7.6	9.1	83.2	66.6	16.7
Male .....	100.0	6.5	4.9	88.6	67.7	20.9
Female .....	100.0	9.1	14.5	76.4	65.2	11.2
<b>MARITAL STATUS</b>						
<b>Male:</b>						
Married, wife present .....	100.0	2.0	2.8	95.3	56.2	39.1
Widowed, divorced, or separated .....	100.0	4.0	6.1	89.9	56.2	33.7
Single (never married) .....	100.0	8.8	11.2	79.9	56.2	23.7
<b>Female:</b>						
Married, husband present .....	100.0	4.1	21.0	74.8	62.0	12.9
Widowed, divorced, or separated .....	100.0	5.0	14.5	80.6	62.7	17.9
Single (never married) .....	100.0	9.4	19.0	71.6	60.0	11.6

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

August 1974

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	35,189	857	3,792	30,540	20,732	3,549	6,259	40.2	43.3
Professional and technical	8,794	166	735	7,893	5,473	831	1,589	40.3	42.9
Managers and administrators, except farm	7,961	92	329	7,540	3,510	1,081	2,949	46.6	48.0
Sales workers	4,940	210	971	3,759	2,230	499	1,030	38.3	44.3
Clerical workers	13,494	390	1,758	11,346	9,517	1,138	691	36.9	40.0
Blue-collar workers	28,084	1,477	1,328	25,279	17,051	3,970	4,258	40.5	42.7
Craft and kindred workers	10,729	368	285	10,076	6,566	1,569	1,941	42.0	43.3
Operatives, except transport	9,775	580	391	8,804	6,284	1,444	1,076	40.0	41.8
Transport equipment operatives	3,044	120	117	2,807	1,514	472	821	43.4	45.2
Nonfarm laborers	4,535	410	535	3,590	2,686	484	420	36.4	41.3
Service workers	10,353	904	2,473	6,976	5,013	838	1,125	35.2	42.9
Private household	1,111	168	552	391	258	46	87	25.0	43.9
Other service workers	9,243	736	1,921	6,586	4,755	793	1,038	36.4	42.8
<b>MALE</b>									
White-collar workers	18,460	290	808	17,362	9,753	2,331	5,278	44.1	45.6
Professional and technical	5,999	87	225	5,687	3,678	611	1,398	42.8	44.1
Managers and administrators, except farm	6,483	62	182	6,239	2,711	918	2,610	47.6	48.6
Sales workers	2,975	80	225	2,670	1,361	401	908	42.9	45.6
Clerical workers	3,003	62	175	2,766	2,003	401	362	40.5	42.2
Blue-collar workers	23,449	1,091	931	21,427	13,881	3,467	4,079	41.3	43.2
Craft and kindred workers	10,316	342	233	9,741	6,298	1,529	1,914	42.2	43.4
Operatives, except transport	5,968	252	125	5,591	3,619	1,016	956	41.9	43.1
Transport equipment operatives	2,975	112	101	2,762	1,487	464	811	43.5	45.2
Nonfarm laborers	4,189	384	472	3,333	2,476	458	399	36.6	41.4
Service workers	3,980	276	498	3,206	2,105	407	694	39.6	44.4
Private household	27	3	6	18	11	4	3	36.5	49.7
Other service workers	3,954	273	492	3,189	2,094	403	692	39.7	44.4
<b>FEMALE</b>									
White-collar workers	16,729	566	2,985	13,178	10,980	1,217	981	35.8	40.1
Professional and technical	2,796	79	509	2,208	1,797	220	191	35.1	39.9
Managers and administrators, except farm	1,478	30	147	1,301	800	162	339	42.3	45.5
Sales workers	1,965	130	746	1,089	869	98	122	31.3	41.1
Clerical workers	10,491	328	1,583	8,580	7,514	737	329	35.9	39.3
Blue-collar workers	4,635	386	397	3,852	3,171	503	178	36.9	39.8
Craft and kindred workers	413	25	52	336	268	41	27	37.1	40.5
Operatives, except transport	3,807	328	266	3,213	2,665	428	120	37.1	39.6
Transport equipment operatives	69	7	16	46	29	8	9	37.9	46.1
Nonfarm laborers	346	25	63	258	212	25	21	34.4	40.1
Service workers	6,373	628	1,975	3,770	2,907	432	431	32.4	41.6
Private household	1,084	164	547	373	247	42	84	24.7	43.7
Other service workers	5,289	464	1,428	3,397	2,660	390	347	34.0	41.4

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

August 1974

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	2.4	10.8	86.8	58.9	10.1	17.8
Professional and technical .....	100.0	1.9	8.4	89.7	62.2	9.4	18.1
Managers and administrators, except farm .....	100.0	1.2	4.1	94.7	44.1	13.6	37.0
Sales workers .....	100.0	4.3	19.7	76.1	45.1	10.1	20.9
Clerical workers .....	100.0	2.9	13.0	84.0	70.5	8.4	5.1
Blue-collar workers .....	100.0	5.3	4.7	90.0	60.7	14.1	15.2
Craft and kindred workers .....	100.0	3.4	2.7	93.9	61.2	14.6	18.1
Operatives, except transport .....	100.0	5.9	4.0	90.1	64.3	14.8	11.0
Transport equipment operatives .....	100.0	3.9	3.8	92.2	49.7	15.5	27.0
Nonfarm laborers .....	100.0	9.0	11.8	79.2	59.2	10.7	9.3
Service workers .....	100.0	8.7	23.9	67.4	48.4	8.1	10.9
Private household .....	100.0	15.1	49.7	35.1	23.2	4.1	7.8
Other service workers .....	100.0	8.0	20.8	71.2	51.4	8.6	11.2
<b>MALE</b>							
White-collar workers .....	100.0	1.6	4.4	94.0	52.8	12.6	28.6
Professional and technical .....	100.0	1.5	3.8	94.8	61.3	10.2	23.3
Managers and administrators, except farm .....	100.0	1.0	2.8	96.3	41.8	14.2	40.3
Sales workers .....	100.0	2.7	7.6	89.7	45.7	13.5	30.5
Clerical workers .....	100.0	2.1	5.8	92.2	66.7	13.4	12.1
Blue-collar workers .....	100.0	4.7	4.0	91.4	59.2	14.8	17.4
Craft and kindred workers .....	100.0	3.3	2.3	94.5	61.1	14.8	18.6
Operatives, except transport .....	100.0	4.2	2.1	93.6	60.6	17.0	16.0
Transport equipment operatives .....	100.0	3.8	3.4	92.9	50.0	15.6	27.3
Nonfarm laborers .....	100.0	9.2	11.3	79.5	59.1	10.9	9.5
Service workers .....	100.0	6.9	12.5	80.5	52.9	10.2	17.4
Private household .....	100.0	(1)	(1)	(1)	(1)	(1)	(1)
Other service workers .....	100.0	6.9	12.4	80.7	53.0	10.2	17.5
<b>FEMALE</b>							
White-collar workers .....	100.0	3.4	17.8	78.8	65.6	7.3	5.9
Professional and technical .....	100.0	2.8	18.2	79.0	64.3	7.9	6.8
Managers and administrators, except farm .....	100.0	2.0	9.9	88.0	34.1	11.0	22.9
Sales workers .....	100.0	6.6	38.0	55.4	44.2	5.0	6.2
Clerical workers .....	100.0	3.1	15.1	81.7	71.6	7.0	3.1
Blue-collar workers .....	100.0	8.3	8.6	83.1	68.4	10.9	3.8
Craft and kindred workers .....	100.0	6.1	12.6	81.3	64.9	9.9	6.5
Operatives, except transport .....	100.0	8.6	7.0	84.4	70.0	11.2	3.2
Transport equipment operatives .....	100.0	(1)	(1)	(1)	(1)	(1)	(1)
Nonfarm laborers .....	100.0	7.2	18.2	74.6	61.3	7.2	6.1
Service workers .....	100.0	9.9	31.0	59.2	45.6	6.8	6.8
Private household .....	100.0	15.1	50.5	34.4	22.8	3.9	7.7
Other service workers .....	100.0	8.8	27.0	64.3	50.3	7.4	6.6

<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

August 1974  
(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 .....	8,404	4,271	4,133	7,122	3,630	3,492	1,282	641	641
Civilian labor force .....	2,256	1,336	920	1,999	1,198	801	257	138	120
Employed .....	2,037	1,200	837	1,833	1,093	741	203	107	96
Agriculture .....	356	271	86	315	249	66	41	22	19
Nonagricultural industries .....	1,680	929	751	1,518	844	674	162	85	77
Unemployed .....	220	136	84	165	105	60	54	31	23
Not in labor force .....	6,148	2,935	3,212	5,123	2,432	2,691	1,025	503	522
Keeping house .....	458	51	406	345	29	316	113	23	90
Going to school .....	479	250	229	416	225	191	63	26	38
Unable to work .....	7	4	3	6	4	1	1	--	1
All other reasons .....	5,204	2,629	2,575	4,357	2,175	2,182	847	455	392

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

August 1974

Characteristics	Thousands of persons			Percent distribution		
	Both sexes	Male	Female	Both sexes	Male	Female
<b>CLASS OF WORKER</b>						
Total .....	2,037	1,200	837	100.0	100.0	100.0
Nonagricultural industries .....	1,680	929	751	82.4	77.4	89.8
Wage and salary workers .....	1,566	837	729	76.9	69.8	87.2
Private household workers .....	601	172	429	29.5	14.3	51.3
Government workers .....	168	102	67	8.3	8.5	8.0
Other wage and salary workers .....	797	564	233	39.1	47.0	27.9
Self-employed workers .....	78	65	13	3.8	5.4	1.6
Unpaid family workers .....	35	26	9	1.7	2.2	1.1
Agriculture .....	356	271	86	17.5	22.6	10.2
Wage and salary workers .....	212	160	52	10.4	13.3	6.2
Self-employed workers .....	41	41	--	2.0	3.4	--
Unpaid family workers .....	104	71	33	5.1	5.9	3.9
<b>OCCUPATION</b>						
Total .....	2,037	1,200	837	100.0	100.0	100.0
White-collar workers .....	325	210	115	16.0	17.5	13.8
Professional and technical .....	13	6	7	.6	.5	.8
Managers and administrators, except farm .....	2	2	--	.1	.2	--
Sales workers .....	225	177	48	11.0	14.8	5.7
Clerical workers .....	85	25	60	4.2	2.1	7.2
Blue-collar workers .....	536	482	54	26.3	40.2	6.5
Craft and kindred workers .....	34	31	3	1.7	2.6	.4
Operatives, except transport .....	78	71	8	3.8	5.9	1.0
Transport equipment operatives .....	11	10	1	.5	.8	.1
Nonfarm laborers .....	413	370	42	20.3	30.8	5.0
Service workers .....	864	277	587	42.4	23.1	70.2
Private household workers .....	443	29	414	21.7	2.4	49.5
Other service workers .....	421	248	173	20.7	20.7	20.7
Farm workers .....	312	231	80	15.3	19.3	9.6
Farmers and farm managers .....	9	9	--	.4	.8	--
Farm laborers and supervisors .....	303	222	80	14.9	18.5	9.6



# HOUSEHOLD DATA

## SEASONALLY ADJUSTED

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

Employment status, sex, and age	(In thousands)												
	1973					1974							
	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.
<b>Total</b>													
Total labor force . . . . .	91,011	91,664	92,038	92,186	92,315	92,801	92,814	92,747	92,556	92,909	93,130	93,387	93,281
Civilian labor force . . . . .	88,704	89,373	89,749	89,903	90,033	90,543	90,556	90,496	90,313	90,679	90,919	91,167	91,061
Employed . . . . .	84,513	85,133	85,649	85,649	85,669	85,811	85,803	85,863	85,775	85,971	86,165	86,312	86,187
Agriculture . . . . .	3,425	3,376	3,455	3,561	3,643	3,794	3,852	3,699	3,511	3,457	3,293	3,405	3,443
Nonagricultural industries . . . . .	81,088	81,757	82,194	82,088	82,026	82,017	81,951	82,164	82,264	82,514	82,872	82,907	82,744
On part time for economic reasons . . . . .	2,287	2,353	2,377	2,405	2,562	2,586	2,754	2,540	2,390	2,746	2,484	2,432	2,511
Usually work full time . . . . .	1,167	1,106	1,103	1,143	1,192	1,213	1,381	1,249	1,078	1,260	1,209	1,156	1,174
Usually work part time . . . . .	1,120	1,247	1,274	1,262	1,370	1,373	1,373	1,291	1,312	1,486	1,275	1,276	1,337
Unemployed . . . . .	4,191	4,240	4,100	4,254	4,364	4,732	4,753	4,633	4,538	4,708	4,754	4,855	4,874
<b>Men, 20 years and over</b>													
Total labor force . . . . .	51,403	51,522	51,790	51,791	51,931	52,197	52,139	51,912	51,880	52,031	52,034	52,001	52,189
Civilian labor force . . . . .	49,520	49,651	49,921	49,926	50,085	50,371	50,312	50,091	50,065	50,227	50,245	50,205	50,397
Employed . . . . .	47,992	48,138	48,432	48,425	48,559	48,660	48,529	48,379	48,272	48,508	48,483	48,428	48,506
Agriculture . . . . .	2,480	2,472	2,489	2,544	2,569	2,687	2,708	2,646	2,493	2,494	2,420	2,470	2,516
Nonagricultural industries . . . . .	45,512	45,666	45,943	45,881	45,990	45,973	45,821	45,733	45,779	46,014	46,063	45,958	45,990
Unemployed . . . . .	1,528	1,513	1,489	1,501	1,526	1,711	1,783	1,712	1,793	1,719	1,762	1,777	1,891
<b>Women, 20 years and over</b>													
Civilian labor force . . . . .	30,970	30,999	31,042	31,183	31,169	31,133	31,329	31,498	31,612	31,651	31,944	32,404	32,216
Employed . . . . .	29,483	29,517	29,661	29,704	29,596	29,519	29,722	29,916	30,057	30,051	30,314	30,716	30,528
Agriculture . . . . .	545	500	531	550	595	628	641	613	539	507	469	537	495
Nonagricultural industries . . . . .	28,938	29,017	29,130	29,154	29,001	28,891	29,081	29,303	29,518	29,544	29,845	30,179	30,033
Unemployed . . . . .	1,487	1,482	1,381	1,479	1,573	1,614	1,607	1,582	1,555	1,600	1,630	1,688	1,688
<b>Both sexes, 16-19 years</b>													
Civilian labor force . . . . .	8,214	8,723	8,786	8,794	8,779	9,039	8,915	8,907	8,636	8,801	8,730	8,558	8,448
Employed . . . . .	7,038	7,478	7,556	7,520	7,514	7,632	7,552	7,568	7,446	7,412	7,368	7,168	7,153
Agriculture . . . . .	400	404	435	467	479	479	503	440	479	456	404	398	432
Nonagricultural industries . . . . .	6,638	7,074	7,121	7,053	7,035	7,153	7,049	7,128	6,967	6,956	6,964	6,770	6,721
Unemployed . . . . .	1,176	1,245	1,230	1,274	1,265	1,407	1,363	1,339	1,190	1,389	1,362	1,390	1,295

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**

Full- and part-time employment status, sex, and age	(Numbers in thousands)												
	1973					1974							
	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.
<b>Full time</b>													
Total, 16 years and over:													
Civilian labor force . . . . .	75,801	76,127	76,583	76,764	76,807	77,458	77,585	77,401	77,661	77,868	77,347	77,577	77,766
Employed . . . . .	72,631	72,942	73,473	73,439	73,406	73,842	73,958	73,841	74,069	74,291	73,741	73,854	74,029
Unemployed . . . . .	3,170	3,185	3,110	3,325	3,401	3,616	3,627	3,560	3,592	3,577	3,606	3,724	3,737
Unemployment rate . . . . .	4.2	4.2	4.1	4.3	4.4	4.7	4.7	4.6	4.6	4.6	4.7	4.8	4.8
Men, 20 years and over:													
Civilian labor force . . . . .	47,126	47,193	47,374	47,430	47,536	47,792	47,922	47,685	47,710	47,924	47,778	47,702	47,947
Employed . . . . .	45,763	45,861	46,042	46,066	46,156	46,256	46,308	46,106	46,052	46,354	46,202	46,083	46,254
Unemployed . . . . .	1,363	1,332	1,332	1,364	1,380	1,536	1,614	1,579	1,658	1,570	1,576	1,619	1,693
Unemployment rate . . . . .	2.9	2.8	2.8	2.9	2.9	3.2	3.4	3.3	3.5	3.3	3.3	3.4	3.5
Women, 20 years and over:													
Civilian labor force . . . . .	24,234	24,159	24,229	24,392	24,366	24,446	24,557	24,601	24,778	24,809	24,908	25,173	25,224
Employed . . . . .	23,077	23,010	23,154	23,202	23,094	23,179	23,288	23,382	23,546	23,579	23,622	23,846	23,943
Unemployed . . . . .	1,157	1,149	1,075	1,190	1,272	1,267	1,269	1,219	1,232	1,230	1,286	1,327	1,281
Unemployment rate . . . . .	4.8	4.8	4.4	4.9	5.2	5.2	5.2	5.0	5.0	5.0	5.2	5.3	5.1
<b>Part time</b>													
Total, 16 years and over:													
Civilian labor force . . . . .	12,810	13,307	13,186	13,190	13,317	13,171	13,067	13,097	12,845	13,041	13,419	13,467	13,182
Employed . . . . .	11,770	12,278	12,203	12,228	12,314	12,085	11,975	12,041	11,903	11,893	12,225	12,305	12,034
Unemployed . . . . .	1,040	1,029	983	962	1,003	1,086	1,092	1,056	942	1,148	1,194	1,162	1,148
Unemployment rate . . . . .	8.1	7.7	7.5	7.3	7.5	8.2	8.4	8.1	7.3	8.8	8.9	8.6	8.7

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	1973					1974							
	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.
<b>White</b>													
<b>Total:</b>													
Civilian labor force .....	78,654	79,211	79,566	79,673	79,704	80,089	80,122	80,163	80,100	80,488	80,565	80,873	80,765
Employed .....	75,359	75,881	76,301	76,339	76,223	76,328	76,354	76,498	76,464	76,694	76,738	76,986	76,856
Unemployed .....	3,295	3,330	3,265	3,334	3,481	3,761	3,768	3,665	3,636	3,794	3,827	3,887	3,909
Unemployment rate .....	4.2	4.2	4.1	4.2	4.4	4.7	4.7	4.6	4.5	4.7	4.8	4.8	4.8
<b>Males, 20 years and over:</b>													
Civilian labor force .....	44,462	44,560	44,759	44,777	44,910	45,137	45,078	44,900	44,932	45,118	45,055	45,087	45,253
Employed .....	43,223	43,323	43,557	43,565	43,625	43,729	43,649	43,534	43,472	43,723	43,633	43,603	43,687
Unemployed .....	1,239	1,237	1,202	1,212	1,285	1,408	1,429	1,366	1,460	1,395	1,422	1,484	1,566
Unemployment rate .....	2.8	2.8	2.7	2.7	2.9	3.1	3.2	3.0	3.2	3.1	3.2	3.3	3.5
<b>Females, 20 years and over:</b>													
Civilian labor force .....	26,892	26,889	26,913	27,022	26,941	26,930	27,117	27,337	27,431	27,483	27,746	28,153	27,990
Employed .....	25,738	25,743	25,830	25,903	25,751	25,675	25,834	26,053	26,174	26,188	26,418	26,808	26,650
Unemployed .....	1,154	1,146	1,083	1,119	1,190	1,255	1,283	1,284	1,257	1,295	1,328	1,345	1,340
Unemployment rate .....	4.3	4.3	4.0	4.1	4.4	4.7	4.7	4.7	4.6	4.7	4.8	4.8	4.8
<b>Both sexes, 16 to 19 years:</b>													
Civilian labor force .....	7,300	7,762	7,894	7,874	7,853	8,022	7,927	7,926	7,737	7,887	7,764	7,633	7,522
Employed .....	6,398	6,815	6,914	6,871	6,847	6,924	6,871	6,911	6,818	6,783	6,687	6,575	6,519
Unemployed .....	902	947	980	1,003	1,006	1,098	1,056	1,015	919	1,104	1,077	1,058	1,003
Unemployment rate .....	12.4	12.2	12.4	12.7	12.8	13.7	13.3	12.8	11.9	14.0	13.9	13.9	13.3
<b>Negro and other races</b>													
<b>Total:</b>													
Civilian labor force .....	10,065	10,156	10,187	10,210	10,300	10,499	10,340	10,289	10,168	10,292	10,286	10,269	10,294
Employed .....	9,184	9,222	9,333	9,299	9,412	9,513	9,390	9,323	9,285	9,315	9,376	9,301	9,343
Unemployed .....	881	934	854	911	888	986	950	966	883	977	910	968	951
Unemployment rate .....	8.8	9.2	8.4	8.9	8.6	9.4	9.2	9.4	8.7	9.5	8.8	9.4	9.2
<b>Males, 20 years and over:</b>													
Civilian labor force .....	5,065	5,076	5,148	5,151	5,174	5,239	5,229	5,170	5,133	5,155	5,172	5,115	5,141
Employed .....	4,778	4,802	4,863	4,869	4,919	4,935	4,882	4,819	4,800	4,831	4,837	4,814	4,815
Unemployed .....	287	274	285	282	255	304	347	351	333	324	335	301	326
Unemployment rate .....	5.7	5.4	5.5	5.5	4.9	5.8	6.6	6.8	6.5	6.3	6.5	5.9	6.3
<b>Females, 20 years and over:</b>													
Civilian labor force .....	4,108	4,108	4,139	4,127	4,195	4,236	4,174	4,161	4,145	4,191	4,167	4,222	4,242
Employed .....	3,779	3,776	3,816	3,769	3,829	3,852	3,845	3,870	3,865	3,855	3,879	3,884	3,903
Unemployed .....	329	332	323	358	366	384	329	291	280	336	288	338	339
Unemployment rate .....	8.0	8.1	7.8	8.7	8.7	9.1	7.9	7.0	6.8	8.0	6.9	8.0	8.0
<b>Both sexes, 16 to 19 years:</b>													
Civilian labor force .....	892	972	900	932	931	1,024	937	958	890	946	947	932	911
Employed .....	627	644	654	661	664	726	663	634	620	629	660	603	625
Unemployed .....	265	328	246	271	267	298	274	324	270	317	287	329	286
Unemployment rate .....	29.7	33.7	27.3	29.1	28.7	29.1	29.2	33.8	30.3	33.5	30.3	35.3	31.4

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

(In thousands)

Duration of unemployment	1973					1974							
	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.
Less than 5 weeks .....	2,206	2,158	2,001	2,243	2,308	2,466	2,427	2,464	2,269	2,520	2,370	2,471	2,493
5 to 14 weeks .....	1,220	1,339	1,283	1,235	1,270	1,437	1,426	1,388	1,467	1,358	1,462	1,516	1,400
15 weeks and over .....	777	768	756	820	740	768	830	815	857	877	939	928	949
15 to 26 weeks .....	446	476	431	469	409	440	505	503	528	525	571	550	564
27 weeks and over .....	331	292	325	351	331	328	325	312	329	352	368	378	385
Average (mean) duration .....	10.0	9.4	10.3	10.0	9.3	9.4	9.6	9.4	9.8	9.5	9.8	10.1	10.0

**A-35: Major unemployment indicators, seasonally adjusted**  
(Unemployment rates)

Selected categories	1973					1974							
	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.
Total (all civilian workers) .....	4.7	4.7	4.6	4.7	4.8	5.2	5.2	5.1	5.0	5.2	5.2	5.3	5.4
Men, 20 years and over .....	3.1	3.0	3.0	3.0	3.0	3.4	3.5	3.4	3.6	3.4	3.5	3.5	3.8
Women, 20 years and over .....	4.8	4.8	4.4	4.7	5.0	5.2	5.1	5.0	4.9	5.1	5.1	5.2	5.2
Both sexes, 16-19 years .....	14.3	14.3	14.0	14.5	14.4	15.6	15.3	15.0	13.8	15.8	15.6	16.2	15.3
White .....	4.2	4.2	4.1	4.2	4.4	4.7	4.7	4.6	4.5	4.7	4.8	4.8	4.8
Non-white and other races .....	8.8	9.2	8.4	8.9	8.6	9.4	9.2	9.4	8.7	9.5	8.8	9.4	9.2
Household heads .....	2.8	2.7	2.7	2.8	2.8	3.0	3.0	3.0	3.1	3.0	3.1	3.0	3.1
Married men .....	2.1	2.1	2.1	2.1	2.2	2.3	2.4	2.4	2.5	2.2	2.6	2.6	2.6
Full-time workers .....	4.2	4.2	4.1	4.3	4.4	4.7	4.7	4.6	4.6	4.6	4.7	4.8	4.8
Part-time workers .....	8.1	7.7	7.5	7.3	7.5	8.2	8.4	8.1	7.3	8.8	8.9	8.6	8.7
Unemployed 15 weeks and over <sup>1</sup> .....	.9	.9	.8	.9	.8	.8	.9	.9	.9	1.0	1.0	1.0	1.0
State insured <sup>2</sup> .....	2.6	2.6	2.6	2.6	2.7	3.1	3.3	3.4	3.4	3.3	3.4	3.4	3.3
Labor force time lost <sup>3</sup> .....	5.1	5.1	5.1	5.2	5.4	5.7	5.7	5.6	5.7	5.7	5.6	5.7	5.8
<b>Occupation</b>													
White collar workers .....	2.9	2.9	2.6	2.8	3.1	3.2	3.2	2.8	2.8	3.2	3.1	3.3	3.1
Professional and technical .....	2.2	2.3	2.2	2.1	2.3	2.5	2.0	1.9	2.2	2.1	1.9	2.1	2.2
Managers and administrators, except farm .....	1.3	1.3	1.4	1.2	1.4	1.7	1.8	1.5	1.6	1.9	1.8	1.4	1.9
Sales workers .....	3.8	3.5	3.0	3.3	4.5	4.0	4.2	3.8	3.3	4.2	4.6	4.0	3.7
Clerical workers .....	4.1	4.2	3.6	4.0	4.3	4.5	4.5	4.0	3.9	4.6	4.4	5.0	4.4
Blue-collar workers .....	5.2	5.1	5.1	5.4	5.2	6.0	6.1	6.1	6.4	5.7	6.2	6.1	6.5
Graft and kindred workers .....	3.7	3.7	3.5	3.9	3.2	3.8	3.9	3.6	3.9	3.7	4.2	4.2	4.2
Operatives .....	5.4	5.3	5.4	5.6	5.8	7.0	6.8	7.2	7.1	6.3	6.8	6.3	7.0
Nonfarm laborers .....	8.4	8.1	8.0	8.6	8.3	8.4	9.3	9.0	10.4	8.8	9.6	10.7	10.7
Service workers .....	5.5	5.7	5.1	5.9	6.2	5.5	6.1	6.1	5.8	6.7	5.8	6.3	6.2
Farm workers .....	2.6	2.4	2.5	2.3	2.4	1.9	2.1	2.8	2.7	2.6	2.8	2.9	2.8
<b>Industry</b>													
Nonagricultural private wage and salary workers <sup>4</sup> .....	4.7	4.7	4.5	4.8	5.0	5.3	5.4	5.1	5.3	5.2	5.4	5.4	5.5
Construction .....	8.5	9.6	9.0	9.1	8.2	9.1	7.9	8.4	10.3	9.6	10.2	10.6	11.1
Manufacturing .....	4.0	4.2	3.9	4.3	4.3	5.1	5.3	5.2	5.0	4.7	5.2	5.1	5.4
Durable goods .....	3.6	4.0	3.7	3.6	3.9	5.0	5.1	5.0	5.0	4.5	4.8	4.4	4.8
Non-durable goods .....	4.7	4.4	4.1	5.3	4.9	5.3	5.7	5.5	5.1	5.0	5.7	6.0	6.4
Transportation and public utilities .....	3.0	2.8	2.9	3.1	3.1	2.9	3.1	2.8	3.0	3.0	3.2	3.4	3.6
Wholesale and retail trade .....	5.9	5.6	5.1	5.4	6.1	6.1	6.0	5.8	5.9	6.3	6.1	6.4	6.1
Finance and service industries .....	4.1	4.0	4.1	4.3	4.6	4.5	4.9	4.4	4.3	4.3	4.3	4.3	4.4
Government workers .....	2.7	3.0	2.7	2.5	2.5	2.5	2.8	2.8	2.9	3.4	2.8	3.1	2.9
Agricultural wage and salary workers .....	7.1	5.8	6.7	7.4	6.4	6.3	6.7	7.8	8.2	7.1	7.5	7.8	6.9

<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	1973					1974							
	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.
<b>Total, 16 years and over</b> .....	4.7	4.7	4.6	4.7	4.8	5.2	5.2	5.1	5.0	5.2	5.2	5.3	5.4
16 to 19 years.....	14.3	14.3	14.0	14.5	14.4	15.6	15.3	15.0	13.8	15.8	15.6	16.2	15.3
16 and 17 years.....	16.6	17.2	16.4	17.2	16.7	19.4	17.9	18.4	15.7	18.1	18.4	18.0	17.3
18 and 19 years.....	12.8	12.6	12.1	12.5	12.9	13.3	12.9	12.7	12.5	14.3	12.9	14.7	14.1
20 to 24 years.....	7.8	7.8	6.7	7.2	7.7	8.5	8.6	8.1	8.1	8.6	8.3	8.8	9.5
25 years and over.....	3.0	2.9	2.9	3.0	3.1	3.2	3.3	3.3	3.3	3.2	3.3	3.3	3.3
25 to 34 years.....	3.1	3.0	2.9	3.1	3.3	3.4	3.5	3.4	3.6	3.3	3.5	3.5	3.4
35 years and over.....	2.7	2.6	2.6	2.7	2.6	2.8	2.9	2.7	2.6	2.7	2.7	2.8	3.2
<b>Males, 16 years and over</b> .....	4.6	4.0	3.9	4.0	4.0	4.4	4.5	4.4	4.5	4.4	4.6	4.6	4.7
16 to 19 years.....	14.1	13.7	13.4	14.3	13.6	14.1	14.6	14.4	14.0	14.6	15.6	15.4	15.2
16 and 17 years.....	16.5	15.6	15.6	17.2	16.3	18.8	18.0	17.6	16.3	18.0	18.9	18.4	18.8
18 and 19 years.....	12.3	12.6	11.3	12.1	11.9	11.2	11.6	12.1	12.4	12.2	12.1	12.8	12.7
20 to 24 years.....	7.2	7.0	6.3	6.6	6.7	7.9	8.3	7.9	7.8	8.3	8.1	8.1	9.3
25 years and over.....	2.4	2.4	2.4	2.4	2.4	2.7	2.8	2.8	2.9	2.6	2.7	2.8	2.8
25 to 34 years.....	2.4	2.3	2.2	2.3	2.5	2.7	2.7	2.7	3.0	2.7	2.8	2.8	2.8
35 years and over.....	2.6	2.7	2.7	2.6	2.4	2.6	2.9	2.4	2.3	2.3	2.5	2.7	3.2
<b>Females, 16 years and over</b> .....	5.8	5.9	5.6	5.9	6.2	6.6	6.4	6.2	5.9	6.4	6.3	6.5	6.3
16 to 19 years.....	14.6	15.0	14.8	14.8	15.4	17.3	16.2	15.8	13.5	17.2	15.6	17.2	15.4
16 and 17 years.....	16.6	19.3	17.3	17.2	17.2	20.1	17.8	19.3	14.9	18.3	17.7	17.5	15.3
18 and 19 years.....	13.3	12.6	13.0	13.1	14.0	15.6	14.4	13.4	12.6	16.7	13.8	16.9	15.8
20 to 24 years.....	8.5	8.7	7.3	7.9	8.9	9.3	9.0	8.4	8.4	9.0	8.7	9.6	9.8
25 years and over.....	3.9	3.9	3.8	4.1	4.2	4.2	4.3	4.2	4.1	4.2	4.4	4.2	4.2
25 to 34 years.....	4.3	4.1	4.1	4.4	4.6	4.6	4.8	4.5	4.4	4.4	4.6	4.6	4.5
35 years and over.....	2.9	2.5	2.5	2.7	2.8	3.1	2.9	3.4	3.0	3.2	3.1	2.9	3.2

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

(Numbers in thousands)

Reason for unemployment	1973					1974							
	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.
<b>Number of unemployed</b>													
Lost last job.....	1,565	1,611	1,461	1,664	1,761	2,006	2,052	2,022	2,007	1,888	1,998	2,022	1,988
Left last job.....	646	670	678	783	765	731	750	739	720	676	738	764	773
Reentered labor force.....	1,362	1,303	1,253	1,227	1,266	1,252	1,240	1,186	1,263	1,599	1,406	1,454	1,472
Never worked before.....	608	641	612	590	593	682	630	632	549	643	625	675	634
<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.....	37.4	38.1	36.5	39.0	40.2	42.9	43.9	44.2	44.2	39.3	41.9	41.1	40.8
Left last job.....	15.5	15.9	16.9	18.4	17.4	15.6	16.1	16.1	15.9	14.1	15.5	15.5	15.9
Reentered labor force.....	32.6	30.8	31.3	28.8	28.9	26.8	26.5	25.9	27.8	33.3	29.5	29.6	30.2
Never worked before.....	14.5	15.2	15.3	13.8	13.5	14.6	13.5	13.6	12.1	13.4	13.1	13.7	13.6
<b>Unemployed as a percent of the civilian labor force</b>													
Lost last job.....	1.8	1.8	1.6	1.9	2.0	2.2	2.3	2.2	2.2	2.1	2.2	2.2	2.2
Left last job.....	.7	.7	.8	.9	.8	.8	.8	.8	.8	.7	.8	.8	.8
Reentered labor force.....	1.5	1.5	1.4	1.4	1.4	1.4	1.4	1.3	1.4	1.8	1.5	1.6	1.6
Never worked before.....	.7	.7	.7	.7	.7	.8	.7	.7	.6	.7	.7	.7	.7

HOUSEHOLD DATA  
SEASONALLY ADJUSTED

A-38: Employed persons by sex and age, seasonally adjusted

(In thousands)

Sex and age	1973					1974							
	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.
<b>Total</b>													
16 years and over .....	84,513	85,133	85,649	85,649	85,669	85,811	85,803	85,863	85,775	85,971	86,165	86,312	86,187
16 to 19 years .....	7,038	7,433	7,556	7,520	7,514	7,632	7,552	7,568	7,446	7,412	7,368	7,168	7,153
16 and 17 years .....	2,937	3,171	3,206	3,117	3,116	3,157	3,129	3,117	3,035	3,066	3,051	3,049	2,968
18 and 19 years .....	4,054	4,279	4,361	4,387	4,384	4,486	4,420	4,455	4,393	4,374	4,337	4,121	4,142
20 to 24 years .....	11,633	11,730	11,972	12,000	11,984	11,762	11,815	11,880	11,883	11,956	11,943	11,901	11,849
25 years and over .....	65,813	65,952	66,184	66,131	66,166	66,498	66,443	66,415	66,449	66,633	66,824	67,147	67,138
25 to 54 years .....	51,998	52,206	52,389	52,408	52,451	52,700	52,643	52,578	52,584	52,947	53,108	53,398	53,418
55 years and over .....	13,803	13,773	13,738	13,699	13,723	13,732	13,847	13,813	13,857	13,682	13,687	13,708	13,713
<b>Male</b>													
16 years and over .....	51,892	52,290	52,638	52,584	52,732	52,910	52,716	52,556	52,370	52,628	52,499	52,389	52,445
16 to 19 years .....	3,900	4,152	4,206	4,159	4,173	4,250	4,187	4,177	4,098	4,120	4,016	3,961	3,939
16 and 17 years .....	1,665	1,828	1,835	1,743	1,748	1,779	1,794	1,781	1,721	1,700	1,708	1,670	1,637
18 and 19 years .....	2,204	2,325	2,390	2,413	2,419	2,455	2,391	2,382	2,361	2,431	2,329	2,288	2,282
20 to 24 years .....	6,497	6,564	6,748	6,775	6,821	6,704	6,624	6,600	6,603	6,694	6,638	6,555	6,489
25 years and over .....	41,450	41,575	41,739	41,668	41,719	41,995	41,921	41,785	41,699	41,867	41,820	41,815	41,937
25 to 54 years .....	32,815	32,916	33,029	33,023	33,032	33,262	33,127	33,001	32,903	33,194	33,171	33,151	33,267
55 years and over .....	8,631	8,649	8,652	8,644	8,706	8,712	8,844	8,790	8,802	8,662	8,632	8,637	8,687
<b>Female</b>													
16 years and over .....	32,621	32,843	33,011	33,065	32,937	32,901	33,087	33,307	33,405	33,343	33,666	33,923	33,742
16 to 19 years .....	3,138	3,326	3,350	3,361	3,341	3,382	3,365	3,391	3,348	3,292	3,352	3,207	3,214
16 and 17 years .....	1,272	1,347	1,371	1,374	1,368	1,378	1,335	1,336	1,314	1,366	1,343	1,379	1,331
18 and 19 years .....	1,850	1,954	1,971	1,974	1,965	2,031	2,029	2,073	2,032	1,943	2,008	1,833	1,860
20 to 24 years .....	5,136	5,166	5,224	5,225	5,163	5,058	5,191	5,280	5,280	5,262	5,305	5,346	5,360
25 years and over .....	24,363	24,377	24,445	24,463	24,447	24,503	24,522	24,630	24,750	24,766	25,004	25,332	25,201
25 to 54 years .....	19,183	19,290	19,360	19,385	19,419	19,438	19,516	19,577	19,681	19,753	19,937	20,247	20,151
55 years and over .....	5,172	5,124	5,086	5,055	5,017	5,020	5,003	5,023	5,055	5,020	5,055	5,071	5,026

A-39: Employed persons by major occupational group, seasonally adjusted

(In thousands)

Occupational group	1973					1974							
	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.
White-collar workers .....	40,423	40,691	40,921	41,205	41,138	41,399	41,375	41,743	41,601	41,615	42,111	41,953	41,766
Professional & technical .....	11,843	11,895	11,989	11,980	12,030	12,068	12,350	12,260	12,274	12,248	12,482	12,601	12,572
Managers and administrators, except farm .....	8,619	8,653	8,761	8,989	9,099	9,186	9,031	8,938	9,009	9,145	9,172	8,932	8,681
Sales workers .....	5,303	5,431	5,424	5,425	5,254	5,386	5,408	5,462	5,443	5,440	5,375	5,349	5,453
Clerical workers .....	14,658	14,712	14,747	14,811	14,755	14,759	14,586	15,083	14,875	14,782	15,082	15,071	15,060
Blue collar workers .....	29,928	30,150	30,285	30,075	30,101	30,212	29,760	29,773	29,722	30,192	29,664	30,056	29,885
Craft and kindred workers .....	11,334	11,396	11,336	11,403	11,357	11,444	11,337	11,603	11,534	11,623	11,380	11,621	11,569
Operatives <sup>1</sup> .....	14,315	14,329	14,488	14,414	14,303	14,187	13,990	13,711	13,973	14,137	13,982	14,283	14,014
Nonfarm laborers .....	4,279	4,425	4,461	4,258	4,441	4,581	4,433	4,459	4,215	4,432	4,302	4,152	4,302
Service workers .....	11,206	11,290	11,368	11,230	11,260	11,098	11,177	11,136	11,212	11,129	11,466	11,370	11,644
Farm workers .....	2,976	2,939	3,025	3,102	3,123	3,326	3,380	3,204	3,128	3,028	2,899	2,968	2,941

<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)								
	Aug. 1973	July 1974	Aug. 1974	Seasonally adjusted					
				Aug. 1973	Apr. 1974	May 1974	June 1974	July 1974	Aug. 1974
<b>VETERANS<sup>1</sup></b>									
<b>Total, 20 to 34 years</b>									
Civilian noninstitutional population <sup>2</sup>	5,755	6,172	6,202	5,755	6,076	6,111	6,140	6,172	6,202
Civilian labor force	5,456	5,881	5,917	5,389	5,691	5,808	5,815	5,799	5,847
Employed	5,193	5,606	5,639	5,117	5,399	5,530	5,511	5,514	5,557
Unemployed	263	275	278	272	292	278	304	285	290
Unemployment rate	4.8	4.7	4.7	5.0	5.1	4.8	5.2	4.9	5.0
<b>20 to 24 years</b>									
Civilian noninstitutional population <sup>2</sup>	1,626	1,364	1,346	1,626	1,411	1,398	1,380	1,364	1,346
Civilian labor force	1,476	1,245	1,223	1,457	1,233	1,255	1,238	1,226	1,209
Employed	1,345	1,131	1,090	1,321	1,120	1,126	1,113	1,108	1,071
Unemployed	131	114	133	136	113	129	125	118	138
Unemployment rate	8.9	9.2	10.9	9.3	9.2	10.3	10.1	9.6	11.4
<b>25 to 29 years</b>									
Civilian noninstitutional population <sup>2</sup>	3,069	3,435	3,447	3,069	3,398	3,411	3,423	3,435	3,447
Civilian labor force	2,953	3,295	3,315	2,915	3,217	3,280	3,267	3,242	3,271
Employed	2,838	3,161	3,197	2,800	3,073	3,163	3,122	3,102	3,153
Unemployed	115	134	118	115	144	117	145	140	118
Unemployment rate	3.9	4.1	3.6	3.9	4.5	3.6	4.4	4.3	3.6
<b>30 to 34 years</b>									
Civilian noninstitutional population <sup>2</sup>	1,060	1,373	1,409	1,060	1,267	1,302	1,337	1,373	1,409
Civilian labor force	1,027	1,341	1,379	1,017	1,241	1,273	1,310	1,331	1,367
Employed	1,010	1,314	1,352	996	1,206	1,241	1,276	1,304	1,333
Unemployed	17	27	27	21	35	32	34	27	34
Unemployment rate	1.7	2.0	2.0	2.1	2.8	2.5	2.6	2.0	2.5
<b>NONVETERANS</b>									
<b>Total, 20 to 34 years</b>									
Civilian noninstitutional population <sup>2</sup>	14,486	15,009	15,109	14,486	14,805	14,877	14,952	15,009	15,109
Civilian labor force	13,434	14,005	14,052	12,982	13,392	13,586	13,494	13,439	13,597
Employed	12,839	13,256	13,263	12,340	12,617	12,826	12,768	12,697	12,743
Unemployed	595	747	789	642	775	760	726	742	854
Unemployment rate	4.4	5.3	5.6	4.9	5.8	5.6	5.4	5.5	6.3
<b>20 to 24 years</b>									
Civilian noninstitutional population <sup>2</sup>	6,718	7,071	7,118	6,718	6,965	7,001	7,042	7,071	7,118
Civilian labor force	5,996	6,431	6,394	5,550	5,953	6,077	5,952	5,863	5,944
Employed	5,651	5,950	5,900	5,169	5,498	5,596	5,506	5,404	5,398
Unemployed	345	481	494	381	455	481	446	459	546
Unemployment rate	5.8	7.5	7.7	6.9	7.6	7.9	7.5	7.8	9.2
<b>25 to 29 years</b>									
Civilian noninstitutional population <sup>2</sup>	4,135	4,099	4,123	4,135	4,036	4,059	4,081	4,099	4,123
Civilian labor force	3,932	3,877	3,919	3,928	3,788	3,843	3,871	3,869	3,915
Employed	3,761	3,730	3,759	3,750	3,604	3,659	3,694	3,715	3,748
Unemployed	171	147	160	178	184	184	177	154	167
Unemployment rate	4.3	3.8	4.1	4.5	4.9	4.8	4.6	4.0	4.3
<b>30 to 34 years</b>									
Civilian noninstitutional population <sup>2</sup>	3,633	3,839	3,868	3,633	3,804	3,817	3,829	3,839	3,868
Civilian labor force	3,506	3,697	3,739	3,504	3,651	3,666	3,671	3,707	3,738
Employed	3,427	3,578	3,604	3,421	3,515	3,571	3,568	3,578	3,597
Unemployed	79	119	135	83	136	95	103	129	141
Unemployment rate	2.3	3.2	3.6	2.4	3.7	2.6	2.8	3.5	3.8

<sup>1</sup> Vietnam-era veterans are those who served after August 4, 1964. At present, of the Vietnam-era veterans of all ages, 90 per cent are 20 to 34 years of age.

<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	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.....	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	3,955	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	31,669	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	2,394	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	15,914	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
1973.....	75,567	24,093	625	3,648	19,820	51,475	4,611	16,288	4,079	12,209	4,053	12,866	13,657	2,627	11,031
1973: 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.....	76,238	24,717	641	3,944	20,132	51,521	4,671	16,367	4,127	12,240	4,082	12,982	13,449	2,608	10,811
Oct.....	76,914	24,731	640	3,923	20,168	52,183	4,680	16,515	4,162	12,353	4,076	13,057	13,855	2,613	11,242
Nov.....	77,322	24,667	643	3,822	20,202	52,655	4,659	16,780	4,188	12,592	4,079	13,096	14,041	2,628	11,413
Dec.....	77,391	24,391	642	3,639	20,110	53,000	4,644	17,113	4,181	12,932	4,080	13,062	14,101	2,677	11,424
1974: Jan.	75,613	23,740	642	3,280	19,818	51,873	4,618	16,290	4,155	12,135	4,072	12,913	13,980	2,635	11,345
Feb.....	75,792	23,708	641	3,329	19,738	52,084	4,616	16,217	4,142	11,985	4,087	13,056	14,198	2,659	11,539
Mar.....	76,117	23,773	642	3,405	19,726	52,344	4,634	16,187	4,148	12,039	4,102	13,147	14,274	2,667	11,607
Apr.....	76,706	23,957	653	3,527	19,777	52,749	4,635	16,429	4,156	12,273	4,118	13,274	14,293	2,684	11,609
May.....	77,225	24,147	664	3,658	19,825	53,078	4,664	16,535	4,177	12,358	4,141	13,422	14,316	2,695	11,621
June.....	77,897	24,562	679	3,779	20,107	53,332	4,718	16,677	4,240	12,437	4,181	13,552	14,204	2,703	11,501
July.....	76,958	24,280	682	3,765	19,833	52,678	4,699	16,631	4,249	12,382	4,199	13,539	13,610	2,721	10,889
Aug. P.....	77,126	24,526	680	3,838	20,008	52,602	4,684	16,587	4,248	12,339	4,231	13,557	13,573	2,715	10,860

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**

		(In thousands)									
SIC CODE	Industry	All employees					Production workers <sup>1</sup>				
		July 1973	Aug. 1973	June 1974	July 1974 <sup>p</sup>	Aug. 1974 <sup>p</sup>	July 1973	Aug. 1973	June 1974	July 1974 <sup>p</sup>	Aug. 1974 <sup>p</sup>
-	<b>TOTAL</b> .....	75,368	75,686	77,897	76,958	77,128	-	-	-	-	-
-	<b>PRIVATE SECTOR</b> .....	62,317	62,715	63,693	63,348	63,555	51,616	51,976	52,668	52,291	52,444
-	<b>MINING</b> .....	644	648	679	682	680	491	495	520	521	519
10	<b>METAL MINING</b> .....	91.9	93.1	99.5	99.0	-	72.6	73.9	78.7	77.8	-
101	Iron ores .....	22.1	22.1	22.5	22.6	-	18.0	18.0	18.2	18.3	-
102	Copper ores .....	42.9	43.6	46.6	45.7	-	34.0	34.8	36.8	35.7	-
11,12	<b>COAL MINING</b> .....	160.6	161.8	173.7	173.2	-	137.5	138.7	149.1	148.5	-
12	Bituminous coal and lignite mining .....	157.1	158.2	170.5	170.0	-	134.5	135.6	146.3	145.7	-
13	<b>OIL AND GAS EXTRACTION</b> .....	270.6	271.2	282.8	287.1	-	182.1	183.1	192.4	195.0	-
131,2	Crude petroleum and natural gas fields .....	136.6	134.8	137.4	139.7	-	70.0	68.8	69.5	70.6	-
138	Oil and gas field services .....	134.0	136.4	145.4	147.4	-	112.1	114.3	122.9	124.4	-
14	<b>NONMETALLIC MINERALS, EXCEPT FUELS</b> .....	121.0	121.6	122.7	122.6	-	98.8	99.4	99.8	99.6	-
142	Crushed and broken stone .....	42.9	43.1	43.6	44.0	-	35.9	36.1	35.8	36.3	-
144	Sand and gravel .....	42.0	42.0	40.4	39.6	-	-	-	-	-	-
-	<b>CONTRACT CONSTRUCTION</b> .....	3,934	3,981	3,779	3,765	3,838	3,289	3,333	3,105	3,095	3,166
15	<b>GENERAL BUILDING CONTRACTORS</b> .....	1,161.8	1,175.3	1,100.3	1,101.3	-	960.9	973.7	887.1	890.7	-
16	<b>HEAVY CONSTRUCTION CONTRACTORS</b> .....	873.4	881.3	832.7	828.6	-	753.7	760.8	710.0	709.8	-
161	Highway and street construction .....	414.2	418.9	380.1	386.0	-	368.3	373.5	334.3	340.2	-
162	Heavy construction, n.e.c. .....	459.2	462.4	452.6	442.6	-	385.4	387.3	375.7	369.6	-
17	<b>SPECIAL TRADE CONTRACTORS</b> .....	1,898.3	1,924.5	1,845.9	1,835.3	-	1,574.0	1,598.5	1,508.0	1,494.3	-
171	Plumbing, heating, air conditioning .....	463.3	470.4	448.3	446.8	-	366.6	374.1	349.4	347.8	-
172	Painting, paper hanging, decorating .....	143.0	145.7	141.5	145.3	-	126.2	128.9	123.6	127.2	-
173	Electrical work .....	348.1	351.7	344.4	348.5	-	281.3	285.5	275.9	279.3	-
174	Masonry, stonework, and plastering .....	214.6	214.7	199.8	196.6	-	193.1	193.1	177.2	174.6	-
176	Roofing and sheet metal work .....	128.5	130.9	129.7	131.3	-	105.7	108.1	106.6	107.5	-
-	<b>MANUFACTURING</b> .....	19,729	20,018	20,107	19,833	20,008	14,458	14,727	14,724	14,441	14,600
19,24,25, 32-39	<b>DURABLE GOODS</b> .....	11,608	11,676	11,884	11,714	11,667	8,507	8,560	8,692	8,514	8,461
20-23, 26-31	<b>NONDURABLE GOODS</b> .....	8,121	8,342	8,223	8,119	8,341	5,951	6,167	6,032	5,927	6,139
	<i>Durable Goods</i>										
19	<b>ORDNANCE AND ACCESSORIES</b> .....	192.4	192.3	190.8	193.9	193.3	98.0	97.3	92.8	94.3	93.6
192	Ammunition, except for small arms .....	134.5	134.2	134.2	134.8	136.0	62.5	61.7	58.8	59.0	59.8
1925	Complete guided missiles .....	94.4	95.2	102.7	103.6	-	30.3	30.7	34.1	34.3	-
1929	Ammunition, exc. for small arms, nec .....	40.1	39.0	31.5	31.2	-	32.2	31.0	24.7	24.7	-
24	<b>LUMBER AND WOOD PRODUCTS</b> .....	644.0	650.6	660.3	653.9	652.6	556.8	562.8	565.7	559.8	557.9
241	Logging camps & logging contractors .....	74.3	75.5	83.1	83.7	84.1	-	-	-	-	-
242	Sawmills and planing mills .....	220.7	222.1	224.7	223.4	(*)	200.6	201.9	202.2	201.5	(*)
2421	Sawmills and planing mills, general .....	188.5	189.2	192.6	191.6	-	171.7	172.4	173.5	173.1	-
243	Millwork, plywood & related products .....	221.6	223.5	219.3	216.7	220.5	185.7	187.1	182.1	179.6	183.2
2431	Millwork .....	93.5	94.8	92.4	91.0	-	77.0	77.9	74.8	73.7	-
2432	Veneer and plywood .....	86.8	87.7	89.4	88.2	-	76.6	77.6	79.1	77.9	-
244	Wooden containers .....	27.6	28.0	27.8	26.6	26.2	24.8	25.1	24.8	23.6	23.4
2441,2	Wooden boxes, shooks, and crates .....	22.4	22.6	21.8	21.3	-	20.2	20.4	19.6	19.1	-
249	Miscellaneous wood products .....	99.8	101.5	105.4	103.5	(*)	82.3	84.2	87.1	85.1	(*)

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									
		July 1973	Aug. 1973	June 1974	July <sup>P</sup> 1974	Aug. <sup>P</sup> 1974	July 1973	Aug. 1973	June 1974	July <sup>P</sup> 1974	Aug. <sup>P</sup> 1974
<i>Durable Goods--Continued</i>											
25	<b>FURNITURE AND FIXTURES</b> . . . . .	512.3	530.3	522.6	501.4	512.9	421.5	437.7	430.6	410.4	420.0
251	Household furniture . . . . .	369.9	383.3	376.4	358.9	366.8	313.2	324.8	318.1	301.4	308.8
2511	Wood household furniture . . . . .	183.0	190.0	193.4	182.3	—	160.8	167.1	170.2	159.9	—
2512	Upholstered household furniture . . . . .	105.7	109.1	104.5	101.1	—	87.9	91.1	86.2	83.4	—
2515	Mattresses and bedsprings . . . . .	39.4	41.1	36.5	36.0	—	30.3	31.7	28.0	27.3	—
252	Office furniture . . . . .	40.5	41.7	43.7	42.6	—	31.8	33.2	35.1	33.8	—
254	Partitions and fixtures . . . . .	55.2	56.2	55.8	55.6	—	41.7	43.0	42.8	42.4	—
253,9	Other furniture and fixtures . . . . .	46.7	49.1	46.7	44.3	(*)	34.8	36.7	34.6	32.8	(*)
32	<b>STONE, CLAY, AND GLASS PRODUCTS</b> . . . . .	709.3	711.5	706.0	705.6	706.3	567.8	570.0	568.0	566.4	565.8
321	Flat glass . . . . .	26.6	26.6	25.1	24.5	—	19.0	19.1	17.8	17.3	—
322	Glass and glassware, pressed or blown . . . . .	141.5	139.3	139.4	140.0	140.7	121.8	119.8	120.5	121.0	121.1
3221	Glass containers . . . . .	80.3	78.3	78.5	78.4	—	70.6	68.7	69.5	69.4	—
3229	Pressed and blown glass, n e c . . . . .	61.2	61.0	60.9	61.6	—	51.2	51.1	51.0	51.6	—
324	Cement, hydraulic . . . . .	34.8	34.8	34.9	35.2	34.7	27.3	27.5	27.7	27.8	27.4
325	Structural clay products . . . . .	62.1	62.0	61.3	61.4	61.3	51.9	51.7	51.1	51.1	50.8
3251	Brick and structural clay tile . . . . .	27.5	27.4	26.9	26.8	—	23.9	23.8	23.1	23.1	—
326	Pottery and related products . . . . .	45.0	46.6	50.3	49.1	—	37.8	39.4	43.0	41.4	—
327	Concrete, gypsum, and plaster products . . . . .	216.7	217.8	209.3	211.2	213.5	170.8	171.6	165.3	166.5	168.1
328,9	Other stone and nonmetallic mineral products . . . . .	146.8	148.0	150.2	149.4	149.3	111.4	112.6	115.3	114.7	114.4
3291	Abrasive products . . . . .	30.6	30.7	31.4	31.2	—	21.9	22.0	22.7	22.3	—
33	<b>PRIMARY METAL INDUSTRIES</b> . . . . .	1,322.4	1,326.1	1,351.4	1,337.9	1,330.2	1,062.2	1,065.3	1,084.9	1,066.7	1,057.7
331	Blast furnace and basic steel products . . . . .	617.4	617.5	620.7	623.2	(*)	497.2	496.8	497.6	499.5	(*)
3312	Blast furnaces and steel mills . . . . .	533.2	531.9	533.5	537.2	—	430.8	429.1	429.0	432.1	—
332	Iron and steel foundries . . . . .	234.5	236.5	244.1	239.7	242.3	196.3	198.4	204.9	198.3	200.5
3321	Gray iron foundries . . . . .	148.8	150.5	154.7	151.3	—	126.4	128.0	131.6	127.9	—
3322	Malleable iron foundries . . . . .	25.7	25.9	24.7	25.3	—	21.5	21.9	20.7	19.8	—
3323	Steel foundries . . . . .	60.0	60.1	64.7	63.1	—	48.4	48.5	52.6	50.6	—
333,4	Nonferrous metals . . . . .	87.7	87.2	91.4	91.7	89.3	67.8	67.5	70.9	70.6	66.8
3334	Primary aluminum . . . . .	31.9	31.6	33.3	33.6	—	25.9	25.8	27.1	27.3	—
335	Nonferrous rolling and drawing . . . . .	215.0	216.0	219.9	215.2	215.8	162.5	163.2	166.0	160.6	160.3
3351	Copper rolling and drawing . . . . .	39.8	40.4	41.9	39.8	—	30.4	31.0	32.4	30.0	—
3352	Aluminum rolling and drawing . . . . .	70.2	70.2	71.4	69.6	—	52.1	52.4	52.2	50.2	—
3357	Nonferrous wire drawing and insulating . . . . .	83.1	83.7	84.0	83.4	—	64.1	64.3	64.7	64.1	—
336	Nonferrous foundries . . . . .	93.4	94.7	97.8	93.4	95.8	78.6	79.9	82.8	78.3	80.9
3361	Aluminum castings . . . . .	49.7	49.9	52.0	50.1	—	42.4	42.6	44.4	42.7	—
3362,9	Other nonferrous castings . . . . .	43.7	44.8	45.8	43.3	—	36.2	37.3	38.4	35.6	—
339	Miscellaneous primary metal products . . . . .	74.4	74.2	77.5	74.7	(*)	59.8	59.5	62.7	59.4	(*)
3391	Iron and steel forgings . . . . .	48.4	48.2	49.4	49.0	—	39.4	39.1	40.4	39.5	—
34	<b>FABRICATED METAL PRODUCTS</b> . . . . .	1,441.2	1,457.2	1,474.0	1,450.0	1,446.6	1,109.2	1,125.3	1,132.8	1,107.9	1,104.6
341	Metal cans . . . . .	70.1	70.2	68.3	68.5	69.0	60.4	60.7	59.1	59.4	59.9
342	Cutlery, hand tools, and hardware . . . . .	163.2	165.0	167.1	166.2	(*)	127.7	129.6	130.7	129.5	(*)
3421,3,5	Cutlery and hand tools, incl. saws . . . . .	69.7	71.5	77.0	75.2	—	55.0	56.5	60.6	58.9	—
3429	Hardware, n e c . . . . .	93.5	93.5	90.1	91.0	—	72.7	73.1	70.1	70.6	—
343	Plumbing and heating, except electric . . . . .	81.2	84.4	77.8	73.9	(*)	61.5	64.6	58.4	54.2	(*)
3431,2	Sanitary ware & plumbers' brass goods . . . . .	37.2	40.0	37.7	35.6	—	29.5	32.3	29.9	27.8	—
3433	Heating equipment, except electric . . . . .	44.0	44.4	40.1	38.3	—	32.0	32.3	28.5	26.4	—
344	Fabricated structural metal products . . . . .	456.5	459.3	475.0	471.3	(*)	329.2	331.7	339.2	335.9	(*)
3441	Fabricated structural steel . . . . .	104.6	105.6	107.7	105.5	—	76.2	77.2	77.9	76.3	—
3442	Metal doors, sash, and trim . . . . .	78.5	79.4	76.6	76.0	—	58.2	59.4	56.6	55.9	—
3443	Fabricated plate work (boiler shops) . . . . .	119.7	117.5	130.0	128.9	—	82.7	80.5	87.6	86.4	—
3444	Sheet metal work . . . . .	91.7	93.7	96.9	96.8	—	67.6	69.4	72.0	71.7	—
3446,9	Architectural and misc. metal work . . . . .	62.0	63.1	63.8	64.1	—	44.5	45.2	45.1	45.6	—
345	Screw machine products, bolts, etc . . . . .	103.4	103.7	109.5	108.5	108.2	81.9	83.0	87.6	86.4	86.0
3451	Screw machine products . . . . .	46.7	46.5	49.5	48.9	—	39.3	39.1	41.6	41.0	—
3452	Bolts, nuts, rivets, and washers . . . . .	56.7	57.2	60.0	59.6	—	42.6	43.9	46.0	45.4	—
346	Metal stampings . . . . .	239.3	244.0	234.8	227.8	232.1	194.0	198.2	191.8	184.1	188.0
347	Metal services, n e c . . . . .	93.4	95.3	96.5	93.5	94.1	77.7	79.7	80.2	77.5	78.0
348	Misc. fabricated wire products . . . . .	69.4	71.4	72.0	69.6	70.7	55.8	57.6	58.0	55.8	57.0
349	Misc. fabricated metal products . . . . .	164.7	163.9	173.0	170.7	(*)	121.0	120.2	127.8	125.1	(*)
3494,8	Valves, pipe, and pipe fittings . . . . .	103.0	102.9	110.4	109.1	—	72.2	72.3	77.9	76.2	—

See footnotes at end of table.

**ESTABLISHMENT DATA  
EMPLOYMENT**

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

SIC Code	Industry	(In thousands)									
		All employees					Production workers <sup>1</sup>				
		July 1973	Aug. 1973	June 1974	July 1974 <sup>p</sup>	Aug. 1974 <sup>p</sup>	July 1973	Aug. 1973	June 1974	July 1974 <sup>p</sup>	Aug. 1974 <sup>p</sup>
<i>Durable Goods--Continued</i>											
35	<b>MACHINERY, EXCEPT ELECTRICAL . . . . .</b>	2,036.2	2,048.5	2,176.4	2,154.4	2,136.0	1,369.0	1,378.5	1,469.0	1,443.4	1,409.0
351	Engines and turbines . . . . .	115.4	116.6	120.8	120.5	(*)	75.7	76.1	80.2	79.9	(*)
3511	Steam engines and turbines . . . . .	42.8	43.4	44.5	44.7	-	22.8	22.6	23.7	23.7	-
3519	Internal combustion engines, n e c . . . . .	72.6	73.2	76.3	75.8	-	52.9	53.5	56.5	56.2	-
352	Farm machinery . . . . .	149.5	147.2	167.0	160.7	-	108.3	106.5	122.9	117.2	-
353	Construction and related machinery . . . . .	316.2	317.1	333.9	336.0	330.9	211.6	212.4	222.6	223.4	216.3
3531,2	Construction and mining machinery . . . . .	173.9	174.3	184.2	184.9	-	119.6	119.6	125.3	125.3	-
3533	Oil field machinery . . . . .	49.3	50.0	52.8	53.4	-	34.0	34.8	37.4	38.0	-
3535,6	Conveyors, hoists, cranes, monorails . . . . .	41.9	42.4	45.3	45.6	-	25.9	26.4	28.3	28.0	-
3537	Industrial trucks and tractors . . . . .	35.8	36.3	36.7	37.1	-	24.6	25.0	24.0	24.3	-
354	Metal working machinery . . . . .	322.1	323.6	347.0	337.3	335.4	238.8	239.5	259.3	249.4	247.2
3541	Machine tools, metal cutting types . . . . .	66.9	67.7	71.0	70.3	-	44.3	44.8	47.6	46.4	-
3544	Special dies, tools, jigs, & fixtures . . . . .	121.0	121.1	130.6	124.2	-	98.4	97.9	106.2	100.4	-
3545	Machine tool accessories . . . . .	56.2	56.2	60.9	58.3	-	41.3	41.1	45.0	42.6	-
3542,8	Misc. metal working machinery . . . . .	78.0	78.6	84.5	84.5	-	54.8	55.7	60.5	60.0	-
355	Special industry machinery . . . . .	190.5	193.9	205.1	201.5	200.9	126.2	129.2	136.2	133.4	132.9
3551	Food products machinery . . . . .	40.5	41.0	44.1	43.8	-	26.7	26.9	29.6	29.3	-
3552	Textile machinery . . . . .	36.9	37.5	38.9	36.8	-	28.2	28.7	29.5	28.5	-
3555	Printing trades machinery . . . . .	28.6	28.7	30.0	28.4	-	17.8	17.9	18.5	17.0	-
356	General industrial machinery . . . . .	286.1	288.5	306.2	305.4	307.2	194.9	196.9	209.1	207.8	209.2
3561	Pumps and compressors . . . . .	80.5	81.0	83.5	84.2	-	50.0	50.8	52.1	52.2	-
3562	Ball and roller bearings . . . . .	53.7	53.9	57.0	56.6	-	41.8	41.8	44.6	44.0	-
3564	Blowers and fans . . . . .	36.3	36.5	39.4	39.2	-	23.7	23.7	25.8	25.7	-
3566	Power transmission equipment . . . . .	53.4	53.7	57.2	56.1	-	38.5	38.9	41.7	40.6	-
357	Office and computing machines . . . . .	266.1	268.7	294.4	297.7	298.5	120.4	122.4	135.2	135.2	135.4
3573	<b>Electronic computing equipment . . . . .</b>	190.8	193.3	213.5	216.3	-	69.2	71.3	79.8	79.7	-
358	Service industry machines . . . . .	160.6	160.9	159.0	157.9	155.5	113.8	114.1	112.1	110.2	107.6
3585	Refrigeration machinery . . . . .	111.6	110.8	109.3	109.6	-	80.9	80.3	78.4	77.8	-
359	Misc. machinery, except electrical . . . . .	229.7	232.0	243.0	237.4	234.6	179.3	181.4	191.4	186.9	183.7
36	<b>ELECTRICAL EQUIPMENT AND SUPPLIES</b>	1,992.9	2,005.8	2,035.9	2,011.8	1,962.2	1,372.8	1,380.8	1,393.0	1,370.6	1,326.3
361	Electric test & distributing equipment . . . . .	217.3	218.8	226.5	222.7	(*)	151.4	152.7	158.3	154.2	(*)
3611	Electric measuring instruments . . . . .	80.0	80.9	83.9	82.1	-	51.1	51.8	54.6	52.7	-
3612	Transformers . . . . .	57.6	57.9	61.7	60.4	-	42.9	43.3	46.1	44.6	-
3613	Switchgear and switchboard apparatus . . . . .	79.7	80.0	80.9	80.2	-	57.4	57.6	57.6	56.9	-
362	Electrical industrial apparatus . . . . .	231.1	231.8	242.7	241.4	243.0	166.1	166.8	175.3	174.1	173.6
3621	Motors and generators . . . . .	124.6	123.9	129.7	127.9	-	92.6	92.0	96.3	94.9	-
3622	Industrial controls . . . . .	64.2	65.2	68.0	68.3	-	42.6	43.4	45.9	45.8	-
363	Household appliances . . . . .	215.5	214.1	214.6	219.2	(*)	173.0	168.8	167.9	174.7	(*)
3632	Household refrigerators and freezers . . . . .	67.9	61.9	64.5	71.9	-	56.1	48.3	50.5	60.3	-
3633	Household laundry equipment . . . . .	29.4	31.5	30.4	29.1	-	24.0	25.6	24.0	22.7	-
3634	Electric housewares and fans . . . . .	53.0	54.7	57.9	57.4	-	42.4	43.7	46.2	45.5	-
364	Electric lighting and wiring equipment . . . . .	217.1	220.6	219.5	212.6	(*)	168.7	172.1	171.0	163.4	(*)
3641	Electric lamps . . . . .	40.0	40.4	38.2	37.1	-	35.5	36.0	34.1	32.6	-
3642	Lighting fixtures . . . . .	68.8	71.0	69.8	68.0	-	52.9	55.6	54.2	52.3	-
3643,4	Wiring devices . . . . .	108.3	109.2	111.5	107.5	-	80.3	80.5	82.7	78.5	-
365	Radio and TV receiving equipment . . . . .	146.2	148.7	139.9	138.3	139.6	109.5	112.1	102.6	101.2	102.9
366	Communication equipment . . . . .	436.6	438.3	438.6	437.0	(*)	226.0	226.1	225.3	224.2	(*)
3661	Telephone and telegraph apparatus . . . . .	151.9	152.0	150.7	148.9	-	98.9	99.0	98.6	97.6	-
3662	Radio and TV communication equipment . . . . .	284.7	286.3	287.9	288.1	-	127.1	127.1	126.7	126.6	-
367	Electronic components and accessories . . . . .	395.2	398.1	417.0	406.7	411.9	272.9	275.8	285.1	274.8	280.1
3671,3	Electron tubes . . . . .	53.6	53.4	53.7	53.3	-	37.6	37.2	36.6	36.3	-
3674,9	Other electronic components . . . . .	341.6	344.7	363.3	353.4	-	235.3	238.6	248.5	238.5	-
369	Misc. electrical equipment & supplies . . . . .	133.9	135.4	137.1	133.9	137.5	105.2	106.4	107.5	104.0	108.2
3694	Engine electrical equipment . . . . .	71.4	70.5	69.7	68.9	-	57.7	56.3	55.8	54.8	-
37	<b>TRANSPORTATION EQUIPMENT . . . . .</b>	1,834.3	1,803.8	1,788.2	1,741.8	1,743.3	1,311.5	1,279.8	1,271.0	1,225.1	1,238.6
371	Motor vehicles and equipment . . . . .	920.8	893.6	874.9	833.7	(*)	709.2	681.4	672.1	630.7	(*)
3711	Motor vehicles . . . . .	404.4	377.3	382.8	358.8	-	291.6	265.2	274.7	252.3	-
3712	Passenger car bodies . . . . .	47.7	46.3	42.3	38.2	-	37.9	36.2	34.4	29.8	-
3713	Truck and bus bodies . . . . .	43.2	43.0	44.1	43.3	-	34.7	34.4	35.2	34.5	-
3714	Motor vehicle parts and accessories . . . . .	397.2	398.5	376.5	364.5	-	322.5	322.9	304.5	291.0	-
3715	Truck trailers . . . . .	28.3	28.5	29.2	28.9	-	22.5	22.7	23.3	23.1	-
372	Aircraft and parts . . . . .	512.3	511.6	513.9	512.0	517.6	279.2	277.7	281.4	279.0	284.4
3721	Aircraft . . . . .	273.1	274.3	269.8	269.8	-	139.7	140.3	136.6	136.8	-
3722	Aircraft engines and engine parts . . . . .	144.5	142.8	146.5	146.3	-	78.4	76.5	80.7	79.6	-
3723,9	Other aircraft parts and equipment . . . . .	94.7	94.5	97.6	95.9	-	61.1	60.9	64.1	62.6	-
373	Ship and boat building and repairing . . . . .	179.0	180.0	192.1	191.2	186.8	144.7	145.4	152.9	152.2	148.7
3731	Ship building and repairing . . . . .	134.3	135.5	147.6	147.6	-	107.9	108.9	116.3	116.5	-

See footnotes at end of table.



# ESTABLISHMENT DATA EMPLOYMENT

52

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

SIC Code	Industry	(In thousands)									
		All employees					Production workers <sup>1</sup>				
		July 1973	Aug. 1973	June 1974	July <sup>p</sup> 1974	Aug. <sup>p</sup> 1974	July 1973	Aug. 1973	June 1974	July <sup>p</sup> 1974	Aug. <sup>p</sup> 1974
<i>Nondurable Goods--Continued</i>											
<b>TEXTILE MILL PRODUCTS--Continued</b>											
226	Textile finishing, except wool .....	84.7	86.7	83.5	79.6	81.0	71.5	73.6	70.4	66.5	67.8
227	Floor covering mills .....	64.2	66.9	63.8	62.3	-	51.3	54.1	51.3	49.6	-
228	Yarn and thread mills .....	150.9	152.9	152.0	144.8	(*)	139.3	141.0	139.5	132.6	(*)
229	Miscellaneous textile goods .....	72.0	74.3	68.9	68.6	(*)	59.2	61.7	56.7	56.3	(*)
23	<b>APPAREL AND OTHER TEXTILE PRODUCTS...</b>	1,270.4	1,346.4	1,303.3	1,236.7	1,283.0	1,094.4	1,169.2	1,126.8	1,063.7	1,105.7
231	Men's and boys' suits and coats .....	103.1	107.2	97.5	94.4	98.1	90.3	93.7	84.8	82.3	85.0
232	Men's and boys' furnishings .....	377.6	390.6	382.9	360.6	376.7	325.3	338.3	330.1	308.8	322.5
2321	Men's and boys' shirts and nightwear ...	115.5	118.2	118.4	113.7	-	101.7	104.4	104.4	99.6	-
2327	Men's and boys' separate trousers .....	83.3	84.8	83.1	77.5	-	73.2	75.2	73.3	68.1	-
2328	Men's and boys' work clothing .....	84.7	87.4	82.7	75.9	-	70.9	73.2	67.9	61.2	-
233	Women's and misses' outerwear .....	359.2	400.7	384.5	360.4	372.6	312.7	354.3	338.5	316.6	327.2
2331	Women's and misses' blouses and waists ...	30.7	43.5	42.2	40.0	-	26.1	38.7	37.4	35.2	-
2335	Women's and misses' dresses .....	171.7	188.7	178.7	164.4	-	151.9	169.7	159.7	146.9	-
2337	Women's and misses' suits and coats .....	64.3	68.6	64.0	61.5	-	55.7	59.9	55.7	53.3	-
2339	Women's and misses' outerwear, n e c ...	92.5	99.9	99.6	94.5	-	79.0	86.0	85.7	81.2	-
234	Women's and children's undergarments ...	105.5	110.3	107.7	101.3	106.2	90.0	94.4	92.2	85.9	90.9
2341	Women's and children's underwear .....	76.5	80.3	79.5	74.6	-	66.3	70.0	69.0	64.3	-
2342	Corsets and allied garments .....	29.0	30.0	28.2	26.7	-	23.7	24.4	23.2	21.6	-
235	Hats, caps, and millinery .....	15.7	16.0	16.9	16.8	-	13.7	14.0	15.2	15.0	-
236	Children's outerwear .....	74.6	74.2	74.2	72.9	72.3	65.4	64.9	64.8	63.3	62.7
2361	Children's dresses and blouses .....	31.6	30.5	30.9	30.2	-	28.6	27.4	28.1	27.4	-
237,8	Fur goods and miscellaneous apparel .....	65.5	69.0	70.3	68.0	-	55.7	59.5	59.7	57.4	-
239	Misc. fabricated textile products .....	169.2	178.4	169.3	162.3	(*)	141.3	150.1	141.5	134.4	(*)
2391,2	Housefurnishings .....	68.7	71.7	65.7	62.0	-	58.5	61.5	55.5	51.9	-
26	<b>PAPER AND ALLIED PRODUCTS...</b>	716.3	727.1	736.1	727.5	731.3	555.9	566.0	569.8	561.6	565.7
261,2,6	Paper and pulp mills .....	213.8	213.5	217.0	217.7	217.4	166.9	166.6	169.5	170.0	169.9
263	Paperboard mills .....	72.1	72.1	74.4	72.9	74.2	58.1	58.2	60.1	58.9	60.2
264	Misc. converted paper products .....	205.3	207.9	213.2	211.4	(*)	152.3	154.7	157.5	155.5	(*)
2643	Bags, except textile bags .....	45.5	46.2	47.7	46.7	-	37.1	38.0	38.7	38.1	-
265	Paperboard containers and boxes .....	225.1	233.6	231.5	225.5	228.2	178.6	186.5	182.7	177.2	180.2
2651,2	Folding and setup paperboard boxes .....	58.1	61.5	61.2	58.1	-	47.3	50.8	50.2	47.4	-
2653	Corrugated and solid fiber boxes .....	114.4	116.3	112.9	119.5	-	87.9	89.4	85.6	83.4	-
2654	Sanitary food containers .....	30.3	33.5	33.9	33.3	-	25.0	27.8	27.8	27.2	-
27	<b>PRINTING AND PUBLISHING...</b>	1,097.2	1,097.8	1,109.3	1,102.9	1,104.5	658.0	659.1	667.2	661.3	662.6
271	Newspapers .....	383.7	383.9	382.3	380.9	379.6	180.5	180.2	174.7	173.8	172.2
272	Periodicals .....	68.8	68.8	69.9	70.3	-	19.9	19.7	19.9	19.5	-
273	Books .....	101.2	100.6	108.8	108.0	-	54.7	54.0	60.9	60.5	-
275	Commercial printing .....	344.3	344.7	347.8	345.4	345.3	261.9	263.1	266.3	263.9	263.9
2751	Commercial printing, ex. lithographic .....	200.8	201.3	202.5	200.6	-	155.2	156.5	158.1	156.3	-
2752	Commercial printing, lithographic .....	133.3	133.1	134.3	134.1	-	99.1	99.0	100.3	99.9	-
278	Blankbooks and bookbinding .....	57.5	57.1	56.0	56.0	56.0	47.8	47.9	47.4	47.4	47.5
274,6,7,9	Other publishing & printing ind. ....	141.7	142.7	144.5	142.3	(*)	93.2	94.2	98.0	96.2	(*)
28	<b>CHEMICALS AND ALLIED PRODUCTS...</b>	1,041.0	1,040.6	1,065.1	1,065.5	1,068.0	606.0	607.0	620.9	617.8	618.2
281	Industrial chemicals .....	310.6	310.8	318.0	320.1	321.1	168.3	168.6	168.0	169.1	169.0
2812	Alkalies and chlorine .....	20.7	20.7	21.0	21.7	-	14.4	14.3	14.9	15.5	-
2818	Industrial organic chemicals, n e c ...	127.0	128.0	130.4	131.0	-	55.7	56.2	54.0	54.3	-
2819	Industrial inorganic chemicals, n e c ...	98.8	98.6	101.8	102.7	-	56.3	56.3	57.1	57.6	-
282	Plastics materials and synthetics .....	231.6	231.3	236.5	234.5	(*)	158.8	158.4	164.3	161.2	(*)
2821	Plastics materials and resins .....	94.7	94.9	97.4	96.7	-	59.3	59.5	61.8	60.5	-
2823,4	Synthetic fibers .....	124.1	124.3	126.8	125.7	-	90.6	90.7	93.9	92.3	-
283	Drugs .....	152.1	151.9	159.0	160.5	160.7	76.0	76.2	80.5	81.1	81.8
2834	Pharmaceutical preparations .....	122.2	122.1	127.4	128.7	-	59.3	59.5	62.4	62.9	-
284	Soap, cleaners, and toilet goods .....	126.3	129.4	128.1	128.8	129.6	71.5	74.4	73.7	74.2	74.3
2841	Soap and other detergents .....	39.5	39.8	38.7	39.0	-	26.3	26.5	25.8	25.9	-
2844	Toilet preparations .....	52.3	55.5	55.3	55.5	-	27.7	30.6	30.6	31.6	-
285	Paints and allied products .....	72.2	71.8	70.8	71.0	71.3	41.1	40.9	39.7	39.6	39.6
287	Agricultural chemicals .....	54.3	53.3	62.0	60.6	59.8	32.2	31.0	38.5	37.2	36.1
2871,2	Fertilizers, complete & mixing only .....	36.8	36.0	42.4	40.8	-	23.8	22.8	28.8	27.4	-
286,9	Other chemical products .....	93.9	92.1	90.7	90.0	88.8	58.1	57.5	56.2	55.4	53.8
2892	Explosives .....	23.9	23.4	22.0	21.6	-	15.9	15.5	14.5	14.2	-
29	<b>PETROLEUM AND COAL PRODUCTS...</b>	191.5	193.3	196.8	197.3	198.5	122.4	123.6	126.1	126.6	127.0
291	Petroleum refining .....	149.7	151.0	153.8	154.9	155.5	91.2	92.0	94.1	95.5	95.2
295,9	Other petroleum and coal products .....	41.8	42.3	43.0	42.4	(*)	31.2	31.6	32.0	31.3	(*)

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>				
		July 1973	Aug. 1973	June 1974	July 1974 <sup>P</sup>	Aug. 1974 <sup>P</sup>	July 1973	Aug. 1973	June 1974	July 1974 <sup>P</sup>	Aug. 1974 <sup>P</sup>
	<i>Nondurable Goods--Continued</i>										
30	<b>RUBBER AND PLASTICS PRODUCTS, N.E.C.</b>	682.0	691.6	700.5	685.3	697.5	537.9	547.2	553.6	538.2	552.1
351	Tires and inner tubes . . . . .	140.3	138.7	144.3	144.9	144.2	102.4	100.8	105.1	105.8	104.9
302,3,6	Other rubber products . . . . .	189.5	192.8	190.0	186.0	(*)	151.0	154.2	151.1	147.5	(*)
302	Rubber footwear . . . . .	26.6	27.4	27.8	26.2	-	22.9	23.5	24.0	22.3	-
337	Miscellaneous plastics products . . . . .	352.2	360.1	366.2	354.4	362.1	284.5	292.2	297.4	284.9	293.7
35	<b>LEATHER AND LEATHER PRODUCTS . . .</b>	288.4	302.3	299.6	287.9	298.8	246.6	259.7	257.5	246.4	255.5
351	Leather tanning and finishing . . . . .	22.6	22.8	22.8	22.2	(*)	19.4	19.5	19.5	18.8	(*)
354	Footwear, except rubber . . . . .	191.4	199.8	194.9	188.5	(*)	166.0	174.1	169.9	163.8	(*)
352,3,5-7,9	Other leather products . . . . .	74.4	79.7	81.9	77.2	82.2	61.2	66.1	68.1	63.8	68.3
316	Luggage . . . . .	16.8	17.5	17.3	16.4	-	13.0	13.7	13.8	13.0	-
317	Handbags and personal leather goods . . . . .	33.2	36.1	38.5	36.3	-	28.0	30.6	32.3	30.4	-
	<b>TRANSPORTATION AND PUBLIC UTILITIES . . . . .</b>	4,653	4,659	4,718	4,699	4,684	4,003	4,009	4,049	4,031	4,013
40	<b>RAILROAD TRANSPORTATION . . . . .</b>	581.1	582.3	591.2	591.2	-	-	-	-	-	-
4011	Class I railroads <sup>2</sup> . . . . .	523.4	524.3	534.0	534.1	-	-	-	-	-	-
	<b>LOCAL AND INTERURBAN PASSENGER TRANSIT . . . . .</b>	238.0	237.0	269.7	239.5	-	-	-	-	-	-
411	Local and suburban transportation . . . . .	64.9	66.1	67.3	66.2	-	60.7	61.9	63.2	61.9	-
412	Taxis/cabs . . . . .	95.8	94.7	92.7	90.4	-	-	-	-	-	-
413	Intercity highway transportation . . . . .	41.2	41.1	42.1	43.1	-	36.5	36.5	38.1	39.1	-
42	<b>TRUCKING AND WAREHOUSING . . . . .</b>	1,181.5	1,184.9	1,179.4	1,172.9	-	1,068.2	1,071.9	1,062.6	1,056.2	-
421,3	Trucking and trucking terminals . . . . .	1,095.0	1,099.6	1,091.5	1,084.7	-	993.5	997.8	986.3	980.1	-
42	Public warehousing . . . . .	86.5	85.3	87.9	88.2	-	74.7	74.1	76.3	76.1	-
43	<b>TRANSPORTATION BY AIR . . . . .</b>	364.9	370.8	361.0	364.8	-	-	-	-	-	-
431	Air transportation . . . . .	332.3	337.3	327.2	331.4	-	-	-	-	-	-
44	<b>PIPE LINE TRANSPORTATION . . . . .</b>	19.1	19.1	19.4	19.7	-	15.0	15.0	15.1	15.5	-
44,47	<b>OTHER TRANSPORTATION AND SERVICES</b>	324.3	322.3	336.7	340.1	-	-	-	-	-	-
44	<b>WATER TRANSPORTATION . . . . .</b>	214.2	212.5	219.2	221.4	-	-	-	-	-	-
47	<b>TRANSPORTATION SERVICES . . . . .</b>	110.1	109.8	117.5	118.7	-	-	-	-	-	-
48	<b>COMMUNICATION . . . . .</b>	1,186.3	1,185.0	1,194.3	1,201.7	-	913.5	912.0	915.4	921.4	-
481	Telephone communication . . . . .	995.8	993.8	1,005.1	1,012.1	-	774.8	772.0	776.0	781.8	-
482	Telegraph communication <sup>3</sup> . . . . .	24.5	24.3	21.0	21.0	-	16.4	16.3	14.5	14.5	-
484	Radio and television broadcasting . . . . .	135.9	136.8	138.3	138.7	-	109.3	110.6	111.2	111.4	-
49	<b>ELECTRIC, GAS, AND SANITARY SERVICES</b>	757.3	757.2	765.8	769.5	-	643.8	642.1	643.3	648.8	-
491	Electric companies and systems . . . . .	322.0	322.7	330.1	329.7	-	272.1	272.0	273.7	274.9	-
492	Gas companies and systems . . . . .	171.5	171.1	170.9	173.1	-	144.5	144.0	143.3	145.2	-
493	Combination companies and systems . . . . .	202.1	201.6	202.1	203.7	-	173.4	172.2	172.2	174.0	-
494	Water, steam, & sanitary systems . . . . .	61.7	61.8	62.7	63.0	-	53.8	53.9	54.1	54.7	-
50	<b>WHOLESALE AND RETAIL TRADE . . . . .</b>	16,262	16,279	16,677	16,631	16,587	14,420	14,427	14,772	14,710	14,664
50	<b>WHOLESALE TRADE . . . . .</b>	4,112	4,136	4,240	4,249	4,248	3,441	3,461	3,545	3,552	3,550
501	Motor vehicles & automotive equipment . . . . .	377.0	377.3	382.0	383.7	-	304.6	305.1	307.6	308.6	-
502	Drugs, chemicals, and allied products . . . . .	233.1	232.8	243.6	244.1	-	188.3	187.5	198.8	198.8	-
503	Dry goods and apparel . . . . .	161.1	162.4	160.6	159.1	-	125.0	126.1	125.1	123.8	-
504	Groceries and related products . . . . .	605.6	607.9	620.6	621.3	-	532.1	534.0	545.0	545.4	-
506	Electrical goods . . . . .	335.1	335.6	332.2	332.6	-	287.0	287.1	284.3	284.8	-
507	Hardware; plumbing & heating equipment . . . . .	186.7	189.0	192.5	194.4	-	158.8	160.4	162.6	165.0	-
508	Machinery, equipment, and supplies . . . . .	791.8	791.9	834.6	840.5	-	663.7	663.7	699.2	702.9	-
509	Miscellaneous wholesalers . . . . .	1,325.3	1,333.7	1,359.6	1,364.4	-	1,102.5	1,109.3	1,129.4	1,135.7	-
52-59	<b>RETAIL TRADE . . . . .</b>	12,150	12,143	12,437	12,382	12,339	10,979	10,966	11,227	11,158	11,114
53	<b>RETAIL GENERAL MERCHANDISE . . . . .</b>	2,446.8	2,454.1	2,576.4	2,558.5	-	2,244.3	2,247.0	2,365.5	2,343.3	-
531	Department stores . . . . .	1,603.3	1,601.9	1,694.4	1,677.4	-	1,471.3	1,465.1	1,557.0	1,539.4	-
532	Mail order houses . . . . .	120.7	124.5	125.9	124.8	-	113.1	117.0	118.4	117.2	-
533	Variety stores . . . . .	326.0	329.5	334.5	331.1	-	306.7	310.1	314.7	309.2	-
54	<b>FOOD STORES . . . . .</b>	1,866.5	1,850.6	1,948.3	1,943.8	-	1,731.9	1,717.7	1,803.4	1,804.5	-
541-3	Grocery, meat, and vegetable stores . . . . .	1,694.3	1,680.5	1,772.8	1,772.1	-	1,572.0	1,559.0	1,644.2	1,643.8	-

See footnotes at end of table.

**ESTABLISHMENT DATA  
EMPLOYMENT**

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

SIC Code	Industry	(In thousands)									
		All employees					Production workers <sup>1</sup>				
		July 1973	Aug. 1973	June 1974	July P 1974	Aug. P 1974	July 1973	Aug. 1973	June 1974	July P 1974	Aug. P 1974
-	<b>WHOLESALE AND RETAIL TRADE (Continued)</b>										
56	<b>APPAREL AND ACCESSORY STORES . . . . .</b>	730.8	725.6	730.2	711.5	-	645.9	640.0	642.9	625.2	-
561	Men's & boys' clothing & furnishings . . . . .	127.3	125.6	129.2	127.4	-	112.5	110.2	113.4	110.9	-
562	Women's ready-to-wear stores . . . . .	281.0	279.4	286.3	278.3	-	251.0	248.5	252.9	245.8	-
565	Family clothing stores . . . . .	101.3	98.3	98.3	95.1	-	94.1	91.1	90.8	87.6	-
566	Shoe stores . . . . .	150.6	152.3	145.9	141.8	-	125.9	128.6	123.5	119.9	-
57	<b>FURNITURE AND HOME FURNISHINGS STORES</b>	486.4	487.7	490.7	489.8	-	421.2	420.7	420.6	418.7	-
571	Furniture and home furnishings . . . . .	306.9	306.0	308.3	306.0	-	266.1	264.5	264.7	262.4	-
58	<b>EATING AND DRINKING PLACES . . . . .</b>	2,907.3	2,924.5	2,986.4	2,974.8	-	2,716.3	2,736.7	2,794.0	2,777.2	-
52, 55, 59	<b>OTHER RETAIL TRADE . . . . .</b>	3,712.3	3,700.1	3,705.1	3,703.1	-	3,219.0	3,204.0	3,195.4	3,188.9	-
52	Building materials and farm equipment . . . . .	623.8	618.5	630.4	631.6	-	540.7	535.3	543.2	544.3	-
55	Automotive dealers & service stations . . . . .	1,736.7	1,731.0	1,665.1	1,677.4	-	-	-	-	-	-
551, 2	Motor vehicle dealers . . . . .	825.9	825.1	773.4	775.4	-	695.6	693.6	643.4	644.7	-
553, 9	Other automotive & accessory dealers . . . . .	294.0	291.8	297.9	297.1	-	250.5	248.1	253.9	252.9	-
554	Gasoline service stations . . . . .	616.8	614.1	593.8	604.9	-	-	-	-	-	-
59	Miscellaneous retail stores . . . . .	1,351.8	1,350.6	1,409.6	1,394.1	-	-	-	-	-	-
591	Drug stores and proprietary stores . . . . .	472.9	472.1	490.0	485.1	-	426.2	425.2	438.0	431.3	-
594	Book and stationery stores . . . . .	65.8	65.7	69.0	66.9	-	56.3	56.3	59.0	56.7	-
596	Farm and garden supply stores . . . . .	121.6	120.6	133.6	131.2	-	-	-	-	-	-
598	Fuel and ice dealers . . . . .	98.7	98.8	96.6	96.0	-	84.4	84.0	82.0	81.2	-
-	<b>FINANCE, INSURANCE, AND REAL ESTATE<sup>4</sup> . . . . .</b>	4,113	4,121	4,181	4,199	4,201	3,205	3,207	3,223	3,232	3,230
60	Banking . . . . .	1,180.2	1,185.3	1,233.4	1,242.4	-	953.1	955.9	975.8	982.8	-
61	Credit agencies other than banks . . . . .	430.3	432.6	450.0	453.0	-	335.0	336.9	348.3	350.4	-
612	Savings and loan associations . . . . .	148.8	149.6	161.5	164.0	-	120.8	121.4	131.0	133.3	-
614	Personal credit institutions . . . . .	207.0	208.5	213.9	214.5	-	-	-	-	-	-
62	Security, commodity brokers & services . . . . .	185.3	181.5	171.8	169.1	-	153.4	150.2	139.4	136.6	-
63	Insurance carriers . . . . .	1,144.7	1,147.6	1,164.1	1,170.8	-	783.4	785.7	794.0	795.4	-
631	Life insurance . . . . .	577.3	577.5	582.4	584.7	-	333.9	334.4	340.0	339.0	-
632	Accident and health insurance . . . . .	104.5	105.4	110.2	110.6	-	87.5	88.2	92.3	92.5	-
633	Fire, marine, and casualty insurance . . . . .	403.6	405.1	414.1	417.6	-	311.7	312.7	313.7	315.5	-
64	Insurance agents, brokers, and service . . . . .	302.9	304.7	315.0	315.5	-	-	-	-	-	-
65	Real estate . . . . .	773.6	772.6	747.6	748.4	-	-	-	-	-	-
655	Subdividers and developers . . . . .	137.5	136.6	128.1	126.5	-	-	-	-	-	-
656	Operative builders . . . . .	59.2	57.8	43.4	43.2	-	-	-	-	-	-
656, 67	Other finance, insurance, & real estate . . . . .	96.2	96.2	99.5	99.3	-	-	-	-	-	-
-	<b>SERVICES . . . . .</b>	12,982	13,009	13,552	13,539	13,557	11,750	11,778	12,275	12,261	12,252
70	Hotels and other lodging places . . . . .	999.0	1,015.7	947.6	1,019.9	-	-	-	-	-	-
701	Hotels, tourist courts, and motels . . . . .	797.0	804.8	789.7	806.7	-	740.9	748.1	736.1	752.1	-
72	Personal services . . . . .	897.6	889.6	878.6	871.1	-	-	-	-	-	-
721	Laundries and dry cleaning plants . . . . .	425.6	419.3	403.8	401.0	-	386.6	380.1	364.6	361.8	-
722	Photographic studios . . . . .	38.8	39.6	40.7	40.0	-	34.2	35.0	35.9	35.1	-
73	Miscellaneous business services . . . . .	1,783.4	1,796.1	1,870.7	1,873.4	-	-	-	-	-	-
731	Advertising . . . . .	118.0	117.5	117.6	116.7	-	-	-	-	-	-
732	Credit reporting and collection . . . . .	85.0	84.4	85.2	85.1	-	-	-	-	-	-
734	Services to buildings . . . . .	343.2	346.8	373.6	370.7	-	-	-	-	-	-
76	Miscellaneous repair services . . . . .	198.3	199.8	205.5	205.5	-	-	-	-	-	-
78	Motion pictures . . . . .	199.0	201.4	194.1	193.3	-	-	-	-	-	-
781	Motion picture filming & distributing . . . . .	49.7	51.2	50.2	49.7	-	35.7	36.9	38.8	38.9	-
782, 3	Motion picture theaters and services . . . . .	149.3	150.2	143.9	143.6	-	-	-	-	-	-
80	Medical and other health services . . . . .	3,704.1	3,722.3	3,975.4	4,009.4	-	-	-	-	-	-
806	Hospitals . . . . .	2,110.6	2,110.5	2,208.5	2,230.4	-	1,935.2	1,936.2	2,024.1	2,044.6	-
81	Legal services . . . . .	294.6	292.2	307.4	312.9	-	-	-	-	-	-
82	Educational services . . . . .	1,040.7	1,019.3	1,190.7	1,079.6	-	-	-	-	-	-
821	Elementary and secondary schools . . . . .	342.1	335.1	422.4	362.3	-	-	-	-	-	-
822	Colleges and universities . . . . .	555.0	540.9	603.7	557.6	-	-	-	-	-	-
89	Miscellaneous services . . . . .	769.9	776.6	825.3	839.6	-	-	-	-	-	-
891	Engineering & architectural services . . . . .	360.4	363.0	393.0	398.1	-	-	-	-	-	-
892	Nonprofit research agencies . . . . .	118.0	119.2	125.0	130.0	-	-	-	-	-	-

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>				
		July 1973	Aug. 1973	June 1974	July 1974 <sup>p</sup>	Aug. 1974 <sup>p</sup>	July 1973	Aug. 1973	June 1974	July 1974 <sup>p</sup>	Aug. 1974 <sup>p</sup>
-	<b>GOVERNMENT</b> .....	13,051	12,971	14,204	13,610	13,573	-	-	-	-	-
91	<b>FEDERAL GOVERNMENT</b> <sup>5</sup> .....	2,616	2,617	2,703	2,721	2,713	-	-	-	-	-
	Executive .....	2,573.1	2,573.6	2,657.5	2,675.4	-	-	-	-	-	-
	Department of Defense .....	937.6	936.4	965.7	961.4	-	-	-	-	-	-
	Postal Service .....	672.9	676.1	698.8	698.2	-	-	-	-	-	-
	Other agencies .....	962.6	961.1	993.0	1,015.8	-	-	-	-	-	-
	Legislative .....	34.5	34.6	36.3	36.4	-	-	-	-	-	-
	Judicial .....	8.7	8.6	9.4	9.4	-	-	-	-	-	-
92,93	<b>STATE AND LOCAL GOVERNMENT</b> ...	10,435	10,354	11,501	10,889	10,860	-	-	-	-	-
92	State government .....	2,790.7	2,778.8	2,995.1	2,917.2	-	-	-	-	-	-
	State education .....	1,036.7	1,023.1	1,230.4	1,136.6	-	-	-	-	-	-
	Other State government .....	1,754.0	1,755.7	1,764.7	1,780.6	-	-	-	-	-	-
93	Local government .....	7,643.8	7,575.0	8,506.3	7,971.3	-	-	-	-	-	-
	Local education .....	3,901.8	3,840.5	4,844.0	4,165.0	-	-	-	-	-	-
	Other local government .....	3,742.0	3,734.5	3,662.3	3,806.3	-	-	-	-	-	-

<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.

\* Not available.

p=preliminary.

ESTABLISHMENT DATA

SEASONALLY ADJUSTED EMPLOYMENT

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

1967 - 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	65.6	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
1973	114.7	103.5	102.0	113.7	101.9	120.9	108.2	119.7	115.7	121.1	125.7	127.4	119.8	96.6	127.1
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	115.3	104.1	103.3	115.3	102.2	121.5	108.6	120.4	116.6	121.8	126.4	128.7	119.8	96.1	127.2
Oct	116.0	104.6	104.2	115.1	102.9	122.1	109.6	121.0	117.4	122.3	126.8	129.2	120.6	96.6	128.1
Nov	116.4	105.1	105.1	115.7	103.3	122.6	109.2	121.4	118.1	122.6	127.0	129.9	121.4	97.0	129.0
Dec	116.4	105.2	105.4	116.3	103.3	122.5	109.0	120.5	117.8	121.5	127.2	130.0	121.8	97.6	129.4
1974:															
Jan	116.2	104.4	106.7	113.3	102.9	122.6	109.9	120.7	118.7	121.3	127.4	130.1	121.8	97.5	129.4
Feb	116.6	104.5	107.0	117.1	102.3	123.3	110.1	121.1	118.9	121.8	127.9	130.9	122.8	98.2	130.5
Mar	116.6	104.1	106.9	116.1	102.1	123.4	109.7	121.2	118.9	122.0	128.0	131.1	123.2	98.4	131.0
Apr	116.8	104.2	107.5	114.1	102.4	123.7	109.6	121.6	119.2	122.5	128.1	131.2	123.8	98.6	131.7
May	117.1	104.3	108.3	114.2	102.5	124.1	109.5	122.0	119.5	122.8	128.5	132.0	124.0	99.2	131.8
June	117.1	104.1	108.5	112.2	102.6	124.2	109.2	122.0	119.6	122.9	128.4	132.3	123.8	98.7	131.7
July <sup>P</sup>	117.1	103.6	109.0	109.8	102.4	124.4	109.0	122.5	119.3	123.6	128.2	132.5	124.4	99.0	132.3
Aug <sup>P</sup>	117.2	103.2	108.5	110.5	101.8	124.8	108.9	122.5	119.4	123.5	128.5	133.2	125.2	99.1	133.4

<sup>P</sup>preliminary.

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

### SEASONALLY ADJUSTED EMPLOYMENT

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

(In thousands)

Industry division and group	1973					1974							
	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July <sup>P</sup>	Aug. <sup>P</sup>
<b>TOTAL</b> .....	75,747	75,961	76,363	76,679	76,626	76,526	76,813	76,804	76,941	77,136	77,101	77,100	77,177
<b>GOODS-PRODUCING</b> .....	24,171	24,215	24,349	24,450	24,468	24,296	24,317	24,231	24,239	24,268	24,225	24,105	24,010
<b>MINING</b> .....	634	633	639	644	646	654	656	655	659	664	665	668	665
<b>CONTRACT CONSTRUCTION</b> .....	3,676	3,700	3,694	3,711	3,732	3,636	3,757	3,725	3,659	3,662	3,599	3,522	3,544
<b>MANUFACTURING</b> .....	19,861	19,882	20,016	20,095	20,090	20,006	19,904	19,851	19,921	19,942	19,961	19,915	19,801
<b>DURABLE GOODS</b> .....	11,692	11,708	11,802	11,859	11,859	11,774	11,683	11,644	11,733	11,746	11,783	11,760	11,635
Ordnance and accessories .....	192	190	191	186	190	192	191	193	193	189	191	194	193
Lumber and wood products .....	631	631	634	637	645	645	647	648	654	650	640	637	633
Furniture and fixtures .....	527	525	528	528	527	527	523	522	523	524	522	511	509
Stone, clay, and glass products .....	694	696	701	701	707	704	702	703	697	701	691	694	689
Primary metal industries .....	1,323	1,339	1,353	1,357	1,354	1,343	1,331	1,316	1,320	1,322	1,328	1,323	1,328
Fabricated metal products .....	1,459	1,456	1,466	1,473	1,470	1,466	1,454	1,449	1,456	1,458	1,462	1,468	1,448
Machinery, except electrical .....	2,065	2,073	2,086	2,121	2,128	2,133	2,123	2,134	2,136	2,139	2,161	2,159	2,153
Electrical equipment .....	2,006	2,010	2,039	2,048	2,057	2,051	2,043	2,033	2,031	2,030	2,036	2,028	1,962
Transportation equipment .....	1,859	1,850	1,858	1,857	1,827	1,753	1,706	1,681	1,756	1,764	1,778	1,773	1,751
Instruments and related products .....	500	503	507	512	514	516	521	521	523	524	531	529	532
Miscellaneous manufacturing .....	436	435	439	439	440	444	442	444	444	445	443	444	437
<b>NONDURABLE GOODS</b> .....	8,169	8,174	8,214	8,236	8,231	8,232	8,221	8,207	8,188	8,196	8,178	8,155	8,166
Food and kindred products .....	1,706	1,719	1,735	1,749	1,753	1,754	1,755	1,764	1,750	1,747	1,725	1,721	1,742
Tobacco manufactures .....	72	70	72	75	75	76	76	77	77	76	76	76	72
Textile mill products .....	1,026	1,025	1,027	1,028	1,030	1,029	1,025	1,019	1,016	1,013	1,011	1,002	1,004
Apparel and other textile products .....	1,337	1,337	1,340	1,333	1,321	1,315	1,309	1,294	1,296	1,300	1,290	1,284	1,274
Paper and allied products .....	721	719	725	725	724	729	729	730	728	731	727	727	725
Printing and publishing .....	1,100	1,097	1,098	1,102	1,105	1,106	1,109	1,105	1,105	1,107	1,109	1,106	1,107
Chemicals and allied products .....	1,031	1,038	1,043	1,043	1,042	1,046	1,045	1,048	1,046	1,050	1,057	1,058	1,058
Petroleum and coal products .....	189	190	190	190	192	193	192	190	191	193	193	192	194
Rubber and plastics products, nec .....	591	633	687	694	693	693	690	686	684	685	696	694	697
Leather and leather products .....	296	296	297	297	296	291	291	294	295	294	294	295	293
<b>SERVICE-PRODUCING</b> .....	51,576	51,746	52,014	52,229	52,158	52,230	52,496	52,573	52,702	52,868	52,876	52,995	53,167
<b>TRANSPORTATION AND PUBLIC UTILITIES</b> .....	4,617	4,629	4,671	4,654	4,644	4,684	4,691	4,676	4,668	4,664	4,653	4,643	4,642
<b>WHOLESALE AND RETAIL TRADE</b> .....	16,352	16,388	16,465	16,520	16,398	16,417	16,472	16,487	16,549	16,594	16,602	16,664	16,661
<b>WHOLESALE TRADE</b> .....	4,099	4,111	4,137	4,163	4,152	4,184	4,192	4,190	4,202	4,211	4,215	4,207	4,210
<b>RETAIL TRADE</b> .....	12,253	12,277	12,328	12,357	12,246	12,233	12,280	12,297	12,347	12,383	12,387	12,457	12,451
<b>FINANCE, INSURANCE, AND REAL ESTATE</b> .....	4,064	4,078	4,088	4,095	4,101	4,109	4,124	4,127	4,130	4,145	4,140	4,133	4,143
<b>SERVICES</b> .....	12,906	12,995	13,044	13,122	13,128	13,136	13,215	13,240	13,248	13,329	13,365	13,378	13,449
Hotels and other lodging places .....	890	901	894	904	891	874	832	877	868	889	901	895	-
Personal services .....	894	895	892	891	892	881	879	875	873	873	866	871	-
Medical and other health services .....	3,711	3,733	3,758	3,778	3,798	3,822	3,848	3,876	3,895	3,932	3,952	3,982	-
Educational services .....	1,196	1,209	1,221	1,229	1,230	1,217	1,240	1,240	1,252	1,245	1,244	1,241	-
<b>GOVERNMENT</b> .....	13,637	13,656	13,746	13,838	13,887	13,884	13,994	14,043	14,107	14,136	14,116	14,177	14,272
<b>FEDERAL</b> .....	2,599	2,613	2,626	2,638	2,654	2,651	2,670	2,675	2,681	2,698	2,684	2,691	2,694
<b>STATE AND LOCAL</b> .....	11,038	11,043	11,120	11,200	11,233	11,233	11,324	11,368	11,426	11,438	11,432	11,486	11,578

<sup>p</sup> preliminary

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

58

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

Industry division and group	(In thousands)												
	1973					1974							
	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July <sup>P</sup>	Aug. <sup>P</sup>
<b>TOTAL</b> .....	51,442	51,592	51,856	52,044	51,915	51,781	51,948	51,855	51,917	52,039	52,003	51,930	51,857
<b>GOODS-PRODUCING</b> .....	18,135	18,155	18,257	18,322	18,347	18,157	18,156	18,079	18,086	18,092	18,040	17,928	17,815
<b>MINING</b> .....	483	483	488	491	495	501	503	500	504	507	507	508	506
<b>CONTRACT CONSTRUCTION</b> .....	3,041	3,063	3,049	3,057	3,081	2,974	3,090	3,063	3,000	2,995	2,935	2,868	2,889
<b>MANUFACTURING</b> .....	14,611	14,609	14,720	14,774	14,771	14,682	14,563	14,516	14,582	14,590	14,598	14,552	14,420
<b>DURABLE GOODS</b> .....	8,597	8,599	8,674	8,712	8,712	8,624	8,524	8,489	8,578	8,577	8,599	8,574	8,437
Ordnance and accessories .....	97	96	97	93	96	96	96	96	96	94	93	95	93
Lumber and wood products .....	544	544	546	548	555	555	557	557	561	555	546	543	540
Furniture and fixtures .....	434	434	434	434	434	434	430	430	430	430	430	420	417
Stone, clay, and glass products .....	554	554	562	561	568	565	565	565	559	563	554	556	550
Primary metal industries .....	1,066	1,082	1,093	1,096	1,094	1,079	1,067	1,053	1,055	1,058	1,063	1,054	1,059
Fabricated metal products .....	1,129	1,123	1,131	1,137	1,134	1,127	1,117	1,111	1,117	1,118	1,123	1,126	1,108
Machinery, except electrical .....	1,399	1,398	1,411	1,441	1,447	1,448	1,435	1,444	1,446	1,444	1,457	1,454	1,430
Electrical equipment and supplies .....	1,384	1,386	1,412	1,417	1,423	1,417	1,407	1,396	1,397	1,391	1,393	1,390	1,329
Transportation equipment .....	1,339	1,332	1,331	1,324	1,298	1,233	1,180	1,164	1,242	1,247	1,260	1,256	1,236
Instruments and related products .....	311	311	314	318	320	321	324	325	328	328	333	332	333
Miscellaneous manufacturing .....	340	339	343	343	343	349	346	348	347	349	347	348	342
<b>NONDURABLE GOODS</b> .....	6,014	6,010	6,046	6,062	6,059	6,058	6,039	6,027	6,004	6,013	5,999	5,978	5,983
Food and kindred products .....	1,144	1,157	1,171	1,184	1,191	1,196	1,196	1,204	1,190	1,189	1,167	1,165	1,181
Tobacco manufactures .....	60	57	59	62	62	63	63	64	64	63	62	63	60
Textile mill products .....	902	899	902	903	904	904	899	893	890	888	886	876	879
Apparel and other textile products .....	1,161	1,160	1,161	1,155	1,144	1,137	1,131	1,118	1,120	1,123	1,116	1,108	1,098
Paper and allied products .....	561	558	563	562	560	565	565	565	563	565	562	562	561
Printing and publishing .....	662	661	662	664	666	666	668	662	661	663	668	666	665
Chemicals and allied products .....	603	606	610	608	609	611	607	611	607	609	614	617	614
Petroleum and coal products .....	120	120	120	120	122	123	120	120	120	123	123	122	123
Rubber and plastics products, nec .....	547	538	543	549	547	545	542	538	537	538	550	546	552
Leather and leather products .....	254	254	255	255	254	248	248	252	252	252	251	253	250
<b>SERVICE-PRODUCING</b> .....	33,307	33,437	33,599	33,722	33,568	33,624	33,792	33,776	33,831	33,947	33,963	34,002	34,042
<b>TRANSPORTATION AND PUBLIC UTILITIES</b> .....	3,969	3,972	4,019	4,002	3,988	4,028	4,033	4,016	4,006	4,008	3,993	3,979	3,973
<b>WHOLESALE AND RETAIL TRADE</b> .....	14,489	14,527	14,596	14,657	14,517	14,528	14,599	14,599	14,654	14,687	14,691	14,738	14,726
<b>WHOLESALE TRADE</b> .....	3,423	3,432	3,456	3,483	3,468	3,494	3,502	3,506	3,509	3,519	3,520	3,513	3,511
<b>RETAIL TRADE</b> .....	11,066	11,095	11,140	11,174	11,049	11,034	11,097	11,093	11,145	11,168	11,171	11,225	11,215
<b>FINANCE, INSURANCE, AND REAL ESTATE</b> .....	3,153	3,162	3,165	3,171	3,169	3,162	3,174	3,178	3,181	3,186	3,185	3,169	3,176
<b>SERVICES</b> .....	11,696	11,776	11,819	11,892	11,894	11,906	11,986	11,983	11,990	12,066	12,094	12,116	12,167

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

p=preliminary.

**ESTABLISHMENT DATA  
STATE AND AREA EMPLOYMENT**

60

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

(In thousands)

	State and area	TOTAL			Mining			Contract construction			Manufacturing		
		July 1973	June 1974	July 1974 <sup>P</sup>	July 1973	June 1974	July 1974 <sup>P</sup>	July 1973	June 1974	July 1974 <sup>P</sup>	July 1973	June 1974	July 1974 <sup>P</sup>
1	ALABAMA	1,145.7	1,162.6	1,158.7	8.8	9.5	9.4	71.5	67.7	67.1	350.5	355.3	352.9
2	Birmingham	302.2	306.6	307.3	5.6	6.0	5.9	20.9	21.2	21.4	72.6	72.2	72.0
3	Huntsville	99.8	101.2	101.4	(1)	(1)	(1)	3.6	4.4	4.1	22.6	24.3	24.5
4	Mobile	116.3	117.7	115.5	(1)	(1)	(1)	8.4	7.9	6.4	26.8	26.7	26.6
5	Montgomery	88.5	90.7	90.4	(1)	(1)	(1)	7.8	8.4	8.4	14.5	14.8	14.9
6	Tuscaloosa	46.6	46.6	46.2	(1)	(1)	(1)	3.6	3.6	3.7	12.3	12.3	12.0
7	ALASKA	117.9	122.9	127.4	2.1	2.3	2.4	10.7	11.6	13.1	13.8	10.9	11.6
8	ARIZONA	696.3	720.2	720.6	25.1	27.2	27.2	65.2	60.3	60.2	108.3	111.5	111.3
9	Phoenix	419.3	432.8	433.0	.4	.4	.4	37.9	34.7	34.5	82.7	85.1	84.7
10	Tucson	132.9	139.4	138.4	8.0	8.5	8.6	13.7	12.5	12.7	11.9	12.0	12.1
11	ARKANSAS	628.7	642.6	639.4	4.4	4.7	4.7	36.2	36.6	37.7	201.8	208.0	204.9
12	Fayetteville-Springdale	48.3	49.1	49.6	(1)	(1)	(1)	2.5	2.7	2.9	17.0	17.5	17.5
13	Fort Smith	54.2	58.0	57.7	.3	.3	.3	2.4	2.2	2.2	20.6	23.8	23.4
14	Little Rock-North Little Rock	152.0	154.5	155.5	(1)	(1)	(1)	13.4	13.8	14.2	31.3	31.6	31.7
15	Pine Bluff	25.7	25.8	26.2	(1)	(1)	(1)	1.2	1.4	1.6	6.3	6.4	6.5
16	CALIFORNIA	7,690.8	7,903.3	7,777.6	31.1	32.2	32.5	355.7	348.6	263.0	1,665.2	1,681.3	1,683.9
17	Anaheim-Santa Ana-Garden Grove	516.9	555.1	543.0	1.9	1.9	1.9	28.5	30.5	21.5	144.6	152.1	153.9
18	Bakersfield	98.1	102.4	100.3	7.1	7.5	6.9	4.3	4.4	3.5	8.3	9.2	9.1
19	Fresno	139.7	144.6	143.3	.6	.7	.7	7.2	7.1	6.8	21.4	20.9	22.2
20	Los Angeles-Long Beach	3,058.9	3,128.5	3,079.6	10.7	10.8	10.9	111.8	110.0	76.5	829.3	841.1	836.2
21	Modesto	66.1	64.6	66.7	.1	.1	.1	4.5	4.1	3.9	18.4	15.3	18.1
22	Oxnard-Simi Valley-Ventura	106.3	112.4	110.7	1.6	1.6	1.6	4.9	5.1	3.5	15.1	15.9	15.2
23	Riverside-San Bernardino-Ontario	325.2	335.6	327.8	2.4	2.6	2.6	17.2	17.0	13.6	56.8	56.3	56.5
24	Sacramento	293.3	306.7	302.9	.2	.2	.2	14.3	13.5	11.5	22.3	22.7	22.4
25	Salinas-Seaside-Monterey	72.7	74.7	74.9	.6	.6	.6	3.4	3.1	3.0	8.0	8.8	8.7
26	San Diego	449.2	465.2	451.0	.5	.6	.6	27.7	26.7	15.5	68.9	72.3	72.0
27	San Francisco-Oakland	1,306.7	1,317.8	1,305.8	1.6	1.6	1.6	64.2	61.8	50.8	196.2	193.0	195.3
28	San Jose	447.4	465.7	465.8	.1	.1	.1	18.3	17.0	13.6	150.8	156.9	162.2
29	Santa Barbara-Santa Maria-Lompoc	89.3	92.8	90.5	.7	.7	.7	3.7	3.5	2.4	11.7	12.0	11.9
30	Santa Rosa	60.7	62.4	62.7	.3	.3	.3	3.7	3.6	3.5	8.8	9.2	9.4
31	Stockton	96.2	99.7	96.6	.1	.1	.1	4.1	3.7	3.4	19.5	18.9	19.2
32	Vallejo-Fairfield-Napa	73.9	77.2	76.5	.1	.1	.1	3.1	2.8	2.6	8.5	8.5	8.7
33	COLORADO	899.3	928.5	915.2	14.2	15.9	16.2	81.9	77.1	74.4	136.1	137.6	139.1
34	Denver	583.4	597.0	589.7	5.6	6.0	6.2	51.4	47.6	46.8	97.7	98.4	99.5
35	CONNECTICUT	1,244.5	1,288.1	1,279.4	(2)	(2)	(2)	64.1	61.6	62.8	416.6	439.7	434.2
36	Bridgeport	148.0	149.9	149.0	(2)	(2)	(2)	6.2	6.1	6.4	61.9	62.9	62.0
37	Hartford	335.5	348.3	345.2	(2)	(2)	(2)	16.3	16.5	16.3	85.7	89.8	89.3
38	New Britain	44.4	48.7	47.5	(2)	(2)	(2)	2.1	2.1	2.1	22.1	24.9	24.7
39	New Haven	162.7	164.6	164.2	(2)	(2)	(2)	8.7	8.6	8.9	41.1	41.8	41.6
40	Stamford	88.0	90.0	89.1	(2)	(2)	(2)	3.8	3.8	3.8	29.3	29.1	29.0
41	Waterbury	83.2	85.9	85.2	(2)	(2)	(2)	3.8	3.7	3.8	36.6	38.1	37.7
42	DELAWARE	236.9	237.2	239.2	(1)	(1)	(1)	16.9	16.5	16.4	73.8	72.0	73.9
43	Wilmington	206.9	207.4	209.7	(1)	(1)	(1)	16.0	15.4	15.3	69.7	68.6	70.5
44	DISTRICT OF COLUMBIA <sup>3</sup>	706.3	710.9	726.5	(1)	(1)	(1)	23.2	23.0	22.3	17.0	17.6	17.6
45	Washington SMSA	1,326.3	1,352.1	1,365.6	(1)	(1)	(1)	97.2	91.4	91.5	47.5	49.6	49.9
46	FLORIDA	2,671.3	2,779.0	2,734.5	9.0	9.8	9.9	272.6	261.5	260.7	366.7	377.2	369.8
47	Fort Lauderdale-Hollywood	226.5	234.1	230.3	(1)	(1)	(1)	31.2	27.9	26.8	26.8	27.0	27.0
48	Jacksonville	244.4	249.1	250.6	(1)	(1)	(1)	20.0	20.0	20.6	30.5	30.5	31.6
49	Miami	604.6	606.7	594.2	(1)	(1)	(1)	44.9	43.3	42.3	94.5	93.4	92.8
50	Orlando	228.8	229.3	228.3	(1)	(1)	(1)	30.7	21.3	21.2	28.9	28.7	28.1
51	Pensacola	79.6	81.7	82.3	(1)	(1)	(1)	8.4	8.4	8.6	14.4	14.7	14.8
52	Tampa-St. Petersburg	416.0	430.1	422.5	(1)	(1)	(1)	40.7	39.8	39.3	63.1	65.3	63.8
53	West Palm Beach-Boca Raton	133.0	142.0	139.5	(1)	(1)	(1)	17.6	18.5	18.8	19.8	20.0	20.1
54	GEORGIA	1,779.6	1,807.9	1,788.3	7.2	7.9	8.0	111.7	109.5	108.3	491.6	491.5	476.6
55	Atlanta	751.7	764.2	756.9	(1)	(1)	(1)	50.2	51.4	51.6	132.6	129.0	122.6
56	Augusta	96.8	101.4	101.6	(1)	(1)	(1)	6.0	6.8	6.8	32.2	32.7	32.9
57	Columbus	72.4	75.3	75.1	(1)	(1)	(1)	5.1	5.3	5.3	21.0	21.8	21.8
58	Macon	86.1	88.9	88.0	(1)	(1)	(1)	4.5	5.0	4.9	14.7	14.5	14.5
59	Savannah	72.6	73.0	72.5	(1)	(1)	(1)	5.3	5.0	4.8	16.3	16.4	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			
July 1973	June 1974	July 1974 <sup>P</sup>	July 1973	June 1974	July 1974 <sup>P</sup>	July 1973	June 1974	July 1974 <sup>P</sup>	July 1973	June 1974	July 1974 <sup>P</sup>	July 1973	June 1974	July 1974 <sup>P</sup>	
62.5	62.9	62.6	221.8	225.4	223.9	48.5	49.0	49.0	157.0	158.6	157.7	225.1	234.2	236.1	1
23.2	23.6	23.6	70.5	70.9	70.8	18.9	19.5	19.6	46.7	48.0	48.1	43.8	45.2	45.9	2
2.4	2.3	2.3	17.4	17.5	17.3	2.8	2.8	2.9	18.7	17.5	17.3	32.3	32.4	33.0	3
9.3	9.6	9.4	27.9	28.2	27.8	5.9	6.1	6.1	20.7	21.3	21.4	17.3	17.9	17.8	4
4.2	4.2	4.2	20.2	21.2	21.2	4.8	5.0	5.0	14.4	15.1	14.8	22.6	22.0	21.9	5
1.9	1.9	1.8	7.7	7.7	7.7	1.4	1.5	1.5	4.8	4.8	4.7	14.9	14.8	14.8	6
11.2	12.1	12.3	18.3	19.6	20.0	4.3	4.9	4.9	17.5	18.4	19.4	40.0	43.1	43.7	7
35.3	39.2	39.3	162.2	167.5	167.5	41.2	41.6	41.5	119.0	121.6	122.4	140.0	151.3	151.2	8
20.5	23.8	23.8	103.2	108.0	108.2	30.7	31.1	31.2	73.1	76.0	75.8	70.8	73.7	74.4	9
7.6	8.0	8.1	29.2	29.9	29.8	6.4	6.5	6.4	23.9	24.2	24.1	32.2	37.8	36.6	10
36.5	36.6	36.6	126.9	130.6	129.6	27.7	29.3	29.6	84.6	85.2	86.0	110.6	111.6	110.3	11
2.9	2.9	3.0	9.5	9.6	9.6	1.9	2.0	2.0	6.9	7.2	7.2	7.6	7.2	7.4	12
3.3	3.3	3.3	11.5	11.8	11.8	1.8	1.8	1.9	8.1	8.6	8.6	6.2	6.2	6.2	13
10.9	11.3	11.4	32.9	33.2	33.4	10.8	11.0	11.0	24.0	24.0	24.1	28.7	29.6	29.7	14
3.5	3.5	3.5	5.1	5.2	5.2	1.0	1.1	1.1	3.5	3.5	3.5	5.1	4.7	4.8	15
479.6	482.0	486.3	1,732.3	1,769.4	1,771.4	448.2	454.7	457.4	1,496.8	1,544.7	1,557.6	1,481.9	1,590.4	1,525.5	16
16.9	18.1	18.3	123.1	132.0	132.8	29.3	31.0	31.3	96.7	104.7	105.5	75.9	84.8	77.8	17
6.8	6.8	6.8	24.0	24.2	24.1	4.1	4.2	4.2	16.1	17.4	17.2	27.4	28.7	28.5	18
8.7	8.8	8.9	36.6	37.0	38.0	6.8	6.9	6.9	26.5	26.8	27.2	31.9	36.4	32.6	19
181.8	183.8	183.6	689.1	702.2	702.5	191.0	194.4	195.5	616.8	632.1	638.5	428.4	454.1	435.9	20
2.9	3.0	3.0	15.1	14.7	15.1	1.8	1.8	1.8	12.2	12.6	12.7	11.1	13.0	12.0	21
4.7	4.6	4.6	25.7	26.8	26.9	3.7	3.7	3.7	19.7	20.5	20.9	30.9	34.2	34.3	22
18.1	18.6	18.6	76.2	78.3	77.1	12.1	12.3	12.3	61.8	65.0	64.4	80.6	85.5	82.7	23
18.2	18.0	18.2	64.5	68.1	68.4	13.1	12.9	13.1	47.1	48.3	48.9	113.6	123.0	120.2	24
4.6	4.7	4.7	19.9	20.1	20.4	2.8	2.8	2.8	14.5	14.5	15.0	18.9	20.1	19.7	25
23.6	23.7	23.7	100.3	101.3	101.5	25.5	26.0	26.2	93.4	95.2	98.8	109.3	119.4	112.7	26
128.6	126.4	127.6	284.9	289.7	289.1	109.8	112.1	112.5	252.7	257.2	260.5	268.7	276.0	268.4	27
19.1	19.0	19.2	84.9	87.7	88.1	18.5	18.7	18.8	91.0	95.9	95.9	64.7	70.4	67.9	28
3.2	3.3	3.3	21.3	22.1	22.0	4.4	4.4	4.4	23.0	23.7	23.8	21.3	23.1	22.0	29
3.4	3.5	3.5	14.5	14.9	15.1	4.2	4.2	4.2	11.1	11.3	11.5	14.7	15.4	15.2	30
7.2	7.3	7.1	21.1	22.8	21.7	3.4	3.5	3.5	16.3	17.9	16.8	24.5	25.5	24.8	31
4.2	4.1	4.2	14.3	14.3	14.4	2.2	2.2	2.2	12.6	13.1	12.8	28.9	32.1	31.5	32
58.4	58.3	58.8	220.8	224.2	224.4	49.0	48.7	48.6	162.2	168.7	168.2	176.7	198.0	185.5	33
41.2	41.5	41.7	143.8	146.7	146.3	37.7	38.0	37.7	109.6	112.0	111.6	96.4	106.8	99.9	34
54.2	56.7	54.0	245.4	255.3	253.6	85.0	87.1	87.5	214.4	217.3	219.9	164.9	170.5	167.4	35
6.4	6.5	6.4	28.7	29.2	29.5	5.6	5.6	5.6	22.9	23.4	22.9	16.2	16.2	16.2	36
12.6	13.2	12.7	68.7	72.8	71.9	49.5	51.0	51.1	54.3	56.5	55.4	48.5	48.7	48.6	37
1.4	1.5	1.5	6.9	7.2	7.0	1.3	1.3	1.3	5.8	6.0	5.9	4.8	5.7	5.0	38
13.5	14.2	13.9	33.1	33.6	33.4	9.2	9.4	9.4	37.3	35.8	36.7	19.7	21.3	20.4	39
3.3	3.5	3.4	18.6	19.5	19.1	5.1	5.4	5.4	19.0	19.7	19.7	9.0	9.1	8.7	40
3.3	3.5	3.3	13.5	13.9	13.9	2.9	3.0	3.0	13.3	13.7	13.7	9.8	10.2	9.8	41
11.8	11.9	11.9	51.2	51.2	51.1	10.9	11.4	11.6	39.4	40.5	40.3	32.9	33.7	34.0	42
10.5	10.7	10.7	42.5	42.1	42.1	10.0	10.4	10.5	31.1	32.1	31.9	27.1	28.1	28.7	43
29.6	31.2	31.3	72.5	71.6	71.7	33.9	33.1	32.9	151.4	146.0	154.2	378.7	388.4	396.5	44
66.5	67.3	67.8	256.7	261.5	261.0	81.2	80.1	80.6	300.9	303.1	311.6	476.3	499.1	503.2	45
184.8	185.6	188.0	689.8	703.1	697.5	183.4	185.1	185.5	519.6	556.8	556.4	445.4	499.9	466.7	46
14.0	15.0	15.1	62.1	64.6	64.0	17.0	16.6	16.6	46.9	48.8	49.5	28.5	34.2	31.3	47
23.0	22.5	22.4	64.2	64.9	65.2	24.5	25.4	25.8	41.3	42.4	42.4	40.9	43.4	42.6	48
62.0	58.9	54.6	151.9	151.8	150.8	44.7	45.5	45.6	143.0	144.3	143.8	63.6	69.5	64.3	49
12.1	12.0	12.1	60.2	64.8	63.9	14.2	15.3	15.3	53.1	53.4	54.8	29.6	33.8	32.9	50
4.1	4.0	4.0	17.8	18.1	18.3	3.4	3.5	3.5	13.0	12.9	13.0	18.5	20.1	20.1	51
27.2	28.3	27.9	118.1	120.2	120.0	28.7	29.0	28.9	81.7	86.4	85.3	56.5	61.1	57.3	52
6.5	7.1	6.9	34.3	36.0	35.5	9.5	10.2	9.8	27.8	29.7	29.8	17.5	20.5	18.6	53
117.3	119.2	119.8	393.3	401.5	402.1	93.3	94.9	95.4	240.9	242.6	242.7	324.3	240.8	335.4	54
70.5	72.9	73.0	205.8	212.0	211.9	56.4	56.8	57.0	123.8	124.6	124.7	112.4	117.5	116.1	55
4.1	4.0	4.0	17.3	17.9	18.1	3.4	3.5	3.6	11.2	11.9	11.9	22.6	24.6	24.3	56
2.9	3.1	3.1	13.8	14.3	14.4	4.3	4.6	4.6	9.2	9.4	9.4	16.1	16.8	16.4	57
3.7	3.8	3.8	17.2	17.3	17.3	4.5	4.8	4.8	13.1	13.3	13.3	28.4	30.2	29.4	58
7.7	7.5	7.8	16.2	16.6	16.6	3.5	3.5	3.5	11.2	11.3	11.3	12.4	12.7	11.9	59

**ESTABLISHMENT DATA  
STATE AND AREA EMPLOYMENT**

62

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

(In thousands)

	State and area	TOTAL			Mining			Contract construction			Manufacturing		
		July 1973	June 1974	July 1974 <sup>P</sup>	July 1973	June 1974	July 1974 <sup>P</sup>	July 1973	June 1974	July 1974 <sup>P</sup>	July 1973	June 1974	July 1974 <sup>P</sup>
1	HAWAII .....	333.8	341.9	342.0	(1)	(1)	(1)	27.3	29.1	29.5	29.2	26.9	27.2
2	Honolulu .....	282.8	289.6	289.3	(1)	(1)	(1)	23.4	24.7	25.0	22.2	20.1	20.4
3	IDAHO <sup>4</sup> .....	253.1	258.3	262.2	3.4	3.7	3.7	16.8	10.1	15.0	46.8	47.7	47.2
4	Boise City <sup>4</sup> .....	55.7	55.6	56.9	(1)	(1)	(1)	4.3	3.3	4.1	6.0	5.1	6.2
5	ILLINOIS .....	4,407.2	4,447.9	4,453.8	23.5	23.4	23.9	205.9	174.5	188.6	1,343.3	1,351.8	1,340.4
6	Bloomington—Normal .....	43.0	43.2	(*)	(2)	(2)	(*)	2.0	1.5	(*)	7.4	7.3	(*)
7	Champaign—Urbana .....	60.3	59.7	(*)	(2)	(2)	(*)	3.7	3.1	(*)	6.2	5.9	(*)
8	Chicago SMSA <sup>5 6</sup> .....	3,008.6	3,047.3	3,029.6	4.2	4.1	4.1	135.5	124.3	127.5	912.8	917.8	902.1
9	Chicago—Northwestern Indiana .....	(*)	3,257.8	(*)	(*)	4.4	(*)	(*)	143.1	(*)	(*)	1,007.5	(*)
10	Davenport—Rock Island—Moline .....	139.8	143.3	(*)	(2)	(2)	(*)	8.2	7.7	(*)	44.5	47.0	(*)
11	Decatur .....	51.8	50.8	(*)	(2)	(2)	(*)	2.8	2.2	(*)	21.3	20.6	(*)
12	Peoria .....	135.8	136.1	(*)	(2)	(2)	(*)	9.2	7.0	(*)	49.1	50.1	(*)
13	Rockford .....	112.6	112.0	(*)	(2)	(2)	(*)	4.2	2.8	(*)	55.4	54.2	(*)
14	Springfield .....	72.7	72.5	(*)	(2)	(2)	(*)	4.2	2.6	(*)	8.9	9.5	(*)
15	INDIANA .....	2,019.8	2,034.2	2,037.1	7.0	7.4	7.4	97.5	91.9	95.3	756.1	745.0	748.2
16	Evansville .....	110.0	104.0	109.9	1.8	1.8	1.8	5.5	5.8	5.7	40.8	33.9	40.2
17	Fort Wayne .....	158.6	163.8	163.1	(1)	(1)	(1)	7.5	7.3	7.5	61.9	62.1	62.0
18	Gary—Hammond—East Chicago <sup>5</sup> .....	236.1	240.1	242.2	(1)	(1)	(1)	12.1	11.8	12.0	108.8	108.7	109.3
19	Indianapolis .....	454.4	455.7	454.1	(1)	(1)	(1)	22.3	21.2	21.7	127.5	127.8	126.9
20	Muncie .....	47.5	48.8	47.5	(1)	(1)	(1)	2.2	2.0	2.0	17.2	17.8	17.4
21	South Bend .....	102.1	103.8	103.9	(1)	(1)	(1)	4.8	4.7	4.9	33.1	33.9	33.4
22	Terre Haute .....	56.0	57.8	56.6	.9	.9	.9	1.9	2.2	1.8	16.9	17.5	16.9
23	IOWA .....	984.8	1,013.6	1,010.8	3.2	3.2	3.2	51.9	45.6	50.9	242.8	251.7	251.4
24	Cedar Rapids .....	70.2	73.4	73.1	(1)	(1)	(1)	3.9	3.6	3.9	24.9	26.7	27.0
25	Des Moines .....	147.0	147.4	149.6	(1)	(1)	(1)	7.3	2.8	7.1	26.3	27.7	26.8
26	Dubuque .....	39.0	40.6	39.9	(1)	(1)	(1)	1.8	1.4	1.8	15.8	17.4	17.2
27	Sioux City .....	47.0	47.4	49.0	(1)	(1)	(1)	2.9	2.0	3.6	12.0	14.0	14.0
28	Waterloo—Cedar Falls .....	56.1	58.4	57.7	(1)	(1)	(1)	2.5	2.5	2.7	21.5	21.8	21.9
29	KANSAS .....	752.6	774.4	768.2	9.7	9.9	10.1	36.9	39.2	39.8	160.4	161.4	161.6
30	Topeka .....	73.3	74.8	73.5	.1	.1	.1	3.6	3.0	3.1	11.1	11.1	11.0
31	Wichita .....	157.5	163.1	164.1	1.9	2.0	2.0	8.0	8.9	8.9	47.8	50.2	51.0
32	KENTUCKY .....	1,045.0	1,066.7	1,064.2	32.2	34.3	34.5	64.5	61.9	63.4	286.2	288.5	286.3
33	Lexington—Fayette .....	115.9	120.1	122.5	(1)	(1)	(1)	7.7	7.4	7.6	28.2	26.7	28.2
34	Louisville .....	368.2	370.5	372.3	(1)	(1)	(1)	20.5	19.0	19.3	118.0	118.7	117.6
35	LOUISIANA .....	1,162.1	1,170.7	1,169.6	52.8	52.8	52.9	81.5	78.4	81.4	183.8	181.3	181.1
36	Baton Rouge .....	138.8	144.4	145.0	.9	.8	.8	13.5	15.5	15.8	21.1	21.3	21.4
37	Lake Charles .....	46.9	47.5	47.4	1.3	1.3	1.3	4.6	4.6	4.9	10.5	10.9	11.1
38	Monroe .....	43.0	43.2	43.7	.4	.4	.4	3.9	3.7	3.9	6.9	7.0	7.1
39	New Orleans .....	405.7	412.3	413.0	13.9	14.6	14.8	29.7	25.3	29.1	54.6	52.0	51.9
40	Shreveport .....	117.0	117.6	118.2	3.7	3.8	3.8	7.6	7.7	7.7	25.3	24.0	24.0
41	MAINE .....	361.5	361.4	365.4	(1)	(1)	(1)	22.1	20.4	22.0	101.7	106.4	103.5
42	Lewiston—Auburn .....	30.0	31.1	29.9	(1)	(1)	(1)	1.5	1.5	1.5	11.4	11.8	10.5
43	Portland .....	70.1	71.1	70.4	(1)	(1)	(1)	4.6	3.9	4.3	13.8	15.0	14.6
44	MARYLAND <sup>3</sup> .....	1,424.8	1,473.4	1,462.7	1.5	1.5	1.5	114.9	114.4	116.0	257.2	258.2	256.1
45	Baltimore .....	844.8	871.1	862.8	.3	.3	.3	52.1	51.2	51.6	181.6	183.5	181.0
46	MASSACHUSETTS .....	2,330.4	2,393.7	2,357.5	(1)	(1)	(1)	118.7	112.0	114.5	604.9	628.1	603.9
47	Boston .....	1,289.3	1,311.5	1,293.2	(1)	(1)	(1)	60.6	58.7	58.5	252.9	256.4	249.7
48	Brockton .....	57.9	61.9	59.8	-	-	-	3.0	3.2	3.3	14.6	16.1	14.3
49	Fall River .....	45.1	46.3	44.6	(1)	(1)	(1)	(1)	(1)	(1)	19.1	20.1	18.5
50	Lawrence—Haverhill .....	81.4	86.1	84.0	(1)	(1)	(1)	2.2	2.3	2.2	35.0	39.5	36.6
51	Lowell .....	52.7	54.2	52.5	(1)	(1)	(1)	3.3	3.1	3.0	19.5	20.0	18.7
52	New Bedford .....	58.7	61.4	58.8	(1)	(1)	(1)	2.1	2.0	2.1	25.3	27.2	25.2
53	Springfield—Chicopee—Holyoke .....	190.9	194.9	192.2	(1)	(1)	(1)	8.7	9.0	9.0	61.6	64.2	62.1
54	Worcester .....	131.6	135.9	132.1	(1)	(1)	(1)	5.5	5.1	4.7	42.2	44.8	42.1
55	MICHIGAN <sup>6</sup> .....	3,226.1	3,249.2	3,221.2	12.8	12.9	13.0	137.8	122.7	125.0	1,143.4	1,111.5	1,090.3
56	Ann Arbor .....	107.4	110.1	105.8	(1)	(1)	(1)	3.2	2.7	2.6	38.4	36.0	31.9
57	Battle Creek <sup>7</sup> .....	66.2	65.3	65.2	(1)	(1)	(1)	2.2	2.0	2.1	26.5	25.5	25.4
58	Bay City <sup>6</sup> .....	32.3	31.2	31.2	(1)	(1)	(1)	1.6	1.0	1.0	10.3	9.9	9.8
59	Detroit <sup>7</sup> .....	1,629.0	1,680.4	1,668.0	1.4	.9	.9	65.4	62.1	64.5	594.3	590.5	580.9
60	Flint <sup>7</sup> .....	178.5	165.8	165.8	(1)	(1)	(1)	7.5	3.3	7.0	78.8	70.6	69.2

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			
July 1973	June 1974	July 1974 <sup>P</sup>	July 1973	June 1974	July 1974 <sup>P</sup>	July 1973	June 1974	July 1974 <sup>P</sup>	July 1973	June 1974	July 1974 <sup>P</sup>	July 1973	June 1974	July 1974 <sup>P</sup>	
25.5	25.0	25.7	82.0	83.9	84.7	21.9	22.4	22.7	70.2	71.7	72.1	77.7	82.9	80.1	1
21.3	20.6	21.3	69.8	71.0	71.7	19.7	20.3	20.6	58.9	60.0	60.3	67.5	72.9	70.0	2
15.8	16.8	16.9	61.4	64.7	63.8	10.2	10.9	11.1	41.6	42.2	42.7	57.1	62.2	61.8	3
3.7	3.7	3.7	14.1	14.7	14.8	3.8	3.9	3.9	9.2	9.5	9.5	14.6	14.4	14.7	4
285.6	290.0	288.8	948.3	974.2	970.3	248.5	251.8	253.5	717.0	736.8	745.1	635.1	645.5	643.3	5
3.1	3.2	(*)	10.0	10.1	(*)	5.9	6.0	(*)	7.1	7.3	(*)	7.4	7.8	(*)	6
2.6	2.7	(*)	12.5	12.4	(*)	1.6	1.7	(*)	8.4	8.8	(*)	25.4	25.3	(*)	7
203.8	206.9	205.8	665.3	675.9	671.5	193.4	197.8	199.8	522.8	535.9	537.3	370.7	384.6	381.5	8
(*)	218.1	(*)	(*)	719.3	(*)	(*)	204.8	(*)	(*)	554.7	(*)	(*)	406.1	(*)	9
7.2	7.4	(*)	32.5	33.0	(*)	5.8	6.0	(*)	19.6	19.3	(*)	22.1	22.9	(*)	10
4.4	4.4	(*)	9.5	9.3	(*)	2.1	2.1	(*)	7.4	7.6	(*)	4.5	4.6	(*)	11
7.3	7.7	(*)	28.7	29.1	(*)	5.7	6.0	(*)	20.4	20.6	(*)	15.4	15.6	(*)	12
3.8	3.8	(*)	21.8	21.9	(*)	3.6	3.7	(*)	14.6	15.2	(*)	9.1	10.3	(*)	13
4.3	4.3	(*)	14.9	14.7	(*)	6.3	6.3	(*)	13.0	13.6	(*)	21.1	21.5	(*)	14
105.7	106.5	106.4	418.5	430.8	429.2	86.7	88.7	89.2	258.8	264.2	264.0	289.5	299.6	297.4	15
6.1	6.1	6.1	24.2	24.2	24.0	3.6	3.6	3.6	17.2	17.4	17.4	10.8	11.2	11.1	16
10.1	10.6	10.5	35.6	37.4	37.0	7.8	8.0	8.2	20.9	22.5	22.5	14.8	15.9	15.4	17
14.7	14.7	14.7	41.0	41.8	41.6	6.8	6.9	7.0	26.0	26.9	26.7	26.7	29.3	30.9	18
28.9	28.6	28.6	106.7	105.7	105.9	32.3	32.7	33.0	63.9	65.4	64.7	72.8	74.3	73.3	19
2.3	2.3	2.3	10.3	10.6	10.5	1.5	1.5	1.5	6.1	6.4	6.4	7.9	8.2	7.4	20
5.1	4.6	5.0	23.0	24.0	24.0	5.6	5.8	5.8	19.3	19.7	19.9	11.2	11.1	10.9	21
4.0	4.0	4.0	13.4	13.5	13.5	1.9	2.0	2.0	7.7	7.8	7.8	9.3	9.9	9.7	22
56.0	57.1	57.0	240.3	249.3	247.6	46.5	48.6	48.9	168.5	175.6	175.7	175.7	182.6	176.1	23
3.7	3.7	3.7	14.5	15.1	15.0	3.4	3.4	3.5	11.3	11.8	11.6	8.4	9.0	8.5	24
10.9	11.0	11.0	35.5	35.5	35.4	16.7	17.2	17.4	27.7	29.5	28.8	22.6	23.8	23.1	25
1.7	1.6	1.6	7.7	8.1	8.0	1.1	1.1	1.1	8.0	7.7	7.3	3.0	3.2	2.9	26
3.3	3.4	3.4	12.1	11.9	11.9	2.2	2.3	2.3	9.3	9.1	9.0	5.3	4.7	4.7	27
2.6	2.6	2.6	11.7	12.2	12.1	1.6	1.6	1.6	8.7	8.7	8.8	7.5	9.0	7.9	28
54.6	56.0	55.7	179.4	181.0	181.0	33.9	35.6	35.7	116.8	120.3	120.2	160.9	171.0	164.1	29
7.5	7.7	7.7	16.3	16.2	16.2	4.7	5.0	5.1	12.5	12.7	12.7	17.6	19.0	17.7	30
8.4	8.6	8.6	34.7	35.6	35.7	7.4	7.7	7.7	28.3	28.8	29.0	21.2	21.5	21.3	31
61.6	63.1	62.8	210.7	215.1	214.9	40.3	41.8	41.6	157.1	160.9	161.0	192.4	201.1	199.7	32
6.1	7.5	7.6	23.6	25.4	25.7	5.0	5.7	5.7	17.1	18.4	18.7	28.2	29.0	29.0	33
24.2	23.9	23.9	78.8	80.5	81.4	19.4	20.0	20.2	58.2	59.7	60.3	49.2	48.7	49.7	34
98.0	100.3	99.7	269.5	271.1	272.4	57.1	58.5	58.6	189.4	189.2	189.2	230.0	239.1	234.3	35
8.0	8.2	8.0	29.6	29.6	29.7	8.3	8.3	8.4	20.3	21.4	21.4	37.1	39.3	39.5	36
3.1	3.0	2.9	10.5	10.4	10.4	1.9	1.9	2.0	7.3	7.3	7.2	7.7	8.1	7.6	37
2.6	2.7	2.7	11.9	11.7	11.9	3.0	2.9	2.9	6.4	6.6	6.7	7.9	8.2	8.1	38
42.6	43.0	42.4	102.9	104.5	104.7	25.8	26.1	26.1	78.4	79.7	78.8	57.8	67.1	65.2	39
9.9	9.9	10.0	28.8	29.0	29.0	5.5	5.5	5.6	19.2	19.8	19.9	17.0	17.9	18.2	40
18.1	17.8	18.1	77.8	75.2	77.5	13.7	13.6	13.8	60.5	55.0	60.5	67.6	73.0	70.0	41
1.0	1.0	1.0	7.0	7.4	7.3	1.2	1.2	1.3	5.5	5.5	5.8	2.4	2.7	2.5	42
5.4	5.1	5.1	18.9	18.8	18.6	5.7	5.9	5.9	13.0	12.7	13.1	8.7	9.7	8.8	43
80.4	82.7	81.8	347.9	361.3	360.5	80.2	82.0	82.4	277.3	287.9	289.2	265.4	285.4	275.2	44
54.9	56.5	55.7	189.2	193.9	193.4	47.9	49.6	50.1	152.2	156.6	156.7	166.6	179.5	174.0	45
121.3	124.8	122.5	524.1	535.8	530.1	135.9	136.6	136.8	489.0	509.7	507.7	336.5	346.7	342.0	46
75.2	74.4	73.7	291.4	302.1	295.4	95.3	96.9	96.9	334.7	348.2	349.5	179.2	174.8	169.5	47
4.3	4.5	4.4	15.6	16.7	16.6	1.8	1.9	1.9	8.8	9.5	9.3	9.8	10.0	10.0	48
2.1	2.2	2.2	9.5	9.5	9.3	( <sup>i</sup> )	( <sup>i</sup> )	( <sup>i</sup> )	9.3	9.2	9.2	5.1	5.3	5.4	49
3.3	3.5	3.3	14.7	15.1	15.4	2.5	2.5	2.5	11.6	11.3	11.7	12.1	11.9	12.3	50
2.1	2.3	2.1	11.1	11.5	11.7	1.5	1.6	1.6	8.3	8.8	8.5	6.9	6.9	6.9	51
3.0	2.9	2.8	11.7	11.4	11.4	( <sup>i</sup> )	( <sup>i</sup> )	( <sup>i</sup> )	10.7	11.5	11.0	5.9	6.4	6.3	52
8.4	8.6	8.0	37.7	37.1	37.5	10.0	10.1	10.2	37.0	38.3	38.5	27.5	27.6	26.9	53
7.2	7.3	7.3	27.3	27.9	27.2	7.5	7.6	7.6	24.5	25.9	25.8	17.4	17.3	17.4	54
155.3	154.4	153.8	647.0	651.6	646.8	127.9	130.0	131.0	497.9	510.2	508.2	504.0	555.7	553.1	55
2.4	2.4	2.5	13.9	14.6	14.3	2.8	2.9	3.0	13.7	16.5	17.3	32.8	35.0	34.4	56
2.5	2.4	2.4	10.0	10.0	10.0	3.7	3.8	3.8	9.4	9.6	9.6	11.9	12.0	11.9	57
2.0	1.9	2.1	8.0	8.1	8.0	.9	.9	1.0	4.9	4.6	4.5	4.7	4.8	4.7	58
83.6	81.1	77.9	325.8	339.4	335.7	73.7	74.8	75.0	274.0	288.2	289.2	210.9	243.4	243.9	59
7.0	6.8	7.0	35.2	33.1	33.1	5.1	5.0	5.0	22.7	22.4	22.2	22.1	24.6	22.2	60

**ESTABLISHMENT DATA  
STATE AND AREA EMPLOYMENT**

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

(In thousands)

State and area	TOTAL			Mining			Contract construction			Manufacturing		
	July 1973	June 1974	July 1974 <sup>P</sup>	July 1973	June 1974	July 1974 <sup>P</sup>	July 1973	June 1974	July 1974 <sup>P</sup>	July 1973	June 1974	July 1974 <sup>P</sup>
<b>MICHIGAN—Continued</b>												
1 Grand Rapids <sup>6</sup>	212.7	215.1	212.1	(1)	(1)	(1)	11.2	10.9	10.8	79.4	78.8	77.7
2 Jackson <sup>6</sup>	52.4	52.5	52.3	(1)	(1)	(1)	2.2	2.0	2.1	18.5	17.9	17.7
3 Kalamazoo—Portage <sup>7</sup>	91.1	92.9	92.4	(1)	(1)	(1)	3.9	4.0	4.1	34.6	33.9	33.9
4 Lansing—East Lansing <sup>7</sup>	154.2	156.9	154.5	(1)	(1)	(1)	7.6	6.0	6.9	41.9	35.4	36.0
5 Muskegon—Muskegon Heights <sup>7</sup>	56.4	56.2	55.5	(1)	(1)	(1)	2.5	2.2	2.3	23.0	22.8	22.1
6 Saginaw <sup>6</sup>	80.1	79.3	77.6	(1)	(1)	(1)	2.9	2.4	2.6	34.5	32.7	30.9
<b>MINNESOTA</b>	1,447.0	1,508.4	1,493.1	15.2	15.3	15.8	77.1	74.4	77.5	334.9	345.3	348.1
8 Duluth—Superior	55.8	55.4	55.3	(1)	(1)	(1)	2.5	2.1	2.1	7.9	7.5	7.8
9 Minneapolis—St. Paul	864.0	910.7	901.8	(1)	(1)	(1)	43.2	41.9	43.4	213.0	225.7	225.5
<b>MISSISSIPPI</b>	672.9	692.2	688.3	6.2	6.3	6.3	45.4	43.7	43.6	218.5	219.6	218.4
11 Jackson	109.3	112.8	111.5	.8	.8	.8	9.1	8.0	7.7	16.8	17.2	17.1
<b>MISSOURI</b>	1,759.3	1,772.1	1,754.9	8.1	8.0	8.4	82.0	72.2	79.1	457.4	455.0	438.2
13 Kansas City	545.5	550.4	544.6	.6	.5	.5	27.6	27.8	29.8	122.3	119.1	114.3
14 St. Joseph	34.3	34.5	34.9	(2)	(2)	(2)	1.9	1.9	2.1	9.2	9.5	9.9
15 St. Louis	915.6	892.4	895.6	2.7	2.1	2.6	41.3	20.2	37.7	268.4	258.1	251.3
16 Springfield	68.8	70.9	66.4	.2	.2	.2	3.8	3.1	3.8	19.7	19.4	15.7
<b>MONTANA</b>	233.4	245.2	249.4	6.4	7.0	7.1	15.5	13.5	18.9	25.5	25.5	20.3
18 Billings	36.3	38.5	38.5	(1)	(1)	(1)	2.2	1.7	2.1	3.7	3.9	3.9
19 Great Falls	27.8	28.2	28.1	(1)	(1)	(1)	2.1	1.6	1.9	2.0	1.9	1.9
<b>NEBRASKA</b>	541.1	557.0	556.5	1.8	1.9	1.9	33.8	31.3	32.1	92.4	92.8	92.2
21 Lincoln	82.4	84.0	85.3	-	-	-	5.0	4.3	5.1	13.0	13.6	13.6
22 Omaha	232.6	235.9	234.8	(2)	(2)	(2)	13.9	10.5	10.7	39.3	39.9	39.6
<b>NEVADA</b>	249.7	261.8	261.1	3.8	4.0	4.0	18.3	17.2	14.0	11.4	12.2	12.1
24 Las Vegas	133.1	142.5	140.9	.1	.1	.1	9.6	10.9	7.6	4.6	5.0	5.0
25 Reno	71.3	71.6	71.9	.2	.2	.2	5.7	3.8	3.9	4.6	4.7	4.6
<b>NEW HAMPSHIRE</b>	308.3	310.3	318.2	.4	.4	.4	18.6	19.6	20.2	93.6	97.2	94.2
27 Manchester	51.7	53.5	52.7	(1)	(1)	(1)	2.9	2.8	2.9	16.2	16.4	15.7
<b>NEW JERSEY</b>	2,789.2	2,842.5	2,808.9	3.5	3.6	3.6	135.8	133.2	132.1	833.6	828.8	811.8
29 Atlantic City	71.8	68.4	72.5	-	-	-	3.8	3.6	3.4	10.2	10.2	9.9
30 Camden <sup>8</sup>	286.8	294.8	286.2	.2	.2	.2	18.8	18.7	19.8	69.6	68.2	64.8
31 Hackensack <sup>9</sup>	346.9	356.5	347.7	(1)	(1)	(1)	15.2	13.1	12.2	113.9	116.7	113.8
32 Jersey City <sup>9</sup>	241.7	243.2	238.7	-	-	-	5.9	5.1	5.0	92.3	89.7	87.3
33 Long Branch—Asbury Park	139.8	142.9	144.6	-	-	-	8.6	8.7	8.9	23.9	23.3	23.5
34 Newark <sup>9</sup>	872.3	884.7	871.1	1.1	1.2	1.2	39.6	37.2	37.3	261.6	259.3	255.2
35 New Brunswick—Perth Amboy—Sayreville <sup>9</sup>	236.6	245.7	239.6	(1)	(1)	(1)	9.9	10.1	10.3	89.2	91.6	90.7
36 Paterson—Clifton—Passaic <sup>9</sup>	182.0	183.9	180.4	(1)	(1)	(1)	8.0	7.6	7.6	70.8	72.2	70.7
37 Trenton	146.6	148.2	146.4	(1)	(1)	(1)	3.7	3.0	3.3	39.6	38.7	38.0
38 Vineland—Millville—Bridgeton	51.9	51.9	52.1	(1)	(1)	(1)	2.1	2.2	2.2	20.9	19.5	19.5
<b>NEW MEXICO</b>	349.6	362.7	361.7	15.8	18.1	17.6	26.3	26.6	27.5	27.4	29.4	29.2
40 Albuquerque	140.8	146.1	146.4	(1)	(1)	(1)	13.8	12.6	13.2	14.5	15.5	15.6
<b>NEW YORK</b>	7,143.7	7,192.0	7,132.1	7.6	7.8	7.9	297.1	273.0	278.0	1,600.6	1,625.2	1,588.8
42 Albany—Schenectady—Troy	310.3	313.7	310.5	(1)	(1)	(1)	19.1	17.8	18.9	65.9	66.2	64.8
43 Binghamton	107.2	112.3	109.5	(1)	(1)	(1)	6.4	4.8	6.0	39.9	41.8	41.0
44 Buffalo	499.8	502.5	494.4	(1)	(1)	(1)	21.4	19.1	19.9	156.9	154.4	152.4
45 Elmira	39.7	40.2	39.6	(1)	(1)	(1)	3.0	2.5	3.0	14.3	13.8	14.0
46 Monroe County <sup>10</sup>	317.4	329.6	326.0	(1)	(1)	(1)	15.9	15.9	16.2	132.8	136.0	136.3
47 Nassau—Suffolk <sup>11</sup>	801.9	833.5	823.1	(1)	(1)	(1)	53.7	48.8	49.3	149.7	152.1	150.1
48 New York—Northeastern New Jersey	6,609.8	6,683.3	6,683.3	(*)	3.7	3.9	264.0	251.9	(*)	1,497.7	1,511.5	(*)
49 New York and Nassau—Suffolk <sup>9</sup>	4,730.3	4,772.2	4,729.0	2.1	2.1	2.1	185.4	179.3	179.0	869.8	882.1	853.9
50 New York SMSA <sup>11</sup>	3,928.5	3,938.7	3,905.9	2.0	2.0	2.0	131.7	130.5	129.7	720.1	729.9	703.8
51 New York City <sup>12</sup>	3,531.3	3,530.6	3,503.1	1.4	1.5	1.5	108.4	106.1	105.5	637.3	645.6	622.6
52 Poughkeepsie	84.8	87.2	88.1	(1)	(1)	(1)	3.4	3.5	3.5	28.7	30.3	30.7
53 Rochester	383.7	396.8	391.8	(1)	(1)	(1)	18.9	18.7	19.4	152.5	154.4	155.0
54 Rockland County <sup>12</sup>	74.1	77.7	77.7	(1)	(1)	(1)	4.9	5.1	5.1	14.4	14.6	15.1
55 Syracuse	238.5	245.4	241.5	(1)	(1)	(1)	14.5	13.2	14.7	61.7	62.1	60.8
56 Utica—Rome	114.2	116.2	114.7	(1)	(1)	(1)	4.7	4.4	4.4	34.0	35.5	34.8
57 Westchester County <sup>12</sup>	312.4	319.3	313.7	(1)	(1)	(1)	17.3	18.1	18.0	67.5	68.5	65.1
<b>NORTH CAROLINA</b>	1,980.4	2,042.7	2,013.0	4.1	4.3	4.4	131.4	130.0	130.4	794.6	795.8	787.2
59 Asheville	-	-	-	-	-	-	-	-	-	23.9	23.3	23.3
60 Charlotte—Gastonia	271.9	276.5	274.3	(1)	(1)	(1)	17.6	17.5	17.5	88.4	88.6	88.4

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			
July 1973	June 1974	July 1974 <sup>P</sup>	July 1973	June 1974	July 1974 <sup>P</sup>	July 1973	June 1974	July 1974 <sup>P</sup>	July 1973	June 1974	July 1974 <sup>P</sup>	July 1973	June 1974	July 1974 <sup>P</sup>	
9.2	9.3	9.3	47.2	49.2	48.0	7.9	8.2	8.2	34.7	35.0	35.0	23.1	23.7	23.2	1
4.4	4.4	4.4	9.4	9.9	9.9	1.4	1.5	1.5	8.0	8.2	8.3	8.4	8.6	8.5	2
3.0	3.1	3.1	17.5	18.6	18.5	2.9	3.0	3.0	13.8	14.4	14.5	15.3	16.0	15.4	3
4.0	3.9	3.9	29.3	29.5	29.8	6.9	6.9	7.0	21.1	24.1	23.8	43.4	50.4	47.3	4
3.3	3.2	3.2	10.5	10.7	10.6	1.5	1.5	1.5	7.5	7.7	7.7	8.0	8.1	8.0	5
3.6	3.8	3.9	16.1	15.4	15.0	3.1	3.4	3.5	11.8	12.0	12.1	8.3	9.6	9.6	6
91.4	93.9	92.5	355.4	373.4	371.8	72.3	73.5	74.4	256.0	269.5	268.1	244.9	263.1	245.0	7
7.0	6.7	6.6	14.2	14.1	14.0	2.0	2.0	2.0	11.3	11.4	11.4	10.9	11.4	11.3	8
59.3	60.0	59.5	212.4	224.9	223.1	54.6	55.0	55.8	161.6	170.7	171.0	119.9	131.9	122.9	9
35.6	37.1	37.0	132.9	139.8	139.9	25.1	25.7	25.8	79.0	83.0	83.9	130.2	137.0	133.3	10
7.6	7.8	7.8	24.8	26.4	26.4	8.4	8.7	8.7	18.6	19.3	19.2	23.1	24.6	23.8	11
126.2	128.4	128.5	403.2	404.7	404.4	97.1	100.0	100.3	291.3	298.2	296.7	294.0	305.6	299.3	12
51.9	51.8	51.4	136.5	136.6	137.4	35.6	36.3	36.2	94.7	95.6	95.4	76.3	82.7	79.6	13
2.2	2.3	2.2	8.6	8.3	8.3	1.6	1.6	1.6	5.5	5.5	5.6	5.3	5.4	5.2	14
64.7	65.3	65.4	199.5	199.4	198.9	48.2	49.2	49.3	166.2	168.5	167.3	124.6	129.6	123.1	15
4.7	4.8	4.7	18.3	18.7	18.8	2.6	2.8	2.8	11.5	12.2	12.3	8.0	9.7	8.1	16
19.9	20.1	20.3	58.5	62.1	63.0	9.6	9.9	10.0	44.0	47.4	48.5	54.0	59.7	55.3	17
3.9	4.1	4.2	11.5	12.2	12.3	1.8	1.8	1.9	7.6	8.1	8.3	5.6	6.7	5.8	18
2.4	2.5	2.5	8.0	8.0	8.0	1.8	1.8	1.8	5.8	6.1	6.1	5.7	6.3	5.9	19
39.8	41.5	41.7	136.6	142.3	143.3	32.0	33.4	33.5	96.8	98.8	98.3	107.8	115.0	113.5	20
5.3	5.4	5.4	17.1	18.0	17.9	5.7	5.9	5.9	14.5	14.5	14.6	21.8	22.3	22.8	21
22.0	22.8	22.6	58.2	59.5	59.3	18.6	19.4	19.4	44.5	45.5	45.8	36.3	38.4	37.3	22
16.4	16.9	17.1	48.4	51.0	51.5	10.6	11.1	11.1	100.8	106.4	108.3	40.0	43.0	43.0	23
8.6	8.9	9.0	25.6	27.2	27.5	5.6	6.0	6.0	61.3	65.5	66.6	17.7	18.9	19.1	24
5.7	5.7	5.8	15.5	16.2	16.1	4.0	4.2	4.2	24.6	25.6	26.0	11.0	11.2	11.1	25
12.6	13.0	12.7	63.3	65.8	67.0	13.4	14.0	14.4	63.7	54.7	64.4	42.7	45.6	44.9	26
3.6	3.7	3.6	12.0	12.8	12.9	3.4	3.7	3.7	9.2	9.3	9.3	4.4	4.8	4.6	27
182.0	184.6	182.2	611.8	623.0	620.8	134.3	136.6	138.3	476.9	482.5	486.8	411.3	450.2	433.3	28
3.7	3.4	3.4	22.0	20.5	22.8	3.3	3.2	3.3	17.0	15.7	17.4	11.8	11.8	12.3	29
15.2	14.9	14.4	71.8	74.7	73.6	13.1	12.6	12.7	50.0	53.1	52.1	48.1	52.4	48.6	30
19.2	18.2	17.8	92.3	97.5	94.5	14.5	14.7	14.9	55.7	58.1	57.9	36.1	38.2	36.6	31
32.2	32.2	32.0	42.1	42.2	41.3	8.4	8.5	8.6	29.1	30.0	29.4	31.7	35.5	35.1	32
5.7	6.0	5.7	36.8	37.5	39.1	5.1	5.2	5.3	31.4	31.4	31.4	28.3	30.8	30.7	33
66.1	65.3	64.0	169.1	173.6	168.3	58.9	60.7	61.1	155.4	157.6	160.8	120.5	129.8	123.2	34
16.3	17.0	16.6	49.9	50.2	48.8	5.2	5.2	5.2	29.4	30.4	31.0	36.7	41.2	37.0	35
7.8	8.2	8.2	39.9	40.2	39.4	8.2	7.9	8.1	26.6	26.8	26.3	20.7	21.0	20.1	36
5.8	5.6	5.5	21.6	22.0	21.8	5.6	5.6	5.6	33.9	35.9	35.5	36.4	37.4	36.7	37
3.1	3.2	3.3	8.6	8.9	9.0	2.3	2.3	2.3	6.7	6.6	6.6	8.2	9.2	9.2	38
22.8	22.9	22.9	78.4	81.5	81.5	15.5	16.5	16.5	66.3	66.5	67.3	97.1	101.2	99.2	39
8.0	8.4	8.4	34.0	35.3	35.4	8.0	8.5	8.5	31.1	31.7	31.7	31.4	34.1	33.6	40
470.7	465.2	458.2	1,459.2	1,472.0	1,455.3	598.1	596.5	598.9	1,452.6	1,460.8	1,470.3	1,257.9	1,291.5	1,274.8	41
17.2	17.4	17.4	61.7	61.9	61.5	13.8	13.8	13.8	55.5	57.0	57.2	77.1	79.5	76.9	42
4.5	4.4	4.4	19.3	20.2	20.0	3.4	3.4	3.4	14.1	14.0	14.5	19.5	23.6	20.2	43
31.7	30.8	30.3	107.3	108.4	107.9	20.4	20.6	20.7	83.9	85.4	85.0	78.3	83.7	78.3	44
1.6	1.6	1.6	8.0	8.3	8.1	1.0	1.1	1.1	6.2	6.1	6.2	5.7	6.8	5.6	45
11.1	11.7	11.8	54.4	56.9	55.3	13.1	13.4	13.6	55.7	58.0	59.4	34.3	37.8	33.5	46
34.8	36.9	34.8	211.7	224.9	222.0	42.6	44.5	45.0	159.0	165.3	169.1	150.4	161.0	152.9	47
492.4	487.0	(*)	1,374.7	1,401.3	(*)	596.7	598.2	(*)	1,325.3	1,347.8	(*)	1,055.3	1,081.7	(*)	48
350.8	347.0	340.9	981.4	998.7	984.1	501.5	501.1	502.4	1,029.7	1,046.3	1,043.7	809.6	815.6	822.9	49
316.1	310.0	306.1	769.7	773.8	762.1	458.9	456.6	457.4	870.8	881.2	874.7	659.2	654.6	670.1	50
293.1	286.9	283.4	680.0	680.9	669.9	439.5	437.0	437.6	782.6	791.8	783.8	589.1	580.8	598.7	51
2.8	2.8	2.8	13.8	14.1	14.3	2.6	2.7	2.7	13.9	14.0	14.9	19.5	19.9	19.2	52
14.0	14.6	14.8	68.2	71.0	69.2	14.6	14.8	15.0	65.0	67.3	69.0	50.6	56.0	49.3	53
3.8	3.8	3.8	15.5	16.9	16.8	2.6	2.6	2.7	14.6	15.0	16.0	18.4	19.4	18.4	54
14.3	14.9	14.8	52.7	52.8	52.6	14.2	14.6	14.7	41.0	42.5	42.6	40.2	45.3	41.2	55
4.8	4.5	4.5	21.2	21.2	21.1	5.3	5.3	5.3	17.2	17.6	17.6	27.1	27.7	26.9	56
18.6	18.7	18.3	71.7	73.4	72.8	16.4	16.6	16.6	71.9	72.3	72.7	49.0	51.7	50.2	57
105.0	104.8	105.0	359.9	359.4	359.1	85.4	90.6	90.8	246.9	258.4	266.7	253.1	299.4	269.4	58
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	59
24.2	24.1	23.9	63.1	62.5	62.6	18.2	17.6	17.6	34.4	35.9	36.0	26.0	30.3	28.3	60



**ESTABLISHMENT DATA  
STATE AND AREA EMPLOYMENT**

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

(In thousands)

	State and area	TOTAL			Mining			Contract construction			Manufacturing		
		July 1973	June 1974	July 1974 <sup>P</sup>	July 1973	June 1974	July 1974 <sup>P</sup>	July 1973	June 1974	July 1974 <sup>P</sup>	July 1973	June 1974	July 1974 <sup>P</sup>
1	<b>NORTH CAROLINA—Continued</b>												
2	Greensboro—Winston-Salem—High Point	332.1	339.4	335.1	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	18.2	18.3	18.2	145.6	144.7	144.4
3	Raleigh—Durham	195.9	206.6	203.9	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	13.8	14.0	14.2	34.5	35.5	35.5
4	<b>NORTH DAKOTA</b>	183.9	191.8	191.1	1.8	1.8	1.9	14.1	12.8	13.8	12.0	13.8	13.4
5	Fargo—Moorhead	46.4	49.7	49.2	.1	.1	.1	3.7	3.8	4.1	3.5	3.9	4.0
6	<b>OHIO</b>	4,115.8	4,239.5	4,193.6	23.5	23.8	24.3	180.6	172.6	181.1	1,426.2	1,416.5	1,409.0
7	Akron	253.5	266.0	262.0	.3	.3	.3	8.7	8.7	9.1	93.4	94.8	93.3
8	Canton	146.2	150.6	150.3	.5	.5	.5	5.5	5.3	5.8	61.5	62.0	62.1
9	Cincinnati	540.9	552.5	556.2	.5	.4	.4	25.9	21.8	25.9	165.5	165.2	166.3
10	Cleveland	863.9	886.3	876.4	1.2	1.3	1.3	32.2	31.7	32.7	288.5	287.3	284.4
11	Columbus	417.0	434.9	430.1	.9	.8	.8	21.2	21.9	22.4	91.4	87.6	88.1
12	Dayton	334.6	340.6	334.4	.5	.5	.5	13.9	13.5	13.9	116.9	112.3	109.9
13	Toledo	259.9	268.4	264.7	.4	.4	.4	11.0	11.5	11.4	83.6	82.1	82.9
14	Youngstown—Warren	212.3	216.0	214.7	.3	.3	.3	8.3	7.2	7.8	93.0	92.5	91.7
15	<b>OKLAHOMA</b>	851.7	877.1	872.7	36.3	37.3	37.4	49.0	44.3	47.1	151.1	155.7	154.8
16	Oklahoma City	303.1	312.3	311.0	7.4	7.9	8.0	19.1	19.2	19.6	43.1	42.6	42.3
17	Tulsa	210.9	214.7	216.0	13.0	13.1	13.1	13.6	11.4	12.4	47.7	49.9	50.0
18	<b>OREGON</b>	816.8	857.0	850.2	1.6	1.7	1.7	33.8	42.8	45.7	205.2	202.6	208.1
19	Eugene—Springfield	81.3	86.3	83.2	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	3.7	4.2	4.3	23.3	21.9	22.2
20	Portland	429.0	449.7	448.9	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	18.0	22.0	23.8	97.2	98.6	101.8
21	Salem	65.7	67.0	68.2	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	3.1	3.9	4.0	14.5	11.2	13.1
22	<b>PENNSYLVANIA</b>	4,491.4	4,539.8	4,491.0	39.8	40.9	41.2	229.9	209.2	215.6	1,471.8	1,496.4	1,476.2
23	Allentown—Bethlehem—Easton	245.5	255.0	252.7	.7	.6	.6	12.9	12.4	12.2	108.3	116.1	114.8
24	Altoona	51.2	52.6	52.2	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	2.7	2.4	2.4	15.3	15.3	15.0
25	Delaware Valley <sup>13</sup>	1,550.2	1,558.9	1,549.7	1.2	1.3	1.3	75.6	70.1	72.1	439.4	443.5	443.0
26	Erie	109.7	114.3	112.6	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	4.7	4.5	4.4	46.6	49.5	49.0
27	Harrisburg	202.3	208.7	206.9	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	12.4	12.5	12.1	42.6	41.3	41.6
28	Johnstown	82.8	84.8	84.4	6.5	7.0	6.9	3.3	3.0	3.0	24.3	24.6	24.7
29	Lancaster	137.2	140.2	139.3	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	8.7	8.5	8.6	58.7	58.9	58.8
30	Northeast Pennsylvania	243.0	244.4	243.5	1.9	1.6	1.6	14.2	10.8	11.1	82.1	84.7	82.3
31	Philadelphia SMSA	1,837.2	1,854.1	1,836.0	1.4	1.4	1.4	94.4	88.9	91.9	509.1	511.9	507.8
32	Philadelphia City <sup>14</sup>	869.4	861.9	856.7	-	-	-	29.8	28.2	28.8	203.3	200.2	199.2
33	Pittsburgh	886.2	900.4	896.5	10.4	10.9	10.9	44.5	44.8	45.7	264.7	267.6	268.0
34	Reading	128.4	132.5	129.2	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	5.5	5.0	5.0	53.2	54.6	52.5
35	Scranton <sup>15</sup>	88.5	88.1	87.4	.3	.3	.3	4.2	4.1	4.1	30.5	30.3	29.7
36	Wilkes-Barre—Hazleton <sup>16</sup>	128.5	132.5	130.6	1.5	1.2	1.2	8.5	6.1	6.2	47.3	50.2	48.5
37	Williamsport	46.8	47.8	47.0	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	3.0	2.7	2.8	19.0	18.9	18.5
38	York	139.8	143.1	139.8	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	9.4	6.9	7.1	59.5	62.2	61.2
39	<b>RHODE ISLAND</b>	361.8	362.0	355.8	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	16.7	15.6	15.7	119.9	126.9	120.1
40	Providence—Warwick—Pawtucket	376.9	376.2	370.5	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	17.2	15.7	15.9	136.4	142.3	135.9
41	<b>SOUTH CAROLINA</b>	1,001.8	1,053.4	1,054.6	1.9	1.9	1.9	74.9	82.6	82.2	377.2	380.5	376.7
42	Charleston	110.1	117.6	117.5	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	8.8	10.3	10.4	15.8	15.6	15.7
43	Columbia	138.3	145.9	(*)	( <sup>1</sup> )	( <sup>1</sup> )	(*)	11.5	11.2	(*)	24.5	25.7	(*)
44	Greenville—Spartanburg	227.1	234.1	232.4	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	19.6	19.1	19.2	100.4	103.4	101.3
45	<b>SOUTH DAKOTA</b>	208.3	214.1	214.0	2.6	2.6	2.7	12.4	11.2	11.0	20.4	20.4	20.4
46	Rapid City	23.5	23.1	22.9	.3	.3	.3	2.3	1.9	1.9	2.2	2.1	2.1
47	Sioux Falls	41.7	42.3	42.4	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	2.7	2.1	2.1	6.8	7.1	6.9
48	<b>TENNESSEE</b>	1,546.1	1,581.1	1,575.2	6.9	7.8	7.8	90.5	89.9	91.5	521.9	519.6	517.4
49	Chattanooga	155.9	154.4	153.8	.6	.6	.6	7.2	6.0	6.2	61.4	61.1	60.2
50	Knoxville	170.8	173.7	173.4	1.2	1.6	1.7	10.4	11.7	11.7	51.4	50.6	50.7
51	Memphis	326.4	328.3	327.2	.3	.2	.3	18.3	13.9	14.0	65.8	66.4	65.2
52	Nashville—Davidson	301.7	307.8	308.3	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	21.1	22.5	22.5	83.4	84.7	85.0
53	<b>TEXAS</b>	4,183.1	4,354.3	4,350.1	110.0	114.4	114.6	288.3	306.9	301.1	806.3	824.5	822.5
54	Amarillo	54.3	55.9	56.0	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	2.6	3.6	3.6	6.9	6.9	6.9
55	Austin	150.3	156.5	155.0	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	11.9	10.9	10.8	14.5	14.6	14.8
56	Beaumont—Port Arthur—Orange	120.7	123.5	123.2	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	8.5	9.0	8.9	39.9	41.8	41.9
57	Corpus Christi	91.3	90.8	90.5	3.1	3.3	3.3	9.5	9.4	9.1	12.0	11.7	11.5
58	Dallas	753.9	768.1	768.3	8.0	8.3	8.3	47.1	47.8	47.5	165.0	166.2	165.6
59	El Paso	126.5	126.9	127.2	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	9.2	8.9	9.0	28.9	31.2	31.2
60	Fort Worth	284.7	300.5	298.9	1.4	1.6	1.6	15.1	15.1	15.2	76.7	78.3	76.8

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			
July 1973	June 1974	July 1974 <sup>P</sup>	July 1973	June 1974	July 1974 <sup>P</sup>	July 1973	June 1974	July 1974 <sup>P</sup>	July 1973	June 1974	July 1974 <sup>P</sup>	July 1973	June 1974	July 1974 <sup>P</sup>	
21.8	21.0	21.1	58.9	59.6	59.6	15.2	15.9	16.1	41.3	42.2	42.5	31.6	37.7	33.2	1
9.4	10.2	10.3	38.3	39.1	39.3	13.5	14.7	14.7	36.1	37.6	37.4	49.8	55.5	52.5	2
12.8	13.2	13.3	52.6	54.1	54.6	7.9	8.2	8.3	35.1	37.2	36.8	47.6	50.7	49.0	3
3.4	3.4	3.4	14.4	15.2	15.1	2.7	2.9	2.8	9.6	10.3	10.3	9.1	10.1	9.4	4
224.6	230.7	230.4	860.0	897.4	895.3	178.1	182.9	184.2	660.2	695.9	691.9	562.5	619.8	577.4	5
16.1	16.5	16.5	52.7	54.7	54.6	8.7	8.8	9.0	40.7	42.8	42.9	32.8	39.4	36.3	6
7.0	7.5	7.5	28.9	30.2	30.3	5.2	5.3	5.3	23.2	24.2	24.3	14.4	15.5	14.4	7
34.7	34.5	34.6	119.2	123.6	123.8	28.4	28.9	29.1	95.7	102.5	102.7	71.0	75.5	73.3	8
47.3	49.8	49.8	192.0	199.5	199.4	44.7	44.7	45.1	149.5	156.3	155.5	108.5	115.6	108.2	9
22.7	22.6	22.8	96.5	102.6	102.0	30.7	31.9	32.3	75.6	78.6	79.5	78.0	88.9	82.1	10
13.0	13.0	13.0	65.1	66.7	66.5	11.3	11.7	11.9	54.5	59.5	57.4	59.4	63.4	61.4	11
17.9	17.8	17.7	59.1	60.9	60.7	9.0	9.2	9.3	44.6	46.8	46.4	34.3	39.7	35.9	12
10.5	10.8	10.8	42.0	43.5	43.5	6.3	6.3	6.4	30.8	31.8	32.1	21.1	23.6	22.0	13
55.6	56.6	56.7	195.5	203.3	202.7	44.9	46.3	46.7	132.3	136.9	137.7	187.0	196.7	189.6	14
19.3	20.2	20.2	72.8	75.6	75.7	19.5	19.5	19.6	46.5	48.8	48.9	75.4	78.5	76.7	15
16.7	17.4	17.4	48.7	50.4	50.6	11.8	11.6	11.7	38.1	39.0	38.9	21.3	21.9	21.9	16
53.5	52.6	52.9	193.1	197.2	198.2	43.9	45.1	45.3	136.9	143.9	142.5	148.8	171.1	155.8	17
4.8	4.8	4.8	18.4	19.4	19.3	3.7	3.8	3.7	12.3	13.9	13.6	15.1	18.3	15.3	18
32.1	32.1	32.1	107.4	110.7	110.9	29.4	30.3	30.5	81.0	84.4	83.1	63.9	71.6	66.7	19
2.3	2.4	2.4	13.5	13.7	13.8	3.6	3.6	3.6	9.7	10.2	10.0	19.0	22.0	21.3	20
266.4	261.3	258.3	880.7	885.7	876.7	208.7	210.1	210.5	757.7	780.1	787.3	636.4	656.1	625.2	21
13.6	13.2	13.1	44.0	43.5	43.8	7.7	7.9	7.9	33.6	34.5	34.0	24.7	26.8	26.3	22
7.0	7.5	7.5	9.8	10.3	10.3	1.5	1.5	1.5	8.1	8.4	8.5	6.8	7.2	7.0	23
87.6	88.6	88.9	316.1	320.2	316.0	98.6	98.8	99.0	305.0	305.7	304.2	226.7	230.7	225.2	24
5.8	5.8	5.9	20.3	21.1	21.1	4.2	4.4	4.4	16.2	16.3	16.2	11.9	12.7	11.6	25
14.6	14.7	14.8	40.1	42.0	41.5	9.8	10.6	10.6	32.6	34.4	34.8	50.2	53.2	51.5	26
5.3	5.9	5.9	15.1	15.3	15.2	2.6	2.7	2.7	13.0	13.2	13.6	12.7	13.1	12.4	27
5.9	5.8	5.7	26.8	27.1	27.0	4.0	4.1	4.2	22.5	23.8	23.9	10.6	12.0	11.1	28
13.1	12.6	12.5	46.6	49.6	49.6	9.0	9.2	9.2	41.9	40.4	42.3	34.2	35.5	34.9	29
102.7	103.5	103.3	387.9	394.9	389.6	111.7	111.4	111.8	355.1	358.9	356.3	274.9	283.2	273.9	30
59.3	61.8	62.1	169.8	166.2	163.4	69.9	69.6	69.8	178.8	180.9	180.7	158.5	155.0	152.7	31
59.3	57.3	57.0	188.0	192.7	191.7	40.8	41.6	41.8	165.6	168.8	169.7	112.9	116.7	111.7	32
6.4	6.8	6.6	23.4	23.8	23.7	5.5	5.3	5.3	19.4	20.4	20.5	15.0	16.6	15.6	33
5.3	4.9	4.8	18.5	18.1	17.9	3.1	3.2	3.3	16.3	16.7	16.8	10.3	10.5	10.5	34
7.4	7.1	7.0	23.8	26.8	26.7	4.7	4.8	4.8	17.2	17.4	17.5	18.1	18.9	18.7	35
2.2	2.1	2.2	8.7	9.0	8.6	1.9	2.0	2.0	7.0	8.0	8.0	5.0	5.1	4.9	36
6.4	6.1	6.1	28.6	28.5	28.0	3.3	3.3	3.2	17.9	19.4	18.5	14.7	16.7	15.7	37
15.5	15.6	15.4	73.4	72.6	70.4	17.1	17.5	17.5	63.5	63.2	63.1	55.7	50.6	53.6	38
15.1	15.0	14.8	75.5	75.5	73.3	16.6	16.9	16.8	63.8	63.6	63.5	52.3	47.2	50.3	39
43.0	43.8	43.9	177.3	190.4	190.7	38.5	42.2	42.5	118.6	130.2	131.1	170.4	181.8	185.6	40
6.4	6.7	6.8	24.0	25.0	25.0	4.7	4.7	4.7	14.8	16.0	15.9	35.6	39.3	39.0	41
8.5	8.9	(*)	28.0	29.5	(*)	9.4	9.7	(*)	19.2	19.9	(*)	37.2	41.0	(*)	42
10.3	10.7	10.7	39.6	40.5	40.5	8.0	8.3	8.4	29.2	29.8	30.6	20.0	22.3	21.7	43
12.0	12.5	12.5	54.1	53.7	53.8	8.0	8.6	8.5	42.6	45.3	45.4	56.2	59.8	59.7	44
1.6	1.6	1.5	7.0	6.8	6.9	.8	.8	.8	5.1	4.6	4.4	4.2	5.0	5.0	45
4.3	4.5	4.6	12.1	12.5	12.4	2.0	2.2	2.2	8.6	8.4	8.4	5.2	5.5	5.8	46
73.1	73.5	73.4	316.8	324.9	324.8	68.9	70.2	70.2	229.1	241.3	241.7	238.9	253.9	248.4	47
7.0	6.8	7.0	28.7	29.2	29.4	8.5	8.5	8.6	19.2	17.9	18.1	23.3	24.3	23.7	48
7.3	7.2	7.1	36.8	36.7	36.8	6.3	6.5	6.5	23.1	23.5	23.6	34.3	35.9	35.3	49
22.7	21.7	21.6	84.1	85.3	86.0	18.6	18.6	18.6	56.6	57.1	56.2	60.0	65.1	65.3	50
16.7	16.5	16.6	65.0	65.4	65.3	17.9	18.8	18.8	52.0	53.3	53.6	45.6	46.6	46.5	51
283.7	292.0	292.7	1,032.2	1,068.3	1,071.4	240.9	254.9	256.2	696.5	736.5	738.0	725.2	756.8	753.0	52
5.2	5.4	5.5	16.6	17.1	17.2	3.2	3.3	3.3	10.8	11.0	10.9	9.0	8.6	8.6	53
5.2	5.3	5.4	30.5	30.7	30.9	9.1	9.7	9.8	23.4	23.2	23.3	55.7	62.1	60.0	54
9.9	10.1	9.9	23.9	24.0	24.0	4.6	4.6	4.6	17.7	18.2	18.2	16.2	15.8	15.7	55
6.2	6.2	6.2	23.4	23.0	23.2	4.5	4.7	4.7	13.9	13.7	13.8	18.7	18.8	18.7	56
57.0	52.5	52.7	202.2	207.9	209.3	64.3	65.8	65.8	125.1	130.1	130.8	85.2	89.5	88.3	57
9.6	9.6	9.7	30.4	30.1	30.3	6.1	6.3	6.3	18.2	17.8	17.8	24.1	23.0	22.9	58
15.6	21.7	21.7	72.7	75.6	76.2	14.5	15.3	15.3	48.4	49.8	50.2	40.3	43.1	41.9	59

**ESTABLISHMENT DATA  
STATE AND AREA EMPLOYMENT**

68

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

(In thousands)

State and area	TOTAL			Mining			Contract construction			Manufacturing		
	July 1973	June 1974	July 1974 <sup>p</sup>	July 1973	June 1974	July 1974 <sup>p</sup>	July 1973	June 1974	July 1974 <sup>p</sup>	July 1973	June 1974	July 1974 <sup>p</sup>
<b>TEXAS—Continued</b>												
1 Galveston—Texas City .....	57.4	58.7	59.0	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	2.7	3.5	3.6	10.7	10.9	11.0
2 Houston .....	893.7	932.5	932.6	33.2	34.4	34.6	77.9	79.2	79.2	162.6	170.6	171.7
3 Lubbock .....	66.6	71.3	71.1	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	4.1	3.9	4.0	9.2	12.4	12.4
4 San Antonio .....	305.0	313.2	312.1	1.9	2.0	2.0	24.4	24.8	22.7	38.9	38.5	39.2
5 Waco .....	55.4	55.9	55.9	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	3.1	3.0	3.1	13.6	13.8	13.8
6 Wichita Falls .....	40.1	42.3	43.0	1.8	1.8	1.9	1.8	2.1	2.2	5.9	6.7	6.8
<b>UTAH</b> .....	418.9	438.8	437.6	12.4	13.5	13.5	26.9	24.7	24.5	65.0	70.1	70.9
8 Salt Lake City—Ogden .....	302.9	317.7	317.4	6.5	6.8	6.8	18.4	19.1	18.5	42.8	46.0	46.9
<b>VERMONT</b> .....	166.0	167.0	167.5	.9	.9	.8	12.5	10.8	10.7	41.8	43.8	42.9
10 Burlington <sup>17</sup> .....	40.0	40.7	40.4	-	-	-	-	-	-	9.1	9.2	9.1
11 Springfield <sup>17</sup> .....	13.9	14.0	13.8	-	-	-	-	-	-	6.2	6.5	6.5
<b>VIRGINIA</b> <sup>18</sup> .....	1,734.3	1,783.5	1,769.4	16.2	17.7	17.8	128.8	132.9	131.5	400.7	399.2	393.9
13 Lynchburg .....	59.6	60.8	60.0	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	4.0	3.8	3.8	26.4	26.7	26.4
14 Newport News—Hampton .....	130.5	130.2	129.2	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	7.7	8.3	8.3	35.7	32.9	33.0
15 Norfolk—Virginia Beach—Portsmouth .....	242.3	249.7	247.3	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	20.3	20.8	21.0	29.4	29.6	29.0
16 Northern Virginia <sup>19</sup> .....	335.2	343.5	339.8	.4	.4	.4	31.9	29.3	29.4	11.9	12.1	12.4
17 Richmond .....	266.9	275.1	275.1	.3	.3	.3	19.5	20.6	20.9	52.9	53.6	53.2
18 Roanoke .....	95.4	96.9	97.0	.3	.3	.3	6.3	6.7	6.8	22.4	22.2	22.3
<b>WASHINGTON</b> .....	1,147.6	1,217.2	1,188.5	1.9	2.1	2.1	60.7	56.6	44.7	249.6	255.1	254.9
20 Seattle—Everett .....	537.1	560.8	549.8	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	24.6	22.2	16.5	123.0	127.1	128.3
21 Spokane .....	98.0	105.1	102.7	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	6.4	5.8	4.9	14.1	14.4	14.5
22 Tacoma .....	111.1	115.2	111.5	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	6.6	5.9	2.0	20.9	21.0	21.4
<b>WEST VIRGINIA</b> .....	565.4	571.1	563.0	52.4	52.9	52.7	38.5	35.8	35.7	129.5	128.3	128.4
24 Charleston .....	96.7	97.9	97.9	4.5	4.6	4.6	8.5	7.5	7.5	18.0	18.2	18.2
25 Huntington—Ashland .....	90.1	90.5	90.1	.6	.7	.7	4.3	4.3	4.3	27.5	27.8	27.6
26 Wheeling .....	61.3	62.0	62.2	6.3	6.4	6.4	2.5	2.6	2.5	15.1	14.7	15.2
<b>WISCONSIN</b> .....	1,668.8	1,712.8	1,701.3	2.9	2.8	2.9	75.0	73.0	74.9	536.5	546.3	545.9
28 Appleton—Oshkosh .....	106.3	109.8	109.9	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	5.0	5.4	5.6	43.5	44.1	44.5
29 Green Bay .....	62.2	64.5	64.5	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	3.6	3.8	3.9	18.9	18.8	19.4
30 Kenosha .....	39.5	44.0	41.1	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	1.5	1.5	1.8	17.2	20.6	17.9
31 La Crosse .....	32.4	34.2	33.7	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	1.4	1.4	1.4	8.8	9.4	9.3
32 Madison .....	130.1	135.0	134.6	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	7.3	7.2	7.6	17.0	17.3	17.6
33 Milwaukee .....	604.5	616.1	611.6	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	23.9	23.9	24.1	209.4	214.2	213.4
34 Racine .....	61.7	64.4	60.4	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	2.1	2.1	2.2	27.8	29.6	25.8
<b>WYOMING</b> .....	133.1	136.6	136.4	13.7	15.3	15.3	14.0	14.7	15.0	8.0	7.6	7.8
36 Casper .....	21.3	22.8	23.0	3.0	3.4	3.4	1.8	2.3	2.3	1.8	1.5	1.5
37 Cheyenne .....	24.1	24.1	24.2	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	3.2	3.1	3.2	1.5	1.7	1.7

<sup>1</sup> Combined with services.  
<sup>2</sup> Combined with construction.  
<sup>3</sup> Federal employment in the Maryland and Virginia sectors of the Washington Standard Metropolitan Statistical Area is included in data for the District of Columbia.  
<sup>4</sup> Revised to 1974 benchmark; not strictly comparable with previously published data.  
<sup>5</sup> Area included in Chicago—Northwestern Indiana Standard Consolidated Area.  
<sup>6</sup> Revised to 1973 benchmark; not strictly comparable with previously published data.  
<sup>7</sup> Area definition revised: data adjusted to 1973 benchmark. For details see opposite page.  
<sup>8</sup> Subarea of Philadelphia, Pennsylvania Standard Metropolitan Statistical Area; Burlington, Camden, and Gloucester Counties, New Jersey.  
<sup>9</sup> Area included in New York—Northeastern New Jersey Standard Consolidated Area.  
<sup>10</sup> Subarea of Rochester Standard Metropolitan Statistical Area.  
<sup>11</sup> Area included in New York and Nassau—Suffolk combined SMSA's.  
<sup>12</sup> Subarea of New York Standard Metropolitan Statistical Area.  
<sup>13</sup> Subarea of Philadelphia, Pennsylvania Standard Metropolitan Statistical Area: Bucks, Chester, Delaware, Montgomery, and Philadelphia Counties, Pennsylvania.  
<sup>14</sup> Subarea of Philadelphia, Pennsylvania Standard Metropolitan Statistical Area: Philadelphia County.  
<sup>15</sup> Subarea of Northeast Pennsylvania Standard Metropolitan Statistical Area: Lackawanna County.  
<sup>16</sup> Subarea of Northeast Pennsylvania Standard Metropolitan Statistical Area: Luzerne County.  
<sup>17</sup> Total includes data for industry divisions not shown separately. Services excludes agriculture, forestry, and fisheries.  
<sup>18</sup> Federal employment in the Virginia sector of the Washington Standard Metropolitan Statistical Area is included in Virginia.  
<sup>19</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>p</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			
July 1973	June 1974	July 1974 <sup>P</sup>	July 1973	June 1974	July 1974 <sup>P</sup>	July 1973	June 1974	July 1974 <sup>P</sup>	July 1973	June 1974	July 1974 <sup>P</sup>	July 1973	June 1974	July 1974 <sup>P</sup>	
5.7	5.8	5.1	10.8	10.7	10.8	3.5	3.7	3.8	8.8	8.5	8.9	15.2	15.6	15.8	1
72.5	76.4	76.2	216.4	224.5	225.0	57.9	62.2	63.4	172.8	181.3	180.7	100.4	103.9	101.8	2
4.6	4.9	4.8	20.4	21.2	21.2	3.3	3.5	3.5	11.0	11.8	11.6	14.0	13.6	13.6	3
13.1	13.9	13.9	76.1	75.9	76.1	21.1	21.8	21.9	49.1	51.3	51.4	80.4	85.0	84.9	4
2.8	2.8	2.8	12.7	12.8	12.8	3.1	3.1	3.1	10.6	10.6	10.5	9.5	9.8	9.8	5
2.3	2.4	2.5	10.3	10.7	10.7	1.7	1.8	1.8	6.3	6.7	6.8	10.0	10.1	10.3	6
25.9	26.4	26.5	98.4	101.9	103.1	19.1	20.1	20.1	69.5	74.1	73.8	101.7	108.1	105.2	7
20.9	22.2	22.2	73.8	77.3	77.5	16.0	16.8	16.9	47.3	51.3	51.0	77.1	78.3	77.6	8
8.5	8.6	8.6	33.7	34.0	33.9	6.9	6.9	6.9	34.1	32.6	35.3	27.8	29.5	28.6	9
2.2	2.1	2.1	8.4	8.6	8.6	-	-	-	8.0	7.9	8.0	-	-	-	10
.9	.9	.9	2.1	2.1	2.0	-	-	-	2.0	2.0	2.0	-	-	-	11
107.3	108.4	109.4	353.5	357.9	359.9	86.1	86.9	88.1	264.4	272.3	277.2	377.3	408.2	391.6	12
2.5	2.5	2.6	10.3	10.2	10.1	2.7	2.8	2.8	7.1	7.6	7.7	6.6	7.2	6.6	13
4.5	4.5	4.6	22.3	22.7	22.7	4.1	4.3	4.3	21.2	21.1	21.2	35.0	36.4	35.1	14
17.2	17.7	17.6	59.7	60.5	61.3	12.0	12.0	12.3	41.4	40.2	41.0	62.3	68.9	65.1	15
26.8	25.9	26.3	79.4	81.2	80.7	22.9	23.3	23.7	67.0	69.5	69.2	94.9	101.8	97.7	16
17.7	17.8	18.0	60.9	62.9	63.4	22.2	22.6	22.7	40.5	41.7	41.7	52.9	55.6	54.9	17
10.8	10.7	10.7	21.7	22.1	22.1	5.0	5.2	5.2	16.4	16.5	16.5	12.5	13.2	13.1	18
73.7	73.5	76.3	261.3	277.4	276.9	64.3	66.6	67.0	196.0	210.5	210.0	240.1	275.4	256.6	19
40.0	40.1	41.1	122.9	127.7	127.4	38.5	39.4	39.4	93.1	98.1	97.6	95.0	106.2	99.5	20
8.0	7.5	8.0	26.6	28.1	28.2	6.3	6.4	6.4	20.5	23.5	23.5	16.1	19.4	17.2	21
5.9	5.9	6.2	25.1	25.7	25.5	5.8	6.0	6.0	19.5	21.4	21.1	27.3	29.3	29.3	22
41.0	41.7	41.8	107.5	107.7	107.7	18.1	18.4	18.4	75.0	75.9	75.7	103.5	110.5	102.7	23
9.1	9.2	9.2	21.8	22.4	22.3	4.4	4.4	4.5	14.7	14.9	15.0	15.8	16.7	16.6	24
8.9	9.1	9.1	18.4	18.5	18.5	3.3	3.3	3.3	12.3	12.3	12.4	14.7	14.5	14.3	25
3.4	4.1	4.1	13.5	13.8	13.8	2.4	2.4	2.4	10.7	10.9	10.9	7.3	7.1	7.0	26
83.3	85.0	83.0	366.3	378.3	378.1	69.7	72.3	72.8	269.8	277.6	278.3	265.3	277.5	265.5	27
4.0	4.3	4.1	20.6	20.9	21.0	3.9	4.1	4.1	15.5	16.6	16.5	13.8	14.4	14.1	28
4.9	5.0	5.1	15.1	15.8	15.8	1.8	1.9	1.9	10.1	10.5	10.4	7.7	8.7	8.0	29
1.3	1.3	1.3	7.5	7.6	7.6	.8	.8	.8	6.2	6.6	6.5	5.1	5.7	5.1	30
2.1	2.1	2.1	8.1	8.5	8.4	.8	.8	.8	6.7	7.1	7.1	4.5	4.9	4.6	31
5.3	5.4	5.4	27.6	29.7	29.2	7.9	8.3	8.5	21.2	22.1	21.8	43.8	45.0	44.5	32
31.4	32.2	31.7	128.8	132.3	131.7	31.4	31.7	31.7	104.9	107.0	107.1	74.7	74.8	71.8	33
2.0	2.2	2.0	11.3	11.6	11.7	1.6	1.7	1.7	9.3	9.1	9.3	7.7	8.1	7.7	34
11.3	12.0	12.2	28.5	27.8	27.9	4.0	4.3	4.3	22.8	21.7	21.9	30.8	33.2	32.0	35
1.8	2.0	2.0	5.5	5.4	5.5	.8	1.0	1.0	3.0	3.2	3.3	3.6	4.0	4.0	36
2.8	3.1	3.0	4.9	4.4	4.4	1.1	1.2	1.2	4.2	3.8	3.9	6.4	6.8	6.8	37

## Redefined Areas

Battle Creek, Mich.....	Barry and Calhoun Counties
Detroit, Mich.....	Lapeer, Livingston, Macomb, Oakland, St. Clair, and Wayne Counties
Flint, Mich.....	Genesee and Shiawassee Counties
Kalamazoo-Portage, Mich.....	Kalamazoo and Van Buren Counties
Lansing-East Lansing, Mich.....	Clinton, Eaton, Ingham, and Ionia Counties
Muskegon-Muskegon Heights, Mich.....	Muskegon and Oceana Counties
St. Louis, Mo.....	St. Louis city and Franklin, Jefferson, St. Charles, and St. Louis Counties, Mo.;
	Clinton, Madison, Monroe, and St. Clair Counties, Ill.



**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				
		July 1973	Aug. 1973	June 1974	July p 1974	Aug. p 1974	July 1973	Aug. 1973	June 1974	July p 1974	Aug. p 1974
	<b>TOTAL PRIVATE</b> .....	\$146.64	\$146.63	\$155.40	\$156.61	\$157.73	\$3.90	\$3.91	\$4.20	\$4.21	\$4.24
	<b>MINING</b> .....	200.22	200.73	226.28	226.46	225.75	4.70	4.69	5.19	5.23	5.25
10	METAL MINING.....	199.18	200.70	221.65	226.95	-	4.72	4.79	5.29	5.34	-
101	Iron ores.....	(†)	(†)	†246.40	†253.26	-	(†)	(†)	†5.50	†5.47	-
102	Copper ores.....	204.61	204.73	216.48	224.76	-	4.86	4.84	5.28	5.39	-
11,12	COAL MINING.....	221.70	225.83	254.82	249.46	-	(*)	5.66	6.17	(*)	-
12	Bituminous coal and lignite mining...	222.87	227.43	256.06	251.07	-	(*)	5.70	6.20	(*)	-
13	OIL AND GAS EXTRACTION.....	(†)	(†)	†216.48	†217.69	-	(†)	(†)	†4.80	†4.87	-
131,2	Crude petroleum and natural gas fields.	(†)	(†)	†227.90	†231.86	-	(†)	(†)	†5.30	†5.43	-
138	Oil and gas field services.....	176.31	175.87	209.29	209.31	-	3.98	3.97	4.53	4.57	-
14	NONMETALLIC MINERALS, EXCEPT FUELS	202.57	203.00	208.39	208.39	-	4.31	4.31	4.55	4.57	-
142	Crushed and broken stone.....	207.89	208.86	217.92	221.26	-	4.26	4.28	4.54	4.60	-
	<b>CONTRACT CONSTRUCTION</b> .....	(†)	(†)	†252.13	†254.89	†259.69	(†)	(†)	†6.67	†6.69	†6.87
15	GENERAL BUILDING CONTRACTORS..	(†)	(†)	†233.51	†236.53	-	(†)	(†)	†6.38	†6.41	-
16	HEAVY CONSTRUCTION CONTRACTORS..	244.80	246.19	253.76	255.97	-	5.76	5.82	6.10	6.08	-
161	Highway and street construction.....	247.64	248.16	254.17	261.07	-	5.59	5.64	5.87	5.92	-
162	Heavy construction, n.e.c.....	241.35	244.01	252.40	251.69	-	5.93	6.01	6.31	6.23	-
17	SPECIAL TRADE CONTRACTORS.....	(†)	(†)	†262.04	†265.31	-	(†)	(†)	†7.14	†7.19	-
171	Plumbing, heating, air conditioning...	(†)	(†)	†268.56	†272.57	-	(†)	(†)	†7.20	†7.23	-
172	Painting, paper hanging, decorating...	222.86	223.13	219.45	229.50	-	6.26	6.25	6.50	6.52	-
173	Electrical work.....	(†)	(†)	†293.35	†297.49	-	(†)	(†)	†7.74	†7.87	-
174	Masonry, stonework, and plastering...	237.60	237.30	246.35	253.09	-	6.75	6.78	7.12	7.19	-
176	Roofing and sheetmetal work.....	(†)	(†)	†221.88	†228.98	-	(†)	(†)	†6.45	†6.45	-
	<b>MANUFACTURING</b> .....	164.43	164.43	176.95	176.40	178.53	4.06	4.06	4.38	4.41	4.43
19,24,25,32-39	DURABLE GOODS.....	177.14	176.28	191.12	188.67	192.17	4.31	4.31	4.65	4.67	4.71
20-23,26-31	NONDURABLE GOODS.....	146.89	147.26	156.82	158.39	159.59	3.70	3.70	3.97	4.02	4.03
	<i>Durable Goods</i>										
19	ORDNANCE AND ACCESSORIES.....	(†)	(†)	†200.40	†196.11	†199.67	(†)	(†)	†4.76	†4.76	†4.87
192	Ammunition, except for small arms.....	(†)	(†)	†202.38	†194.73	(*)	(†)	(†)	†4.83	†4.82	(*)
1925	Complete guided missiles.....	(†)	(†)	†230.15	†218.56	-	(†)	(†)	†5.34	†5.37	-
1929	Ammunition, exc. for small arms, nec	154.35	149.76	164.42	161.60	-	3.83	3.84	4.08	4.04	-
24	LUMBER AND WOOD PRODUCTS.....	145.04	148.06	158.73	156.02	159.60	3.59	3.62	3.90	3.92	3.98
242	Sawmills and planing mills.....	141.69	144.32	156.18	151.24	(*)	3.49	3.52	3.80	3.80	(*)
2421	Sawmills and planing mills, general.	147.29	149.60	161.90	156.81	-	3.61	3.64	3.92	3.93	-
243	Millwork, plywood & related products.	149.95	151.90	161.60	158.37	(*)	3.73	3.76	4.03	4.04	(*)
2431	Millwork.....	143.05	145.02	156.79	152.82	-	3.64	3.69	4.01	3.99	-
2432	Veneer and plywood.....	152.28	155.77	164.81	160.39	-	3.76	3.79	4.01	4.03	-
244	Wooden containers.....	114.21	113.77	122.98	120.96	188.73	2.82	2.83	3.09	3.07	3.06
2441,2	Wooden boxes, shooks, and crates.....	109.21	109.34	115.05	114.07	-	2.71	2.72	2.92	2.94	-
249	Miscellaneous wood products.....	126.07	128.75	142.46	140.08	(*)	3.09	3.11	3.40	3.40	(*)
25	FURNITURE AND FIXTURES.....	128.05	131.86	138.95	136.11	138.02	3.25	3.28	3.50	3.49	3.53
251	Household furniture.....	121.04	124.80	130.68	128.64	(*)	3.08	3.12	3.30	3.29	(*)
116 2511	Wood household furniture.....	116.40	118.67	124.53	122.19	-	2.91	2.93	3.09	3.07	-
2512	Upholstered household furniture.....	124.53	131.26	137.47	133.46	-	3.26	3.34	3.58	3.54	-
2515	Mattresses and bedsprings.....	131.14	135.54	142.40	137.21	-	3.38	3.44	3.67	3.63	-
252	Office furniture.....	146.65	153.30	162.63	153.62	-	3.63	3.65	3.90	3.85	-
254	Partitions and fixtures.....	158.80	160.39	170.34	167.35	-	3.98	3.98	4.28	4.28	-
253,9	Other furniture and fixtures.....	141.12	143.92	152.48	148.55	(*)	3.60	3.58	3.88	3.93	(*)
32	STONE, CLAY, AND GLASS PRODUCTS..	177.66	178.93	189.35	188.45	191.48	4.20	4.21	4.53	4.53	4.57
321	Flat glass.....	227.07	231.77	244.10	237.16	-	5.22	5.22	5.69	5.62	(*)
322	Glass and glassware, pressed or blown	172.51	171.23	184.57	182.46	(*)	4.27	4.27	4.58	4.55	(*)
3221	Glass containers.....	181.25	179.74	194.07	195.13	-	4.41	4.46	4.78	4.83	-
3229	Pressed and blown glass, n.e.c.....	160.75	160.40	171.54	165.97	-	4.08	4.02	4.31	4.17	-
324	Cement, hydraulic.....	237.97	237.44	253.90	252.70	254.58	5.56	5.60	5.96	5.96	5.99
325	Structural clay products.....	141.36	142.96	150.84	148.56	(*)	3.39	3.42	3.67	3.65	(*)
3251	Brick and structural clay tile.....	135.46	137.70	142.55	142.55	-	3.21	3.24	3.46	3.46	-
326	Pottery and related products.....	138.38	139.04	153.66	150.53	-	3.53	3.52	3.95	3.92	-
327	Concrete, gypsum, and plaster products.....	193.48	194.83	199.27	201.06	(*)	4.29	4.32	4.56	4.58	(*)
328,9	Other stone and nonmetallic mineral products.....	175.14	175.14	187.81	185.51	187.20	4.16	4.16	4.44	4.47	4.50
3291	Abrasive products.....	172.86	169.60	183.96	182.62	-	4.30	4.24	4.52	4.60	-

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				
		July 1973	Aug 1973	June 1974	July 1974P	Aug 1974P	July 1973	Aug 1973	June 1974	July 1974P	Aug 1974P
-	<b>TOTAL PRIVATE</b> .....	37.6	37.5	37.0	37.2	37.2	-	-	-	-	-
-	<b>MINING</b> .....	42.6	42.8	43.6	43.3	43.0	-	-	-	-	-
10	<b>METAL MINING</b> .....	42.2	41.9	41.9	42.5	-	-	-	-	-	
101	Iron ores .....	44.1	41.8	44.8	46.3	-	-	-	-	-	
102	Copper ores .....	42.1	42.3	41.0	41.7	-	-	-	-	-	
11,12	<b>COAL MINING</b> .....	(*)	39.9	41.3	(*)	-	-	-	-	-	
12	Bituminous coal and lignite mining ..	(*)	39.9	41.3	(*)	-	-	-	-	-	
13	<b>OIL AND GAS EXTRACTION</b> .....	43.1	42.9	45.1	44.7	-	-	-	-	-	
131,2	Crude petroleum and natural gas fields	41.2	40.7	43.0	42.7	-	-	-	-	-	
138	Oil and gas field services .....	44.3	44.3	46.2	45.8	-	-	-	-	-	
14	<b>NONMETALLIC MINERALS, EXCEPT FUELS</b>	47.0	47.1	45.8	45.6	-	-	-	-	-	
142	Crushed and broken stone .....	48.8	48.8	48.0	48.1	-	-	-	-	-	
-	<b>CONSTRUCTION</b> .....	38.4	38.3	37.8	38.1	37.8	-	-	-	-	
15	<b>GENERAL BUILDING CONTRACTORS</b> .....	36.7	36.8	36.6	36.9	-	-	-	-	-	
16	<b>HEAVY CONSTRUCTION CONTRACTORS</b> .....	42.5	42.3	41.6	42.1	-	-	-	-	-	
161	Highway and street construction .....	44.3	44.0	43.3	44.1	-	-	-	-	-	
162	Heavy construction, n e c .....	40.7	40.6	40.0	40.4	-	-	-	-	-	
17	<b>SPECIAL TRADE CONTRACTORS</b> .....	37.4	37.3	36.7	36.9	-	-	-	-	-	
171	Plumbing, heating, air conditioning ..	37.8	37.8	37.3	37.7	-	-	-	-	-	
172	Painting, paper hanging, decorating ..	35.6	35.7	35.3	35.2	-	-	-	-	-	
173	Electrical work .....	38.7	38.7	37.9	37.8	-	-	-	-	-	
174	Masonry, stonework, and plastering ..	35.2	35.0	34.6	35.2	-	-	-	-	-	
176	Roofing and sheet metal work .....	34.8	34.9	34.4	35.5	-	-	-	-	-	
-	<b>MANUFACTURING</b> .....	40.5	40.5	40.4	40.0	40.3	3.7	3.8	3.5	3.2	
19,24,25, 32-39	<b>DURABLE GOODS</b> .....	41.1	40.9	41.1	40.4	40.8	3.9	3.9	3.6	3.3	
20-23,26-31	<b>NONDURABLE GOODS</b> .....	39.7	39.8	39.5	39.4	39.6	3.4	3.5	3.3	3.2	
	<i>Durable Goods</i> .....										
19	<b>ORDNANCE AND ACCESSORIES</b> .....	(†)	(†)	‡42.1	‡41.2	‡41.0	3.4	3.0	3.9	2.8	
192	Ammunition, except for small arms ..	(†)	(†)	‡41.9	‡40.4	(*)	3.2	2.8	3.6	2.5	
1925	Complete guided missiles .....	(†)	(†)	‡43.1	‡40.7	-	-	-	-	-	
1929	Ammunition, e xc for small arms, nec	40.3	39.0	40.3	40.0	-	-	-	-	-	
24	<b>LUMBER AND WOOD PRODUCTS</b> .....	40.4	40.9	40.7	39.8	40.1	4.2	4.2	4.0	3.8	
242	Sawmills and planing mills .....	40.6	41.0	41.1	39.8	(*)	4.6	4.4	4.5	4.1	
2421	Sawmills and planing mills, general	40.8	41.1	41.3	39.9	-	-	-	-	-	
243	Millwork, plywood & related products ..	40.2	40.4	40.1	39.2	(*)	3.8	3.8	3.5	3.1	
2431	Millwork .....	39.3	39.3	39.1	48.3	-	-	-	-	-	
2432	Veneer and plywood .....	40.5	41.1	41.1	39.8	-	-	-	-	-	
244	Wooden containers .....	40.5	40.2	39.8	39.4	38.8	3.5	3.6	2.9	2.7	
2441,2	Wooden boxes, shooks, and crates .....	40.3	40.2	39.4	38.8	-	-	-	-	-	
249	Miscellaneous wood products .....	40.8	41.4	41.9	41.2	(*)	4.1	4.1	4.4	4.3	
25	<b>FURNITURE AND FIXTURES</b> .....	39.4	40.2	39.7	39.0	39.1	2.9	3.3	2.8	2.3	
251	Household furniture .....	39.3	40.0	39.6	39.1	(*)	2.7	3.1	2.6	2.2	
2511	Wood household furniture .....	40.0	40.5	40.3	39.8	-	3.3	3.5	3.0	2.8	
2512	Upholstered household furniture .....	38.2	39.3	38.4	37.7	-	-	-	-	-	
2515	Mattresses and bedspings .....	38.8	39.4	38.8	37.8	-	-	-	-	-	
252	Office furniture .....	40.4	42.0	41.7	39.9	-	3.3	4.4	4.3	3.5	
254	Partitions and fixtures .....	39.9	40.3	39.8	39.1	-	3.6	4.0	3.0	2.5	
253,9	Other furniture and fixtures .....	39.2	40.2	39.3	37.8	(*)	2.9	3.6	2.8	2.1	
32	<b>STONE, CLAY, AND GLASS PRODUCTS</b> ..	42.3	42.5	41.8	41.6	41.9	5.2	5.3	4.7	4.6	
321	Flat glass .....	43.5	44.4	42.9	42.2	-	5.1	5.7	5.2	4.1	
322	Glass and glassware, pressed or blown	40.4	40.1	40.3	40.1	(*)	4.3	4.2	3.9	3.8	
3221	Glass containers .....	41.1	40.3	40.6	40.4	-	-	-	-	-	
3229	Pressed and blown glass, n e c .....	39.4	39.9	39.8	39.8	-	3.3	3.2	3.7	3.1	
324	Cement, hydraulic .....	42.8	42.4	42.6	42.4	42.5	3.8	3.7	3.7	3.7	
325	Structural clay products .....	41.7	41.8	41.1	40.7	(*)	4.7	4.7	4.0	4.1	
3251	Brick and structural clay tile .....	42.2	42.5	41.2	41.2	-	-	-	-	-	
326	Pottery and related products .....	39.2	39.5	38.9	38.4	-	2.5	2.4	2.4	2.2	
327	Concrete, gypsum and plaster products .....	45.1	45.1	43.7	43.9	(*)	7.6	7.8	6.4	6.6	
328,9	Other stone and nonmetallic mineral products .....	42.1	42.1	42.3	41.5	41.6	4.5	4.6	4.6	4.2	
3291	Abrasive products .....	40.2	40.0	40.7	39.7	-	-	-	-	-	

See footnotes at end of table.

# ESTABLISHMENT DATA HOURS AND EARNINGS

74

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				
		July 1973	Aug. 1973	June 1974	July p 1974	Aug. p 1974	July 1973	Aug. 1973	June 1974	July p 1974	Aug. p 1974
<i>Durable Goods--Continued</i>											
33	<b>PRIMARY METAL INDUSTRIES</b> .....	\$210.50	\$212.67	\$235.20	\$234.48	\$240.77	\$5.00	\$5.10	\$5.60	\$5.65	\$5.76
331	Blast furnace and basic steel products ..	226.08	229.75	260.41	263.54	(*)	5.37	5.59	6.29	6.32	(*)
3312	Blast furnaces and steel mills .....	229.61	233.78	264.50	268.55	-	5.48	5.73	6.42	6.44	-
332	Iron and steel foundries .....	201.07	199.28	215.28	207.00	(*)	4.72	4.70	5.03	5.00	(*)
3321	Gray iron foundries .....	210.11	206.45	219.73	210.91	-	4.83	4.79	5.11	5.07	-
3322	Malleable iron foundries .....	201.69	199.00	219.42	205.60	-	4.86	4.83	5.30	5.14	-
3323	Steel foundries .....	176.20	179.99	200.65	196.24	-	4.34	4.39	4.71	4.74	-
333,4	Nonferrous metals .....	205.16	204.54	228.23	227.34	(*)	4.85	4.87	5.37	5.40	(*)
3334	Primary aluminum .....	229.48	232.52	258.64	258.83	-	5.49	5.51	6.10	6.09	-
335	Nonferrous rolling and drawing .....	200.26	201.71	216.29	214.46	214.29	4.69	4.68	5.03	5.07	5.09
3351	Copper rolling and drawing .....	200.18	193.12	223.43	216.30	-	4.71	4.62	5.16	5.15	-
3352	Aluminum rolling and drawing .....	209.04	211.07	224.37	226.28	-	4.85	4.83	5.23	5.25	-
3357	Nonferrous wire drawing and insulating ..	195.99	199.64	211.36	209.81	-	4.59	4.60	4.87	4.96	-
336	Nonferrous foundries .....	165.60	166.83	177.24	173.21	(*)	4.14	4.15	4.42	4.43	(*)
3361	Aluminum castings .....	167.96	169.24	178.30	174.21	-	4.22	4.21	4.48	4.49	-
3362,9	Other nonferrous castings .....	163.22	163.61	175.74	172.22	-	4.05	4.08	4.35	4.36	-
339	Miscellaneous primary metal products ..	212.27	215.13	231.98	227.84	(*)	5.03	5.11	5.42	5.49	(*)
3391	Iron and steel forgings .....	225.35	229.02	248.54	240.37	-	5.34	5.44	5.78	5.82	-
34	<b>FABRICATED METAL PRODUCTS</b> .....	175.54	175.54	188.33	185.54	188.96	4.24	4.24	4.56	4.57	4.62
341	Metal cans .....	238.10	240.91	258.05	264.42	267.80	5.21	5.26	5.76	5.85	5.86
342	Cutlery, hand tools, and hardware .....	161.20	160.80	170.08	166.24	(*)	4.01	3.99	4.21	4.23	(*)
3421,3,5	Cutlery and hand tools, incl. saws .....	155.54	157.12	169.31	161.46	-	3.85	3.87	4.16	4.14	-
3429	Hardware, n e c .....	165.21	163.61	171.25	170.68	-	4.12	4.08	4.26	4.31	-
343	Plumbing and heating, except electric ..	151.70	156.01	165.59	160.24	(*)	3.87	3.91	4.15	4.13	(*)
3431,2	Sanitary ware & plumbers' brass goods ..	154.05	157.19	169.62	164.19	-	3.95	4.01	4.23	4.21	-
3433	Heating equipment, except electric .....	150.11	155.09	161.59	155.94	-	3.81	3.82	4.06	4.04	-
344	Fabricated structural metal products .....	172.21	175.53	188.28	184.63	(*)	4.19	4.25	4.57	4.57	(*)
3441	Fabricated structural steel .....	181.40	187.39	203.63	195.76	-	4.35	4.43	4.78	4.74	-
3442	Metal doors, sash, and trim .....	134.16	136.89	147.81	144.40	-	3.44	3.51	3.79	3.78	-
3443	Fabricated plate work (boiler shops) ..	178.83	180.87	193.11	190.69	-	4.33	4.39	4.71	4.72	-
3444	Sheet metal work .....	185.32	187.92	195.36	191.92	-	4.52	4.55	4.80	4.81	-
3446,9	Architectural and misc. metal work .....	175.89	175.51	190.40	189.87	-	4.10	4.12	4.48	4.51	-
345	Screw machine products, bolts, etc. ....	177.19	179.26	193.59	186.98	(*)	4.14	4.14	4.43	4.41	(*)
3451	Screw machine products .....	172.13	171.70	185.76	182.29	-	4.05	4.04	4.31	4.33	-
3452	Bolts, nuts, rivets, and washers .....	181.88	186.12	200.68	191.27	-	4.22	4.23	4.53	4.49	-
346	Metal stampings .....	199.18	192.65	205.32	206.64	(*)	4.72	4.62	5.02	5.04	(*)
347	Metal services, n e c .....	146.37	146.73	157.95	154.44	153.27	3.65	3.65	3.90	3.90	3.90
348	Misc. fabricated wire products .....	152.66	151.88	164.84	161.20	(*)	3.76	3.75	4.05	4.04	(*)
349	Misc. fabricated metal products .....	170.57	170.57	185.47	180.90	(*)	4.14	4.14	4.48	4.50	(*)
3494,8	Valves, pipe, and pipe fittings .....	172.63	174.72	190.57	184.46	-	4.19	4.20	4.57	4.60	-
35	<b>MACHINERY, EXCEPT ELECTRICAL</b> .....	188.07	190.26	207.40	201.62	206.78	4.51	4.53	4.88	4.87	4.90
351	Engines and turbines .....	207.95	218.40	235.76	226.55	(*)	5.16	5.25	5.60	5.58	(*)
3511	Steam engines and turbines .....	203.41	208.38	211.98	213.03	-	5.01	5.07	5.26	5.26	-
3519	Internal combustion engines, n e c .....	209.84	222.79	246.25	232.23	-	5.22	5.33	5.74	5.72	-
352	Farm machinery .....	182.80	187.50	212.85	201.06	-	4.57	4.54	5.02	4.94	-
353	Construction and related machinery .....	187.73	191.44	213.70	208.38	(*)	4.59	4.58	5.04	5.07	(*)
3531,2	Construction and mining machinery .....	191.44	199.26	225.42	220.59	-	4.81	4.79	5.38	5.42	-
3533	Oil field machinery .....	178.08	182.33	205.19	199.18	-	4.19	4.26	4.57	4.60	-
3535,6	Conveyors, hoists, cranes, monorails ..	187.37	188.73	201.03	192.70	-	4.44	4.42	4.73	4.70	-
3537	Industrial trucks and tractors .....	178.49	170.91	185.73	177.64	-	4.27	4.22	4.53	4.52	-
354	Metal working machinery .....	207.45	206.97	224.69	220.59	(*)	4.78	4.78	5.13	5.13	(*)
3541	Machine tools, metal cutting types .....	212.08	207.41	230.88	221.52	-	4.82	4.79	5.20	5.20	-
3544	Special dies, tools, jigs & fixtures .....	229.89	226.37	243.07	239.04	-	5.12	5.11	5.45	5.47	-
3545	Machine tool accessories .....	186.08	192.64	210.20	212.16	-	4.42	4.48	4.81	4.80	-
3542,8	Misc. metal working machinery .....	180.04	183.50	197.77	194.05	-	4.37	4.39	4.72	4.71	-
355	Special industry machinery .....	180.62	180.62	191.65	182.25	(*)	4.27	4.27	4.52	4.50	(*)
3551	Food products machinery .....	184.40	188.73	198.86	184.47	-	4.38	4.42	4.69	4.67	-
3552	Textile machinery .....	145.96	147.96	159.92	151.31	-	3.56	3.60	3.91	3.85	-
3555	Printing trades machinery .....	210.20	209.00	210.44	203.91	-	4.81	4.75	4.94	5.01	-
356	General industrial machinery .....	191.56	191.98	205.87	202.29	(*)	4.55	4.56	4.89	4.91	(*)
3561	Pumps and compressors .....	185.09	185.54	200.34	195.54	-	4.46	4.46	4.77	4.84	-
3562	Ball and roller bearings .....	205.97	210.15	216.24	218.28	-	4.79	4.82	5.10	5.10	-
3564	Blowers and fans .....	174.72	173.06	191.56	179.90	-	4.16	4.16	4.55	4.52	-
3566	Power transmission equipment .....	193.93	192.10	206.55	205.45	-	4.51	4.52	4.86	4.88	-
357	Office and computing machines .....	178.04	180.53	193.28	190.99	(*)	4.29	4.35	4.58	4.58	(*)
3573	<b>Electronic computing equipment</b> .....	181.05	184.04	190.83	189.50	-	4.27	4.31	4.49	4.48	-
358	Service industry machines .....	(†)	(†)	182.41	179.78	(*)	(†)	(†)	4.46	4.45	(*)
3585	Refrigeration machinery .....	(†)	(†)	184.46	182.66	-	(†)	(†)	4.51	4.51	-
359	Misc. machinery, except electrical .....	183.18	182.74	198.56	194.42	194.79	4.31	4.32	4.65	4.64	4.66

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 hours					Average overtime hours				
		July 1973	Aug. 1973	June 1974	July 1974 <sup>P</sup>	Aug. 1974 <sup>P</sup>	July 1973	Aug. 1973	June 1974	July 1974 <sup>P</sup>	Aug. 1974 <sup>P</sup>
<i>Durable Goods--Continued</i>											
33	<b>PRIMARY METAL INDUSTRIES</b>	42.1	41.7	42.0	41.5	41.8	4.4	4.4	4.2	3.9	-
331	Blast furnace and basic steel products	42.1	41.1	41.4	41.7	(*)	3.7	3.5	3.3	3.3	-
3312	Blast furnaces and steel mills	41.9	40.8	41.2	41.7	-	3.5	3.3	3.0	3.2	-
332	Iron and steel foundries	42.6	42.4	42.8	41.4	(*)	5.4	5.6	5.5	4.6	-
3321	Gray iron foundries	43.5	43.1	43.0	41.6	-	6.3	6.3	6.0	5.0	-
3322	Malleable iron foundries	41.5	41.2	41.4	40.0	-	-	-	-	-	-
3323	Steel foundries	40.6	41.0	42.6	41.4	-	3.4	4.2	4.7	4.1	-
333.4	Nonferrous metals	42.3	42.0	42.5	42.1	(*)	4.4	4.5	4.7	4.6	-
3334	Primary aluminum	41.8	42.2	42.4	42.5	-	-	-	-	-	-
335	Nonferrous rolling and drawing	42.7	43.1	43.0	42.3	42.1	5.5	5.4	5.3	4.7	-
3351	Copper rolling and drawing	42.5	41.8	43.3	42.0	-	-	-	-	-	-
3352	Aluminum rolling and drawing	43.1	43.7	42.9	43.1	-	6.1	5.8	5.1	5.0	-
3357	Nonferrous wire drawing and insulating	42.7	43.4	43.4	42.3	-	5.5	5.8	5.3	4.8	-
336	Nonferrous foundries	40.0	40.2	40.1	39.1	(*)	3.5	3.8	3.3	2.7	-
3361	Aluminum castings	39.8	40.2	39.8	38.8	-	-	-	-	-	-
3362.9	Other nonferrous castings	40.3	40.1	40.4	39.5	-	-	-	-	-	-
339	Miscellaneous primary metal products	42.2	42.1	42.8	41.5	(*)	5.4	5.6	5.2	4.8	-
3391	Iron and steel forgings	42.2	42.1	43.0	41.3	-	-	-	-	-	-
34	<b>FABRICATED METAL PRODUCTS</b>	41.4	41.4	41.3	40.6	40.9	4.1	4.1	3.8	3.3	-
341	Metal cans	45.7	45.8	44.8	45.2	45.7	6.0	6.1	5.4	5.4	-
342	Cutlery, hand tools, and hardware	40.2	40.3	40.4	39.3	(**)	3.1	3.2	3.0	2.5	-
3421.3.5	Cutlery and hand tools, incl. saws	40.4	40.6	40.7	39.0	-	-	-	-	-	-
3429	Hardware, n.e.c.	40.1	40.1	40.2	39.6	-	-	-	-	-	-
343	Plumbing and heating, except electric	39.2	39.9	39.9	38.8	(*)	2.6	2.9	2.5	1.8	-
3431.2	Sanitary ware & plumbers' brass goods	39.0	39.2	40.1	39.0	-	-	-	-	-	-
3433	Heating equipment, except electric	39.4	40.6	39.8	38.6	-	-	-	-	-	-
344	Fabricated structural metal products	41.1	41.3	41.2	40.4	(*)	3.9	4.0	3.7	3.2	-
3441	Fabricated structural steel	41.7	42.3	42.6	41.3	-	4.2	4.7	4.4	3.7	-
3442	Metal doors, sash, and trim	39.0	39.0	39.0	38.2	-	-	-	-	-	-
3443	Fabricated plate work (boiler shops)	41.3	41.2	41.0	40.4	-	3.5	3.6	3.7	3.1	-
3444	Sheet metal work	41.0	41.3	40.7	39.9	-	-	-	-	-	-
3446.9	Architectural and misc. metal work	42.9	42.6	42.5	42.1	-	-	-	-	-	-
345	Screw machine products, bolts, etc.	42.8	43.3	43.7	42.4	(**)	5.3	5.7	5.5	4.2	-
3451	Screw machine products	42.5	42.5	43.1	42.1	-	-	-	-	-	-
3452	Bolts, nuts, rivets, and washers	43.1	44.0	44.3	42.6	-	-	-	-	-	-
346	Metal stampings	42.2	41.7	40.9	41.0	(*)	4.8	4.3	3.7	3.5	-
347	Metal services, n.e.c.	40.1	40.2	40.5	39.6	(**)	3.9	4.0	3.7	3.6	-
348	Misc. fabricated wire products	40.6	40.5	40.7	39.9	39.3	3.5	3.5	3.4	3.1	-
349	Misc. fabricated metal products	41.2	41.2	41.4	40.2	(*)	3.9	3.6	3.7	3.4	-
3491.8	Valves, pipe, and pipe fittings	41.2	41.6	41.7	40.1	-	-	-	-	-	-
35	<b>MACHINERY, EXCEPT ELECTRICAL</b>	41.7	42.0	42.5	41.4	42.2	4.2	4.3	4.6	3.9	-
351	Engines and turbines	40.3	41.6	42.1	40.6	(*)	3.9	4.6	4.7	3.1	-
3511	Steam engines and turbines	40.6	41.1	40.3	40.5	-	-	-	-	-	-
3519	Internal combustion engines, n.e.c.	40.2	41.8	42.9	40.6	-	-	-	-	-	-
352	Farm machinery	40.0	41.3	42.4	40.7	-	3.8	3.8	4.7	3.7	-
353	Construction and related machinery	40.9	41.8	42.4	41.1	(*)	3.0	3.4	4.2	4.0	-
3531.2	Construction and mining machinery	39.8	41.6	41.9	40.7	-	2.1	3.0	3.8	3.7	-
3533	Oil field machinery	42.5	42.8	44.9	43.3	-	-	-	-	-	-
3535.6	Conveyors, hoists, cranes, monorails	42.2	42.7	42.5	41.0	-	-	-	-	-	-
3537	Industrial trucks and tractors	41.8	40.5	41.0	39.3	-	-	-	-	-	-
354	Metal working machinery	43.4	43.3	43.8	43.0	(*)	5.6	5.5	5.8	5.5	-
3541	Machine tools, metal cutting types	44.0	43.3	44.4	42.6	-	6.0	5.6	6.3	5.9	-
3544	Special dies, tools, jigs, & fixtures	44.9	44.3	44.6	43.7	-	-	-	-	-	-
3545	Machine tool accessories	42.1	43.0	43.7	44.2	-	4.4	5.0	5.2	6.1	-
3542.8	Misc. metal working machinery	41.2	41.8	41.9	41.2	-	-	-	-	-	-
355	Special industry machinery	42.3	42.3	42.4	40.5	(*)	4.3	4.4	4.9	3.4	-
3551	Food products machinery	42.1	42.7	42.4	39.5	-	-	-	-	-	-
3552	Textile machinery	41.0	41.1	40.9	39.3	-	-	-	-	-	-
3555	Printing trades machinery	43.7	44.0	42.6	40.7	-	-	-	-	-	-
356	General industrial machinery	42.1	42.1	42.1	41.2	(*)	4.5	4.7	4.4	4.0	-
3561	Pumps and compressors	41.5	41.6	42.0	40.4	-	3.7	3.9	4.2	3.7	-
3562	Ball and roller bearings	43.0	43.6	42.4	42.8	-	5.5	6.3	4.6	5.3	-
3564	Blowers and fans	42.0	41.6	42.1	39.8	-	-	-	-	-	-
3566	Power transmission equipment	43.0	42.5	42.5	42.1	-	5.1	5.2	5.3	5.0	-
357	Office and computing machines	41.5	41.5	42.2	41.7	(*)	3.1	3.6	3.3	2.8	-
3573	Electronic computing equipment	42.4	42.7	42.5	42.3	-	-	-	-	-	-
358	Service industry machines	43.2	40.4	40.9	40.4	(*)	2.8	2.9	3.1	2.3	-
3585	Refrigeration machinery	40.5	40.6	40.9	40.5	-	3.0	2.8	3.3	2.4	-
359	Misc. machinery, except electrical	42.5	42.3	42.7	41.9	41.8	5.2	5.0	5.2	4.5	-

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				
		July 1973	Aug. 1973	June 1974	July p 1974	Aug <sup>p</sup> 1974	July 1973	Aug. 1973	June 1974	July p 1974	Aug <sup>p</sup> 1974
<i>Durable Goods--Continued</i>											
36	<b>ELECTRICAL EQUIPMENT AND SUPPLIES...</b>	\$153.24	\$155.59	\$166.44	\$163.93	\$165.19	\$3.86	\$3.88	\$4.13	\$4.15	\$4.14
361	Electric test & distributing equipment ...	160.00	160.38	172.60	172.08	(*)	3.98	3.96	4.22	4.27	(*)
3611	Electric measuring instruments .....	137.28	140.89	147.71	144.00	-	3.52	3.54	3.73	3.75	-
3612	Transformers .....	164.43	162.80	175.07	176.64	-	4.04	4.00	4.27	4.34	-
3613	Switchgear and switchboard apparatus...	176.66	176.32	194.50	194.32	-	4.33	4.29	4.62	4.66	-
362	Electrical industrial apparatus .....	159.57	158.37	171.39	170.07	170.51	3.94	3.92	4.17	4.22	4.21
3621	Motors and generators .....	162.38	159.19	172.19	170.85	-	3.98	3.96	4.21	4.25	-
-3622	Industrial controls .....	147.78	150.80	161.58	160.40	-	3.77	3.77	3.97	4.02	-
363	Household appliances .....	163.19	166.04	175.94	170.37	(*)	4.09	4.11	4.26	4.27	(*)
3632	Household refrigerators and freezers...	172.37	172.73	193.59	193.83	-	4.32	4.34	4.43	4.55	-
3633	Household laundry equipment .....	(†)	(†)	†210.51	†176.72	-	(†)	(†)	†4.93	†4.70	-
3634	Electric housewares and fans .....	130.87	133.27	138.45	134.21	-	3.33	3.34	3.55	3.56	-
364	Electric lighting and wiring equipment ...	144.65	146.15	156.81	154.82	(*)	3.69	3.70	3.98	3.98	(*)
3641	Electric lamps .....	150.13	153.23	161.57	159.57	-	3.82	3.85	4.08	4.05	-
3642	Lighting fixtures .....	(†)	(†)	†156.38	†154.35	-	(†)	(†)	†4.02	†4.03	-
3643,4	Wiring devices .....	141.45	142.60	155.23	152.88	-	3.59	3.61	3.91	3.91	-
365	Radio and TV receiving equipment .....	138.96	139.23	147.43	150.44	150.82	3.60	3.57	3.89	3.98	3.99
366	Communication equipment .....	170.25	178.57	189.20	184.54	(*)	4.31	4.42	4.66	4.66	(*)
3661	Telephone and telegraph apparatus .....	167.74	184.32	184.46	179.01	-	4.29	4.54	4.60	4.59	-
3662	Radio and TV communication equipment	172.33	173.66	192.70	189.27	-	4.33	4.32	4.70	4.72	-
367	Electronic components and accessories ..	124.55	128.30	135.98	133.94	136.50	3.21	3.24	3.46	3.47	3.50
3671-3	Electron tubes .....	152.88	159.58	177.07	166.53	-	3.92	3.95	4.34	4.27	-
3674,9	Other electronic components .....	120.28	123.32	129.81	129.31	-	3.10	3.13	3.32	3.35	-
369	Misc. electrical equipment & supplies...	179.66	181.83	196.82	191.90	196.11	4.35	4.35	4.72	4.75	4.76
3694	Engine electrical equipment .....	193.62	191.48	208.82	203.59	-	4.61	4.57	4.96	4.99	-
37	<b>TRANSPORTATION EQUIPMENT</b> .....	212.52	200.80	218.02	218.83	222.46	5.06	5.02	5.41	5.43	5.52
371	Motor vehicles and equipment .....	239.69	216.54	240.26	244.08	(*)	5.46	5.40	5.86	5.91	(*)
3711	Motor vehicles .....	250.49	214.14	240.73	253.75	-	5.68	5.68	6.11	6.25	-
3712	Passenger car bodies .....	240.31	158.95	246.33	266.09	-	5.89	5.78	6.30	6.57	-
3713	Truck and bus bodies .....	(†)	(†)	†184.68	†174.57	-	(†)	(†)	†4.56	†4.57	-
3714	Motor vehicle parts and accessories .....	242.27	233.60	251.82	246.77	-	5.42	5.37	5.87	5.82	-
3715	Truck trailers .....	154.05	156.02	166.76	165.48	-	3.91	3.95	4.19	4.20	-
372	Aircraft and parts .....	204.76	207.14	214.94	214.26	(*)	†4.97	†5.04	†5.36	†5.37	(*)
3721	Aircraft .....	206.55	210.94	211.03	210.48	-	†5.17	†5.17	†5.51	†5.51	-
3722	Aircraft engines and engine parts .....	211.42	209.80	224.52	225.22	-	†5.07	†5.08	†5.41	†5.44	-
- 3723,9	Other aircraft parts and equipment .....	192.92	194.69	211.42	208.33	-	†4.66	†4.68	†5.01	†5.02	-
373	Ship and boat building and repairing .....	167.57	167.96	176.40	178.48	(*)	4.33	4.34	4.63	4.66	(*)
3731	Ship building and repairing .....	176.33	176.18	183.11	185.82	-	4.58	4.60	4.87	4.89	-
3732	Boat building and repairing .....	143.78	142.96	155.23	155.24	-	3.64	3.61	3.92	3.95	-
374	Railroad equipment .....	192.40	196.74	224.96	224.00	-	5.09	5.11	5.61	5.60	-
375,9	Other transportation equipment .....	143.52	143.52	154.81	149.00	-	3.68	3.68	3.88	3.86	-
38	<b>INSTRUMENTS AND RELATED PRODUCTS</b> ...	155.57	155.57	166.45	165.97	169.70	3.87	3.87	4.12	4.17	4.19
381	Engineering & scientific instruments .....	174.23	172.48	183.37	181.44	-	4.26	4.28	4.44	4.48	-
382	Mechanical measuring & control devices...	149.25	151.93	159.99	158.38	(*)	3.75	3.77	4.03	4.03	(*)
3821	Mechanical measuring devices .....	148.80	152.22	161.60	160.00	-	3.72	3.74	4.01	4.02	-
3822	Automatic temperature controls .....	150.08	151.24	157.12	155.52	-	3.79	3.80	4.06	4.05	-
383,5	Optical and ophthalmic goods .....	142.36	141.37	150.02	150.11	(*)	3.55	3.57	3.76	3.81	(*)
385	Ophthalmic goods .....	129.23	128.48	137.63	135.94	-	3.28	3.32	3.52	3.54	-
384	Medical instruments and supplies .....	131.53	133.96	149.11	143.89	(*)	3.39	3.40	3.70	3.68	(*)
386	Photographic equipment and supplies .....	199.50	196.77	210.17	214.65	(*)	4.75	4.73	5.04	5.21	(*)
387	Watches, clocks, and watchcases .....	122.67	124.43	135.04	135.63	-	3.09	3.15	3.41	3.46	-
39	<b>MISC. MANUFACTURING INDUSTRIES</b> .....	125.18	126.81	136.50	133.63	135.10	3.26	3.26	3.50	3.48	3.50
391	Jewelry, silverware, and plated ware....	135.26	138.57	147.46	142.49	(*)	3.55	3.59	3.85	3.82	(*)
394	Toys and sporting goods .....	115.12	114.73	122.43	121.34	-	2.99	2.98	3.18	3.16	-
3941-3	Games, toys, dolls & play vehicles .....	110.69	110.50	116.80	117.58	-	2.89	2.87	3.09	3.07	-
3949	Sporting and athletic goods, n e c .....	120.28	120.51	128.51	125.18	-	3.10	3.13	3.27	3.26	-
395	Pens, pencils, office and art supplies .....	131.47	133.17	145.38	135.52	-	3.32	3.28	3.52	3.52	-
396	Costume jewelry and notions .....	111.81	111.97	123.97	124.68	-	2.95	2.97	3.22	3.23	-
393,9	Other manufacturing industries .....	134.02	137.16	147.36	143.22	(*)	3.49	3.49	3.74	3.72	(*)
393	Musical instruments and parts .....	127.98	132.92	146.01	131.58	-	3.29	3.29	3.57	3.40	-
<i>Nondurable Goods</i>											
20	<b>FOOD AND KINDRED PRODUCTS</b> .....	155.09	157.03	169.31	171.37	170.57	3.82	3.83	4.16	4.19	4.15
201	Meat products .....	157.55	159.18	175.91	177.02	177.05	3.89	3.94	4.28	4.36	4.35
2011	Meat packing plants .....	192.46	198.08	217.50	217.36	-	4.66	4.75	5.07	5.20	-
2013	Sausages and other prepared meats .....	177.68	180.18	199.82	201.87	-	4.42	4.46	4.85	4.96	-
2015	Poultry dressing plants .....	100.19	98.69	105.88	109.20	-	2.53	2.55	2.75	2.80	-

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				
		July 1973	Aug 1973	June 1974	July 1974 <sup>P</sup>	Aug 1974 <sup>P</sup>	July 1973	Aug 1973	June 1974	July 1974 <sup>P</sup>	Aug 1974 <sup>P</sup>
<i>Durable Goods--(continued)</i>											
36	<b>ELECTRICAL EQUIPMENT AND SUPPLIES</b>	39.7	40.1	40.3	39.5	39.9	2.6	2.9	2.6	2.1	-
36	Electric test & distributing equipment	40.2	40.5	40.9	40.3	(*)	3.0	3.1	3.1	2.7	-
3611	Electric measuring instruments	39.0	39.8	39.6	38.4	-	2.1	2.6	2.0	1.3	-
3612	Transformers	40.7	40.7	41.0	40.7	-	-	-	-	-	-
3613	Switchgear and switchboard apparatus	40.8	41.1	42.1	41.7	-	-	-	-	-	-
362	Electrical industrial apparatus	40.5	40.4	41.1	40.3	40.5	3.3	3.2	3.4	3.0	-
3621	Motors and generators	40.8	40.2	40.9	40.2	-	3.3	3.0	3.4	3.1	-
3622	Industrial controls	39.2	40.0	40.7	39.9	-	2.6	2.9	2.9	2.3	-
363	Household appliances	39.9	40.4	41.3	39.9	(*)	2.7	3.0	2.9	1.8	-
3642	Household refrigerators and freezers	39.9	39.8	43.7	42.6	-	-	-	-	-	-
3633	Household laundry equipment	(‡)	(‡)	‡42.7	‡37.6	-	-	-	-	-	-
3634	Electric housewares and fans	39.3	39.9	39.0	37.7	-	2.2	2.9	2.4	1.8	-
364	Electric lighting and wiring equipment	39.2	39.5	39.4	38.9	(*)	2.4	2.8	2.0	1.7	-
3641	Electric lamps	39.3	39.8	39.6	39.4	-	1.6	2.3	1.5	1.5	-
3642	Lighting fixtures	(‡)	(‡)	‡38.9	‡38.3	-	2.4	3.3	1.8	1.5	-
3643	Wiring devices	39.4	39.5	39.7	39.1	-	2.8	2.7	2.4	2.0	-
365	Radio and TV receiving equipment	38.6	39.0	37.9	37.8	37.8	2.1	2.3	1.2	1.2	-
366	Communication equipment	39.5	40.4	40.6	39.6	(*)	2.0	2.5	2.2	1.8	-
3661	Telephone and telegraph apparatus	39.1	40.6	40.1	39.0	-	-	-	-	-	-
3662	Radio and TV communication equipment	39.8	40.2	41.0	40.1	-	2.3	2.5	2.8	2.4	-
367	Electronic components and accessories	38.8	39.6	39.3	38.6	39.0	2.4	2.8	2.2	1.6	-
3671-3	Electron tubes	39.0	40.4	40.8	39.0	-	1.7	2.5	2.5	1.4	-
3674-9	Other electronic components	38.8	39.4	39.1	38.6	-	2.5	2.9	2.2	1.7	-
369	Misc. electrical equipment & supplies	41.3	41.8	41.7	40.4	41.2	3.3	3.9	3.6	2.9	-
3694	Engine electrical equipment	42.0	41.9	42.1	40.8	-	-	-	-	-	-
37	<b>TRANSPORTATION EQUIPMENT</b>	42.0	40.0	40.3	40.3	40.3	4.7	4.2	3.2	3.6	-
371	Motor vehicles and equipment	43.9	40.1	41.0	41.3	(*)	6.2	5.3	3.3	4.3	-
3711	Motor vehicles	44.1	37.7	39.4	40.6	-	6.4	5.7	2.2	4.7	-
3712	Passenger car bodies	40.8	27.5	39.1	40.5	-	-	-	-	-	-
3713	Truck and bus bodies	(‡)	(‡)	‡40.5	‡38.2	-	-	-	-	-	-
3714	Motor vehicle parts and accessories	44.7	43.5	42.9	42.4	-	6.6	5.9	4.7	4.5	-
3715	Truck trailers	39.4	39.4	39.8	39.4	-	-	-	-	-	-
372	Aircraft and parts	41.2	41.1	40.1	39.9	(*)	3.1	3.0	3.4	2.9	-
3721	Aircraft	40.9	40.8	38.3	38.2	-	2.0	2.3	2.7	1.5	-
3722	Aircraft engines and engine parts	41.7	41.3	41.5	41.4	-	4.3	3.6	3.9	3.9	-
3723-9	Other aircraft parts and equipment	41.4	41.6	42.2	41.5	-	4.2	4.1	4.3	4.5	-
373	Ship and boat building and repairing	38.7	38.7	38.1	38.3	(*)	2.7	2.8	2.8	2.9	-
3731	Ship building and repairing	38.5	38.3	37.6	38.0	-	-	-	-	-	-
3732	Boat building and repairing	39.5	39.6	39.6	39.3	-	-	-	-	-	-
374	Railroad equipment	37.8	38.5	40.1	40.0	-	2.6	2.9	3.5	3.0	-
374-9	Other transportation equipment	39.0	39.0	39.9	38.6	-	2.9	2.6	2.8	2.5	-
38	<b>INSTRUMENTS AND RELATED PRODUCTS</b>	40.2	40.2	40.4	39.8	40.5	2.7	2.7	2.7	2.3	-
381	Engineering & scientific instruments	40.9	40.3	41.3	40.5	-	3.5	3.1	3.5	3.2	-
382	Mechanical measuring & control devices	39.8	40.3	39.7	39.3	(*)	2.8	3.1	2.6	2.2	-
3821	Mechanical measuring devices	40.0	40.7	40.3	39.8	-	2.8	3.2	3.0	2.5	-
3822	Automatic temperature controls	39.6	39.8	38.7	38.4	-	2.8	2.9	1.8	1.8	-
383,5	Optical and ophthalmic goods	40.1	39.6	39.9	39.4	(*)	2.5	2.2	2.6	2.0	-
385	Ophthalmic goods	39.4	38.7	39.1	38.4	-	1.9	1.6	2.2	1.6	-
384	Medical instruments and supplies	38.8	39.4	40.3	39.1	(*)	2.1	2.4	2.6	2.0	-
386	Photographic equipment and supplies	42.0	41.6	41.7	41.2	(*)	3.3	3.0	3.0	2.7	-
387	Watches, clocks, and watch cases	39.7	39.5	39.6	39.2	-	2.3	2.1	1.2	1.2	-
39	<b>MISC. MANUFACTURING INDUSTRIES</b>	38.4	38.9	39.0	38.4	38.6	1.9	2.4	2.4	1.9	-
391	Jewelry, silverware, and plated ware	38.1	38.6	38.3	37.3	(*)	1.5	2.2	2.4	1.6	-
394	Toys and sporting goods	38.5	38.5	38.5	38.4	-	2.0	2.4	2.1	1.8	-
3941-3	Games, toys, dolls, & play vehicles	38.3	38.5	37.8	38.3	-	-	-	-	-	-
3949	Sporting and athletic goods, n.e.c.	38.8	38.5	39.3	38.4	-	-	-	-	-	-
395	Pens, pencils, office and art supplies	39.6	40.6	41.3	38.5	-	2.4	3.2	2.9	2.7	-
396	Costume jewelry and notions	37.9	37.7	38.5	38.6	-	1.4	1.9	2.3	1.9	-
393,9	Other manufacturing industries	38.4	39.3	39.4	38.5	(*)	2.1	2.5	2.4	2.0	-
393	Musical instruments and parts	38.9	40.4	40.9	38.7	-	1.9	2.9	3.3	2.1	-
<i>Nondurable Goods</i>											
20	<b>FOOD AND KINDRED PRODUCTS</b>	40.6	41.0	40.7	40.9	41.1	4.3	4.4	4.3	4.3	-
201	Meat products	40.5	40.4	41.1	40.6	40.7	4.3	4.5	4.9	4.2	-
2011	Meat packing plants	41.3	41.7	42.9	41.8	-	4.5	5.0	5.5	4.9	-
2013	Sausages and other prepared meats	40.2	40.4	41.2	40.7	-	-	-	-	-	-
2015	Poultry dressing plants	39.6	38.7	38.5	39.0	-	-	-	-	-	-

See footnotes at end of table.

# ESTABLISHMENT DATA HOURS AND EARNINGS

78

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				
		July 1973	Aug. 1973	June 1974	July 1974 <sup>P</sup>	Aug. 1974 <sup>P</sup>	July 1973	Aug. 1973	June 1974	July 1974 <sup>P</sup>	Aug. 1974 <sup>P</sup>
	<i>Nondurable Goods--Continued</i>										
	<b>FOOD AND KINDRED PRODUCTS--Continued</b>										
207	Dairy products.....	\$164.12	\$162.18	\$174.29	\$177.23	\$175.56	\$3.88	\$3.88	\$4.13	\$4.18	\$4.20
2024	Ice cream and frozen desserts.....	160.27	155.70	165.95	165.95	-	3.78	3.77	3.97	3.97	-
2020	Fluid milk.....	173.36	170.49	183.17	186.17	-	4.06	4.04	4.32	4.36	-
204	Canned, cured, and frozen foods.....	120.46	133.13	134.52	138.55	-	3.17	3.32	3.54	3.58	-
2031,6	Canned, cured, and frozen sea foods.....	98.04	100.54	114.45	113.15	-	2.85	2.84	3.11	3.10	-
2022,3	Canned food, except sea foods.....	127.92	142.97	143.64	147.34	-	3.34	3.53	3.78	3.73	-
2047	Frozen fruits and vegetables.....	121.48	127.91	129.58	133.25	-	3.06	3.06	3.41	3.47	-
20	Grain mill products.....	182.25	186.91	188.78	197.99	(*)	4.05	4.09	4.31	4.39	(*)
2041	Flour and other grain mill products.....	199.88	216.92	207.48	217.62	-	4.28	4.40	4.56	4.64	-
2042	Prepared feeds for animals and fowls.....	155.72	156.98	161.92	170.25	-	3.43	3.45	3.68	3.75	-
205	Bakery products.....	160.80	160.40	170.85	175.39	(*)	3.99	4.00	4.25	4.32	(*)
2051	Bread, cake, and related products.....	162.00	160.79	171.57	175.20	-	4.05	4.05	4.30	4.38	-
2052	Cookies and crackers.....	156.11	158.95	167.26	175.10	-	3.78	3.83	4.04	4.12	-
206	Sugar.....	(‡)	(‡)	‡188.48	‡196.15	-	(‡)	(‡)	‡4.52	‡4.53	-
207	Confectionery and related products.....	136.81	137.76	148.88	149.35	(*)	3.49	3.47	3.75	3.81	(*)
2071	Confectionery products.....	131.87	131.38	142.69	143.15	-	3.39	3.36	3.64	3.68	-
208	Beverages.....	186.26	186.46	201.80	204.67	(*)	4.51	4.57	4.91	4.92	(*)
2082	Malt liquors.....	260.32	257.65	288.20	292.60	-	6.04	6.12	6.61	6.62	-
2086	Bottled and canned soft drinks.....	145.32	139.13	147.97	154.42	-	3.46	3.41	3.69	3.73	-
209	Misc. foods and kindred products.....	157.96	159.26	168.47	168.92	(*)	3.77	3.81	4.04	4.09	(*)
21	<b>TOBACCO MANUFACTURES</b> .....	142.52	145.84	161.19	162.58	144.79	3.97	3.73	4.31	4.43	4.09
211	Cigarettes.....	160.01	178.20	185.26	188.93	-	4.52	4.50	4.98	5.12	-
212	Cigars.....	95.73	97.46	101.57	96.23	-	2.63	2.62	2.68	2.58	-
22	<b>TEXTILE MILL PRODUCTS</b> .....	117.05	119.43	131.54	129.28	129.75	2.89	2.92	3.24	3.24	3.26
221	Weaving mills, cotton.....	119.11	120.10	139.17	138.18	(*)	2.87	2.88	3.29	3.29	(*)
222	Weaving mills, synthetics.....	125.11	126.82	139.67	141.59	(*)	2.93	2.97	3.39	3.42	(*)
223	Weaving and finishing mills, wool.....	124.64	124.64	134.13	136.55	(*)	3.04	3.04	3.37	3.38	(*)
224	Narrow fabric mills.....	110.64	112.63	122.21	119.56	(*)	2.78	2.83	3.04	3.05	(*)
225	Knitting mills.....	107.34	110.19	119.81	116.42	(*)	2.81	2.84	3.08	3.08	(*)
2251	Women's hosiery, except socks.....	93.18	96.10	107.80	105.85	-	2.61	2.64	2.89	2.90	-
2252	Hosiery, n e c.....	94.63	96.65	106.96	104.25	-	2.51	2.53	2.80	2.81	-
2253	Knit outerwear mills.....	108.46	112.78	120.19	116.44	-	2.90	2.96	3.13	3.13	-
2254	Knit underwear mills.....	97.35	101.40	105.94	102.93	-	2.61	2.60	2.81	2.82	-
226	Textile finishing, except wool.....	126.38	128.03	144.28	137.94	(*)	3.09	3.10	3.46	3.44	(*)
227	Floor covering mills.....	128.96	133.03	139.66	137.20	-	3.10	3.13	3.44	3.43	-
228	Yarn and thread mills.....	111.24	113.84	122.00	120.04	(*)	2.70	2.73	3.05	3.07	(*)
229	Miscellaneous textile goods.....	129.92	133.01	144.21	140.76	(*)	3.20	3.26	3.45	3.45	(*)
23	<b>APPAREL AND OTHER TEXTILE PRODUCTS</b> .....	98.64	100.44	103.70	106.44	109.14	2.74	2.79	2.98	2.99	3.04
231	Men's and boys' suits and coats.....	126.32	127.06	93.55	133.95	(*)	3.48	3.51	3.64	3.64	(*)
232	Men's and boys' furnishings.....	38.93	89.18	98.82	98.82	(*)	2.41	2.43	2.70	2.70	(*)
2321	Men's and boys' shirts and nightwear.....	87.08	86.39	97.26	95.37	-	2.36	2.38	2.65	2.62	-
2327	Men's and boys' separate trousers.....	90.88	90.53	98.55	102.12	-	2.43	2.46	2.73	2.76	-
2328	Men's and boys' work clothing.....	84.45	84.87	97.61	95.83	-	2.32	2.30	2.61	2.64	-
233	Women's and misses' outerwear.....	99.36	99.67	104.21	105.50	108.07	2.88	2.94	3.12	3.14	3.16
2331	Women's and misses' blouses and waists.....	87.95	93.26	102.64	104.78	-	2.52	2.68	3.01	2.96	-
2335	Women's and misses' dresses.....	99.37	99.66	100.49	102.40	-	2.94	3.02	3.15	3.19	-
2337	Women's and misses' suits and coats.....	115.59	113.23	121.09	119.95	-	3.37	3.36	3.52	3.57	-
2339	Women's and misses' outerwear, n e c.....	92.01	92.13	101.31	101.60	-	2.57	2.61	2.87	2.87	-
234	Women's and children's undergarments.....	87.69	91.48	97.92	96.57	(*)	2.47	2.52	2.72	2.69	(*)
2341	Women's and children's underwear.....	86.15	89.30	95.76	94.78	-	2.42	2.46	2.66	2.64	-
2342	Corsets and allied garments.....	92.84	97.11	104.33	102.60	-	2.63	2.69	2.89	2.85	-
235	Hats, caps, and millinery.....	(‡)	(‡)	‡94.42	‡95.85	-	2.39	2.42	2.63	2.67	-
236	Children's outerwear.....	90.42	91.59	99.05	97.86	98.91	2.54	2.58	2.79	2.78	2.81
237	Children's dresses and blouses.....	89.06	89.96	95.63	95.90	-	2.53	2.60	2.74	2.74	-
237,8	Fur goods and miscellaneous apparel.....	98.61	100.01	107.45	107.58	-	2.77	2.74	2.96	2.98	-
239	Misc. fabricated textile products.....	113.85	120.90	125.07	121.03	(*)	3.02	3.10	3.30	3.28	(*)
2391,2	Housefurnishings.....	92.60	97.16	104.44	101.08	-	2.53	2.55	2.80	2.80	-
26	<b>PAPER AND ALLIED PRODUCTS</b> .....	180.62	180.62	189.98	191.20	193.77	4.23	4.24	4.47	4.52	4.57
261,2,6	Paper and pulp mills.....	214.68	211.31	221.66	226.30	(*)	4.76	4.77	4.97	5.04	(*)
263	Paperboard mills.....	215.07	215.01	224.73	226.18	(*)	4.79	4.81	5.05	5.06	(*)
264	Misc. converted paper products.....	155.74	157.70	168.49	166.06	(*)	3.78	3.80	4.06	4.08	(*)
2643	Bags, except textile bags.....	153.50	152.44	161.87	160.79	-	3.64	3.70	3.91	3.97	-
265	Paperboard containers and boxes.....	158.69	161.07	167.69	168.08	(*)	3.88	3.90	4.11	4.15	(*)
2651,2	Folding and setup paperboard boxes.....	143.68	147.46	157.17	153.66	-	3.61	3.65	3.90	3.92	-
2653	Corrugated and solid fiber boxes.....	168.50	172.62	175.91	177.96	-	4.07	4.11	4.28	4.33	-
2654	Sanitary food containers.....	157.45	155.91	160.79	160.79	-	3.74	3.73	3.98	3.98	-

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

SK Code	Industry	Average weekly hours					Average overtime hours				
		July 1973	Aug 1973	June 1974	July 1974 <sup>P</sup>	Aug 1974 <sup>P</sup>	July 1973	Aug 1973	June 1974	July 1974 <sup>P</sup>	Aug 1974 <sup>P</sup>
	<i>Non-durable Goods--Continued</i>										
	<b>FOOD AND KINDRED PRODUCTS--Continued</b>										
	Dairy products.....	42.3	41.8	42.2	42.4	41.8	4.8	4.5	4.5	4.6	-
202	Ice cream and frozen desserts.....	42.4	41.3	41.8	41.8	-	-	-	-	-	-
2024	Fluid milk.....	42.7	42.2	42.4	42.7	-	-	-	-	-	-
2026	Canned, cured, and frozen foods.....	38.0	40.1	38.0	38.7	-	3.5	4.0	2.9	3.7	-
203	Canned, cured and frozen sea foods.....	34.4	35.4	36.8	36.5	-	-	-	-	-	-
2031.6	Canned food, except sea foods.....	38.3	40.5	38.0	39.5	-	-	-	-	-	-
2032.5	Frozen fruits and vegetables.....	39.7	41.8	38.0	38.4	-	-	-	-	-	-
2037	Grain mill products.....	45.0	45.7	43.8	45.1	(*)	7.2	7.8	6.3	7.2	-
204	Flour and other grain mill product.....	46.7	49.3	45.5	46.9	-	-	-	-	-	-
2041	Prepared feeds for animals and fowls.....	45.4	45.5	44.0	45.4	-	-	-	-	-	-
2042	Bakery products.....	40.3	40.1	40.2	40.6	(*)	3.7	3.7	3.8	4.1	-
205	Bread, cake, and related products.....	40.0	39.7	39.9	40.0	-	-	-	-	-	-
2051	Cookies and crackers.....	41.3	41.5	41.4	42.5	-	-	-	-	-	-
2052	Sugar.....	(†)	(†)	†41.7	†43.3	-	3.1	3.9	4.6	4.9	-
206	Confectionery and related products.....	39.2	39.7	39.7	39.2	(*)	1.8	2.6	2.7	1.9	-
207	Confectionery products.....	38.9	39.1	39.2	38.9	-	-	-	-	-	-
2071	Beverages.....	41.3	40.8	41.1	41.6	(*)	4.7	4.0	4.6	4.9	-
208	Malt liquors.....	43.1	42.1	43.6	44.2	-	-	-	-	-	-
2082	Bottled and canned soft drinks.....	42.0	40.8	40.1	41.4	-	-	-	-	-	-
086	Misc. foods and kindred products.....	41.9	41.8	41.7	41.3	(*)	4.8	4.9	4.6	4.1	-
209											
	<b>TOBACCO MANUFACTURES</b>	35.9	39.1	37.4	36.7	35.4	.8	2.6	1.0	2.2	-
21	Cigarettes.....	35.4	39.6	37.2	36.9	-	.5	3.3	.8	2.8	-
211	Cigars.....	36.4	37.2	37.9	37.3	-	1.1	1.4	1.2	.3	-
212											
	<b>TEXTILE MILL PRODUCTS</b>	40.5	40.9	40.6	39.9	39.8	4.0	4.3	3.8	3.5	-
22	Weaving mills, cotton.....	41.5	41.7	42.3	42.0	(*)	4.8	4.8	4.7	4.9	-
221	Weaving mills, synthetics.....	42.7	42.7	41.2	41.4	(*)	4.9	5.5	4.1	4.2	-
222	Weaving and finishing mills, wool.....	41.0	41.0	39.8	40.4	(*)	3.7	3.9	3.2	2.7	-
223	Narrow fabric mill.....	39.8	39.8	40.2	39.2	(*)	3.0	3.2	3.2	2.8	-
224	Knitting mills.....	38.2	38.8	38.9	37.8	(*)	2.9	3.0	2.9	2.6	-
225	Women's hosiery, except socks.....	35.7	36.4	37.3	36.5	-	-	-	-	-	-
2251	Hosiery, nec.....	37.7	38.2	38.2	37.1	-	-	-	-	-	-
2252	Knit outerwear mills.....	37.4	38.1	38.4	37.2	-	-	-	-	-	-
2253	Knit underwear mills.....	37.3	39.0	37.7	36.5	-	-	-	-	-	-
2254	Textile finishing, except wool.....	40.9	41.3	41.7	40.1	(*)	4.1	4.6	4.5	3.2	-
226	Floor covering mills.....	41.6	42.5	40.6	40.0	-	4.4	5.5	3.7	3.4	-
227	Yarn and thread mills.....	41.2	41.7	40.0	39.1	(*)	4.2	4.8	3.5	3.2	-
228	Miscellaneous textile goods.....	40.6	40.8	41.8	40.8	(*)	3.6	4.2	4.0	3.7	-
229											
	<b>APPAREL AND OTHER TEXTILE PRODUCTS</b>	36.0	36.0	34.8	35.6	35.9	1.3	1.6	1.2	1.0	-
23	Men's and boys' suits and coats.....	36.3	36.2	25.7	36.8	(*)	.9	1.2	.7	.7	-
231	Men's and boys' furnishings.....	36.9	36.7	36.6	36.6	(*)	1.2	1.4	1.2	.9	-
232	Men's and boys' shirts and nightwear.....	36.9	36.3	36.7	36.4	-	1.3	1.2	1.2	1.1	-
2327	Men's and boys' separate trousers.....	37.4	36.8	36.1	37.0	-	-	-	-	-	-
2328	Men's and boys' work clothing.....	36.4	36.9	37.4	36.3	-	1.2	1.2	1.3	.8	-
233	Women's and misses' outerwear.....	34.5	33.9	33.4	33.6	34.2	1.1	1.2	.9	.9	-
2331	Women's and misses' blouses and waists.....	34.9	34.8	34.1	35.4	-	-	-	-	-	-
2333	Women's and misses' dresses.....	33.8	33.0	31.9	32.1	-	.9	1.1	.7	.8	-
2335	Women's and misses' suits and coats.....	34.3	33.7	34.4	33.6	-	1.4	1.3	1.2	1.1	-
2337	Women's and misses' outerwear, nec.....	35.8	35.3	35.3	35.4	-	1.2	1.3	1.2	.9	-
2339	Women's and children's undergarments.....	35.5	36.3	36.0	35.9	(*)	1.1	1.4	1.1	.9	-
234	Women's and children's underwear.....	35.6	36.3	36.0	35.9	-	-	-	-	-	-
2341	Corsets and allied garments.....	35.3	36.1	36.1	36.0	-	-	-	-	-	-
2342	Hats, caps, and millinery.....	(†)	(†)	†35.9	†35.9	-	1.8	1.6	1.4	.9	-
2343	Children's outerwear.....	35.6	35.5	35.5	35.2	35.2	1.3	1.6	1.1	.9	-
2344	Children's dresses and blouses.....	35.2	34.6	34.9	35.0	-	-	-	-	-	-
2345	Children's dresses and blouses.....	35.6	36.5	36.3	36.1	-	1.1	1.4	1.1	1.0	-
2346	Footgear and miscellaneous apparel.....	37.7	39.0	37.9	36.9	(*)	2.1	3.3	2.0	1.7	-
2347	Misc. fabricated textile products.....	37.7	39.0	37.9	36.9	(*)	2.1	3.3	2.0	1.7	-
2348	Household furnishings.....	36.6	38.1	37.3	36.1	-	-	-	-	-	-
2349											
	<b>PAPER AND ALLIED PRODUCTS</b>	42.7	42.6	42.5	42.3	42.4	5.2	5.1	4.8	4.8	-
26	Paper and pulp mills.....	45.1	44.3	44.6	44.9	(*)	7.0	6.4	6.5	6.8	-
261.2.6	Paperboard mills.....	44.9	44.7	44.5	44.7	(*)	7.6	7.3	7.3	6.8	-
265	Misc. converted paper products.....	41.2	41.5	41.5	40.7	(*)	5.7	3.9	3.7	3.4	-
264	Bags, except textile bags.....	41.6	41.2	41.4	40.5	-	-	-	-	-	-
2615	Paperboard containers and boxes.....	40.9	41.3	40.8	40.5	(*)	4.1	4.3	3.4	3.5	-
265	Printing and setup paperboard boxes.....	39.8	40.4	40.3	39.2	-	-	-	-	-	-
2651.2	Corrugated and solid fiber boxes.....	41.4	42.0	41.1	41.1	-	4.1	4.8	3.5	3.8	-
2653	Sanitary food containers.....	42.1	41.8	40.4	40.4	-	-	-	-	-	-
2654											

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				
		July 1973	Aug. 1973	June 1974	July p 1974	Aug. p 1974	July 1973	Aug. 1973	June 1974	July p 1974	Aug. p 1974
	<i>Nondurable Goods--Continued</i>										
27	<b>PRINTING AND PUBLISHING</b>	\$177.66	\$178.13	\$186.24	\$185.25	\$188.86	\$4.70	\$4.70	\$4.94	\$4.94	\$4.97
271	Newspapers	183.89	182.66	191.10	189.51	192.19	5.18	5.16	5.46	5.43	5.46
272	Periodicals	207.47	209.41	212.00	208.79	-	5.11	5.12	5.34	5.34	-
273	Books	161.50	166.03	165.98	168.09	-	4.12	4.13	4.30	4.31	-
275	Commercial printing	182.19	183.14	190.08	189.74	(*)	4.72	4.72	4.95	4.98	(*)
2751	Commercial printing, ex. lithographic	174.79	174.86	182.98	181.44	-	4.54	4.53	4.79	4.80	-
2752	Commercial printing, lithographic	194.61	196.50	203.56	205.35	-	4.99	5.00	5.26	5.32	-
278	Blankbooks and bookbinding	131.48	133.38	142.45	140.24	142.11	3.46	3.51	3.70	3.71	3.73
274,6,7,9	Other publishing & printing ind.	179.80	179.03	193.15	193.44	(*)	4.67	4.65	4.94	4.96	(*)
28	<b>CHEMICALS AND ALLIED PRODUCTS</b>	188.13	188.10	200.28	202.25	202.59	4.49	4.50	4.78	4.85	4.87
281	Industrial chemicals	213.57	214.35	228.76	232.74	(*)	4.99	5.02	5.32	5.40	(*)
2812	Alkalies and chlorine	220.44	227.01	239.93	250.85	-	5.01	5.09	5.25	5.36	-
2818	Industrial organic chemicals, n.e.c.	232.73	232.09	243.65	250.71	-	5.35	5.36	5.64	5.79	-
2819	Industrial inorganic chemicals, n.e.c.	200.64	200.38	218.40	219.98	-	4.80	4.84	5.20	5.25	-
282	Plastics materials and synthetics	183.10	182.67	191.78	196.30	(*)	4.37	4.37	4.61	4.73	(*)
2821	Plastics materials and resins	199.23	203.08	216.57	127.42	-	4.71	4.69	4.99	5.08	-
2823,4	Synthetic fibers	168.90	166.05	170.45	178.64	-	4.06	4.06	4.24	4.40	-
283	Drugs	174.28	173.44	190.03	187.78	(*)	4.23	4.22	4.59	4.58	(*)
2834	Pharmaceutical preparations	170.57	169.33	186.30	183.27	-	4.14	4.13	4.50	4.47	-
284	Soap, cleaners, and toilet goods	180.18	181.52	193.33	193.11	193.26	4.46	4.46	4.75	4.78	4.76
2841	Soap and other detergents	235.88	242.97	250.32	258.34	-	5.55	5.56	5.96	6.05	-
2844	Toilet preparations	139.78	140.87	157.21	153.27	-	3.64	3.64	3.96	3.93	-
285	Paints and allied products	175.56	173.88	185.02	181.93	(*)	4.19	4.20	4.48	4.47	(*)
287	Agricultural chemicals	162.39	163.35	173.44	177.24	(*)	3.83	3.88	4.11	4.23	(*)
2871,2	Fertilizers, complete & mixing only	155.49	155.35	168.27	174.23	-	3.65	3.69	3.95	4.09	-
286,9	Other chemical products	176.78	178.05	188.78	187.63	(*)	4.27	4.28	4.56	4.61	(*)
2892	Explosives	176.28	178.83	190.28	189.05	-	4.31	4.33	4.71	4.75	-
29	<b>PETROLEUM AND COAL PRODUCTS</b>	226.18	221.65	237.97	240.26	239.10	5.26	5.24	5.56	5.64	5.72
291	Petroleum refining	236.59	229.22	249.57	251.34	(*)	5.58	5.55	5.90	5.97	(*)
295,9	Other petroleum and coal products	196.65	199.34	204.22	205.97	(*)	4.38	4.42	4.61	4.66	(*)
30	<b>RUBBER AND PLASTICS PRODUCTS, N.E.C.</b>	154.71	154.69	162.79	164.02	167.69	3.82	3.81	3.99	4.07	4.11
301	Tires and inner tubes	225.65	225.13	233.70	238.34	(*)	5.26	5.26	5.36	5.53	(*)
302,3,6	Other rubber products	148.34	151.40	155.19	152.88	(*)	3.69	3.72	3.87	3.90	(*)
302	Rubber footwear	114.64	115.33	119.50	119.70	-	2.97	2.98	3.12	3.15	-
307	Miscellaneous plastics products	132.53	132.87	141.91	142.09	144.72	3.33	3.33	3.53	3.57	3.60
31	<b>LEATHER AND LEATHER PRODUCTS</b>	106.86	106.68	114.60	112.13	112.57	2.79	2.80	3.00	2.99	3.01
311	Leather tanning and finishing	140.84	143.47	159.96	152.09	(*)	3.63	3.66	3.94	3.93	(*)
314	Footwear, except rubber	104.64	103.79	110.29	108.66	(*)	2.69	2.71	2.91	2.89	(*)
312,3,5,7,8	Other leather products	102.39	103.69	112.99	109.30	111.81	2.79	2.78	2.95	2.97	2.95
316	Luggage	106.13	102.43	113.65	109.47	-	2.94	2.91	3.08	3.11	-
317	Handbags and personal leather goods	100.46	104.18	113.29	108.83	-	2.73	2.72	2.89	2.91	-
-	<b>TRANSPORTATION AND PUBLIC UTILITIES</b>	(†)	(†)	‡217.75	‡223.04	‡224.00	(†)	(†)	‡5.35	‡5.44	‡5.45
	<b>RAILROAD TRANSPORTATION</b>										
4011	Class I railroads <sup>2</sup>	240.55	243.71	245.10	(*)	-	5.43	5.44	5.70	(*)	-
	<b>LOCAL AND INTERURBAN PASSENGER TRANSIT:</b>										
411	Local and suburban transportation	177.22	177.23	187.92	191.78	-	4.16	4.18	4.55	4.61	-
413	Intercity highway transportation	(†)	(†)	‡222.91	‡230.28	-	(†)	(†)	‡5.76	‡5.70	-
42	<b>TRUCKING AND WAREHOUSING</b>	221.33	226.84	232.55	235.98	-	5.22	5.35	5.55	5.70	-
421,3	Trucking and trucking terminals	226.10	232.60	237.57	241.95	-	5.32	5.46	5.67	5.83	-
422	Public warehousing	153.06	153.03	161.13	164.42	-	3.77	3.76	3.93	4.03	-
46	<b>PIPE LINE TRANSPORTATION</b>	232.26	217.22	245.43	249.42	-	5.53	5.39	6.06	6.01	-
48	<b>COMMUNICATION</b>	183.31	191.60	195.20	198.86	-	4.56	4.79	4.88	4.91	-
481	Telephone communication	183.37	192.48	193.91	198.05	-	4.55	4.80	4.86	4.89	-
4817	Switchboard operating employees <sup>3</sup>	132.48	139.23	138.13	144.14	-	3.68	3.90	3.88	3.96	-
4818	Line construction employees <sup>4</sup>	245.15	255.36	254.70	246.08	-	5.46	5.70	5.66	5.58	-
482	Telegraph communication <sup>5</sup>	204.54	213.41	219.01	219.01	-	4.87	5.13	5.29	5.29	-
483	Radio and television broadcasting	180.89	188.46	200.80	203.41	-	4.65	4.82	5.02	5.06	-

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				
		July 1973	Aug. 1973	June 1974	July 1974 <sup>P</sup>	Aug. 1974 <sup>P</sup>	July 1973	Aug. 1973	June 1974	July 1974 <sup>P</sup>	Aug. 1974 <sup>P</sup>
<i>Nondurable Goods--Continued</i>											
27	<b>PRINTING AND PUBLISHING</b> .....	37.8	37.9	37.7	37.5	38.0	2.9	3.0	2.7	2.5	-
271	Newspapers.....	35.5	35.4	35.0	34.9	35.2	2.6	2.6	2.4	1.9	-
272	Periodicals.....	40.6	40.9	39.7	39.1	-	3.9	4.3	3.1	2.8	-
273	Books.....	39.2	40.2	38.6	39.0	-	3.5	4.1	3.3	3.4	-
275	Commercial printing.....	38.6	38.8	38.4	38.1	(*)	3.0	3.1	2.9	2.6	-
2751	Commercial printing, ex. lithographic.....	38.5	38.6	38.2	37.8	-	3.0	2.8	2.7	2.3	-
2752	Commercial printing, lithographic.....	39.0	39.3	38.7	38.6	-	3.3	3.7	3.2	3.1	-
278	Blankbooks and bookbinding.....	38.0	38.0	38.5	37.8	38.1	2.2	2.0	2.0	2.0	-
274.6, 7, 9	Other publishing & printing ind.....	38.5	38.5	39.1	39.0	(*)	2.9	2.8	3.0	3.1	-
28	<b>CHEMICALS AND ALLIED PRODUCTS</b> ..	41.9	41.8	41.9	41.7	41.6	3.6	3.6	3.7	3.5	-
281	Industrial chemicals.....	42.8	42.7	43.0	43.1	(*)	4.1	4.1	4.5	4.4	-
2812	Alkalies and chlorine.....	44.0	44.6	45.7	46.8	-	-	-	-	-	-
2818	Industrial organic chemicals, nec.....	43.5	43.3	43.2	43.3	-	4.7	4.4	4.2	4.3	-
2819	Industrial inorganic chemicals, nec.....	41.8	41.4	42.0	41.9	-	3.5	3.5	4.4	4.4	-
282	Plastics materials and synthetics.....	41.9	41.8	41.6	41.5	(*)	3.4	3.5	3.6	3.6	-
2821	Plastics materials and resins.....	42.3	43.3	43.4	42.8	-	4.3	4.9	5.1	5.2	-
2823, 4	Synthetic fibers.....	41.6	40.9	40.2	40.6	-	2.8	2.7	2.4	2.5	-
283	Drugs.....	41.2	41.1	41.4	41.0	(*)	2.9	3.0	3.1	2.5	-
2834	Pharmaceutical preparations.....	41.2	41.0	41.4	41.0	-	-	-	-	-	-
284	Soap, cleaners, and toilet goods.....	40.4	40.7	40.7	40.4	40.6	2.9	2.8	2.6	3.0	-
2841	Soap and other detergents.....	42.5	43.7	42.0	42.7	-	-	-	-	-	-
2844	Toilet preparations.....	38.4	38.7	39.7	39.0	-	-	-	-	-	-
285	Paints and allied products.....	41.9	41.4	41.3	40.7	(*)	3.8	3.7	3.4	3.0	-
287	Agricultural chemicals.....	42.4	42.1	42.2	41.9	(*)	4.6	4.5	4.8	4.2	-
2871, 2	Fertilizers, complete & mixing only..	42.6	42.1	42.6	42.6	-	-	-	-	-	-
286, 9	Other chemical products.....	41.4	41.6	41.4	40.7	(*)	3.5	3.6	3.2	2.9	-
2892	Explosives.....	40.9	41.3	40.4	39.8	-	-	-	-	-	-
29	<b>PETROLEUM AND COAL PRODUCTS</b> .....	43.0	42.3	42.8	42.6	41.8	4.1	3.9	4.4	4.0	-
291	Petroleum refining.....	42.4	41.3	42.3	42.1	(*)	3.0	2.8	3.7	3.3	-
295, 9	Other petroleum and coal products.....	44.9	45.1	44.3	44.2	(*)	7.3	7.2	6.5	6.0	-
30	<b>RUBBER AND PLASTICS PRODUCTS, NEC</b> ..	40.5	40.6	40.8	40.3	40.8	3.9	4.1	3.8	3.5	-
301	Tires and inner tubes.....	42.9	42.8	43.6	43.1	(*)	6.0	6.3	6.1	5.5	-
302, 3, 5	Other rubber products.....	40.2	40.7	40.1	39.2	(*)	3.5	3.8	2.9	2.6	-
302	Rubber footwear.....	38.6	38.7	38.3	38.0	-	2.3	2.3	1.7	1.4	-
307	Miscellaneous plastics products.....	39.8	39.9	40.2	39.8	40.2	3.4	3.5	3.4	3.3	-
31	<b>LEATHER AND LEATHER PRODUCTS</b> .....	38.3	38.1	38.2	37.5	37.4	1.8	2.1	2.3	1.7	-
311	Leather tanning and finishing.....	38.8	39.2	40.6	38.7	(*)	2.3	3.0	3.8	2.9	-
311	Footwear, except rubber.....	38.9	38.3	37.9	37.6	(*)	1.9	2.1	2.1	1.7	-
312, 3, 5, 7, 9	Other leather products.....	36.7	37.3	38.3	36.8	37.9	1.6	2.0	2.3	1.5	-
316	Luggage.....	36.1	35.2	36.9	35.2	-	1.5	1.6	1.6	1.3	-
317	Handbags and personal leather goods..	36.8	38.3	39.2	37.4	-	1.5	2.1	2.5	1.7	-
	<b>TRANSPORTATION AND PUBLIC UTILITIES</b> .....	41.1	41.1	40.7	41.0	41.1	-	-	-	-	-
	<b>RAILROAD TRANSPORTATION:</b>										
4011	Class I railroads <sup>2</sup> .....	44.3	44.8	43.0	(*)	-	-	-	-	-	-
	<b>LOCAL AND INTERURBAN PASSENGER TRANSIT:</b>										
411	Local and suburban transportation.....	42.6	42.4	41.3	41.6	-	-	-	-	-	-
413	Intercity highway transportation.....	41.7	43.5	38.7	40.4	-	-	-	-	-	-
42	<b>TRUCKING AND WAREHOUSING</b> .....	42.4	42.4	41.9	41.4	-	-	-	-	-	-
421, 3	Trucking and trucking terminals.....	42.5	42.6	41.9	41.5	-	-	-	-	-	-
422	Public warehousing.....	40.6	40.7	41.0	40.8	-	-	-	-	-	-
46	<b>PIPE LINE TRANSPORTATION</b> .....	42.0	40.3	40.5	41.5	-	-	-	-	-	-
48	<b>COMMUNICATION</b> .....	40.2	40.0	40.0	40.5	-	-	-	-	-	-
481	Telephone communication.....	40.3	40.1	39.9	40.5	-	-	-	-	-	-
4817	Switchboard operating employees <sup>3</sup> .....	36.0	35.7	35.6	36.4	-	-	-	-	-	-
4818	Line construction employees <sup>4</sup> .....	44.9	44.8	45.0	44.1	-	-	-	-	-	-
482	Telegraph communication <sup>5</sup> .....	42.0	41.6	41.4	41.4	-	-	-	-	-	-
483	Radio and television broadcasting.....	38.9	39.1	40.0	40.2	-	-	-	-	-	-

See footnotes at end of table.

# ESTABLISHMENT DATA HOURS AND EARNINGS

82

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					
		July 1973	Aug. 1973	June 1974	July 1974 <sup>p</sup>	Aug. 1974 <sup>p</sup>	July 1973	Aug. 1973	June 1974	July 1974 <sup>p</sup>	Aug. 1974 <sup>p</sup>	
-	<b>TRANSPORTATION AND PUBLIC UTILITIES--Continued</b>											
49	<b>ELECTRIC, GAS, AND SANITARY SERVICES</b>	\$216.62	\$214.24	\$223.58	\$227.70	-	\$5.17	\$5.15	\$5.44	\$5.50	-	
491	Electric companies and systems .....	221.13	217.78	232.41	235.20	-	5.24	5.21	5.56	5.60	-	
492	Gas companies and systems .....	192.29	190.70	204.82	205.32	-	4.69	4.64	5.02	5.02	-	
493	Combination companies and systems .....	242.34	241.03	238.00	247.05	-	5.77	5.78	5.95	6.07	-	
494-7	Water, steam, & sanitary systems .....	175.98	175.98	185.66	187.29	-	4.18	4.18	4.41	4.47	-	
-	<b>WHOLESALE AND RETAIL TRADE</b>	113.92	113.63	120.06	122.50	\$122.50	3.20	3.21	3.48	3.49	\$3.50	
50	<b>WHOLESALE TRADE</b>	163.56	163.55	174.39	175.62	175.89	4.12	4.13	4.46	4.48	4.51	
501	Motor vehicles & automotive equipment .....	155.56	155.98	167.51	167.14	-	3.86	3.88	4.23	4.21	-	
502	Drugs, chemicals, and allied products .....	162.78	163.92	175.10	173.58	-	4.25	4.28	4.62	4.58	-	
503	Dry goods and apparel .....	151.84	152.56	157.38	154.80	-	4.06	4.09	4.30	4.30	-	
504	Groceries and related products .....	155.59	154.41	163.86	170.47	-	3.88	3.87	4.18	4.23	-	
506	Electrical goods .....	167.69	169.74	178.30	175.24	-	4.09	4.13	4.37	4.37	-	
507	Hardware; plumbing & heating equipment .....	152.46	154.04	163.31	162.39	-	3.85	3.88	4.22	4.24	-	
508	Machinery, equipment, and supplies .....	180.26	178.57	190.32	192.88	-	4.44	4.42	4.77	4.81	-	
509	Miscellaneous wholesalers .....	164.55	164.55	176.64	177.87	-	4.23	4.23	4.60	4.62	-	
52-59	<b>RETAIL TRADE</b>	98.10	97.87	102.94	105.46	105.14	2.86	2.87	3.11	3.12	3.12	
53	Retail general merchandise .....	90.48	89.19	93.29	96.34	-	2.75	2.77	2.99	3.02	-	
531	Department stores .....	93.96	92.59	96.72	100.17	-	2.90	2.93	3.12	3.17	-	
532	Mail order houses .....	(1)	(1)	\$116.87	\$120.00	-	3.14	3.16	3.71	3.75	-	
533	Variety stores .....	69.69	68.25	70.96	74.91	-	2.27	2.26	2.43	2.44	-	
54	Food stores .....	110.50	110.18	118.44	121.97	-	3.25	3.25	3.60	3.63	-	
541-3	Grocery, meat, and vegetable stores .....	113.86	113.20	122.18	125.43	-	3.31	3.31	3.68	3.70	-	
56	Apparel and accessory stores .....	82.62	81.41	87.05	89.24	-	2.59	2.56	2.79	2.78	-	
561	Men's & boys' clothing & furnishings .....	104.96	99.52	109.17	111.83	-	3.06	2.91	3.23	3.27	-	
562	Women's ready-to-wear stores .....	74.29	73.51	78.00	81.17	-	2.42	2.41	2.60	2.61	-	
565	Family clothing stores .....	78.39	77.74	84.33	86.02	-	2.39	2.37	2.54	2.56	-	
566	Shoe stores .....	80.60	82.53	87.88	87.64	-	2.60	2.62	2.91	2.80	-	
57	Furniture and home furnishings stores .....	131.30	131.63	136.16	138.75	-	3.52	3.51	3.71	3.75	-	
571	Furniture and home furnishings .....	132.02	134.21	138.75	139.50	-	3.53	3.56	3.74	3.76	-	
58	Eating and drinking places .....	66.47	66.88	68.90	71.22	-	2.11	2.13	2.32	2.32	-	
52,55,59	Other retail trade .....	122.74	122.47	129.40	131.51	-	3.23	3.24	3.46	3.47	-	
52	Building materials and farm equipment .....	133.65	134.20	140.14	142.36	-	3.30	3.33	3.53	3.55	-	
551,2	Motor vehicle dealers .....	163.61	162.81	172.40	172.77	-	4.07	4.05	4.31	4.33	-	
553,9	Other automotive & accessory dealers .....	138.53	138.20	141.95	145.60	-	3.33	3.33	3.54	3.56	-	
591	Drug stores and proprietary stores .....	87.86	86.63	93.24	96.25	-	2.72	2.75	2.96	2.98	-	
594	Book and stationery stores .....	102.07	101.53	109.21	113.18	-	2.95	2.96	3.26	3.29	-	
598	Fuel and ice dealers .....	(1)	(1)	\$156.00	\$157.99	-	(1)	(1)	\$4.00	\$4.01	-	
-	<b>FINANCE, INSURANCE, AND REAL ESTATE<sup>7</sup></b>	(1)	(1)	\$139.84	\$140.22	\$141.72	(1)	(1)	\$3.80	\$3.80	\$3.82	
60	Banking .....	115.38	114.45	121.15	122.18	-	3.11	3.11	3.31	3.32	-	
61	Credit agencies other than banks .....	125.06	122.56	131.79	131.41	-	3.24	3.20	3.45	3.44	-	
612	Savings and loan associations .....	123.38	119.51	127.67	128.76	-	3.29	3.23	3.46	3.48	-	
62	Security, commodity brokers & services .....	(1)	(1)	\$204.05	\$209.02	-	(1)	(1)	\$5.56	\$5.68	-	
63	Insurance carriers .....	139.12	137.63	148.27	150.26	-	3.76	3.74	4.04	4.05	-	
631	Life insurance .....	138.32	136.85	147.55	150.84	-	3.80	3.77	4.11	4.11	-	
632	Accident and health insurance .....	135.42	133.94	143.93	146.63	-	3.66	3.62	3.89	3.91	-	
633	Fire, marine, and casualty insurance .....	141.00	140.62	150.72	151.07	-	3.76	3.77	4.03	4.05	-	
-	<b>SERVICES</b>	(1)	(1)	\$127.22	\$128.39	\$129.43	(1)	(1)	\$3.72	\$3.70	\$3.73	
	<b>Hotels and other lodging places:</b>											
701	Hotels, tourist courts, and motels .....	80.37	79.79	85.35	85.84	-	2.35	2.34	2.61	2.57	-	
	<b>Personal Services:</b>											
721	Laundries and dry cleaning plants .....	92.46	92.11	100.32	101.03	-	2.59	2.58	2.81	2.83	-	
722	Photographic studios .....	104.75	103.90	107.61	105.40	-	3.01	2.96	3.11	3.10	-	
	<b>Motion pictures:</b>											
781	Motion picture filming & distributing .....	(1)	(1)	\$250.34	\$250.67	-	(1)	(1)	\$6.37	\$6.33	-	
806	Hospitals .....	113.05	112.73	118.32	121.80	-	3.23	3.23	3.40	3.47	-	

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

<sup>2</sup> Beginning January 1985, 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>p</sup> Not available.

<sup>p</sup> preliminary.



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				
		July 1973	Aug 1973	June 1974	July 1974 <sup>P</sup>	Aug 1974 <sup>P</sup>	July 1973	Aug 1973	June 1974	July 1974 <sup>P</sup>	Aug 1974 <sup>P</sup>
<b>TRANSPORTATION AND PUBLIC UTILITIES--Continued</b>											
49	<b>ELECTRIC, GAS, AND SANITARY SERVICES</b>	41.9	41.6	41.1	41.4	-	-	-	-	-	-
491	Electric companies and systems .....	42.2	41.8	41.8	42.0	-	-	-	-	-	
492	Gas companies and systems.....	41.0	41.1	40.8	40.9	-	-	-	-	-	
493	Combination companies and systems ..	42.0	41.7	40.0	40.7	-	-	-	-	-	
494-7	Water, steam & sanitary systems.....	42.1	42.1	42.1	41.9	-	-	-	-	-	
<b>WHOLESALE AND RETAIL TRADE.....</b>											
50	<b>WHOLESALE TRADE.....</b>	39.7	39.6	39.1	39.2	39.0	-	-	-	-	-
501	Motor vehicles & automotive equipment ..	40.3	40.2	39.6	39.7	-	-	-	-	-	
502	Drugs, chemicals, and allied products...	38.3	38.3	37.9	37.9	-	-	-	-	-	
503	Dry goods and apparel.....	37.4	37.3	36.6	36.0	-	-	-	-	-	
504	Groceries and related products .....	40.1	39.9	39.2	40.3	-	-	-	-	-	
506	Electrical goods.....	41.0	41.1	40.8	40.1	-	-	-	-	-	
507	Hardware, plumbing & heating equipment ..	39.6	39.7	38.7	38.3	-	-	-	-	-	
508	Machinery, equipment, and supplies.....	40.6	40.4	39.9	40.1	-	-	-	-	-	
509	Miscellaneous wholesalers.....	38.9	38.9	38.4	38.5	-	-	-	-	-	
52-59	<b>RETAIL TRADE.....</b>	34.3	34.1	33.1	33.8	33.7	-	-	-	-	
53	Retail general merchandise .....	32.9	32.2	31.2	31.9	-	-	-	-	-	
531	Department stores.....	32.4	31.6	31.0	31.6	-	-	-	-	-	
532	Mail order houses .....	( $\ddagger$ )	( $\ddagger$ )	$\ddagger$ 31.5	$\ddagger$ 32.0	-	-	-	-	-	
533	Variety stores.....	30.7	30.2	29.2	30.7	-	-	-	-	-	
54	Food stores.....	34.0	33.9	32.9	33.6	-	-	-	-	-	
541-3	Grocery, meat, and vegetable stores ...	34.4	34.2	33.2	33.9	-	-	-	-	-	
56	Apparel and accessory stores .....	31.9	31.8	31.2	32.1	-	-	-	-	-	
561	Men's & boys' clothing & furnishings ..	34.3	34.2	33.8	34.2	-	-	-	-	-	
562	Women's ready-to-wear stores .....	30.7	30.5	30.0	31.1	-	-	-	-	-	
565	Family clothing stores .....	32.8	32.8	33.2	33.6	-	-	-	-	-	
566	Shoe stores.....	31.0	31.5	30.2	31.3	-	-	-	-	-	
57	Furniture and home furnishings stores ..	37.3	37.5	36.7	37.0	-	-	-	-	-	
571	Furniture and home furnishings.....	37.4	37.7	37.1	37.1	-	-	-	-	-	
58	Eating and drinking places <sup>6</sup> .....	31.5	31.4	29.7	30.7	-	-	-	-	-	
52,55,59	Other retail trade.....	38.0	37.8	37.4	37.9	-	-	-	-	-	
52	Building materials and farm equipment ..	40.5	40.3	39.7	40.1	-	-	-	-	-	
551,2	Motor vehicle dealers.....	40.2	40.2	40.0	39.9	-	-	-	-	-	
553,9	Other automotive & accessory dealers.....	41.6	41.5	40.1	40.9	-	-	-	-	-	
591	Drug stores and proprietary stores .....	32.3	31.5	31.5	32.3	-	-	-	-	-	
594	Book and stationery stores .....	34.6	34.3	33.5	34.4	-	-	-	-	-	
598	Fuel and ice dealers.....	( $\ddagger$ )	( $\ddagger$ )	$\ddagger$ 39.0	$\ddagger$ 39.4	-	-	-	-	-	
<b>FINANCE, INSURANCE, AND REAL ESTATE<sup>7</sup>.....</b>											
60	<b>Banking.....</b>	37.3	37.1	36.8	36.9	37.1	-	-	-	-	-
60	Banking.....	37.1	36.8	36.6	36.8	-	-	-	-	-	
61	Credit agencies other than banks .....	38.6	38.3	38.2	38.2	-	-	-	-	-	
612	Savings and loan associations.....	37.5	37.0	36.9	37.0	-	-	-	-	-	
62	Security, commodity brokers & services ..	( $\ddagger$ )	( $\ddagger$ )	$\ddagger$ 36.7	$\ddagger$ 36.8	-	-	-	-	-	
63	Insurance carriers.....	37.0	36.8	36.7	37.1	-	-	-	-	-	
631	Life insurance.....	36.4	36.3	35.9	36.7	-	-	-	-	-	
632	Accident and health insurance.....	37.0	37.0	37.0	37.5	-	-	-	-	-	
633	Fire, marine, and casualty insurance...	37.5	37.3	37.4	37.3	-	-	-	-	-	
<b>SERVICES.....</b>											
701	<b>Hotels and other lodging places:</b>	34.8	34.7	34.2	34.7	34.7	-	-	-	-	-
701	Hotels, tourist courts, and motels <sup>6</sup> ...	34.2	34.1	32.7	33.4	-	-	-	-	-	
721	<b>Personal Services:</b>	35.7	35.7	35.7	35.7	-	-	-	-	-	
721	Laundries & dry cleaning plants.....	35.7	35.7	35.7	35.7	-	-	-	-	-	
722	Photographic studios .....	34.8	35.1	34.6	34.0	-	-	-	-	-	
781	<b>Motion pictures:</b>	37.8	38.2	39.3	39.6	-	-	-	-	-	
781	Motion picture filming & distributing ..	37.8	38.2	39.3	39.6	-	-	-	-	-	
806	Hospitals .....	35.0	34.9	34.8	35.1	-	-	-	-	-	

<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 September 1971 - March 1973 are shown below.

The issue of an additional 17 cents delayed payment for employees in a number of companies, which had been pending as a consequence of litigation in the courts, has been resolved and the additional amount will be paid by the affected companies with final payments being made by most of the affected reporting establishments in December 1974. As a result, using additional data to be collected, these series will be revised to include the additional delayed payments. These revisions are expected to be published in 1975.

Average hourly earnings September 1971-March 1973

SIC Code	Annual average			1971				1972								1973						
	1971	1972	1973	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.
372	\$4.38	\$4.70	\$5.01	\$4.41	\$4.45	\$4.49	\$4.57	\$4.55	\$4.54	\$4.59	\$4.64	\$4.66	\$4.67	\$4.65	\$4.74	\$4.75	\$4.82	\$4.86	\$4.93	\$4.90	\$4.91	\$4.92
3721	4.41	4.78	5.13	4.49	4.54	4.60	4.65	4.63	4.59	4.65	4.74	4.73	4.74	4.69	4.81	4.82	4.93	4.99	5.04	5.00	5.04	5.04
3722	4.38	4.76	5.06	4.38	4.43	4.47	4.63	4.60	4.64	4.65	4.65	4.69	4.71	4.76	4.81	4.82	4.85	4.87	5.01	4.95	4.95	4.96
3723,9	4.16	4.44	4.67	4.24	4.24	4.23	4.30	4.27	4.32	4.37	4.40	4.44	4.45	4.43	4.47	4.49	4.51	4.55	4.57	4.58	4.55	4.59

**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	1973						1974						
	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June
<b>EXECUTIVE BRANCH</b>													
Total employment . . . . .	2,587.4	2,573.1	2,573.6	2,565.5	2,570.7	2,585.8	2,634.7	2,592.6	2,614.9	2,623.0	2,639.7	2,650.8	2,657.5
Average weekly hours . . . . .	39.2	39.3	39.8	39.2	39.6	39.3	41.7	(*)	39.3	39.6	39.5	39.2	39.3
Average overtime hours . . . . .	1.0	1.0	1.2	1.1	1.2	1.0	3.1	(*)	1.0	1.2	1.0	1.0	1.1
Indexes (1967=100):													
Average weekly earnings . . . . .	157.6	155.5	161.6	161.9	165.2	167.4	180.8	(*)	167.7	168.4	170.2	169.1	171.7
Average hourly earnings . . . . .	158.4	155.9	160.0	162.7	164.3	167.8	170.8	(*)	168.1	167.6	169.7	170.0	172.2
<b>DEPARTMENT OF DEFENSE</b>													
Total employment . . . . .	952.1	937.6	936.4	933.4	935.3	938.7	938.4	938.2	942.2	945.0	949.7	956.9	965.7
Average weekly hours . . . . .	39.8	39.4	40.7	39.1	39.5	39.8	39.8	(*)	39.8	40.0	40.0	39.9	39.9
Average overtime hours . . . . .	.8	.7	.9	.9	.8	.8	.6	(*)	.7	.9	.7	.8	.9
Indexes (1967=100):													
Average weekly earnings . . . . .	156.1	150.0	159.9	156.5	160.2	164.4	162.5	(*)	164.7	164.2	170.4	166.5	172.9
Average hourly earnings . . . . .	158.0	153.4	158.3	161.3	163.5	166.5	164.6	(*)	166.8	165.4	171.7	168.1	174.7
<b>POST OFFICE DEPARTMENT</b>													
Total employment . . . . .	679.5	672.9	676.1	675.5	680.3	692.8	741.4	697.7	697.5	695.7	696.6	695.8	698.8
Average weekly hours . . . . .	39.0	39.5	39.4	39.8	40.9	39.6	48.0	(*)	39.4	39.7	39.4	38.8	38.8
Average overtime hours . . . . .	1.1	1.3	1.3	1.4	2.1	1.4	9.4	(*)	1.3	1.6	1.4	.9	.9
Indexes (1967=100):													
Average weekly earnings . . . . .	164.5	166.3	175.8	178.2	184.8	179.2	236.2	(*)	180.5	182.8	181.1	183.6	183.3
Average hourly earnings . . . . .	162.8	162.5	172.3	172.9	174.4	174.7	189.9	(*)	176.8	177.7	177.4	182.6	182.3
<b>OTHER AGENCIES</b>													
Total employment . . . . .	955.8	962.6	961.1	956.6	955.1	954.3	954.9	956.7	975.2	982.3	993.4	998.1	993.0
Average weekly hours . . . . .	38.9	39.0	39.2	38.8	38.8	38.7	38.7	(*)	38.9	39.1	39.0	38.8	39.0
Average overtime hours . . . . .	1.1	1.1	1.4	1.1	1.0	.9	.8	(*)	1.1	1.1	1.1	1.2	1.4
Indexes (1967=100):													
Average weekly earnings . . . . .	156.1	155.0	155.8	158.2	159.4	165.2	165.4	(*)	164.5	164.9	164.5	164.1	164.0
Average hourly earnings . . . . .	155.7	154.2	154.2	158.2	159.4	165.6	165.8	(*)	164.1	163.6	163.6	164.1	163.1

\* Not available.  
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>				
	July 1973	Aug. 1973	June 1974	July <sup>p</sup> 1974	Aug <sup>p</sup> 1974
<b>MANUFACTURING</b> . . . . .	\$3.89	\$3.88	\$4.20	\$4.24	\$4.25
<b>DURABLE GOODS</b> . . . . .	4.12	4.11	4.46	4.49	4.52
Ordnance and accessories . . . . .	(†)	(†)	‡ 4.55	‡ 4.60	-
Lumber and wood products . . . . .	3.41	3.45	3.72	3.74	-
Furniture and fixtures . . . . .	3.14	3.15	3.38	3.39	-
Stone, clay, and glass products . . . . .	3.95	3.96	4.29	4.29	-
Primary metal industries . . . . .	4.75	4.84	5.33	5.39	-
Fabricated metal products . . . . .	4.04	4.04	4.36	4.39	-
Machinery, except electrical . . . . .	4.30	4.30	4.63	4.65	-
Electrical equipment and supplies . . . . .	3.74	3.74	4.00	4.05	-
Transportation equipment . . . . .	4.80	4.77	5.20	5.20	-
Instruments and related products . . . . .	3.74	3.74	3.99	4.06	-
Miscellaneous manufacturing industries . . . . .	3.18	3.17	3.40	3.39	-
<b>NONDURABLE GOODS</b> . . . . .	3.55	3.54	3.81	3.87	3.87
Food and kindred products . . . . .	3.62	3.63	3.95	3.98	-
Tobacco manufactures . . . . .	3.92	3.61	4.26	4.29	-
Textile mill products . . . . .	2.75	2.77	3.09	3.11	-
Apparel and other textile products . . . . .	2.70	2.73	2.93	2.95	-
Paper and allied products . . . . .	3.99	4.00	4.23	4.27	-
Printing and publishing . . . . .	( <sup>2</sup> )	( <sup>2</sup> )	( <sup>2</sup> )	( <sup>2</sup> )	-
Chemicals and allied products . . . . .	4.31	4.31	4.58	4.65	-
Petroleum and coal products . . . . .	5.02	5.01	5.29	5.38	-
Rubber and plastics products, n e c . . . . .	3.64	3.63	3.82	3.90	-
Leather and leather products . . . . .	2.72	2.72	2.92	2.92	-

<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.  
‡ Previously published data for this series for March 1971 through May 1974 are being revised to correct processing errors; figures for subsequent months have been corrected for these errors. Revised historical data are not yet available; they are scheduled to be published in December when the routine benchmarking revisions will be made.

**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		
	July 1973	June 1974	July 1974 <sup>P</sup>	July 1973	June 1974	July 1974 <sup>P</sup>	July 1973	June 1974	July 1974 <sup>P</sup>
<b>TOTAL PRIVATE:</b>									
Current dollars .....	\$146.64	\$155.40	\$156.61	\$118.43	\$124.81	\$125.66	\$128.34	\$135.10	\$136.03
1967 dollars .....	110.50	105.64	105.60	89.25	84.85	84.73	96.71	91.84	91.73
<b>MINING:</b>									
Current dollars .....	200.22	226.28	226.46	157.45	176.45	176.58	169.83	190.16	190.30
1967 dollars .....	150.88	153.83	152.70	118.65	119.95	119.07	127.98	129.27	128.32
<b>CONTRACT CONSTRUCTION:</b>									
Current dollars .....	(†)	†252.13	†254.89	(†)	†195.15	†197.17	(†)	†210.23	†212.38
1967 dollars .....	(†)	†171.40	†171.87	(†)	†132.66	†132.95	(†)	†142.92	†143.21
<b>MANUFACTURING:</b>									
Current dollars .....	164.43	176.95	176.40	131.15	140.30	139.90	141.98	151.68	151.25
1967 dollars .....	123.91	120.29	118.95	98.83	95.38	94.34	106.99	103.11	101.99
<b>TRANSPORTATION AND PUBLIC UTILITIES:</b>									
Current dollars .....	(†)	†217.75	†223.04	(†)	†170.23	†174.09	(†)	†183.51	†187.63
1967 dollars .....	(†)	†148.03	†150.40	(†)	†115.72	†117.39	(†)	†124.75	†126.52
<b>WHOLESALE AND RETAIL TRADE:</b>									
Current dollars .....	113.92	120.06	122.50	94.45	98.98	100.77	102.77	107.63	109.53
1967 dollars .....	85.85	81.62	82.60	71.18	67.29	67.95	77.45	73.17	73.86
<b>FINANCE, INSURANCE, AND REAL ESTATE:</b>									
Current dollars .....	(†)	†139.84	†140.22	(†)	†113.45	†113.73	(†)	†123.08	†123.38
1967 dollars .....	(†)	†95.06	†94.55	(†)	†77.12	†76.69	(†)	†83.67	†83.20
<b>SERVICES:</b>									
Current dollars .....	(†)	†127.22	†128.39	(†)	†104.22	†105.08	(†)	†113.22	†114.14
1967 dollars .....	(†)	†86.49	†86.57	(†)	†70.85	†70.86	(†)	†76.97	†76.97
<b>CONSUMER PRICE INDEX (All items, 1967 = 100)</b> .....	132.7	147.1	148.3	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.					

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

<sup>P</sup> Preliminary.

<sup>†</sup> Previously published data for this series for March 1971 through May 1974 are being revised to correct processing errors; figures for subsequent months have been corrected for these errors. Revised historical data are not yet available; they are scheduled to be published in December when the routine benchmarking revisions will be made.

**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**

1967 = 100

Industry division and group	July 1973	Aug. 1973	June 1974	July 1974 <sup>P</sup>	Aug. 1974 <sup>P</sup>
	Man-hours				
<b>TOTAL</b> .....	113.0	113.5	113.5	113.3	113.8
<b>GOODS-PRODUCING</b> .....	104.3	106.0	104.6	102.3	103.9
<b>MINING</b> .....	104.7	106.0	113.5	112.8	111.8
<b>CONTRACT CONSTRUCTION</b> .....	123.6	125.1	114.9	115.6	117.3
<b>MANUFACTURING</b> .....	100.9	102.6	102.5	99.6	101.3
<b>DURABLE GOODS</b> .....	101.5	101.8	103.7	100.0	100.2
Ordnance and accessories .....	(‡)	(‡)	‡53.8	‡53.5	‡52.8
Lumber and wood products .....	107.8	110.2	110.2	106.6	107.2
Furniture and fixtures .....	109.7	116.2	113.0	105.8	108.4
Stone, clay, and glass products .....	115.6	116.4	114.3	113.4	114.0
Primary metal industries .....	102.7	102.0	104.5	101.7	101.5
Fabricated metal products .....	105.0	106.6	107.1	102.9	103.4
Machinery, except electrical .....	98.0	99.4	107.1	102.6	101.9
Electrical equipment .....	102.5	104.3	105.6	101.8	99.5
Transportation equipment .....	97.2	90.2	90.4	87.0	88.0
Instruments and related products .....	105.4	107.8	116.2	112.8	116.4
Miscellaneous manufacturing .....	96.1	102.3	102.4	97.6	102.4
<b>NONDURABLE GOODS</b> .....	100.0	103.9	100.8	99.0	102.9
Food and kindred products .....	99.5	106.6	97.1	100.5	110.3
Tobacco manufactures .....	70.2	91.6	72.2	70.7	83.0
Textile mill products .....	103.2	106.5	104.8	98.9	101.0
Apparel and other textile products .....	88.5	94.5	88.1	85.0	89.0
Paper and allied products .....	105.3	107.0	107.6	105.6	106.5
Printing and publishing .....	98.1	98.5	99.1	97.7	99.1
Chemicals and allied products .....	103.1	103.0	105.6	104.6	104.5
Petroleum and coal products .....	107.7	106.8	110.3	110.3	108.6
Rubber and plastics products, nec .....	132.7	135.4	137.5	132.0	137.3
Leather and leather products .....	81.6	85.4	84.9	79.6	82.5
<b>SERVICE-PRODUCING</b> .....	119.0	118.6	119.7	120.9	120.6
<b>TRANSPORTATION AND PUBLIC     UTILITIES</b> .....	109.4	109.4	109.5	110.0	109.8
<b>WHOLESALE AND RETAIL TRADE</b> .....	116.0	115.4	115.2	116.6	115.9
<b>WHOLESALE TRADE</b> .....	114.1	114.4	115.7	116.3	115.4
<b>RETAIL TRADE</b> .....	116.7	115.8	115.0	116.8	116.1
<b>FINANCE, INSURANCE, AND     REAL ESTATE</b> .....	125.7	125.2	124.7	125.5	126.0
<b>SERVICES</b> .....	125.5	125.4	129.0	130.4	130.4

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

<sup>P</sup> preliminary.

‡ Previously published data for this series for March 1971 through May 1974 are being revised to correct processing errors; figures for subsequent months have been corrected for these errors. Revised historical data are not yet available; they are scheduled to be published in December when the routine benchmarking revisions will be made.

**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	July 1973	Aug. 1973	June 1974	July 1974 <sup>P</sup>	Aug. 1974 <sup>P</sup>
	Payrolls				
<b>TOTAL</b> .....	164.5	165.7	177.8	178.0	180.1
<b>GOODS-PRODUCING</b> .....	154.7	157.3	165.0	162.6	166.8
<b>MINING</b> .....	154.5	156.0	184.9	185.0	184.1
<b>CONTRACT CONSTRUCTION</b> .....	(‡)	(‡)	‡186.3	‡188.0	‡195.8
<b>MANUFACTURING</b> .....	145.0	147.3	158.8	155.2	158.7
<b>DURABLE GOODS</b> .....	145.8	146.1	160.6	155.5	157.3
Ordnance and accessories .....	(‡)	(‡)	‡80.4	‡79.9	‡80.7
Lumber and wood products .....	163.5	168.8	181.7	176.7	180.2
Furniture and fixtures .....	153.5	164.1	169.9	158.7	164.5
Stone, clay, and glass products .....	172.0	173.8	183.5	182.2	184.5
Primary metal industries .....	153.9	155.6	175.2	172.0	175.1
Fabricated metal products .....	149.6	151.8	163.9	157.9	160.6
Machinery, except electrical .....	138.8	141.1	164.0	156.9	156.5
Electrical equipment .....	142.6	145.7	157.0	152.4	148.5
Transportation equipment .....	143.3	131.7	142.4	137.6	141.5
Instruments and related products .....	143.1	146.2	168.0	165.3	171.2
Miscellaneous manufacturing .....	133.5	142.2	152.5	144.6	152.4
<b>NONDURABLE GOODS</b> .....	143.7	149.3	155.8	154.7	161.2
Food and kindred products .....	143.9	154.5	153.0	159.7	173.6
Tobacco manufactures .....	122.8	150.6	137.4	137.9	149.7
Textile mill products .....	144.9	151.2	165.0	155.9	159.9
Apparel and other textile products .....	119.6	129.8	129.2	125.4	133.5
Paper and allied products .....	155.1	158.0	167.4	166.0	169.2
Printing and publishing .....	140.6	141.1	149.2	147.3	150.4
Chemicals and allied products .....	149.1	149.4	162.5	163.4	163.9
Petroleum and coal products .....	158.4	156.6	171.6	173.8	173.8
Rubber and plastics products, nec .....	184.5	188.1	199.9	195.8	205.8
Leather and leather products .....	110.1	115.7	123.4	115.3	120.2
<b>SERVICE-PRODUCING</b> .....	173.1	173.0	188.9	191.3	191.5
<b>TRANSPORTATION AND PUBLIC UTILITIES</b> .....	(‡)	(‡)	‡181.1	‡184.9	‡184.8
<b>WHOLESALE AND RETAIL TRADE</b> .....	165.4	164.9	178.4	181.2	180.6
<b>WHOLESALE TRADE</b> .....	163.5	164.0	179.3	181.2	180.9
<b>RETAIL TRADE</b> .....	166.3	165.4	177.9	181.2	180.4
<b>FINANCE, INSURANCE, AND REAL ESTATE</b> .....	(‡)	(‡)	‡183.3	‡184.7	‡186.1
<b>SERVICES</b> .....	(‡)	(‡)	‡209.9	‡211.0	‡121.2

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

‡ Previously published data for this series for March 1971 through May 1974 are being revised to correct processing errors; figures for subsequent months have been corrected for these errors. Revised historical data are not yet available; they are scheduled to be published in December when the routine benchmarking revisions will be made.

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

88

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

Industry	1973					1974							
	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July <sup>P</sup>	Aug. <sup>P</sup>
<b>TOTAL</b> .....	37.0	37.2	37.0	37.1	37.0	36.7	37.0	36.8	36.6	36.8	36.7	36.8	36.7
<b>MINING</b> .....	42.6	42.9	42.5	42.8	43.3	42.6	43.4	42.9	42.5	43.2	43.2	43.1	42.8
<b>CONTRACT CONSTRUCTION</b> .....	37.1	36.7	36.9	38.5	37.2	36.2	37.7	37.1	36.2	36.9	37.1	37.2	36.6
<b>MANUFACTURING</b> .....	40.5	40.8	40.6	40.6	40.7	40.3	40.5	40.4	39.3	40.3	40.1	40.2	40.3
<i>Overtime hours</i> .....	3.7	3.8	3.7	3.8	3.7	3.4	3.5	3.6	2.9	3.4	3.4	3.3	3.3
<b>DURABLE GOODS</b> .....	41.1	41.4	41.3	41.4	41.3	40.8	41.1	40.9	39.8	40.9	40.8	40.7	41.0
<i>Overtime hours</i> .....	3.9	4.0	3.9	4.0	3.9	3.5	3.6	3.7	2.9	3.6	3.4	3.4	3.6
<i>Ordnance and accessories</i> .....	(†)	(†)	(†)	(†)	(†)	(†)	(†)	(†)	(†)	(†)	†41.9	†41.7	†41.0
Lumber and wood products .....	40.7	40.7	40.3	40.3	40.9	40.4	40.6	40.3	40.1	40.1	40.1	39.9	39.9
Furniture and fixtures .....	39.7	39.7	39.4	39.4	39.6	39.8	39.7	39.5	38.8	39.4	39.4	39.4	38.6
Stone, clay, and glass products .....	42.0	42.2	41.9	42.1	42.2	41.6	41.9	41.7	41.2	41.6	41.4	41.4	41.4
Primary metal industries .....	41.8	42.7	42.7	43.4	42.4	41.8	41.4	41.5	41.2	41.6	41.6	41.6	41.9
Fabricated metal products .....	41.3	41.5	41.5	41.6	41.5	41.0	41.2	41.3	39.6	41.1	40.9	40.8	40.8
Machinery, except electrical .....	42.4	43.0	42.6	42.3	42.9	42.3	42.5	42.4	40.7	42.3	42.4	41.9	42.6
Electrical equipment and supplies .....	40.1	40.4	40.0	40.2	40.1	39.6	40.2	39.9	39.0	40.0	40.1	40.0	39.9
Transportation equipment .....	41.0	41.1	41.5	41.1	41.0	40.0	40.6	40.3	38.9	40.5	39.7	40.5	41.3
Instruments and related products .....	40.4	40.9	40.8	40.9	41.0	40.6	40.8	40.5	39.4	40.3	40.3	40.2	40.7
Miscellaneous manufacturing industries .....	38.7	39.1	38.6	38.9	38.8	38.3	39.0	38.9	37.6	38.9	38.9	38.9	38.4
<b>NONDURABLE GOODS</b> .....	39.5	39.8	39.7	39.7	39.8	39.6	39.6	39.5	38.7	39.4	39.3	39.3	39.3
<i>Overtime hours</i> .....	3.3	3.4	3.3	3.5	3.4	3.4	3.3	3.3	2.8	3.2	3.2	3.2	3.0
Food and kindred products .....	40.4	40.6	40.6	40.8	40.9	40.8	40.8	40.4	39.8	40.6	40.5	40.5	40.5
Tobacco manufactures .....	38.5	37.9	39.2	40.7	38.9	39.5	38.8	37.7	38.8	38.8	36.8	36.8	34.9
Textile mill products .....	40.8	40.9	40.5	40.6	40.8	40.6	40.7	40.4	39.2	40.2	40.2	40.2	39.7
Apparel and other textile products .....	35.7	35.9	35.8	35.7	35.9	35.2	35.6	35.5	34.5	35.6	34.7	35.5	35.6
Paper and allied products .....	42.4	42.8	42.6	42.7	42.8	42.8	42.5	42.6	41.7	42.3	42.4	42.3	42.2
Printing and publishing .....	37.7	38.0	37.9	37.9	37.8	37.7	37.7	37.6	37.1	37.8	37.6	37.4	37.8
Chemicals and allied products .....	42.1	42.0	41.9	42.0	41.9	41.8	42.0	41.8	41.8	41.8	41.8	41.9	41.9
Petroleum and coal products .....	42.1	42.5	42.2	43.0	42.7	42.5	42.6	42.8	42.5	42.2	42.5	42.0	41.6
Rubber and plastics products, nec .....	40.5	41.0	40.8	41.2	41.0	40.6	40.9	40.8	39.3	40.3	40.6	40.6	40.7
Leather and leather products .....	38.1	38.4	38.0	38.0	37.5	37.2	37.8	38.1	37.3	37.6	37.6	37.0	37.4
<b>TRANSPORTATION AND PUBLIC UTILITIES</b> .....	40.9	40.6	40.8	40.7	40.4	40.8	40.4	40.3	40.9	40.8	40.5	40.6	40.9
<b>WHOLESALE AND RETAIL TRADE</b> .....	34.5	34.6	34.5	34.6	34.5	34.3	34.4	34.3	34.5	34.3	34.2	34.2	34.1
<b>WHOLESALE TRADE</b> .....	39.4	39.5	39.3	39.4	39.1	39.1	38.9	38.9	38.9	39.1	39.0	39.0	38.8
<b>RETAIL TRADE</b> .....	33.0	33.2	33.0	33.1	32.9	32.8	33.0	32.9	33.1	32.9	32.8	32.8	32.6
<b>FINANCE, INSURANCE, AND REAL ESTATE</b> .....	37.0	37.2	36.9	37.0	37.2	36.9	37.0	36.9	36.9	36.9	36.8	36.8	37.0
<b>SERVICES</b> .....	34.2	34.1	34.0	34.0	34.0	34.0	34.1	34.0	34.0	34.1	34.2	34.1	34.2

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

† Previously published data for this series for March 1971 through May 1974 are being revised to correct processing errors; figures for subsequent months have been corrected for these errors. Revised historical data are not yet available; they are scheduled to be published in December when the routine benchmarking and seasonal adjustment revisions will be made.

NOTE: Data for the 2 most recent months are 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	1973					1974							
	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July <sup>p</sup>	Aug. <sup>p</sup>
	<b>TOTAL</b> .....	110.9	111.4	111.7	112.5	111.8	111.0	111.8	111.2	110.6	111.7	111.5	111.3
<b>GOODS-PRODUCING</b> .....	103.1	103.7	104.0	105.3	104.9	102.5	103.6	102.5	100.2	102.5	102.0	101.5	100.9
<b>MINING</b> .....	102.9	103.7	103.8	105.1	107.2	106.8	109.2	107.3	107.2	109.6	109.6	109.5	108.4
<b>CONTRACT CONSTRUCTION</b> .....	110.6	110.2	110.3	115.3	112.3	105.5	114.2	111.4	106.4	108.3	106.7	104.6	103.6
<b>MANUFACTURING</b> .....	101.8	102.6	103.0	103.6	103.5	101.8	101.5	100.8	98.9	101.2	100.9	100.7	100.1
<b>DURABLE GOODS</b> .....	102.6	103.5	104.0	104.6	104.6	102.1	101.6	100.8	99.2	101.8	101.7	101.4	100.3
Ordnance and accessories .....	(I)	(I)	(I)	(I)	(I)	(I)	(I)	(I)	(I)	(I)	(I)	(I)	(I)
Lumber and wood products .....	106.1	106.1	105.4	105.8	108.8	107.4	108.3	107.5	107.8	106.6	104.9	103.8	103.2
Furniture and fixtures .....	113.8	113.8	113.0	113.0	113.5	114.1	112.8	112.2	110.2	111.9	111.9	109.3	106.3
Stone, clay, and glass products .....	111.9	112.4	113.2	113.6	115.3	113.0	113.8	113.3	110.7	112.6	110.3	110.7	109.5
Primary metal industries .....	102.3	106.1	107.2	109.2	106.5	103.6	101.4	100.4	99.8	101.1	101.6	100.7	101.9
Fabricated metal products .....	106.7	106.6	107.4	108.2	107.7	105.7	105.3	105.0	101.2	105.1	105.1	105.1	103.4
Machinery, except electrical .....	101.8	103.2	103.2	104.6	106.5	105.1	104.7	105.1	101.0	104.8	106.0	104.6	104.6
Electrical equipment and supplies .....	104.4	105.4	106.3	107.2	107.4	105.6	106.4	104.8	102.5	104.7	105.1	104.6	99.8
Transportation equipment .....	96.8	96.5	97.4	95.9	93.8	86.9	84.5	82.7	85.2	89.0	88.2	89.7	90.0
Instruments and related products .....	108.1	109.5	110.3	111.9	112.9	112.2	113.8	113.3	111.2	113.8	115.5	114.9	116.7
Miscellaneous manufacturing, ind. ....	98.6	99.4	99.2	100.0	99.8	100.2	101.1	101.5	97.8	101.8	101.2	101.5	98.4
<b>NONDURABLE GOODS</b> .....	100.7	101.2	101.4	102.0	102.0	101.4	101.4	100.8	98.4	99.4	99.7	99.6	99.7
Food and kindred products .....	95.2	96.7	97.9	99.5	100.3	100.5	100.5	100.2	97.5	100.4	97.3	97.2	98.5
Tobacco manufactures .....	81.1	75.8	81.2	88.6	84.7	87.4	85.8	84.7	87.2	85.8	80.1	81.4	73.5
Textile mill products .....	105.9	105.8	105.1	105.5	106.1	105.6	105.3	103.8	100.4	102.7	102.5	101.3	100.4
Apparel and other textile products .....	93.0	93.5	93.3	92.6	92.2	89.8	90.4	89.1	86.7	89.7	86.9	88.3	87.7
Paper and allied products .....	105.6	106.1	106.5	106.6	106.4	107.4	106.6	106.9	104.3	106.1	105.8	105.6	105.1
Printing and publishing .....	98.3	99.0	98.8	99.1	99.2	98.9	99.2	98.1	96.6	98.7	98.9	98.1	99.0
Chemicals and allied products .....	103.1	103.4	103.8	103.7	103.7	103.8	103.6	103.8	103.1	103.4	104.3	105.0	104.5
Petroleum and coal products .....	103.3	104.3	103.5	105.5	106.5	106.9	104.5	105.0	104.3	106.1	106.9	104.8	104.6
Rubber and plastics products, nec .....	134.9	134.3	134.9	137.7	136.5	134.7	135.0	133.6	128.5	132.0	136.0	135.0	136.8
Leather and leather products .....	83.5	84.2	83.6	83.6	82.2	79.6	80.9	82.8	81.1	81.8	81.4	80.8	80.7
<b>SERVICE-PRODUCING</b> .....	116.3	116.8	117.0	117.5	116.6	116.8	117.5	117.2	117.8	118.1	118.0	118.0	118.2
<b>TRANSPORTATION AND PUBLIC UTILITIES</b> .....	107.9	107.2	109.0	108.3	107.1	109.3	108.3	107.6	108.9	108.7	107.5	107.4	108.1
<b>WHOLESALE AND RETAIL TRADE</b> .....	113.0	113.8	113.7	114.6	112.8	112.6	113.5	113.3	114.2	114.1	113.8	114.1	113.4
<b>WHOLESALE TRADE</b> .....	112.6	113.1	113.4	114.5	113.2	114.0	113.7	113.8	113.9	114.8	114.6	114.4	113.7
<b>RETAIL TRADE</b> .....	113.1	114.1	113.9	114.6	112.6	112.1	113.4	113.1	114.3	113.8	113.5	114.1	113.3
<b>FINANCE, INSURANCE, AND REAL ESTATE</b> .....	122.7	123.7	122.8	123.4	124.0	122.7	123.5	123.3	123.5	123.6	123.3	122.7	123.6
<b>SERVICES</b> .....	122.8	123.3	123.4	124.1	124.2	124.3	125.5	125.1	125.2	126.3	127.0	126.9	127.8

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

<sup>p</sup> preliminary.

<sup>2</sup> Previously published data for this series for March 1971 through May 1974 are being revised to correct processing errors; figures for subsequent months have been corrected for these errors. Revised historical data are not yet available; they are scheduled to be published in December when the routine benchmarking and seasonal adjustment revisions will be made.

**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>		
	June 1974	July 1974 <sup>p</sup>	August 1974 <sup>p</sup>	August 1973 to August 1974	June 1974 to July 1974	July 1974 to August 1974
<b>TOTAL - ALL INDUSTRIES</b> .....	149,516	149,344	149,563	1.5	-1.4	1.8
<b>TOTAL - PRIVATE</b> .....	121,109	120,888	120,842	0.7	-2.2	-0.5
<b>MINING</b> .....	1,494	1,497	1,480	5.4	2.6	-12.9
<b>CONTRACT CONSTRUCTION</b> .....	6,943	6,813	6,745	-5.2	-20.3	-11.4
<b>MANUFACTURING</b> .....	41,507	41,366	41,255	-0.5	-4.0	-3.2
<b>TRANSPORTATION AND PUBLIC UTILITIES</b> .....	9,799	9,802	9,873	0.7	0.4	9.0
<b>WHOLESALE AND RETAIL TRADE</b> .....	29,675	29,779	29,601	0.7	4.3	-6.9
<b>FINANCE, INSURANCE, AND REAL ESTATE</b> .....	7,922	7,909	7,971	1.9	-2.0	9.9
<b>SERVICES</b> .....	23,768	23,722	23,918	4.3	-2.3	10.4
<b>GOVERNMENT</b> .....	28,407	28,456	28,721	4.9	2.1	11.8

<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.

<sup>p</sup> preliminary.

NOTE: Detail 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											
	1972	1973	1971		1972			1973				1974		
			IV	I	II	III	IV	I	II	III	IV	I	II	
<b>Total private:</b>														
Output per man-hour	113.2	116.5	110.1	111.2	112.7	113.7	115.2	117.0	116.6	116.1	116.1	114.0	114.4r	
Output	118.5	125.8	113.1	115.0	117.6	119.4	121.9	124.9	125.6	126.1	126.8	124.2	123.9r	
Man-hours	104.7	108.0	102.7	103.5	104.4	105.1	105.9	106.7	107.7	108.6	109.2	109.0	108.3r	
Compensation per man-hour <sup>1</sup>	142.1	153.5	135.8	139.0	141.1	142.8	145.4	149.9	152.1	154.2	157.3	159.8	165.2r	
Real compensation per man-hour <sup>2</sup>	113.4	115.3	110.6	112.3	113.2	113.5	114.6	116.5	115.7	114.7	114.4	113.0	113.5r	
Unit labor costs	125.6	131.8	123.3	125.1	125.2	125.6	126.2	128.1	130.5	132.8	135.5	140.2	144.4r	
Unit nonlabor payments <sup>3</sup>	115.5	123.5	112.8	113.3	114.4	116.1	117.9	119.5	121.8	125.0	127.8	130.9	132.8r	
Implicit price deflator <sup>4</sup>	121.6	128.6	119.2	120.5	121.0	121.9	123.0	124.8	127.1	129.8	132.5	136.6	139.9r	
<b>Private nonfarm:</b>														
Output per man-hour	112.2	115.2	109.1	110.1	111.3	113.1	114.3	115.7	115.1	115.1	114.9	113.3	112.6r	
Output	118.9	126.3	113.2	115.2	117.9	120.1	122.4	125.2	126.0	126.8	127.1	124.7	124.0r	
Man-hours	106.0	109.6	103.8	104.6	105.9	106.2	107.1	108.2	109.5	110.2	110.7	110.0	109.1r	
Compensation per man-hour <sup>1</sup>	140.7	151.6	134.4	137.6	139.3	141.5	144.0	148.0	150.0	152.4	155.7	158.9	162.9r	
Real compensation per man-hour <sup>2</sup>	112.3	113.9	109.5	111.2	111.7	112.5	113.5	115.0	114.1	113.4	113.2	112.4	111.9r	
Unit labor costs	125.4	131.6	123.2	125.0	125.1	125.2	126.0	127.9	130.3	132.4	135.5	140.2	144.4r	
Unit nonlabor payments <sup>3</sup>	114.5	117.3	112.6	113.0	113.8	115.3	116.1	115.9	116.4	117.4	119.6	123.6	129.2r	
Implicit price deflator <sup>4</sup>	121.2	126.2	119.2	120.4	120.8	121.4	122.3	123.4	125.0	126.7	129.5	133.9	138.8r	
<b>Manufacturing:</b>														
Output per man-hour	122.7	130.0	116.0	119.3	121.5	124.1	125.7	128.5	129.7	131.2	130.1	129.9	131.1r	
Output <sup>5</sup>	119.5	132.6	109.5	113.7	117.9	121.2	125.2	129.9	132.3	133.9	134.3	132.3	132.7r	
Man-hours	97.4	102.1	94.4	95.3	97.0	97.6	99.6	101.1	102.0	102.0	103.2	101.9	101.2r	
Compensation per man-hour <sup>1</sup>	138.7	148.9	132.7	136.0	137.5	139.3	141.7	144.7	147.4	150.3	153.2	155.8	161.1r	
Real compensation per man-hour <sup>2</sup>	110.7	111.9	108.2	110.0	110.3	110.7	111.7	112.5	112.1	111.8	111.4	110.2	110.6	
Unit labor costs	113.0	114.6	114.4	114.0	113.2	112.2	112.7	112.6	113.7	114.5	117.8	120.0	122.8r	
<b>Nonfinancial corporations:</b>														
Output per man-hour	118.7	123.1	114.8	116.9	118.1	119.4	120.7	123.1	123.3	123.5	122.7	121.0	121.4p	
Output	122.8	132.3	115.5	118.8	121.7	123.5	126.9	130.7	132.3	132.9	133.4	130.6	130.7p	
Man-hours	103.4	107.5	100.6	101.6	103.1	103.5	105.2	106.2	107.3	107.7	108.7	107.9	107.7p	
Compensation per man-hour <sup>1</sup>	142.0	153.1	135.3	139.4	140.8	142.9	144.8	149.4	151.8	154.5	157.2	160.4	164.8p	
Real compensation per man-hour <sup>2</sup>	113.3	115.0	110.3	112.7	113.0	113.6	114.1	116.1	115.4	114.9	114.2	113.5	113.2p	
Total unit costs <sup>6</sup>	121.4	125.2	120.7	121.2	121.4	121.6	121.6	122.5	124.1	125.9	128.5	133.0	136.1p	
Unit labor costs	119.6	124.4	117.9	119.2	119.3	119.7	120.0	121.4	123.1	125.1	128.1	132.6	135.8p	
Unit nonlabor costs <sup>7</sup>	126.9	127.7	129.2	127.2	127.7	127.3	126.8	125.7	127.1	128.3	129.9	134.2	137.3p	
Unit profits <sup>8</sup>	86.7	90.8	79.7	84.0	84.9	86.6	91.1	91.9	91.3	90.2	89.7	86.8	94.2p	
Implicit price deflator <sup>4</sup>	116.1	120.0	114.5	115.6	115.9	116.3	117.0	117.8	119.1	120.5	122.6	126.0	129.8p	

<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.

p= preliminary.

r= revised.

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					
	IV 1972 to I 1973	I to II 1973	II to III 1973	III to IV 1973	IV 1973 to I 1974	I 1974 to II 1974	I 1972 to I 1973	II 1972 to II 1973	III 1972 to III 1973	IV 1972 to IV 1973	I 1973 to I 1974	II 1973 to II 1974
<b>Total private:</b>												
Output per man-hour.....	6.5	-1.6	-1.5	0.0	-7.1	1.4r	5.3	3.5	2.1	0.8	-2.6	-1.9r
Output.....	10.0	2.1	1.6	2.3	-7.8	-1.1r	8.6	6.8	5.5	4.0	-0.5	-1.3r
Man-hours.....	3.3	3.8	3.2	2.3	-7	-2.4r	3.1	3.2	3.3	3.2	2.1	0.6
Compensation per man-hour <sup>2</sup> .....	13.1	5.9	5.6	8.5	6.4	14.2r	7.9	7.8	8.0	8.2	6.6	8.6r
Real compensation per man-hour <sup>3</sup> .....	6.9	-2.7	-3.3	-1.2	-4.5	1.5r	3.7	2.2	1.0	-2	-3.0	-1.9r
Unit labor costs.....	6.1	7.6	7.3	8.4	14.6	12.6r	2.4	4.2	5.7	7.4	9.4	10.7r
Unit nonlabor payments <sup>4</sup> .....	5.7	7.7	11.1	9.2	10.0	6.0r	3.5	6.4	7.7	8.4	9.5	9.1r
Implicit price deflator <sup>5</sup> .....	6.0	7.6	8.7	8.7	12.9	10.1r	3.6	5.0	6.4	7.7	9.5	10.1r
<b>Private nonfarm:</b>												
Output per man-hour.....	5.2	-2.2	0.0	-7	-5.2	-2.5r	5.1	3.4	1.8	.5	-2.1	-2.1r
Output.....	9.4	2.5	2.5	1.1	-7.5	-2.0r	8.7	6.9	5.6	3.8	-4	-1.6
Man-hours.....	4.0	4.8	2.6	1.9	-2.4	.4r	3.4	3.4	3.7	3.3	1.7	0.6
Compensation per man-hour <sup>2</sup> .....	11.7	5.4	6.6	8.9	8.4	10.6r	7.6	7.7	7.7	8.1	7.3	8.6r
Real compensation per man-hour <sup>3</sup> .....	5.5	-3.2	-2.4	-8	-2.7	-1.7r	3.4	2.1	.8	-3	-2.3	-1.9r
Unit labor costs.....	6.2	7.8	6.6	9.7	14.4	13.4r	2.4	4.1	5.8	7.6	9.6	11.0r
Unit nonlabor payments <sup>4</sup> .....	-9	1.7	3.7	7.6	14.0	19.3r	2.6	2.3	1.9	3.0	6.7	11.0r
Implicit price deflator <sup>5</sup> .....	3.6	5.6	5.6	9.0	14.2	15.4r	2.4	3.5	4.4	5.9	8.5	11.0r
<b>Manufacturing:</b>												
Output per man-hour.....	9.1	3.7	4.9	-3.4	-7	4.0r	7.7	6.7	5.7	3.5	1.1	1.1r
Output.....	15.9	7.6	4.9	1.2	-5.8	1.2r	14.2	12.2	10.5	7.3	1.8	0.3r
Man-hours.....	6.2	3.8	0.0	4.8	-5.1	-2.7r	6.1	5.2	4.5	3.7	.8	-0.8r
Compensation per man-hour <sup>2</sup> .....	8.9	7.5	8.1	8.0	7.0	14.2r	6.4	7.2	7.9	8.1	7.7	9.3r
Real compensation per man-hour <sup>3</sup> .....	2.9	-1.4	-0.9	-1.7	-4.1	1.6r	2.3	1.6	1.0	-3	-2.0	-1.3
Unit labor costs.....	-2	3.7	3.0	11.9	7.8	9.8r	-1.2	-4	2.0	4.5	6.5	8.1r
<b>Nonfinancial corporations:</b>												
Output per man-hour.....	8.2	.7	.6	-2.3	-5.5	1.2p	5.3	4.4	3.4	1.7	-1.7	-1.6p
Output.....	12.5	4.8	2.0	1.5	-8.1	0.3p	10.0	8.7	7.6	5.1	-1	-1.2p
Man-hours.....	4.0	4.0	1.5	3.9	-2.8	-0.9p	4.5	4.0	4.0	3.3	1.6	0.4p
Compensation per man-hour <sup>2</sup> .....	13.1	6.5	7.2	7.3	8.5	11.3p	7.2	7.7	8.0	8.6	7.4	8.6p
Real compensation per man-hour <sup>3</sup> .....	7.2	-2.2	-1.9	-2.2	-2.6	-1.0p	3.0	2.2	1.1	.2	-2.2	-1.9p
Total unit costs <sup>7</sup> .....	2.7	5.3	5.9	8.7	14.6	9.8p	1.0	2.2	3.5	5.6	5.6	9.7p
Unit labor costs.....	4.8	5.7	6.6	9.9	14.9	10.0p	1.8	3.2	4.5	6.7	9.2	10.3p
Unit nonlabor costs <sup>8</sup> .....	-3.2	4.3	3.8	5.2	13.9	9.3p	-1.2	-5	.7	2.5	6.8	8.0p
Unit profits <sup>9</sup> .....	3.4	-2.6	-4.5	-2.5	-12.3	39.0p	9.3	7.5	4.3	-1.6	-5.6	3.2p
Implicit price deflator <sup>5</sup> .....	2.8	4.4	4.6	7.4	11.4	12.5p	2.0	2.8	3.6	4.8	6.9	9.0p

<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.

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	(#)	(#)	127.5	105.1
1972	137.9	110.1	136.7	109.1	(#)	(#)	135.4	108.0
1973	146.6	110.1	146.6	110.2	(#)	(#)	143.4	107.7
1973: August	147.1	108.9	146.6	108.5	(#)	(#)	143.9	106.5
September	149.4	110.3	149.5	110.3	(#)	(#)	145.2	107.2
October	149.6	109.5	148.7	108.8	(#)	(#)	145.9	106.8
November	150.3	109.2	151.3	109.9	(#)	(#)	146.7	106.6
December	151.3	109.2	152.9	110.4	(#)	(#)	148.3	107.1
1974: January	152.0	108.8	154.3	110.5	(#)	(#)	149.1	106.6
February	152.8	108.0	155.0	109.5	(#)	(#)	149.7	105.8
March	153.4	107.2	155.9	108.9	(#)	(#)	150.4	105.1
April	154.5	107.3	158.2	109.8	(#)	(#)	151.7	105.4
May	156.3	107.3	159.5	109.5	(#)	(#)	153.4	105.4
June	158.2	107.6	162.0	110.1	# 162.2	# 110.2	155.1	105.5
July <sup>p</sup>	159.0	107.2	163.4	110.2	# 162.8	# 109.8	156.2	105.3
August <sup>p</sup>	160.3	(*)	164.6	(*)	# 167.8	(*)	157.4	(*)
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	(#)	(#)	128.3	105.8	(#)	(#)	(#)	(#)
1972	(#)	(#)	135.0	107.7	(#)	(#)	(#)	(#)
1973	(#)	(#)	143.3	107.6	(#)	(#)	(#)	(#)
1973: August	(#)	(#)	143.8	106.2	(#)	(#)	(#)	(#)
September	(#)	(#)	145.9	107.7	(#)	(#)	(#)	(#)
October	(#)	(#)	145.1	106.9	(#)	(#)	(#)	(#)
November	(#)	(#)	146.8	106.7	(#)	(#)	(#)	(#)
December	(#)	(#)	147.5	106.5	(#)	(#)	(#)	(#)
1974: January	(#)	(#)	148.8	106.5	(#)	(#)	(#)	(#)
February	(#)	(#)	149.4	105.6	(#)	(#)	(#)	(#)
March	(#)	(#)	150.4	105.1	(#)	(#)	(#)	(#)
April	(#)	(#)	151.3	105.1	(#)	(#)	(#)	(#)
May	(#)	(#)	153.9	105.7	(#)	(#)	(#)	(#)
June	# 165.2	# 112.3	155.6	105.8	# 148.4	# 100.9	# 162.8	# 110.7
July <sup>p</sup>	# 167.7	# 113.1	156.3	105.4	# 148.6	# 100.2	# 162.1	# 109.3
August <sup>p</sup>	# 168.4	(*)	156.8	(*)	# 149.3	(*)	# 163.0	(*)

<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

# Previously published data for this series for March 1971 through May 1974 are being revised to correct processing errors; figures for subsequent months have been corrected for these errors. Revised historical data are not yet available; they are scheduled to be published in December when the routine benchmarking revisions will be made.

\* Not available.

<sup>p</sup> 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--								
	1972			1973			1974		
	June	Sept.	Dec.	Mar.	June	Sept.	Dec.	Mar.	June
Average hourly compensation:									
All persons, total private economy	6.8	6.2	7.1	7.9	7.8	8.0	8.2	6.6	8.6
All employees, private nonfarm economy:									
Current dollars	6.5	6.4	7.0	7.4	7.6	7.8	8.1	7.3	8.5
1967 dollars	3.2	3.2	3.4	3.3	2.1	.9	-2.2	-2.3	-2.0
Average hourly earnings, private nonfarm economy: <sup>2</sup>	6.2	6.0	6.7	6.2	6.3	7.1	7.0	6.8	7.4
Mining	7.3	6.6	10.7	5.5	6.5	7.8	8.3	9.3	10.9
Contract construction	(#)	(#)	(#)	(#)	(#)	(#)	(#)	(#)	(*)
Manufacturing	6.5	6.6	7.7	6.9	6.5	7.1	6.8	6.1	7.4
Transportation and public utilities	(#)	(#)	(#)	(#)	(#)	(#)	(#)	(#)	(*)
Wholesale and retail trade	4.9	5.0	5.4	4.9	5.9	6.6	7.1	7.6	8.2
Finance, insurance, and real estate	(#)	(#)	(#)	(#)	(#)	(#)	(#)	(#)	(*)
Services	(#)	(#)	(#)	(#)	(#)	(#)	(#)	(#)	(*)
Average hourly earnings, private nonfarm economy, <sup>2</sup> adjusted for overtime (in manufacturing only) and interindustry employment shifts:									
Total, current dollars	6.2	6.0	6.5	5.7	6.0	6.7	6.7	6.9	7.8
1967 dollars	3.0	2.8	3.0	1.6	.5	-.2	-1.6	-2.7	-2.6
Mining	7.4	7.0	8.1	5.8	6.9	7.7	8.1	9.1	10.4
Contract construction	(#)	(#)	(#)	(#)	(#)	(#)	(#)	(#)	(*)
Manufacturing	6.1	5.8	6.4	5.5	5.5	6.2	6.5	6.7	8.1
Transportation and public utilities	(#)	(#)	(#)	(#)	(#)	(#)	(#)	(#)	(*)
Wholesale and retail trade	5.0	5.0	5.5	5.1	5.9	6.5	6.8	7.2	8.0
Finance, insurance, and real estate	(#)	(#)	(#)	(#)	(#)	(#)	(#)	(#)	(*)
Services	(#)	(#)	(#)	(#)	(#)	(#)	(#)	(#)	(*)
Average hourly earnings, all Federal executive branch employees <sup>3</sup>	7.2	7.7	9.4	6.7	5.9	6.7	9.8	(*)	7.5
Average union scales, 7 building trades: <sup>4</sup>									
Wages and selected benefits	7.3	8.0	7.9	6.9	5.9	6.1	5.5	5.5	8.1
Hourly wage rates	6.1	6.8	6.9	5.7	4.7	4.9	4.4	4.5	7.4
Wage rates, hired farm labor	5.7	7.3	9.0	7.2	8.6	7.9	9.3	11.9	11.9
Average weekly earnings, private nonfarm economy: <sup>2</sup>									
Current dollars	6.6	6.7	6.9	6.1	6.3	6.9	6.6	6.1	6.1
1967 dollars	3.4	3.5	3.4	1.9	.8	(5/)	-1.7	-3.4	-4.1
Real spendable earnings (worker and 3 dependents, 1967 dollars)	4.1	4.3	4.1	.5	-.7	-1.5	-3.1	-4.1	-4.8

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

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

<sup>p</sup> preliminary.

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

<sup>5</sup> Less than 0.05.

<sup>r</sup> revised.

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

\* Not available.

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

<sup>#</sup> Previously published data for this series for March 1971 through May 1974 are being revised to correct processing errors.

Revised historical data are not yet available; they are scheduled to be published in December when the routine benchmarking and seasonal adjustment revisions will be made.

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

Measure	Percent change over previous quarter at annual rate								
	1972			1973			1974		
	June	Sept.	Dec.	Mar.	June	Sept.	Dec.	Mar.	June
Average hourly compensation:									
All persons, total private economy	6.1	5.0	7.5	13.1	5.9	5.6	8.5	6.4	14.2
All employees, private nonfarm economy:									
Current dollars	5.1	6.1	6.9	11.8	5.9	7.0	8.1	8.3	10.6
1967 dollars	1.9	2.4	3.2	5.6	-2.7	-2.0	-1.6	-2.9	-1.7
Average hourly earnings, private nonfarm economy: <sup>1</sup>	6.5	5.3	7.5	5.5	7.2	8.2	7.0	4.8	9.9
Mining	4.1	5.0	4.9	8.0	8.2	10.1	6.9	12.1	14.4
Contract construction	(#)	(#)	(#)	(#)	(#)	(#)	(#)	(#)	(*)
Manufacturing	7.0	5.4	7.9	7.4	5.5	7.5	7.0	4.6	10.5
Transportation and public utilities	(#)	(#)	(#)	(#)	(#)	(#)	(#)	(#)	(*)
Wholesale and retail trade	3.6	5.9	5.4	4.9	7.5	8.7	7.2	7.1	9.9
Finance, insurance, and real estate	(#)	(#)	(#)	(#)	(#)	(#)	(#)	(#)	(*)
Services	(#)	(#)	(#)	(#)	(#)	(#)	(#)	(#)	(*)
Average hourly earnings, private nonfarm economy, <sup>1</sup> adjusted for overtime (in manufacturing only) and interindustry employment shifts:									
Total, current dollars	5.6	5.3	7.1	5.0	6.7	7.9	7.1	6.0	10.4
1967 dollars	3.0	1.6	2.9	-1.1	-1.5	-.9	-2.8	-5.6	-1.0
Mining	4.2	6.0	4.0	9.3	8.3	9.4	5.4	13.3	13.9
Contract construction	(#)	(#)	(#)	(#)	(#)	(#)	(#)	(#)	(*)
Manufacturing	5.5	5.1	6.1	5.2	5.8	7.7	7.5	6.0	11.4
Transportation and public utilities	(#)	(#)	(#)	(#)	(#)	(#)	(#)	(#)	(*)
Wholesale and retail trade	4.4	5.3	5.7	5.0	7.6	7.6	7.0	6.7	10.8
Finance, insurance, and real estate	(#)	(#)	(#)	(#)	(#)	(#)	(#)	(#)	(*)
Services	(#)	(#)	(#)	(#)	(#)	(#)	(#)	(#)	(*)
Average hourly earnings, all Federal executive branch employees: <sup>2</sup>	3.3	-.8	8.8	3.8	.4	2.0	5.1	(*)	(*)
Average union scales, 7 building trades: <sup>3</sup>									
Wages and selected benefits	13.3	7.7	5.3	1.7	9.0	8.6	2.8	1.6	20.2
Hourly wage rates	11.3	6.5	4.5	.8	7.4	7.0	2.7	1.2	19.7
Wage rates, hired farm labor	9.1	13.6	4.3	2.1	15.2	10.3	10.1	11.9	15.6
Average weekly earnings, private nonfarm economy: <sup>1</sup>									
Current dollars	7.3	5.6	7.1	4.3	8.4	7.8	5.8	2.5	8.3
1967 dollars	4.6	2.0	2.9	-1.7	.1	-1.0	-4.0	-8.6	-2.8
Real spendable earnings (worker and 3 dependents, 1967 dollars)	3.8	1.4	2.1	-5.0	-.9	-1.9	-4.6	-8.9	-3.7

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

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

<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>4</sup> Less than 0.05.

<sup>r</sup> revised.

<sup>p</sup> preliminary.

\* Not available.

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

<sup>#</sup> Previously published data for this series for March 1971 through May 1974 are being revised to correct processing errors.

Revised historical data are not yet available; they are scheduled to be published in December when the routine benchmarking and seasonal adjustment revisions will be made.

**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-													
	1973					1974								
	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July <sup>P</sup>	Aug. <sup>P</sup>	
Average hourly earnings, private nonfarm economy <sup>2</sup>	6.8	7.3	6.7	7.0	7.2	6.6	6.9	6.8	6.3	7.5	8.5	7.9	8.4	
Mining	7.3	8.1	7.9	8.8	8.2	8.5	9.7	9.7	10.5	11.0	11.1	11.4	11.8	
Contract construction	(#)	(#)	(#)	(#)	(#)	(#)	(#)	(#)	(#)	(#)	(*)	(*)	(*)	
Manufacturing	6.8	7.0	7.2	6.9	6.4	5.8	6.1	6.5	6.0	7.7	8.4	8.6	9.3	
Transportation and public utilities	(#)	(#)	(#)	(#)	(#)	(#)	(#)	(#)	(#)	(#)	(*)	(*)	(*)	
Wholesale and retail trade	6.6	6.9	6.9	7.2	7.1	7.8	7.4	7.7	7.0	8.5	9.1	9.0	9.0	
Finance, insurance, and real estate	(#)	(#)	(#)	(#)	(#)	(#)	(#)	(#)	(#)	(#)	(*)	(*)	(*)	
Services	(#)	(#)	(#)	(#)	(#)	(#)	(#)	(#)	(#)	(#)	(*)	(*)	(*)	
Average hourly earnings, private nonfarm economy, <sup>2</sup> adjusted for overtime (in manufacturing only) and interindustry employment shifts:														
Total, current dollars	6.6	6.9	6.6	6.8	6.6	6.6	7.0	7.1	7.0	7.8	8.6	8.5	8.9	
1967 dollars	-8	-4	-1.2	-1.5	-2.0	-2.6	-2.7	-2.9	-2.9	-2.6	-2.2	-3.0	(*)	
Mining	7.1	8.3	7.7	8.6	8.0	8.3	9.4	9.5	9.8	10.3	11.2	11.1	12.3	
Contract construction	(#)	(#)	(#)	(#)	(#)	(#)	(#)	(#)	(#)	(#)	(*)	(*)	(*)	
Manufacturing	6.2	6.3	6.5	6.5	6.5	6.5	6.8	6.9	7.4	8.1	8.9	9.1	9.4	
Transportation and public utilities	(#)	(#)	(#)	(#)	(#)	(#)	(#)	(#)	(#)	(#)	(*)	(*)	(*)	
Wholesale and retail trade	6.5	6.8	6.6	6.9	6.8	7.3	7.1	7.3	6.9	8.3	8.7	8.9	9.1	
Finance, insurance, and real estate	(#)	(#)	(#)	(#)	(#)	(#)	(#)	(#)	(#)	(#)	(*)	(*)	(*)	
Services	(#)	(#)	(#)	(#)	(#)	(#)	(#)	(#)	(#)	(#)	(*)	(*)	(*)	
Average hourly earnings, all Federal executive branch employees <sup>3</sup>	7.2	7.3	7.4	11.1	10.8	(*)	6.3	5.1	6.8	7.0	8.7	(*)	(*)	
Average weekly earnings, private nonfarm economy: <sup>2</sup>														
Current dollars	6.5	7.0	5.8	6.7	7.2	6.1	6.3	6.0	4.5	6.4	7.4	6.8	7.5	
1967 dollars	-9	-3	-1.9	-1.6	-1.5	-3.1	-3.4	-3.9	-5.1	-3.9	-3.4	-4.5	(*)	
Real spendable earnings (worker and 3 dependents, 1967 dollars)	-2.3	-1.8	-3.3	-3.1	-3.0	-3.7	-4.1	-4.5	-5.6	-4.6	-4.2	-5.2	(*)	

<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.

\* Not available.  
p= preliminary.

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

# Previously published data for this series for March 1971 through May 1974 are being revised to correct processing errors.

Revised historical data are not yet available; they are scheduled to be published in December when the routine benchmarking and seasonal adjustment revisions will be made.

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

Measure	Percent change at annual rate over 6-month period <sup>1</sup> ending in-													
	1973					1974								
	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July <sup>P</sup>	Aug. <sup>P</sup>	
Average hourly earnings, private nonfarm economy <sup>2</sup>	7.5	8.0	7.4	7.4	7.9	5.7	6.2	5.6	5.1	7.7	9.2	10.2	10.7	
Mining	9.5	10.9	7.5	9.3	8.7	9.9	10.0	8.5	13.4	12.8	13.5	12.9	13.7	
Contract construction	(#)	(#)	(#)	(#)	(#)	(#)	(#)	(#)	(#)	(#)	(*)	(*)	(*)	
Manufacturing	6.7	7.7	7.6	7.1	7.1	6.5	5.5	5.4	4.4	8.3	9.8	10.8	13.3	
Transportation and public utilities	(#)	(#)	(#)	(#)	(#)	(#)	(#)	(#)	(#)	(#)	(*)	(*)	(*)	
Wholesale and retail trade	7.9	8.5	7.8	8.4	7.7	7.6	6.9	6.9	6.2	8.7	10.5	10.5	11.1	
Finance, insurance, and real estate	(#)	(#)	(#)	(#)	(#)	(#)	(#)	(#)	(#)	(#)	(*)	(*)	(*)	
Services	(#)	(#)	(#)	(#)	(#)	(#)	(#)	(#)	(#)	(#)	(*)	(*)	(*)	
Average hourly earnings, private nonfarm economy, <sup>2</sup> adjusted for overtime (in manufacturing only) and interindustry employment shifts:														
Total, current dollars	7.3	8.0	7.4	7.8	7.4	6.6	6.8	6.2	6.6	7.9	9.9	10.3	11.1	
1967 dollars	-2.3	-8	-1.7	-1.8	-2.1	-4.5	-3.1	-4.9	-4.1	-3.4	-2.4	-1.4	(*)	
Mining	8.7	10.0	6.2	7.6	8.3	8.7	10.2	9.0	13.4	13.1	14.3	13.5	14.4	
Contract construction	(#)	(#)	(#)	(#)	(#)	(#)	(#)	(#)	(#)	(#)	(*)	(*)	(*)	
Manufacturing	7.0	7.2	7.9	7.5	7.4	6.9	6.7	6.7	6.8	8.7	10.5	11.3	12.1	
Transportation and public utilities	(#)	(#)	(#)	(#)	(#)	(#)	(#)	(#)	(#)	(#)	(*)	(*)	(*)	
Wholesale and retail trade	7.5	8.1	7.2	7.6	7.1	7.3	6.7	6.5	6.6	9.1	10.4	10.6	11.5	
Finance, insurance, and real estate	(#)	(#)	(#)	(#)	(#)	(#)	(#)	(#)	(#)	(#)	(*)	(*)	(*)	
Services	(#)	(#)	(#)	(#)	(#)	(#)	(#)	(#)	(#)	(#)	(*)	(*)	(*)	
Average hourly earnings, all Federal executive branch employees <sup>3</sup>	2.4	4.1	3.4	5.6	7.8	(*)	5.1	3.0	3.3	2.6	1.6	(*)	(*)	
Average weekly earnings, private nonfarm economy: <sup>2</sup>														
Current dollars	6.4	8.6	6.3	6.8	7.3	2.9	6.2	3.4	2.8	5.9	7.4	10.8	8.9	
1967 dollars	-3.1	-2	-2.7	-2.6	-2.2	-7.9	-3.6	-7.4	-7.5	-5.2	-4.6	-9	(*)	
Real spendable earnings (worker and dependents, 1967 dollars)	-3.9	-1.2	-3.4	-3.4	-3.0	-8.2	-4.3	-7.8	-7.8	-5.9	-5.4	-2.1	(*)	

<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.

# Previously published data for this series for March 1971 through May 1974 are being revised to correct processing errors.

Revised historical data are not yet available; they are scheduled to be published in December when the routine benchmarking and seasonal adjustment revisions will be made.

C-17: Average hourly or weekly compensation, seasonally adjusted

Measure	1973					1974							
	3d quarter		4th quarter			1st quarter			2d quarter		3d quarter		
	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July <sup>P</sup>	Aug. <sup>P</sup>
<b>Levels</b>													
Average hourly earnings, private nonfarm economy <sup>1</sup>	\$3.92	\$3.96	\$3.98	\$3.99	\$4.02	\$4.02	\$4.04	\$4.07	\$4.08	\$4.14	\$4.20	\$4.22	\$4.25
Mining	4.73	4.78	4.76	4.83	4.90	4.97	4.96	4.98	5.07	5.13	5.22	5.28	5.29
Contract construction	(#)	(#)	(#)	(#)	(#)	(#)	(#)	(#)	(#)	(#)	#6.75	#6.76	#6.91
Manufacturing	4.09	4.13	4.16	4.16	4.18	4.20	4.20	4.24	4.25	4.33	4.38	4.42	4.47
Transportation and public utilities	(#)	(#)	(#)	(#)	(#)	(#)	(#)	(#)	(#)	(#)	#5.37	#5.43	#5.44
Wholesale and retail trade	3.23	3.26	3.27	3.29	3.31	3.33	3.34	3.37	3.37	3.43	3.48	3.50	3.52
Finance, insurance, and real estate	(#)	(#)	(#)	(#)	(#)	(#)	(#)	(#)	(#)	(#)	#3.81	#3.80	#3.84
Services	(#)	(#)	(#)	(#)	(#)	(#)	(#)	(#)	(#)	(#)	#3.74	#3.72	#3.76
Wage rates, hired farm labor (quarterly data)	-	-	2.06	-	-	2.11	-	-	2.17	-	-	2.25	-
<b>Average weekly earnings, private nonfarm economy<sup>1</sup></b>													
Current dollars	145.04	147.31	147.26	148.03	148.74	147.53	149.48	149.78	149.33	152.35	154.14	155.30	155.98
1967 dollars	107.48	108.72	107.80	107.53	107.39	105.40	105.51	104.60	103.69	104.68	104.90	104.90	(*)
Real spendable earnings (worker and 3 dependents, 1967 dollars)	94.19	95.16	94.30	94.61	93.83	92.18	92.13	91.33	90.56	91.21	91.28	91.20	(*)
<b>Indexes, 1967=100</b>													
<b>Average hourly compensation (quarterly data)</b>													
All persons, total private economy	154.2	-	-	157.3	-	-	159.8	-	-	165.2	-	-	(*)
<b>All employees, private nonfarm economy:</b>													
Current dollars	152.4	-	-	155.4	-	-	158.5	-	-	162.5	-	-	(*)
1967 dollars	113.4	-	-	112.9	-	-	112.1	-	-	111.6	-	-	(*)
<b>Average hourly earnings, private nonfarm economy<sup>1</sup>, adjusted for overtime (in manufacturing only) and interindustry employment shifts:</b>													
Total, current dollars	147.6	149.0	149.6	150.3	151.3	151.7	152.5	153.5	154.5	156.1	158.5	159.3	160.8
1967 dollars	109.4	109.9	109.5	109.1	109.2	108.4	107.6	107.2	107.3	107.3	107.9	107.6	(*)
Mining	147.5	149.5	148.4	150.2	152.1	154.2	154.3	156.1	158.0	159.8	162.6	164.2	165.6
Contract construction	(#)	(#)	(#)	(#)	(#)	(#)	(#)	(#)	(#)	(#)	#163.3	#163.5	#167.8
Manufacturing	144.5	145.4	146.5	147.0	147.9	148.5	149.3	150.1	151.4	153.3	155.4	156.7	158.0
Transportation and public utilities	(#)	(#)	(#)	(#)	(#)	(#)	(#)	(#)	(#)	(#)	#165.9	#167.8	#168.4
Wholesale and retail trade	144.4	145.7	146.2	146.9	147.9	148.8	149.1	150.4	151.0	153.5	155.4	156.5	157.4
Finance, insurance, and real estate	(#)	(#)	(#)	(#)	(#)	(#)	(#)	(#)	(#)	(#)	#148.7	#148.7	#149.9
Services	(#)	(#)	(#)	(#)	(#)	(#)	(#)	(#)	(#)	(#)	#162.9	#162.0	#163.4
<b>Average hourly earnings, all Federal executive branch employees<sup>2</sup></b>													
	160.0	162.7	164.3	167.8	170.8	(*)	168.1	167.6	169.7	170.0	172.2	(*)	(*)
<b>Average union scales,<sup>2</sup> building trades (quarterly data)</b>													
Wages and selected benefits	-	-	172.2	-	-	173.4	-	-	174.1	-	-	182.3	-
Hourly wage rates	-	-	161.9	-	-	163.0	-	-	163.5	-	-	171.0	-

<sup>1</sup> Production and nonsupervisory workers. <sup>2</sup> Not seasonally adjusted. <sup>3</sup> Revised. <sup>4</sup> Not available. <sup>P</sup> preliminary.  
<sup>#</sup> Previously published data for this series for March 1971 through May 1974 are being revised to correct processing errors; figures for subsequent months have been corrected for these errors. Revised historical data are not yet available, they are scheduled to be published in December when the routine benchmarking and seasonal adjustment revisions will be made.

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 man-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**  
**STATE AND AREA HOURS AND EARNINGS**

96

**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		
	July 1973	June 1974	July 1974 <sup>P</sup>	July 1973	June 1974	July 1974 <sup>P</sup>	July 1973	June 1974	July 1974 <sup>P</sup>
<b>ALABAMA</b>	\$138.38	\$152.89	\$153.00	40.7	41.1	40.8	\$3.40	\$3.72	\$3.75
Birmingham	164.43	181.48	181.40	40.4	40.6	40.4	4.07	4.47	4.49
Mobile	166.87	180.13	188.37	40.9	41.6	41.4	4.08	4.33	4.55
<b>ALASKA</b>	220.30	263.34	(*)	40.2	38.5	(*)	5.48	6.84	(*)
<b>ARIZONA</b>	162.00	172.73	176.80	40.0	39.8	40.0	4.05	4.34	4.42
Phoenix	162.40	175.71	179.78	40.0	40.3	40.4	4.06	4.36	4.45
Tucson	161.57	183.82	185.95	40.8	40.4	40.6	3.96	4.55	4.58
<b>ARKANSAS</b>	120.30	133.32	130.94	40.1	40.4	39.8	3.00	3.30	3.29
Fayetteville-Springdale	108.70	123.82	116.70	39.1	41.0	38.9	2.78	3.02	3.00
Fort Smith	117.69	128.25	127.65	39.1	39.1	38.8	3.01	3.28	3.29
Little Rock-North Little Rock	129.44	146.65	142.88	40.2	40.4	39.8	3.22	3.63	3.59
Pine Bluff	147.42	160.74	163.58	40.5	40.9	41.1	3.64	3.93	3.98
<b>CALIFORNIA</b>	178.40	188.94	186.36	40.0	40.2	39.4	4.46	4.70	4.73
Anaheim-Santa Ana-Garden Grove	169.24	176.99	175.64	40.2	40.5	40.1	4.21	4.37	4.38
Bakersfield	183.51	195.21	186.84	40.6	40.5	39.5	4.52	4.82	4.73
Fresno	147.41	162.33	160.93	37.7	39.4	38.5	3.91	4.12	4.18
Los Angeles-Long Beach	171.70	180.63	177.41	40.4	40.5	39.6	4.25	4.46	4.48
Modesto	156.33	179.10	177.02	37.4	38.6	38.4	4.18	4.64	4.61
Oxnard-Simi Valley-Ventura	156.02	163.17	167.60	39.7	39.7	40.0	3.93	4.11	4.19
Riverside-San Bernardino-Ontario	179.49	190.48	191.76	40.7	40.7	40.8	4.41	4.68	4.70
Sacramento	189.44	197.51	198.60	38.9	38.5	37.9	4.87	5.13	5.24
Salinas-Seaside-Monterey	164.26	173.82	175.13	38.2	38.8	37.5	4.30	4.48	4.67
San Diego	184.06	187.78	190.22	40.1	39.7	40.3	4.59	4.73	4.72
San Francisco-Oakland	208.62	218.96	222.83	39.7	39.1	39.3	5.26	5.60	5.67
San Jose	188.70	196.18	193.45	41.2	40.2	39.4	4.58	4.88	4.91
Santa Barbara-Santa Maria-Lompoc	159.98	160.65	161.73	39.6	37.8	37.7	4.04	4.25	4.29
Santa Rosa	175.52	180.85	179.99	39.8	39.4	39.3	4.41	4.59	4.58
Stockton	191.35	199.36	203.70	40.2	39.4	39.4	4.76	5.06	5.17
Vallejo-Fairfield-Napa	176.24	188.18	192.37	37.9	38.8	39.1	4.65	4.85	4.92
<b>COLORADO</b>	170.54	181.65	185.47	40.8	40.1	39.8	4.18	4.53	4.66
Denver	179.61	186.80	188.14	41.1	40.0	40.2	4.37	4.67	4.68
<b>CONNECTICUT</b>	171.81	183.90	183.43	41.6	41.7	41.5	4.13	4.41	4.42
Bridgeport	175.14	181.86	182.27	41.9	42.0	41.9	4.18	4.33	4.35
Hartford	182.27	197.86	196.45	41.9	43.2	42.8	4.35	4.58	4.59
New Britain	174.72	192.04	189.11	41.9	42.3	41.2	4.17	4.54	4.59
New Haven	168.92	174.53	171.97	41.0	40.4	39.9	4.12	4.32	4.31
Stamford	179.08	198.37	198.78	40.7	41.5	41.5	4.40	4.78	4.79
Waterbury	154.75	167.84	166.27	41.6	42.6	42.2	3.72	3.94	3.94
<b>DELAWARE</b>	171.86	186.93	189.53	39.6	40.2	39.9	4.34	4.65	4.75
Wilmington	196.80	206.40	211.85	41.0	40.0	40.2	4.80	5.16	5.27
<b>DISTRICT OF COLUMBIA:</b>									
Washington SMSA	183.94	196.10	198.79	38.4	38.3	38.6	4.79	5.12	5.15
<b>FLORIDA</b>	141.40	152.25	152.78	40.4	40.6	40.1	3.50	3.75	3.81
Fort Lauderdale-Hollywood	131.43	154.09	150.10	39.0	41.2	39.5	3.37	3.74	3.80
Jacksonville	162.51	181.01	181.79	41.3	41.9	41.6	3.93	4.32	4.37
Miami	133.12	139.91	144.90	39.5	39.3	39.7	3.37	3.56	3.65
Orlando	144.02	159.51	162.37	40.8	40.9	40.9	3.53	3.90	3.97
Pensacola	162.40	181.12	197.34	40.6	44.5	42.9	4.00	4.07	4.60
Tampa-St. Petersburg	151.79	164.41	165.24	41.7	41.0	40.5	3.64	4.01	4.08
West Palm Beach-Boca Raton	157.54	179.86	179.05	38.9	40.6	40.6	4.05	4.43	4.41
<b>GEORGIA</b>	134.39	144.18	140.94	40.6	40.5	39.7	3.31	3.56	3.55
Atlanta	173.40	164.61	157.95	40.8	39.1	39.0	4.25	4.21	4.05
Savannah	168.27	176.36	178.08	42.6	42.6	42.3	3.95	4.14	4.21

See text notes at end of tables.

**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		
	July 1973	June 1974	July 1974 <sup>P</sup>	July 1973	June 1974	July 1974 <sup>P</sup>	July 1973	June 1974	July 1974 <sup>P</sup>
<b>HAWAII</b> .....	\$156.47	\$163.22	\$166.34	44.2	40.5	41.9	\$3.54	\$4.03	\$3.97
Honolulu.....	155.76	158.80	159.57	44.0	39.7	40.5	3.54	4.00	3.94
<b>IDAHO</b> .....	165.35	180.23	178.70	38.1	40.5	40.8	4.34	4.45	4.38
<b>ILLINOIS</b> .....	181.16	199.09	195.37	40.4	40.8	39.9	4.48	4.88	4.90
Chicago-SMSA.....	181.57	199.28	(*)	40.1	40.8	(*)	4.52	4.89	(*)
Davenport-Rock Island-Moline.....	202.44	249.95	(*)	39.5	42.5	(*)	5.12	5.88	(*)
Decatur.....	191.57	222.26	(*)	40.2	41.3	(*)	4.76	5.39	(*)
Peoria.....	202.97	232.75	(*)	39.7	39.8	(*)	5.11	5.85	(*)
Rockford.....	180.20	200.43	(*)	41.5	42.6	(*)	4.34	4.70	(*)
Springfield.....	195.22	219.22	(*)	40.5	41.4	(*)	4.81	5.29	(*)
<b>INDIANA</b> .....	191.00	208.47	206.35	40.9	41.2	40.7	4.67	5.06	5.07
Indianapolis.....	199.13	209.75	(*)	42.1	41.7	(*)	4.73	5.03	(*)
<b>IOWA</b> .....	178.70	200.98	193.83	39.8	41.1	39.8	4.49	4.89	4.87
Cedar Rapids.....	180.52	198.21	191.78	39.5	40.7	38.9	4.57	4.87	4.93
Des Moines.....	185.31	221.58	198.86	38.5	41.4	37.8	4.82	5.35	5.27
Dubuque.....	215.47	235.78	240.73	40.2	40.7	40.7	5.36	5.80	5.92
Sioux City.....	133.92	158.39	157.17	37.2	39.4	39.0	3.60	4.02	4.03
Waterloo-Cedar Falls.....	227.98	250.02	246.97	41.3	41.6	41.3	5.52	6.01	5.98
<b>KANSAS</b> .....	162.62	172.57	174.92	41.5	41.5	41.6	3.92	4.15	4.21
Topeka.....	182.50	178.24	185.01	40.5	40.0	40.5	4.50	4.45	4.57
Wichita.....	175.54	191.18	194.58	42.4	42.9	43.2	4.10	4.45	4.51
<b>KENTUCKY</b> .....	158.00	171.63	(*)	39.6	40.1	(*)	3.99	4.28	(*)
Louisville.....	187.38	211.45	208.17	39.7	40.9	40.5	4.72	5.17	5.14
<b>LOUISIANA</b> .....	168.86	179.01	181.20	41.9	40.5	40.0	4.03	4.42	4.53
Baton Rouge.....	215.90	233.79	239.36	41.6	42.2	41.7	5.19	5.54	5.74
New Orleans.....	169.70	173.21	178.49	41.9	39.1	40.2	4.05	4.43	4.44
Shreveport.....	152.59	167.16	166.04	40.8	42.0	41.2	3.74	3.98	4.03
<b>MAINE</b> .....	132.93	140.65	143.32	40.9	40.3	40.6	3.25	3.49	3.53
Leiston-Auburn.....	113.83	121.44	119.57	39.8	39.3	38.2	2.86	3.09	3.13
Portland.....	144.73	148.56	149.48	41.0	40.7	40.4	3.53	3.65	3.70
<b>MARYLAND</b> .....	172.16	184.34	186.00	40.7	39.9	40.0	4.23	4.62	4.65
Baltimore.....	181.25	192.00	193.68	41.1	40.0	40.1	4.41	4.80	4.83
<b>MASSACHUSETTS</b> .....	157.17	166.43	165.53	40.3	40.2	39.6	3.90	4.14	4.18
Boston.....	173.69	183.87	183.54	40.3	40.5	39.9	4.31	4.54	4.60
Brockton.....	131.24	137.77	138.52	38.6	38.7	38.8	3.40	3.56	3.57
Fall River.....	109.37	112.50	116.92	34.5	34.3	34.9	3.17	3.28	3.35
Lawrence-Haverhill.....	147.34	158.40	153.14	39.5	39.6	38.0	3.73	4.00	4.03
Lowell.....	133.03	150.52	145.59	37.9	39.3	37.2	3.51	3.83	3.86
New Bedford.....	132.05	134.31	134.55	39.3	37.0	37.9	3.36	3.63	3.55
Springfield-Chicopee-Holyoke.....	153.23	166.46	162.29	39.8	40.7	39.2	3.85	4.09	4.14
Worcester.....	157.61	174.47	174.80	39.9	40.2	40.0	3.95	4.34	4.37
<b>MICHIGAN</b> <sup>1</sup> .....	227.94	235.06	235.60	43.5	41.9	41.9	5.24	5.61	5.62
Ann Arbor <sup>1</sup> .....	252.17	259.27	267.13	46.1	43.7	44.7	5.47	5.93	5.98
Battle Creek <sup>2</sup> .....	217.54	240.75	246.77	43.5	42.8	43.3	5.00	5.63	5.70
Bay City <sup>1</sup> .....	209.44	243.38	242.44	43.3	45.8	45.7	4.84	5.31	5.31
Detroit <sup>2</sup> .....	247.97	255.30	256.29	44.5	42.6	42.8	5.58	5.99	5.99
Flint <sup>2</sup> .....	264.74	262.77	266.18	45.7	41.2	41.5	5.79	6.38	6.41
Grand Rapids <sup>1</sup> .....	178.26	191.82	192.00	40.8	40.7	40.6	4.37	4.71	4.73
Jackson <sup>1</sup> .....	213.12	220.90	220.92	43.3	42.4	42.0	4.92	5.21	5.26
Kalamazoo-Portage <sup>2</sup> .....	193.20	207.57	206.99	41.3	41.3	40.9	4.68	5.03	5.06
Lansing-East Lansing <sup>2</sup> .....	236.10	227.77	227.14	43.4	40.2	39.4	5.44	5.67	5.77
Muskegon-Muskegon Heights <sup>2</sup> .....	195.61	208.87	199.92	41.7	41.9	40.7	4.69	4.99	4.91
Saginaw <sup>1</sup> .....	258.63	262.92	262.49	44.0	41.7	41.5	5.88	6.31	6.33

See text notes at end of tables.

**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		
	July 1973	June 1974	July 1974 <sup>P</sup>	July 1973	June 1974	July 1974 <sup>P</sup>	July 1973	June 1974	July 1974 <sup>P</sup>
<b>MINNESOTA</b>	\$170.13	\$180.95	\$181.30	40.7	40.3	40.2	\$4.18	\$4.49	\$4.51
Duluth-Superior	167.69	180.09	184.84	40.8	41.4	42.2	4.11	4.35	4.38
Minneapolis-St. Paul	180.18	193.44	193.12	40.4	40.3	39.9	4.46	4.80	4.84
<b>MISSISSIPPI</b>	117.16	128.15	126.56	40.4	40.3	39.8	2.90	3.18	3.18
Jackson	114.62	131.22	129.12	39.8	40.5	40.1	2.88	3.24	3.22
<b>MISSOURI</b>	163.59	173.57	169.74	39.9	39.9	39.2	4.10	4.35	4.33
Kansas City	182.96	190.72	191.84	40.3	39.9	39.8	4.54	4.78	4.82
St. Joseph	150.07	166.82	160.80	39.7	41.6	40.3	3.78	4.01	3.99
St. Louis	188.26	204.27	202.28	40.4	41.1	40.7	4.66	4.97	4.97
Springfield	134.82	146.29	148.60	38.3	38.7	38.3	3.52	3.78	3.88
<b>MONTANA</b>	181.10	185.55	186.44	39.2	38.1	38.6	4.62	4.87	4.83
<b>NEBRASKA</b>	151.41	169.18	168.28	40.9	42.0	41.2	3.70	4.03	4.08
Lincoln	147.54	161.85	160.62	39.8	40.6	39.5	3.71	3.99	4.07
Omaha	163.96	179.15	180.44	40.4	40.9	40.6	4.06	4.38	4.44
<b>NEVADA</b>	169.03	187.85	185.57	37.9	39.3	38.5	4.46	4.78	4.82
Las Vegas	164.22	217.20	(*)	34.5	40.0	(*)	4.76	5.43	(*)
<b>NEW HAMPSHIRE</b>	132.60	142.30	142.05	39.0	39.2	38.6	3.40	3.63	3.68
Manchester	119.68	129.00	128.28	37.4	37.5	37.4	3.20	3.44	3.43
<b>NEW JERSEY</b>	170.91	186.59	185.49	40.5	41.1	40.5	4.22	4.54	4.58
Atlantic City	138.40	134.82	149.38	40.0	35.2	38.7	3.46	3.83	3.86
Camden	163.20	180.14	179.44	40.0	40.3	39.7	4.08	4.47	4.52
Hackensack	165.87	182.25	186.41	39.4	40.5	40.7	4.21	4.50	4.58
Jersey City	173.45	187.09	181.65	41.2	41.3	40.1	4.21	4.53	4.53
Newark	177.94	192.65	189.78	41.0	41.7	40.9	4.34	4.62	4.64
New Brunswick-Perth Amboy-Sayreville	181.56	200.93	205.92	40.8	41.6	41.6	4.45	4.83	4.95
Paterson-Clifton-Passaic	161.16	179.45	178.00	39.5	40.6	40.0	4.08	4.42	4.45
Trenton	167.96	192.53	184.46	39.8	42.5	40.9	4.22	4.53	4.51
<b>NEW MEXICO</b>	120.69	129.09	128.87	39.7	39.0	38.7	3.04	3.31	3.33
Albuquerque	128.70	132.14	132.14	39.6	38.3	38.3	3.25	3.45	3.45
<b>NEW YORK</b>	167.51	178.60	178.36	39.6	39.6	39.2	4.23	4.51	4.55
Albany-Schenectady-Troy	178.16	189.14	189.88	40.4	40.5	40.4	4.41	4.67	4.70
Binghamton	159.12	170.16	170.57	40.8	41.2	41.3	3.90	4.13	4.13
Buffalo	210.92	223.30	224.26	42.1	41.2	41.3	5.01	5.42	5.43
Elmira	156.42	175.82	175.82	39.5	40.7	40.7	3.96	4.32	4.32
Monroe County <sup>5</sup>	207.62	218.59	218.41	42.2	41.4	40.9	4.92	5.28	5.34
Nassau-Suffolk <sup>6</sup>	160.74	172.00	171.35	39.3	40.0	39.3	4.09	4.30	4.36
New York-Northeastern New Jersey	162.66	176.31	(*)	39.1	39.8	(*)	4.16	4.43	(*)
New York and Nassau-Suffolk <sup>4</sup>	154.63	165.02	163.50	37.9	38.2	37.5	4.08	4.32	4.36
New York SMSA <sup>6</sup>	153.41	163.73	161.76	37.6	37.9	37.1	4.08	4.32	4.36
New York City <sup>7</sup>	152.25	162.43	160.82	37.5	37.6	36.8	4.06	4.32	4.37
Poughkeepsie	188.32	188.96	192.28	42.8	40.9	41.8	4.40	4.62	4.60
Rochester	198.61	208.28	207.87	41.9	41.0	40.6	4.74	5.08	5.12
Rockland County <sup>7</sup>	163.22	174.71	171.81	40.4	41.4	41.3	4.04	4.22	4.16
Syracuse	183.90	202.92	199.55	41.7	42.1	41.4	4.41	4.82	4.82
Utica-Rome	150.13	162.41	165.20	39.3	40.3	40.0	3.82	4.03	4.13
Westchester County <sup>7</sup>	159.42	175.12	165.85	37.6	39.8	39.3	4.24	4.40	4.22
<b>NORTH CAROLINA</b>	118.89	131.67	131.54	40.3	39.9	39.5	2.95	3.30	3.33
Asheville	114.84	129.12	128.63	39.6	40.1	39.7	2.90	3.22	3.24
Charlotte-Gastonia	119.77	136.53	134.60	40.6	41.0	40.3	2.95	3.33	3.34
Greensboro-Winston-Salem-High Point	128.88	141.37	144.11	39.9	39.6	39.7	3.23	3.57	3.63
Raleigh-Durham	132.14	145.76	142.82	39.8	39.5	38.6	3.32	3.69	3.70
<b>NORTH DAKOTA</b>	144.72	152.59	154.35	40.2	40.4	40.3	3.60	3.78	3.83
Fargo-Moorhead	155.62	166.84	178.51	39.7	40.3	42.2	3.92	4.14	4.23

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		
	July 1973	June 1974	July 1974 <sup>p</sup>	July 1973	June 1974	July 1974 <sup>p</sup>	July 1973	June 1974	July 1974 <sup>p</sup>
<b>OHIO</b>	\$202.25	\$213.09	\$211.87	42.4	41.7	41.3	\$4.77	\$5.11	\$5.13
Akron	222.48	228.86	228.98	43.2	43.1	42.8	5.15	5.31	5.35
Canton	196.41	217.98	213.96	41.2	41.6	40.6	4.76	5.24	5.27
Cincinnati	187.35	203.83	199.55	42.1	42.2	41.4	4.45	4.83	4.82
Cleveland	212.28	223.75	218.72	43.5	42.7	41.9	4.88	5.24	5.22
Columbus	180.14	191.75	191.35	40.3	40.2	39.7	4.47	4.77	4.82
Dayton	217.66	222.38	221.49	43.1	41.8	41.4	5.05	5.32	5.35
Toledo	213.03	230.74	228.80	42.1	41.8	41.3	5.06	5.52	5.54
Youngstown-Warren	232.39	237.86	231.66	43.6	40.8	39.6	5.33	5.83	5.85
<b>OKLAHOMA</b>	145.96	159.95	160.78	40.1	40.7	40.5	3.64	3.93	3.97
Okahoma City	149.11	159.20	159.20	40.3	40.0	39.7	3.70	3.98	4.01
Tulsa	154.83	173.69	173.93	39.7	40.3	39.8	3.90	4.31	4.37
<b>OREGON</b>	179.88	203.41	196.46	38.6	40.2	38.0	4.66	5.06	5.17
Eugene-Springfield	187.68	220.28	199.30	39.1	42.2	38.4	4.80	5.22	5.19
Portland	176.28	191.28	188.88	39.0	38.8	37.7	4.52	4.93	5.01
<b>PENNSYLVANIA</b>	166.42	180.58	180.97	40.1	39.6	39.6	4.15	4.56	4.57
Allentown-Bethlehem-Easton	165.95	177.17	175.80	39.7	38.6	38.3	4.18	4.59	4.59
Altoona	134.02	146.65	142.37	38.4	38.9	38.9	3.49	3.77	3.66
Delaware Valley <sup>8</sup>	172.83	184.52	184.00	40.1	40.2	40.0	4.31	4.59	4.60
Erie	175.14	193.08	194.65	41.8	42.5	42.5	4.19	4.59	4.58
Harrisburg	154.54	171.28	170.85	41.1	40.3	40.2	3.76	4.25	4.25
Johnstown	167.37	196.98	194.69	38.3	38.7	38.1	4.37	5.09	5.11
Lancaster	147.38	160.27	158.24	39.3	38.9	38.5	3.75	4.12	4.11
Northeast Pennsylvania	129.07	133.96	131.76	38.3	36.5	36.6	3.37	3.67	3.60
Philadelphia SMSA	171.63	183.71	183.60	40.1	40.2	40.0	4.28	4.57	4.59
Pittsburgh	197.06	225.60	225.47	41.4	41.7	41.6	4.76	5.41	5.42
Reading	149.71	164.16	158.62	39.5	38.9	38.5	3.79	4.22	4.12
Scranton	126.97	127.02	128.16	37.9	34.8	36.1	3.35	3.65	3.55
Wilkes-Barre-Hazleton <sup>10</sup>	126.21	135.40	132.10	37.9	37.3	36.9	3.33	3.63	3.58
Williamsport	133.18	160.77	159.54	37.2	39.5	39.2	3.58	4.07	4.07
York	153.04	165.15	160.74	41.7	41.6	40.9	3.67	3.97	3.93
<b>RHODE ISLAND</b>	132.88	142.66	143.11	39.2	39.3	39.1	3.39	3.63	3.66
Providence-Warwick-Pawtucket	132.38	142.99	143.78	39.4	39.5	39.5	3.36	3.62	3.64
<b>SOUTH CAROLINA</b>	122.29	137.09	137.70	40.9	40.8	40.5	2.99	3.36	3.40
Charleston	137.16	151.66	151.37	40.7	41.1	40.8	3.37	3.69	3.71
Columbia	124.24	136.68	136.86	40.6	40.2	39.9	3.06	3.40	3.43
Greenville-Spartanburg	125.70	138.72	141.04	41.9	40.8	41.0	3.00	3.40	3.44
<b>SOUTH DAKOTA</b>	140.50	156.16	157.99	43.5	42.9	42.7	3.23	3.64	3.70
Sioux Falls	178.39	197.16	202.06	46.7	46.5	47.1	3.82	4.24	4.29
<b>TENNESSEE</b>	132.51	146.88	144.84	40.4	40.8	39.9	3.28	3.60	3.63
Chattanooga	147.98	157.00	154.33	42.4	41.1	40.4	3.49	3.82	3.82
Knoxville	157.14	173.03	173.03	40.5	42.1	41.1	3.88	4.11	4.21
Memphis	159.90	173.05	174.26	41.0	41.3	41.1	3.90	4.19	4.24
Nashville-Davidson	131.48	146.65	141.38	38.9	38.9	37.7	3.38	3.77	3.75
<b>TEXAS</b>	152.97	167.28	167.68	40.9	41.1	40.7	3.74	4.07	4.12
Amarillo	131.61	144.70	143.92	41.0	41.7	40.2	3.21	3.47	3.58
Austin	131.70	134.60	137.35	40.4	40.3	41.0	3.26	3.34	3.35
Beaumont-Port Arthur-Orange	199.08	217.06	223.62	40.3	40.8	41.3	4.94	5.32	5.40
Corpus Christi	171.80	181.44	181.77	41.7	42.0	41.5	4.12	4.32	4.38
Dallas	139.09	151.96	149.76	40.2	40.2	39.0	3.46	3.78	3.84
El Paso	107.26	117.12	116.32	41.9	39.7	39.7	2.56	2.95	2.93
Fort Worth	152.33	167.20	159.98	40.3	40.0	39.5	3.78	4.18	4.05
Galveston-Texas City	230.03	254.32	274.56	41.9	44.0	46.3	5.49	5.78	5.93
Houston	187.04	204.73	207.69	42.8	43.1	43.0	4.37	4.75	4.83
Lubbock	124.53	124.82	129.92	41.1	39.5	40.1	3.03	3.16	3.24
San Antonio	120.56	130.97	134.23	42.3	40.8	41.3	2.85	3.21	3.25
Waco	128.84	148.83	143.51	39.4	41.0	40.2	3.27	3.63	3.57
Wichita Falls	111.74	126.63	137.36	38.8	40.2	39.7	2.88	3.15	3.46
<b>UTAH</b> <sup>1</sup>	148.52	155.23	154.06	39.5	39.7	39.2	3.76	3.91	3.93
Salt Lake City-Ogden	153.47	153.65	154.01	40.6	39.6	39.9	3.78	3.88	3.86

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		
	July 1973	June 1974	July 1974 <sup>P</sup>	July 1973	June 1974	July 1974 <sup>P</sup>	July 1973	June 1974	July 1974 <sup>P</sup>
<b>VERMONT</b>	\$145.14	\$156.94	\$156.94	41.0	41.3	41.3	\$3.54	\$3.80	\$3.80
Burlington	164.01	172.63	175.98	42.6	41.3	42.0	3.85	4.18	4.19
Springfield	170.80	179.76	181.47	42.7	42.0	42.4	4.00	4.28	4.28
<b>VIRGINIA</b>	135.60	144.08	146.49	40.6	39.8	39.7	3.34	3.62	3.64
Lynchburg	139.86	147.68	146.32	42.0	41.6	41.1	3.33	3.55	3.56
Norfolk-Virginia Beach-Portsmouth	133.60	146.33	145.25	40.0	40.2	40.8	3.34	3.64	3.56
Northern Virginia <sup>11</sup>	174.58	175.24	190.94	40.6	40.1	40.8	4.30	4.37	4.68
Richmond	149.65	161.82	162.54	39.8	38.9	38.7	3.76	4.16	4.20
Roanoke	125.51	134.46	134.86	40.1	39.9	39.9	3.13	3.37	3.38
<b>WASHINGTON</b>	189.83	207.90	203.42	38.9	39.6	38.6	4.88	5.25	5.27
Seattle-Everett	194.74	209.21	209.75	39.5	39.4	39.5	4.93	5.31	5.31
Spokane	176.93	190.39	192.84	38.8	39.5	38.8	4.56	4.82	4.97
Tacoma	197.21	206.33	207.05	39.6	39.3	38.7	4.98	5.25	5.35
<b>WEST VIRGINIA</b>	163.88	179.60	181.83	39.3	40.0	39.7	4.17	4.49	4.58
Charleston	192.19	206.15	212.01	41.0	41.9	41.9	4.62	4.92	5.06
Huntington-Ashland	179.01	194.08	194.83	39.0	40.1	39.6	4.59	4.84	4.92
Wheeling	175.94	186.71	189.37	41.3	40.5	40.9	4.26	4.61	4.63
<b>WISCONSIN</b>	181.05	198.16	194.23	41.1	41.5	41.0	4.40	4.78	4.74
Appleton-Oshkosh	176.83	195.12	196.66	41.9	42.7	42.6	4.22	4.57	4.62
Green Bay	178.55	204.51	202.29	41.7	42.8	42.5	4.28	4.77	4.76
Kenosha	215.68	245.69	245.95	41.3	42.0	42.1	5.23	5.84	5.84
La Crosse	148.09	167.05	162.44	40.4	42.1	41.0	3.66	3.97	3.96
Madison	184.01	207.32	206.96	39.5	40.5	40.5	4.65	5.12	5.11
Milwaukee	197.16	217.35	212.67	40.9	41.5	40.5	4.82	5.23	5.26
Racine	190.32	207.82	191.06	41.1	41.0	39.9	4.64	5.07	4.78
<b>WYOMING</b>	167.66	192.66	188.18	38.9	39.0	38.8	4.31	4.94	4.85
Casper	204.80	224.70	219.51	40.0	42.0	40.5	5.12	5.35	5.42
Cheyenne	168.78	214.76	211.18	34.8	33.4	31.9	4.85	6.43	6.62

<sup>1</sup> Revised series; not strictly comparable with previously published data.  
<sup>2</sup> Change in area definition. For details see Table B-7.  
<sup>3</sup> Subarea of Philadelphia, Pennsylvania Standard Metropolitan Statistical Area: Burlington, Camden, and Gloucester Counties, New Jersey.  
<sup>4</sup> Area included in the New York-Northeastern New Jersey Standard Consolidated Area.  
<sup>5</sup> Subarea of Rochester Standard Metropolitan Statistical Area.  
<sup>6</sup> Area included in New York and Nassau-Suffolk combined SMSA's.  
<sup>7</sup> Subarea of New York Standard Metropolitan Statistical Area.  
<sup>8</sup> Subarea of Philadelphia, Pennsylvania Standard Metropolitan Statistical Area: Bucks, Chester, Delaware, Montgomery, and Philadelphia Counties, Pennsylvania.  
<sup>9</sup> Subarea of Northeast Pennsylvania Standard Metropolitan Statistical Area: Lackawanna County.  
<sup>10</sup> Subarea of Northeast Pennsylvania Standard Metropolitan Statistical Area: Luzerne County.  
<sup>11</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>\*</sup> Not available.  
<sup>p</sup>-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	4.8	4.6	4.0	4.4	4.5	5.3	5.9	5.1 <sup>p</sup>	6.2	5.7	5.2	3.8	2.6
1974		4.2	3.6	4.0	4.4	5.1	5.4	5.0 <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	3.9	3.5	3.1	3.5	3.6	4.4	5.0	4.1 <sup>p</sup>	5.0	4.7	4.3	3.0	2.0
1974		3.2	2.7	3.0	3.3	3.9	4.3	3.9 <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	4.6	4.2	3.7	4.2	4.1	4.3	4.4	5.1 <sup>p</sup>	6.5	5.7	4.9	4.1	3.9
1974		4.9	4.0	4.3	4.2	4.4	4.2	5.1 <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	2.7	2.2	2.1	2.5	2.4	2.7	2.8	2.8 <sup>p</sup>	4.5	3.9	3.0	2.2	1.6
1974		2.2	1.9	2.3	2.4	2.6	2.5	2.7 <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	.9	1.0	.8	.8	.7	.6	.6	1.4 <sup>p</sup>	.8	.7	.8	1.0	1.5
1974		1.7	1.2	1.1	.9	.8	.7	1.4 <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	
		June 1974	July 1974 <sup>P</sup>	June 1974	July 1974 <sup>P</sup>	June 1974	July 1974 <sup>P</sup>	June 1974	July 1974 <sup>P</sup>	June 1974	July 1974 <sup>P</sup>
-	<b>MANUFACTURING</b> .....	5.4	5.0	4.3	3.9	4.2	5.1	2.5	2.7	0.7	1.4
19,24,25,32-39	<b>DURABLE GOODS</b> .....	5.0	4.5	4.0	3.5	3.8	5.0	2.2	2.4	.6	1.5
20-23,26-31	<b>NONDURABLE GOODS</b> .....	5.9	5.7	4.7	4.3	4.7	5.4	2.9	3.0	.9	1.4
	<i>Durable Goods</i>										
19	<b>ORDNANCE AND ACCESSORIES</b> .....	2.5	-	1.9	-	2.2	-	.9	-	.8	-
192	Ammunition, except for small arms .....	2.4	-	1.7	-	2.3	-	.9	-	1.0	-
24	<b>LUMBER AND WOOD PRODUCTS</b> .....	7.9	6.4	7.0	5.6	5.8	7.2	4.0	4.6	.7	1.4
242	Sawmills and planing mills .....	7.0	-	6.1	-	5.3	-	3.8	-	.6	-
2421	Sawmills and planing mills, general .....	7.0	-	6.1	-	5.0	-	3.5	-	.5	-
243	Millwork, plywood & related products .....	6.9	-	6.3	-	5.8	-	3.9	-	.8	-
2431	Millwork .....	6.1	-	5.4	-	5.5	-	3.6	-	.8	-
2432	Veneer and plywood .....	6.2	-	5.6	-	5.6	-	3.7	-	1.0	-
244	Wooden containers .....	8.9	-	8.2	-	8.3	-	6.3	-	1.1	-
2441,2	Wooden boxes, shooks, and crates .....	9.2	-	8.4	-	7.7	-	6.4	-	.5	-
249	Miscellaneous wood products .....	8.0	-	7.3	-	7.0	-	4.7	-	1.0	-
25	<b>FURNITURE AND FIXTURES</b> .....	6.4	7.4	5.7	6.6	5.7	7.4	3.8	4.8	.7	1.2
251	Household furniture .....	6.4	-	5.8	-	6.2	-	4.2	-	.8	-
2511	Wood household furniture .....	7.8	-	6.9	-	6.4	-	4.6	-	.6	-
2512	Upholstered household furniture .....	4.4	-	4.1	-	4.8	-	3.6	-	.2	-
2515	Mattresses and bedsprings .....	4.7	-	4.2	-	5.1	-	3.3	-	.6	-
252	Office furniture .....	5.3	-	5.1	-	3.4	-	2.2	-	.3	-
32	<b>STONE, CLAY, AND GLASS PRODUCTS</b> .....	5.7	4.7	4.8	4.0	4.4	4.7	2.6	2.9	.8	.6
321	Flat glass .....	5.3	-	2.7	-	5.1	-	.6	-	3.5	-
322	Glass and glassware, pressed or blown .....	5.1	-	3.9	-	3.9	-	1.9	-	.8	-
3221	Glass containers .....	6.0	-	4.7	-	3.6	-	2.1	-	.4	-
3229	Pressed and blown glass, n e c .....	4.0	-	2.9	-	4.3	-	1.7	-	1.3	-
324	Cement, hydraulic .....	3.2	-	2.8	-	.9	-	.5	-	(1)	-
325	Structural clay products .....	7.5	-	7.1	-	6.8	-	4.9	-	.8	-
3251	Brick and structural clay tile .....	9.8	-	9.2	-	8.7	-	6.4	-	1.2	-
326	Pottery and related products .....	4.8	-	4.0	-	4.3	-	2.4	-	.2	-
3291	Abrasive products .....	5.0	-	4.3	-	2.5	-	1.6	-	(1)	-
33	<b>PRIMARY METAL INDUSTRIES</b> .....	4.2	3.3	3.3	2.4	2.8	3.2	1.4	1.5	.3	.6
331	Blast furnace and basic steel products .....	3.4	-	2.4	-	1.5	-	.6	-	.2	-
3312	Blast furnaces and steel mills .....	3.2	-	2.2	-	1.4	-	.5	-	.2	-
332	Iron and steel foundries .....	5.5	-	4.5	-	4.8	-	2.7	-	.3	-
3321	Gray iron foundries .....	5.6	-	4.5	-	5.3	-	2.8	-	.4	-
3322	Malleable iron foundries .....	5.2	-	3.9	-	4.0	-	2.8	-	.1	-
3323	Steel foundries .....	5.5	-	4.9	-	3.9	-	2.6	-	.1	-
333,4	Nonferrous metals .....	4.7	-	4.3	-	2.7	-	1.3	-	.1	-
335	Nonferrous rolling and drawing .....	3.6	-	2.4	-	2.6	-	1.2	-	.3	-
3351	Copper rolling and drawing .....	2.9	-	2.5	-	3.1	-	1.0	-	.6	-
3352	Aluminum rolling and drawing .....	2.7	-	2.2	-	2.0	-	.9	-	.2	-
3357	Nonferrous wire drawing, and insulating .....	4.7	-	2.4	-	3.0	-	1.4	-	.3	-
336	Nonferrous foundries .....	7.1	-	6.2	-	5.3	-	3.2	-	.7	-
3361	Aluminum castings .....	7.6	-	6.4	-	5.2	-	3.6	-	.3	-
3362,9	Other nonferrous castings .....	6.4	-	5.9	-	5.4	-	2.8	-	1.1	-
339	Miscellaneous primary metal products .....	4.6	-	4.1	-	3.2	-	1.9	-	.2	-
3391	Iron and steel forgings .....	4.4	-	3.9	-	2.8	-	1.6	-	.1	-

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	
		June 1974	July 1974 <sup>P</sup>	June 1974	July 1974 <sup>P</sup>	June 1974	July 1974 <sup>P</sup>	June 1974	July 1974 <sup>P</sup>	June 1974	July 1974 <sup>P</sup>
<i>Durable Goods--Continued</i>											
34	<b>FABRICATED METAL PRODUCTS</b>	5.8	-	4.7	-	4.6	-	2.6	-	0.9	-
341	Metal cans	5.5	-	3.3	-	3.3	-	1.0	-	1.1	-
342	Cutlery, hand tools, and hardware	5.9	-	4.4	-	3.8	-	2.5	-	.5	-
3421-3.5	Cutlery and hand tools, incl. saws	5.1	-	4.7	-	3.4	-	2.4	-	.2	-
3429	Hardware, n.e.c.	6.5	-	4.1	-	4.2	-	2.5	-	.8	-
343	Plumbing and heating, except electric	4.0	-	3.1	-	4.9	-	2.2	-	1.8	-
3431.2	Sanitary ware & plumbers' brass goods	3.1	-	2.5	-	3.9	-	2.1	-	.9	-
3433	Heating equipment, except electric	4.8	-	3.6	-	5.8	-	2.3	-	2.7	-
344	Fabricated structural metal products	6.4	-	5.7	-	4.7	-	3.0	-	.6	-
3441	Fabricated structural steel	6.0	-	5.0	-	4.5	-	2.8	-	.6	-
3443	Fabricated plate work (boiler shops)	4.7	-	4.3	-	3.2	-	2.0	-	.3	-
3446.9	Architectural and misc. metal work	7.7	-	7.1	-	5.1	-	3.6	-	.3	-
345	Screw machine products, bolts, etc.	5.0	-	4.4	-	4.0	-	2.6	-	.4	-
3452	Bolts, nuts, rivets, and washers	4.0	-	3.6	-	3.2	-	1.8	-	.4	-
346	Metal stampings	4.9	-	2.8	-	4.5	-	1.7	-	1.9	-
348	Misc. fabricated wire products	6.1	-	5.4	-	5.0	-	3.6	-	.5	-
349	Misc. fabricated metal products	5.2	-	4.5	-	4.1	-	2.6	-	.5	-
3494.8	Valves, pipe, and pipe fittings	4.7	-	4.2	-	3.9	-	2.4	-	.5	-
35	<b>MACHINERY, EXCEPT ELECTRICAL</b>	4.2	3.6	3.6	3.0	3.1	3.2	1.7	1.8	.5	0.5
351	Engines and turbines	3.6	-	2.5	-	2.1	-	.9	-	(1)	-
3511	Steam engines and turbines	2.5	-	1.3	-	1.6	-	.6	-	(1)	-
3519	Internal combustion engines, n.e.c.	4.3	-	3.2	-	2.4	-	1.1	-	(1)	-
352	Farm machinery	5.6	-	4.7	-	4.2	-	2.2	-	.6	-
353	Construction and related machinery	4.2	-	3.9	-	2.8	-	1.6	-	.3	-
3531.2	Construction and mining machinery	3.9	-	3.6	-	2.3	-	1.2	-	.3	-
3533	Oil field machinery	5.4	-	5.1	-	3.4	-	2.3	-	(1)	-
3535.6	Conveyors, hoists, cranes, monorails	4.4	-	4.0	-	3.2	-	1.9	-	.4	-
354	Metal working machinery	3.6	-	3.2	-	3.4	-	1.6	-	.9	-
3541	Machine tools, metal cutting types	3.2	-	3.1	-	2.0	-	1.4	-	.1	-
3545	Machine tool accessories	3.8	-	3.4	-	2.5	-	1.7	-	.1	-
3542.8	Misc. metal working machinery	4.0	-	3.7	-	2.9	-	1.6	-	.5	-
355	Special industry machinery	3.7	-	3.3	-	2.7	-	1.6	-	.3	-
3551	Food products machinery	3.9	-	3.5	-	2.7	-	1.7	-	.3	-
3552	Textile machinery	4.2	-	3.6	-	3.6	-	2.3	-	.3	-
356	General industrial machinery	4.3	-	3.8	-	2.5	-	1.6	-	.2	-
3561	Pumps and compressors	4.2	-	3.8	-	2.6	-	1.6	-	.2	-
3562	Ball and roller bearings	4.2	-	3.4	-	1.9	-	1.1	-	.1	-
3566	Power transmission equipment	4.0	-	3.6	-	2.5	-	1.4	-	.2	-
357	Office and computing machines	3.6	-	2.9	-	2.4	-	1.2	-	.2	-
3573	Electronic computing equipment	3.7	-	3.1	-	2.4	-	1.2	-	.3	-
358	Service industry machines	4.5	-	3.5	-	3.8	-	1.9	-	.8	-
3585	Refrigeration machinery	4.4	-	3.3	-	4.0	-	1.9	-	1.0	-
36	<b>ELECTRICAL EQUIPMENT AND SUPPLIES</b>	4.4	-	3.3	-	3.5	-	2.0	-	.6	-
361	Electric test & distributing equipment	3.8	-	3.1	-	2.7	-	1.6	-	.2	-
3611	Electric measuring instruments	4.8	-	3.8	-	2.8	-	1.7	-	.3	-
3612	Transformers	3.9	-	3.3	-	3.4	-	2.0	-	.4	-
3613	Switchgear and switchboard apparatus	2.7	-	2.2	-	2.0	-	1.3	-	(1)	-
362	Electrical industrial apparatus	4.1	-	3.4	-	2.8	-	1.8	-	(1)	-
3621	Motors and generators	4.0	-	3.2	-	3.2	-	1.9	-	(1)	-
3622	Industrial controls	4.0	-	3.6	-	2.3	-	1.4	-	.2	-
363	Household appliances	5.9	-	4.4	-	4.0	-	2.3	-	.5	-
3632	Household refrigerators and freezers	7.3	-	5.4	-	3.9	-	2.0	-	.1	-
3633	Household laundry equipment	3.5	-	2.7	-	2.2	-	1.3	-	.1	-
3634	Electric housewares and fans	6.6	-	5.6	-	5.2	-	3.8	-	.5	-
364	Electric lighting and wiring equipment	4.4	-	3.5	-	4.0	-	2.1	-	.7	-
3641	Electric lamps	2.5	-	1.4	-	4.0	-	1.2	-	1.6	-
3642	Lighting fixtures	5.4	-	3.8	-	4.2	-	2.2	-	.9	-
3643.4	Wiring devices	4.5	-	4.0	-	3.9	-	2.4	-	.3	-
365	Radio and TV receiving equipment	6.7	-	3.4	-	5.1	-	2.6	-	.6	-
366	Communication equipment	2.7	-	2.0	-	2.3	-	1.1	-	.6	-
3661	Telephone and telegraph apparatus	1.7	-	.9	-	2.3	-	.9	-	.9	-
3662	Radio and TV communication equipment	3.2	-	2.6	-	2.3	-	1.2	-	.4	-
367	Electronic components and accessories	5.3	-	4.3	-	4.9	-	2.9	-	.9	-
3671-3	Electron tubes	3.6	-	1.8	-	4.7	-	1.5	-	1.5	-
3674.9	Other electronic components	5.6	-	4.6	-	4.9	-	3.0	-	.8	-
369	Misc. electrical equipment & supplies	4.2	-	2.8	-	3.1	-	1.6	-	.4	-
3694	Engine electrical equipment	4.3	-	2.2	-	2.8	-	1.3	-	.5	-

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	
		June 1974	July 1974 <sup>P</sup>	June 1974	July 1974 <sup>P</sup>	June 1974	July 1974 <sup>P</sup>	June 1974	July 1974 <sup>P</sup>	June 1974	July 1974 <sup>P</sup>
<i>Durable Goods--Continued</i>											
37	<b>TRANSPORTATION EQUIPMENT</b>	4.8	-	3.1	-	3.7	-	1.8	-	0.9	-
371	Motor vehicles and equipment	4.0	-	2.0	-	3.0	-	1.2	-	.8	-
3711	Motor vehicles	3.7	-	1.6	-	3.2	-	1.2	-	1.2	-
3712	Passenger car bodies	2.1	-	.5	-	1.7	-	.5	-	.8	-
3713	Truck and bus bodies	5.8	-	4.8	-	3.8	-	2.4	-	.5	-
3714	Motor vehicle parts and accessories	4.2	-	2.0	-	2.5	-	1.0	-	.5	-
372	Aircraft and parts	2.9	-	2.0	-	1.9	-	1.0	-	.3	-
3721	Aircraft	2.6	-	1.7	-	1.8	-	.8	-	.4	-
3722	Aircraft engines and engine parts	2.4	-	1.8	-	1.6	-	.8	-	.1	-
3723,9	Other aircraft parts and equipment	4.1	-	3.4	-	2.7	-	1.9	-	.2	-
373	Ship and boat building and repairing	8.7	-	6.3	-	7.5	-	3.6	-	2.2	-
3731	Ship building and repairing	8.4	-	5.4	-	7.5	-	3.0	-	2.7	-
374	Railroad equipment	5.9	-	3.5	-	2.9	-	1.0	-	1.0	-
375,9	Other transportation equipment	10.7	-	9.3	-	9.0	-	5.8	-	1.6	-
38	<b>INSTRUMENTS AND RELATED PRODUCTS</b>	4.8	4.1	4.2	3.3	3.0	4.1	1.9	2.3	.2	0.6
381	Engineering & scientific instruments	4.3	-	3.9	-	2.8	-	1.9	-	.1	-
382	Mechanical measuring & control devices	5.0	-	3.8	-	3.2	-	1.9	-	.2	-
3821	Mechanical measuring devices	4.8	-	4.3	-	2.6	-	1.8	-	.1	-
3822	Automatic temperature controls	5.3	-	3.0	-	4.2	-	2.0	-	.6	-
383,5	Optical and ophthalmic goods	4.4	-	3.9	-	3.3	-	2.1	-	.5	-
384	Medical instruments and supplies	4.1	-	4.0	-	2.3	-	1.7	-	( <sup>1</sup> )	-
386	Photographic equipment and supplies	4.6	-	4.1	-	1.6	-	.8	-	.1	-
387	Watches, clocks, and watchcases	5.2	-	4.3	-	5.1	-	3.2	-	.5	-
39	<b>MISCELLANEOUS MANUFACTURING INDUSTRIES</b>	6.4	6.9	5.6	5.3	4.9	7.4	3.0	3.4	.8	2.5
391	Jewelry, silverware, and plated ware	4.7	-	4.1	-	3.7	-	2.4	-	.7	-
394	Toys and sporting goods	9.1	-	7.8	-	6.7	-	4.1	-	1.0	-
3941-3	Games, toys, dolls, & play vehicles	11.2	-	9.5	-	6.9	-	4.3	-	.8	-
3949	Sporting and athletic goods, n e c	6.7	-	5.9	-	6.5	-	3.9	-	1.3	-
395	Pens, pencils, office and art supplies	4.6	-	4.0	-	3.4	-	2.0	-	.5	-
396	Costume jewelry and notions	6.3	-	5.5	-	5.5	-	3.3	-	1.4	-
393,9	Other manufacturing industries	5.3	-	4.6	-	3.9	-	2.4	-	.6	-
<i>Nondurable Goods</i>											
20	<b>FOOD AND KINDRED PRODUCTS</b>	8.4	8.9	6.4	6.6	5.9	6.6	3.3	3.7	1.7	2.0
201	Meat products	8.8	-	7.2	-	7.3	-	5.0	-	1.3	-
2011	Meat packing plants	6.0	-	4.5	-	4.7	-	2.4	-	1.3	-
2015	Poultry dressing plants	15.5	-	13.2	-	13.3	-	10.8	-	1.2	-
204	Grain mill products	5.1	-	4.3	-	3.9	-	2.0	-	1.2	-
2041	Flour and other grain mill products	4.0	-	3.3	-	2.5	-	1.3	-	.5	-
2042	Prepared feeds for animals and fowls	5.8	-	5.1	-	4.9	-	2.9	-	1.2	-
205	Bakery products	5.1	-	4.3	-	3.8	-	2.6	-	.4	-
2051	Bread, cake, and related products	4.8	-	4.4	-	3.7	-	2.6	-	.4	-
2052	Cookies and crackers	6.6	-	4.1	-	4.1	-	2.4	-	.9	-
207	Confectionery and related products	5.6	-	3.3	-	4.5	-	2.2	-	1.5	-
2071	Confectionery products	6.4	-	3.6	-	5.0	-	2.3	-	1.8	-
208	Beverages	7.8	-	6.3	-	5.4	-	3.2	-	1.3	-
2082	Malt liquors	6.2	-	3.3	-	3.5	-	.5	-	2.4	-
21	<b>TOBACCO MANUFACTURES</b>	3.7	10.9	2.0	3.2	2.9	3.5	1.2	1.4	.8	.6
211	Cigarettes	2.0	-	1.0	-	1.5	-	.4	-	( <sup>1</sup> )	-
212	Cigars	5.3	-	4.6	-	5.1	-	4.2	-	.4	-

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	
		June 1974	July 1974 <sup>P</sup>	June 1974	July 1974 <sup>P</sup>	June 1974	July 1974 <sup>P</sup>	June 1974	July 1974 <sup>P</sup>	June 1974	July 1974 <sup>P</sup>
<i>Nondurable Goods--Continued</i>											
22	<b>TEXTILE MILL PRODUCTS</b> .....	6.3	6.1	5.2	5.0	5.8	6.9	4.1	4.4	0.5	1.2
221	Weaving mills cotton.....	6.2	-	5.4	-	5.4	-	3.9	-	.7	-
222	Weaving mills synthetics.....	3.9	-	3.1	-	3.8	-	2.8	-	.4	-
223	Weaving and finishing mills, wool.....	7.2	-	5.6	-	6.5	-	4.9	-	.1	-
224	Narrow fabric mills.....	6.9	-	6.0	-	6.7	-	5.1	-	.5	-
225	Knitting mills.....	4.9	-	3.6	-	5.8	-	3.2	-	1.4	-
2251	Women's hosiery, except socks.....	5.2	-	4.3	-	6.0	-	3.7	-	1.3	-
2252	Hosiery, n e c.....	6.3	-	5.9	-	5.8	-	4.7	-	.4	-
2254	Knit underwear mills.....	6.5	-	5.4	-	5.0	-	4.1	-	.4	-
226	Textile finishing except wool.....	4.6	-	3.6	-	4.4	-	2.9	-	.5	-
227	Floor covering mills.....	5.2	-	4.4	-	4.0	-	2.5	-	.6	-
228	Yarn and thread mills.....	6.8	-	5.6	-	6.7	-	5.0	-	.6	-
229	Miscellaneous textile goods.....	6.3	-	5.3	-	4.9	-	3.0	-	.4	-
23	<b>APPAREL AND OTHER TEXTILE PRODUCTS</b> .....	6.1	6.5	4.5	4.6	6.0	8.1	3.5	4.0	1.5	3.1
231	Men's and boys' suits and coats.....	3.5	-	2.1	-	4.2	-	1.9	-	1.7	-
232	Men's and boys' furnishings.....	6.2	-	5.1	-	6.0	-	4.5	-	.6	-
2321	Men's and boys' shirts and nightwear.....	6.6	-	5.5	-	6.0	-	4.9	-	.3	-
2327	Men's and boys' separate trousers.....	4.5	-	3.6	-	5.5	-	4.1	-	.7	-
2328	Men's and boys' work clothing.....	6.0	-	4.8	-	6.2	-	5.0	-	.3	-
234	Women's and children's undergarments.....	6.0	-	4.9	-	5.0	-	3.4	-	.8	-
2341	Women's and children's underwear.....	6.9	-	5.8	-	5.6	-	3.8	-	.8	-
2342	Corsets and allied garments.....	3.3	-	2.5	-	3.2	-	2.0	-	.8	-
26	<b>PAPER AND ALLIED PRODUCTS</b> .....	4.5	3.6	3.9	3.1	3.0	3.6	1.9	1.9	.4	.8
261,2,6	Paper and pulp mills.....	3.8	-	3.3	-	1.6	-	.9	-	.2	-
263	Paperboard mills.....	3.9	-	3.4	-	2.1	-	1.3	-	.1	-
264	Misc. converted paper products.....	5.0	-	4.5	-	3.6	-	2.3	-	.4	-
2643	Bags, except textile bags.....	5.1	-	4.6	-	4.4	-	2.9	-	.5	-
265	Paperboard containers and boxes.....	4.9	-	4.2	-	4.0	-	2.5	-	.6	-
2651,2	Folding and setup paperboard boxes.....	5.4	-	4.7	-	4.7	-	2.9	-	.7	-
2653	Corrugated and solid fiber boxes.....	4.4	-	3.9	-	3.6	-	2.4	-	.4	-
27	<b>PRINTING AND PUBLISHING</b> .....	4.0	3.3	3.5	2.8	3.4	3.1	2.3	1.9	.5	.6
28	<b>CHEMICALS AND ALLIED PRODUCTS</b> .....	3.6	2.6	3.0	2.1	2.3	2.1	1.2	1.1	.4	.4
281	Industrial chemicals.....	3.1	-	2.6	-	1.6	-	.7	-	.2	-
282	Plastics materials and synthetics.....	3.6	-	3.0	-	2.4	-	1.3	-	.3	-
2821	Plastics materials and resins.....	4.0	-	3.5	-	1.9	-	1.1	-	(1)	-
2823,4	Synthetic fibers.....	3.7	-	2.9	-	2.9	-	1.4	-	.6	-
283	Drugs.....	3.3	-	2.9	-	1.7	-	1.0	-	.2	-
2834	Pharmaceutical preparations.....	3.5	-	3.0	-	1.8	-	1.0	-	.2	-
284	Soap, cleaners, and toilet goods.....	4.3	-	3.2	-	2.9	-	1.4	-	.7	-
2841	Soap and other detergents.....	4.4	-	2.3	-	2.3	-	.7	-	1.0	-
2844	Toilet preparations.....	4.3	-	3.4	-	3.4	-	1.8	-	.5	-
285	Paints and allied products.....	4.5	-	4.0	-	2.3	-	1.4	-	.1	-
286,9	Other chemical products.....	3.6	-	3.0	-	2.8	-	1.4	-	.7	-
29	<b>PETROLEUM AND COAL PRODUCTS</b> .....	3.4	2.1	3.0	1.9	1.9	1.9	.9	.9	.4	.4
291	Petroleum refining.....	2.6	-	2.3	-	1.2	-	.4	-	.3	-
295,9	Other petroleum and coal products.....	6.4	-	5.5	-	4.6	-	2.8	-	.6	-
30	<b>RUBBER AND PLASTICS PRODUCTS, N E C.</b> .....	6.5	5.5	5.3	4.6	5.0	5.5	3.4	3.4	.5	.8
301	Tires and inner tubes.....	2.6	-	2.0	-	1.9	-	.8	-	.4	-
302,5,6	Other rubber products.....	6.8	-	5.1	-	4.7	-	3.1	-	.3	-
307	Miscellaneous plastics products.....	7.9	-	6.7	-	6.5	-	4.5	-	.7	-

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	
		June 1974	July 1974 <sup>p</sup>	June 1974	July 1974 <sup>p</sup>	June 1974	July 1974 <sup>p</sup>	June 1974	July 1974 <sup>p</sup>	June 1974	July 1974 <sup>p</sup>
	<i>Nondurable Goods--Continued</i>										
31	LEATHER AND LEATHER PRODUCTS .....	7.7	-	6.3	-	8.1	-	4.7	-	2.0	-
311	Leather tanning and finishing .....	7.6	-	6.8	-	6.0	-	3.7	-	1.1	-
314	Footwear, except rubber .....	7.5	-	6.1	-	8.7	-	5.0	-	2.4	-
	<b>NONMANUFACTURING</b>										
10	METAL MINING .....	5.3	2.2	4.7	1.9	3.2	2.0	2.1	1.4	.1	( <sup>1</sup> )
101	Iron ores .....	4.3	-	3.8	-	1.1	-	.6	-	( <sup>1</sup> )	-
102	Copper ores .....	5.0	-	4.2	-	3.4	-	2.3	-	( <sup>1</sup> )	-
11,12	COAL MINING .....	2.0	1.7	1.7	1.5	1.0	1.4	.6	.9	( <sup>1</sup> )	( <sup>1</sup> )
12	Bituminous coal and lignite mining .....	2.0	-	1.7	-	1.0	-	.5	-	-	-
	<b>COMMUNICATION:</b>										
481	Telephone communication .....	1.8	-	-	-	1.1	-	.7	-	.1	-
482	Telegraph communication <sup>2</sup> .....	2.5	-	-	-	2.7	-	1.6	-	.4	-

<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.
<b>Total accessions</b>												
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	5.0	4.8	4.2
1974.....	4.5	4.3	4.4	4.8	4.9	4.1	4.7 <sup>P</sup>					
<b>New hires</b>												
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	2.3	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	3.9	3.8	3.5
1974.....	3.6	3.4	3.4	3.6	3.9	3.1	3.7 <sup>P</sup>					
<b>Total separations</b>												
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	4.6	4.6	4.4
1974.....	5.1	4.8	4.8	4.5	4.8	4.5	4.5 <sup>P</sup>					
<b>Quits</b>												
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	2.8	2.8	2.5
1974.....	2.6	2.5	2.6	2.6	2.7	2.5	2.7 <sup>P</sup>					
<b>Layoffs</b>												
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.....	2.8	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	.8	.9	1.1
1974.....	1.5	1.3	1.2	1.0	1.0	.9	1.0 <sup>P</sup>					

p=preliminary.

**ESTABLISHMENT DATA  
STATE AND AREA LABOR TURNOVER**

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

(Per 100 employees)

State and area	Accession rates				Separation rates					
	Total		New hires		Total		Quits		Layoffs	
	May 1974	June 1974 <sup>P</sup>	May 1974	June 1974 <sup>P</sup>	May 1974	June 1974 <sup>P</sup>	May 1974	June 1974 <sup>P</sup>	May 1974	June 1974 <sup>P</sup>
<b>ALABAMA:</b>										
Birmingham	3.5	(*)	2.7	(*)	3.8	(*)	1.8	(*)	1.2	(*)
Mobile <sup>1</sup>	6.1	7.5	3.9	4.7	7.9	7.4	3.2	3.2	3.6	3.0
<b>ALASKA</b>	21.1	24.2	17.2	21.1	14.6	13.2	10.3	9.6	2.4	2.1
<b>ARIZONA</b>	5.8	5.9	5.1	5.1	4.9	5.2	3.1	3.2	.6	.7
Phoenix	5.6	5.5	4.7	4.6	4.9	4.8	3.0	3.0	.7	.5
<b>ARKANSAS</b>	11.3	7.9	9.9	7.1	8.8	7.4	6.6	5.4	.9	.7
Fort Smith	14.7	9.9	14.1	9.3	10.3	8.2	8.5	6.1	.2	.6
Little Rock—North Little Rock	10.1	8.4	9.2	7.8	9.8	7.9	6.7	5.6	.4	.4
Pine Bluff	6.6	5.0	6.0	4.5	6.0	5.2	4.6	4.1	.5	.2
<b>COLORADO</b>	5.5	5.9	4.8	4.9	5.4	4.3	3.6	3.0	.9	.4
Denver	5.8	6.1	5.2	5.4	5.8	4.8	3.7	3.4	.9	.5
<b>CONNECTICUT</b>	3.6	3.8	3.0	3.2	3.0	2.8	1.7	1.7	.4	.3
Hartford	2.9	3.2	2.3	2.7	2.5	2.3	1.4	1.4	.4	.3
<b>DELAWARE<sup>1</sup></b>	3.1	4.9	2.1	2.8	2.5	2.9	1.2	1.6	.2	.6
Wilmington <sup>1</sup>	3.0	4.9	1.9	2.8	2.4	2.8	.9	1.3	.3	.6
<b>DISTRICT OF COLUMBIA:</b>										
Washington SMSA	2.3	2.9	2.1	2.8	1.9	2.3	1.5	1.6	.1	.2
<b>FLORIDA</b>	7.0	(*)	6.5	(*)	8.0	(*)	5.2	(*)	1.5	(*)
Fort Lauderdale—Hollywood	7.7	(*)	7.2	(*)	7.6	(*)	4.7	(*)	.2	(*)
Jacksonville	6.6	(*)	6.2	(*)	6.3	(*)	4.5	(*)	.5	(*)
Miami	6.1	(*)	5.7	(*)	6.1	(*)	4.1	(*)	1.0	(*)
Orlando	6.1	(*)	5.1	(*)	7.5	(*)	4.6	(*)	1.4	(*)
Pensacola	2.4	(*)	2.4	(*)	3.0	(*)	2.1	(*)	( <sup>2</sup> )	(*)
Tampa—St. Petersburg	9.1	(*)	8.2	(*)	10.7	(*)	7.5	(*)	2.3	(*)
West Palm Beach—Boca Raton	3.4	(*)	3.2	(*)	4.2	(*)	3.1	(*)	.4	(*)
<b>GEORGIA</b>	5.7	5.9	4.8	4.9	6.0	4.8	4.4	3.5	.4	.3
Atlanta <sup>3</sup>	4.4	5.4	3.9	4.5	4.8	4.9	3.1	3.0	.4	.7
<b>HAWAII<sup>4</sup></b>	2.9	2.5	2.5	2.3	1.9	2.0	1.2	1.1	.3	.5
<b>IDAHO<sup>5</sup></b>	12.1	8.6	7.3	7.1	5.7	4.9	3.4	3.0	1.0	.7
<b>ILLINOIS:</b>										
Chicago SMSA	4.2	4.5	3.5	4.0	3.7	3.8	2.3	2.1	.4	.5
<b>INDIANA</b>	4.9	4.2	3.5	3.0	3.4	3.3	1.9	1.7	.5	.8
Indianapolis <sup>6</sup>	3.6	2.7	2.6	2.0	2.7	2.6	1.4	1.3	.2	.5
<b>IOWA</b>	5.9	5.3	5.1	4.5	4.1	3.6	3.0	2.6	.4	.2
Cedar Rapids	4.6	4.4	3.7	3.4	3.3	2.0	1.9	1.5	.8	.2
Des Moines	6.4	6.8	5.7	5.8	5.1	4.3	3.7	3.2	.3	.1
<b>KANSAS</b>	7.0	6.9	5.9	5.6	5.6	5.2	4.1	3.6	.5	.5
Topeka	4.1	3.6	2.7	3.0	4.2	4.8	2.4	1.9	.9	1.8
Wichita	5.5	7.9	4.7	6.4	4.5	5.3	3.5	4.0	( <sup>2</sup> )	.4
<b>KENTUCKY</b>	4.7	4.6	3.5	3.6	4.6	4.1	2.5	2.3	.9	.9
Louisville	3.4	3.5	2.4	2.8	2.8	2.5	1.2	1.3	.4	.3
<b>LOUISIANA:</b>										
New Orleans	5.6	4.7	3.6	3.2	5.6	4.8	2.6	2.2	1.6	1.5
<b>MAINE</b>	7.7	8.8	5.6	6.6	7.1	6.2	4.2	3.9	1.8	1.2
Portland	6.0	5.6	5.5	5.1	4.5	4.7	3.6	3.5	.4	.5
<b>MARYLAND</b>	4.0	4.4	2.9	3.5	3.6	3.4	1.8	1.7	.8	.8
Baltimore	3.4	4.0	2.6	3.2	3.2	2.9	1.7	1.5	.5	.5
<b>MASSACHUSETTS</b>	4.5	5.4	3.6	4.5	3.6	3.9	2.3	2.4	.5	.6
Boston	4.1	4.7	3.3	3.8	3.3	3.4	1.9	2.0	.5	.5
<b>MICHIGAN</b>	4.1	4.5	1.8	2.3	2.9	3.6	1.2	1.3	.9	1.1
Detroit	3.8	4.6	1.7	2.2	3.1	4.7	1.2	1.4	.7	1.5

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	
May 1974	June 1974 <sup>P</sup>	May 1974	June 1974 <sup>P</sup>	May 1974	June 1974 <sup>P</sup>	May 1974	June 1974 <sup>P</sup>	May 1974	June 1974 <sup>P</sup>	
MINNESOTA	4.9	(*)	4.1	(*)	4.0	(*)	2.9	(*)	0.5	(*)
Minneapolis-St. Paul	4.1	(*)	3.6	(*)	3.4	(*)	2.4	(*)	.4	(*)
MISSISSIPPI:										
Jackson	6.4	4.8	5.3	4.4	6.2	4.2	4.4	2.8	.5	0.2
MISSOURI	4.9	4.6	4.1	3.7	4.2	3.7	2.6	2.4	.7	.5
Kansas City	4.9	4.0	4.1	3.4	4.2	3.7	2.6	2.2	.7	.6
St. Louis <sup>7</sup>	3.6	3.6	2.7	2.7	3.4	2.9	1.5	1.4	1.0	.6
MONTANA	5.2	6.7	4.4	5.2	3.3	3.5	2.4	2.4	.5	.3
NEBRASKA	7.0	6.2	5.8	5.1	5.8	5.1	4.1	3.5	.9	.9
NEVADA	8.4	8.7	7.1	7.5	7.7	6.3	4.4	4.2	1.1	.7
NEW HAMPSHIRE	5.4	(*)	4.4	(*)	5.4	(*)	3.7	(*)	.8	(*)
NEW JERSEY:										
Camden <sup>8</sup>	3.9	4.0	3.0	3.3	4.1	3.6	1.6	1.6	1.2	.9
Hackensack	4.1	4.7	3.4	4.3	4.2	4.1	2.0	2.2	1.3	.9
Jersey City	3.7	5.1	2.5	2.5	4.0	4.5	1.2	1.3	1.3	1.8
Newark	4.1	4.3	2.9	3.6	3.8	3.4	1.6	1.4	1.2	1.1
New Brunswick-Perth Amboy-Sayreville	4.0	5.1	3.3	4.2	3.8	3.5	1.7	1.6	1.0	.9
Paterson-Clifton-Passaic	6.0	5.6	3.0	3.3	4.4	3.7	2.1	1.7	1.3	1.0
Trenton	3.8	4.6	2.8	3.2	2.7	3.3	1.5	1.8	.4	.5
NEW YORK	4.5	4.8	2.9	3.4	4.2	4.3	1.7	1.6	1.7	1.9
Albany-Schenectady-Troy	3.2	3.4	2.2	2.4	2.5	2.7	1.2	1.2	.5	.6
Binghamton	3.0	4.3	2.4	3.5	2.6	5.5	1.6	1.8	.3	3.0
Buffalo	2.8	3.4	1.5	2.2	2.4	2.5	.7	.8	1.0	1.1
Elmira	3.1	4.2	2.1	3.0	2.9	2.8	1.5	1.5	.6	.5
Monroe County <sup>9</sup>	3.4	4.5	2.6	3.9	2.1	1.9	1.1	1.1	.4	.2
Nassau-Suffolk <sup>10</sup>	4.7	5.1	3.8	4.2	5.0	4.2	2.3	2.2	1.6	1.1
New York and Nassau-Suffolk	4.7	5.0	3.0	3.3	5.4	5.0	1.7	1.6	2.9	2.5
New York SMSA <sup>10</sup>	4.7	5.0	2.9	3.1	5.5	5.1	1.6	1.5	3.1	2.8
New York City <sup>11</sup>	4.9	5.1	2.9	3.1	5.7	4.9	1.6	1.5	3.4	2.6
Rochester	3.6	4.7	2.8	4.0	2.6	2.3	1.3	1.3	.6	.3
Syracuse	4.2	4.2	3.1	3.3	3.1	2.9	1.6	1.5	.5	.4
Utica-Rome	2.9	3.4	2.2	2.3	2.7	3.0	1.3	1.3	.7	1.0
Westchester County <sup>11</sup>	3.1	4.2	2.2	3.0	3.8	8.0	1.3	1.3	1.4	5.7
NORTH CAROLINA	6.5	6.6	5.6	5.7	6.3	5.5	4.9	4.2	.3	.3
Charlotte-Gastonia	8.4	8.0	7.0	7.0	8.1	6.8	6.5	5.5	.1	( <sup>2</sup> )
Greensboro-Winston-Salem-High Point	5.9	6.2	5.1	5.3	5.8	5.0	4.4	3.7	.3	.3
NORTH DAKOTA	10.5	9.0	7.0	6.2	12.6	5.6	4.2	3.5	7.4	1.4
Fargo-Moorhead	9.9	8.2	6.0	5.2	5.5	5.2	4.1	4.5	.3	.1
OHIO	3.6	4.4	2.3	3.2	3.0	3.0	1.5	1.5	.6	.6
Akron	1.8	2.8	1.4	2.1	1.7	1.7	.8	1.0	.2	.1
Canton	3.1	4.8	1.9	3.4	3.4	2.8	1.3	1.4	.8	.5
Cincinnati	3.4	4.0	2.6	3.2	2.9	2.5	1.6	1.5	.4	.2
Cleveland	3.1	4.5	2.3	3.7	3.1	3.6	1.7	1.7	.4	.8
Columbus	3.8	4.0	2.5	2.4	3.6	3.4	2.0	1.8	.8	.7
Dayton	3.3	3.8	1.6	2.1	2.2	2.2	1.1	1.2	.3	.2
Toledo	2.9	4.8	1.9	2.6	2.8	2.9	1.0	1.1	.6	.6
Youngstown-Warren	4.4	4.2	1.4	2.2	2.0	2.4	.8	.8	.3	.5
OKLAHOMA	7.5	6.6	6.8	6.0	6.7	5.8	4.6	4.3	.9	.4
Oklahoma City	6.7	7.0	6.0	5.9	7.3	6.5	4.4	4.2	1.7	.8
Tulsa <sup>12</sup>	7.8	5.2	7.2	4.7	5.6	4.9	4.4	3.8	.1	.3
OREGON <sup>1</sup>	6.2	7.9	5.0	6.8	5.2	5.1	3.1	3.0	1.1	.9
Portland <sup>1</sup>	5.7	7.6	4.6	6.2	4.9	5.2	2.9	2.9	1.2	1.1
PENNSYLVANIA:										
Allentown-Bethlehem-Easton	3.3	3.5	2.7	2.8	2.7	2.6	1.5	1.3	.5	.7
Altoona	4.8	4.7	3.6	4.0	4.2	4.4	2.2	2.2	1.5	1.6
Erie	5.5	6.3	4.2	5.4	3.9	3.8	2.2	2.3	.3	.2
Harrisburg	3.3	4.2	2.8	3.6	3.6	3.4	2.1	2.2	.9	.8
Johnstown	4.4	2.8	2.3	2.0	2.3	1.5	.9	.8	1.1	.5
Lancaster	4.5	4.8	3.9	3.7	4.0	3.4	3.0	2.3	.3	.4

See footnotes at end of table.

# ESTABLISHMENT DATA STATE AND AREA LABOR TURNOVER

110

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	
	May 1974	June 1974 <sup>p</sup>	May 1974	June 1974 <sup>p</sup>	May 1974	June 1974 <sup>p</sup>	May 1974	June 1974 <sup>p</sup>	May 1974	June 1974 <sup>p</sup>
<b>PENNSYLVANIA—Continued</b>										
Northeast Pennsylvania .....	4.5	4.5	2.8	3.4	4.8	4.0	2.1	1.9	1.8	1.2
Philadelphia SMSA .....	3.8	4.2	2.7	3.4	3.5	3.2	1.6	1.6	.9	.8
Pittsburgh .....	3.1	3.6	2.1	2.5	2.2	1.8	.7	.7	.9	.6
Reading .....	4.1	5.3	3.2	4.4	3.9	3.9	2.3	2.3	.9	.4
Scranton <sup>13</sup> .....	3.6	4.0	2.7	3.0	3.4	3.3	1.8	1.4	.9	1.3
Wilkes-Barre—Hazleton <sup>14</sup> .....	5.0	4.9	2.7	3.5	5.6	4.5	2.2	2.1	2.4	1.2
York .....	5.2	6.0	4.6	5.2	5.1	4.3	3.4	2.7	1.0	.9
<b>RHODE ISLAND</b>										
Providence—Warwick—Pawtucket .....	6.1	6.2	5.3	5.1	5.8	5.0	3.9	3.3	.9	.8
.....	6.0	6.1	5.2	5.1	5.7	4.8	3.9	3.3	.8	.7
<b>SOUTH CAROLINA:</b>										
Greenville—Spartanburg .....	8.1	7.7	7.2	7.1	7.7	6.8	6.1	5.4	.1	( <sup>2</sup> )
<b>SOUTH DAKOTA</b>										
Sioux Falls .....	6.0	5.4	5.6	5.2	4.1	3.9	3.4	3.4	.1	.1
.....	5.2	4.4	5.0	4.2	2.2	4.0	1.5	3.5	( <sup>2</sup> )	.1
<b>TENNESSEE:</b>										
Memphis .....	6.3	5.3	5.5	4.6	5.7	5.4	3.4	2.9	.7	1.0
<b>TEXAS:</b>										
Dallas .....	6.2	6.7	5.7	6.3	5.5	5.4	4.0	3.9	.3	.3
Fort Worth .....	6.4	6.3	5.9	5.8	6.1	6.1	4.5	4.4	.4	.6
Houston .....	6.3	6.2	6.0	5.6	5.3	4.7	3.8	3.5	.3	.1
San Antonio .....	5.4	6.1	5.1	5.9	4.9	5.3	3.5	3.6	.4	.2
<b>UTAH <sup>5</sup></b>										
Salt Lake City—Ogden <sup>5</sup> .....	6.1	7.4	5.3	6.5	5.0	5.2	3.7	3.7	.5	.4
.....	5.7	7.2	5.3	6.7	4.7	5.0	3.7	3.8	.2	.3
<b>VERMONT</b>										
Burlington .....	4.0	4.4	3.4	3.9	3.6	3.3	2.4	2.1	.5	.5
.....	2.8	3.0	2.1	2.5	1.9	1.8	.8	.7	.7	1.0
Springfield .....	3.6	2.9	3.4	2.6	3.1	2.8	2.0	1.2	.3	.8
<b>VIRGINIA</b>										
Richmond .....	4.9	4.9	4.0	4.1	4.9	4.0	3.3	2.8	.7	.3
.....	3.4	3.5	2.9	2.7	4.1	3.4	1.8	1.8	1.2	.5
<b>WASHINGTON:</b>										
Seattle—Everett <sup>15</sup> .....	3.8	5.3	2.8	4.0	3.9	4.2	2.3	2.1	.9	.8
<b>WEST VIRGINIA:</b>										
Charleston .....	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)
<b>WISCONSIN</b>										
Milwaukee .....	5.0	5.2	3.9	4.3	3.5	3.3	2.0	1.8	.6	.6
.....	5.0	5.1	4.0	4.3	3.8	3.4	2.1	2.0	.6	.2
<b>WYOMING</b>										
.....	7.9	7.9	6.2	6.9	4.9	5.0	4.1	3.6	.3	.1

<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> Area definition revised. For details see Table B-7.

<sup>8</sup> Subarea of Philadelphia, Pennsylvania Standard Metropolitan Statistical Area: Burlington, Camden, and Gloucester Counties, New Jersey.

<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> Excludes new-hire rate for transportation equipment.

<sup>13</sup> Subarea of Northeast Pennsylvania Standard Metropolitan Statistical Area: Lackawanna County.

<sup>14</sup> Subarea of Northeast Pennsylvania Standard Metropolitan Statistical Area: Luzerne County.

<sup>15</sup> Excludes canning and preserving, printing and publishing.

\* Not available.

<sup>p</sup> preliminary.

SOURCE: Cooperating State agencies listed on inside back cover.

## E-1. Insured unemployment under State programs

(Week including the 12th of the month)

State	Number (in thousands)					Rate (percent of average covered employment)		
	Aug. 1973	July 1974	Aug. 1974	from <sup>1</sup>		Aug. 1973	July 1974	Aug. 1974
				Aug. 1973	July 1974			
TOTAL <sup>2,3</sup>	1,457.0	2,039.3	1,899.0	442.1	-140.3	2.4	3.1	2.9
SEASONALLY ADJUSTED	1,615.2	2,197.7	2,102.6	487.4	-95.1	2.6	3.4	3.2
Alabama	15.0	26.7	21.9	6.9	-4.9	1.8	3.0	2.4
Alaska	3.5	4.0	3.6	0	-.4	5.3	5.6	5.0
Arizona	9.7	16.2	16.1	6.4	-.2	1.8	2.8	2.7
Arkansas	9.3	14.9	13.0	3.7	-1.9	2.0	2.9	2.5
California	197.2	276.1	247.0	49.7	-29.1	3.3	4.3	3.9
Colorado	6.3	8.2	9.2	3.0	1.0	1.0	1.1	1.2
Connecticut	35.7	54.7	50.0	14.3	-4.7	3.1	4.5	4.1
Delaware	6.9	4.2	8.9	2.0	4.7	3.4	1.9	4.1
District of Columbia	8.4	9.1	9.6	1.2	.5	2.3	2.5	2.6
Florida	31.6	49.9	58.5	26.9	8.6	1.5	2.1	2.5
Georgia	15.0	28.0	28.4	13.4	.4	1.1	1.9	1.9
Hawaii	10.0	11.5	11.2	1.2	-.3	3.6	3.8	3.7
Idaho	6.4	7.2	6.1	-.2	-1.1	3.4	3.6	3.0
Illinois	59.7	93.5	74.3	14.6	-19.2	1.7	2.5	2.0
Indiana	18.9	30.9	25.4	6.5	-5.5	1.2	1.8	1.5
Iowa	8.6	8.5	8.2	-.4	-.3	1.2	1.1	1.0
Kansas	6.9	8.8	8.1	1.1	-.7	1.3	1.5	1.4
Kentucky	13.1	18.4	17.4	4.3	-1.0	1.8	2.2	2.1
Louisiana	24.6	29.1	26.5	1.8	-2.6	2.7	3.0	2.7
Maine	7.6	15.2	9.8	2.2	-5.4	2.8	5.4	3.5
Maryland	21.7	28.0	27.3	5.6	-.6	2.0	2.5	2.4
Massachusetts	79.3	105.1	94.0	14.8	-11.0	4.1	5.3	4.7
Michigan	82.5	131.7	145.1	62.5	13.4	3.3	4.7	5.2
Minnesota	20.1	25.6	24.2	4.0	-1.5	1.8	2.2	2.0
Mississippi	6.1	10.2	9.0	2.9	-1.3	1.2	1.9	1.7
Missouri	28.9	34.1	33.9	5.0	-.1	2.1	2.4	2.3
Montana	3.5	5.0	4.3	.8	-.7	2.3	3.2	2.7
Nebraska	5.3	6.9	9.8	4.5	3.0	1.4	1.6	2.3
Nevada	6.2	9.1	9.1	2.9	0	3.4	4.5	4.5
New Hampshire	2.6	8.8	5.2	2.6	-3.6	1.1	3.4	2.0
New Jersey	93.9	119.2	116.4	22.4	-2.8	4.2	5.2	5.0
New Mexico	6.8	8.6	8.4	1.7	-.1	2.9	3.5	3.4
New York	183.1	249.3	229.6	46.5	-19.6	3.1	4.2	3.8
North Carolina	13.8	28.9	23.5	9.7	-5.4	.8	1.7	1.4
North Dakota	1.7	1.9	1.6	-.2	-.3	1.4	1.4	1.2
Ohio	40.5	65.1	56.0	15.5	-9.0	1.2	1.9	1.6
Oklahoma	12.6	14.4	16.4	3.8	2.1	1.9	2.1	2.4
Oregon	18.4	26.7	24.3	6.0	-2.4	2.9	4.0	3.6
Pennsylvania	102.4	156.5	128.6	26.1	-27.9	2.8	4.0	3.3
Puerto Rico <sup>2</sup>	58.3	55.0	65.0	6.7	10.0	10.1	10.3	11.0
Rhode Island	14.1	21.4	15.7	1.6	-5.7	4.5	6.6	4.8
South Carolina	9.0	17.6	18.0	8.9	.4	1.2	2.2	2.2
South Dakota	1.5	2.0	1.8	.2	-.3	1.1	1.4	1.2
Tennessee	19.3	30.1	25.3	6.0	-4.8	1.6	2.4	2.0
Texas	32.1	34.6	32.9	.8	-1.7	1.0	1.0	1.0
Utah	5.9	8.3	7.6	1.7	-.6	2.1	2.6	2.4
Vermont	3.5	5.5	5.0	1.5	-.5	2.8	4.2	3.8
Virginia	7.9	11.2	13.4	5.5	2.2	.6	.8	1.0
Washington	46.4	58.6	53.7	7.4	-4.8	5.2	6.3	5.7
West Virginia	10.1	13.0	10.7	.6	-2.2	2.3	2.9	2.4
Wisconsin	24.0	31.2	29.2	5.2	-2.0	1.8	2.2	2.0
Wyoming	.7	.7	.6	-.1	-.1	.8	.8	.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.

E-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	Aug. 1973	Aug. 1974	State and area	Aug. 1973	Aug. 1974	State and area	Aug. 1973	Aug. 1974	State and area	Aug. 1973	Aug. 1974
<b>ALABAMA</b>			<b>INDIANA</b>			<b>NEW HAMPSHIRE</b>			<b>PENNSYLVANIA—</b>		
Birmingham .....	3.7	5.2	Evansville .....	1.4	1.3	Manchester .....	.6	1.1	Continued		
Mobile .....	1.9	2.2	Ft. Wayne .....	1.2	1.5				Northeast		
<b>ARIZONA</b>			Gary-Hammond—			<b>NEW JERSEY</b>			Pennsylvania .....	(*)	14.8
Phoenix .....	6.1	11.0	East Chicago .....	2.0	2.8	Atlantic City .....	2.0	2.9	Philadelphia .....	50.8	59.8
<b>ARKANSAS</b>			Indianapolis .....	3.3	5.1	Hackensack .....	(*)	13.4	Pittsburgh .....	20.5	20.3
Little Rock—			South Bend .....	1.2	1.4	Jersey City .....	11.1	14.6	Reading .....	2.3	2.8
North Little			Terre Haute .....	1.1	.9	Newark .....	25.3	34.1	York .....	1.8	3.1
Rock .....	1.0	1.8	<b>IOWA</b>			New Brunswick—			<b>PUERTO RICO</b>		
<b>CALIFORNIA</b>			Cedar Rapids .....	.4	.4	Perth Amboy—			Mayaguez .....	1.7	1.7
Anaheim—S. Ana—			Des Moines .....	1.2	1.1	Sayreville .....	9.4	10.6	Ponce .....	3.0	3.0
Garden Grove .....	13.0	17.4	<b>KANSAS</b>			Paterson—Clifton—			San Juan .....	9.3	10.8
Fresno .....	4.7	5.0	Wichita .....	1.8	1.8	Passaic .....	19.6	9.8	<b>RHODE ISLAND</b>		
Los Angeles—Long			<b>KENTUCKY</b>			Trenton .....	2.9	3.8	Providence—		
Beach .....	79.9	99.9	Louisville .....	3.4	4.2	<b>NEW MEXICO</b>			Warwick—		
Sacramento .....	8.1	9.5	<b>LOUISIANA</b>			Albuquerque .....	3.1	3.8	Pawtucket .....	14.8	18.9
Riverside—San			Baton Rouge .....	1.7	2.4	<b>NEW YORK</b>			<b>SOUTH CAROLINA</b>		
Bernardino—			New Orleans .....	8.6	8.0	Albany .....			Charleston .....	1.4	2.3
Ontario .....	12.0	14.7	Shreveport .....	1.5	2.6	Schenectady—			Greenville—		
San Diego .....	14.9	20.6	<b>MAINE</b>			Troy .....	4.6	6.5	Spartanburg .....	.6	2.4
San Francisco—			Portland .....	.8	1.3	Binghamton .....	1.5	1.7	<b>TENNESSEE</b>		
Oakland .....	37.1	41.8	<b>MARYLAND</b>			Buffalo .....	11.9	16.7	Chattanooga .....	2.1	2.3
San Jose .....	8.5	11.2	Baltimore .....	14.7	17.0	Nassau—Suffolk .....	(*)	34.4	Knoxville .....	1.6	2.5
Stockton .....	2.3	2.4	<b>MASSACHUSETTS</b>			New York .....	141.8	174.9	Memphis .....	3.3	4.4
<b>COLORADO</b>			Boston .....	40.7	44.2	Rochester .....	4.5	7.3	Nashville—		
Denver—Boulder .....	3.9	5.3	Brockton .....	3.2	3.5	Syracuse .....	3.9	5.0	Davidson .....	1.6	2.4
<b>CONNECTICUT</b>			Fall River .....	2.4	3.5	Utica—Rome .....	2.7	3.5	<b>TEXAS</b>		
Bridgeport .....	5.8	7.8	Lawrence—			<b>NORTH CAROLINA</b>			Austin .....	.9	1.7
Hartford .....	7.6	10.8	Haverhill .....	4.5	5.2	Asheville .....	.3	.9	Beaumont—		
New Britain .....	2.2	2.7	Lowell .....	3.7	4.0	Charlotte—			Port Arthur—		
New Haven—			New Bedford .....	3.2	3.2	Gastonia .....	1.0	1.6	Orange .....	1.8	1.5
West Haven .....	4.9	7.0	Springfield—			Raleigh—Durham .....	.4	1.1	Corpus Christi .....	1.2	1.2
Stamford .....	1.9	2.6	Chicopee—			Greensboro—			Dallas—Fort		
Waterbury .....	2.8	3.7	Holyoke .....	7.4	7.8	Winston-Salem—			Worth .....	7.4	8.1
<b>DELAWARE</b>			Worcester .....	3.9	5.0	High Point .....	1.8	2.6	El Paso .....	1.5	1.7
Wilmington .....	6.8	9.4	<b>MICHIGAN</b>			<b>OHIO</b>			Houston .....	4.2	4.5
<b>DIST. OF COL.</b>			Battle Creek .....	1.5	2.2	Akron .....	2.6	3.5	San Antonio .....	3.3	3.7
Washington .....	14.3	18.7	Detroit .....	42.9	73.0	Canton .....	1.5	1.6	<b>UTAH</b>		
<b>FLORIDA</b>			Flint .....	5.0	17.3	Cincinnati .....	4.9	6.9	Salt Lake City—		
Jacksonville .....	1.0	2.0	Grand Rapids .....	4.4	5.4	Cleveland .....	6.8	9.9	Ogden .....	3.2	4.2
Miami .....	9.4	17.3	Kalamazoo .....			Columbus .....	2.8	6.4	<b>VIRGINIA</b>		
Tampa—St.			Portage .....	1.8	2.4	Dayton .....	2.9	4.3	Newport News—		
Petersburg .....	3.4	8.4	Lansing—East			Dayton .....	2.9	4.3	Hampton .....	1.0	.9
<b>GEORGIA</b>			Lansing .....	4.3	9.9	Hamilton—			Norfolk—		
Atlanta .....	4.5	10.2	Muskegon—			Middletown .....	1.2	1.9	Virginia Beach—		
Augusta .....	1.3	1.9	Muskegon .....			Lorain .....			Portsmouth .....	1.2	1.7
Columbus .....	.9	1.4	Heights .....	1.7	2.5	Elyria .....	.8	1.3	Richmond .....	.6	.7
Macon .....	1.2	1.3	Saginaw .....	1.3	3.4	Steubenville—			Roanoke .....	.3	.5
Savannah .....	.8	1.0	<b>MINNESOTA</b>			Weirton .....	.6	.6	<b>WASHINGTON</b>		
<b>HAWAII</b>			Duluth—			Toledo .....	3.1	5.0	Seattle .....	20.4	23.4
Honolulu .....	9.0	9.6	Superior .....	1.9	1.6	Youngstown—			Spokane .....	3.6	4.7
<b>ILLINOIS</b>			Minneapolis—			Warren .....	6.7	3.4	Tacoma .....	5.8	5.9
Chicago .....	35.7	48.1	St. Paul .....	10.5	12.4	<b>OKLAHOMA</b>			<b>WEST VIRGINIA</b>		
Davenport—Rock			<b>MISSISSIPPI</b>			Oklahoma City .....	3.0	5.6	Charleston .....	1.4	1.0
Island—			Jackson .....	.6	.7	Tulsa .....	2.1	2.6	Huntington—		
Moline .....	1.3	1.0	<b>MISSOURI</b>			<b>OREGON</b>			Ashland .....	1.0	2.7
Peoria .....	1.3	1.9	Kansas City .....	8.0	8.4	Portland .....	10.3	12.1	Wheeling .....	1.1	1.1
Rockford .....	4.2	4.7	St. Louis .....	18.1	21.8	<b>PENNSYLVANIA</b>			<b>WISCONSIN</b>		
			<b>NEBRASKA</b>			Allentown—			Kenosha .....	.6	.7
			Omaha .....	.5	7.8	Bethlehem—			Madison .....	2.2	2.6
						Easton .....	4.0	6.0	Milwaukee .....	7.6	8.5
						Aitona .....	1.4	2.4	Racine .....	.8	1.0
						Erie .....	1.5	1.8			
						Harrisburg .....	2.8	4.0			
						Johnstown .....	2.5	3.3			
						Lancaster .....	1.1	2.3			

<sup>1</sup> Insured jobless under State, Federal Employee, and Ex-Servicemen's unemployment insurance programs excludes extended benefit claims.  
<sup>2</sup> For full name of labor area and definition of area, see Area Trends in Employment and Unemployment published by the Manpower Administration.  
\* Information not available.

# **Explanatory Notes**

**Introduction**

**Household Data (A tables)**

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

**Unemployment Insurance Data (E 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, 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 entire 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 in the past had 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. The term "Negro" is used in tables when the relevant data are provided for Negroes exclusively.

*Spanish origin* refers to persons who identified themselves in the enumeration process as Mexican, Puerto Rican living on the mainland, Cuban, Central or South American or other Spanish origin or descent. According to the 1970 Census, approximately 98 percent of their population is white.

*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.

Beginning in January 1974, the methodology used to prepare independent estimates of the civilian noninstitutional population was modified to an "inflation-deflation" approach. This change in the derivation of the population estimates had its greatest impact on estimates of 20-24 year-old males—particularly those of Negro and other races—but had little effect on 16 and over totals. Additional information on the adjustment procedure appears in "CPS Population Controls Derived from Inflation-Deflation Method of Estimation" in the February 1974 issue of *Employment and Earnings*.

## 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 applied to independent current estimates of the population by age, sex, and color. Prior to January 1974 these estimates were prepared by carrying forward the most recent census data (1970) after taking account of subsequent aging of the population, births, deaths, and migration between the United States and other countries.

Beginning in 1974, the "inflation-deflation" method of deriving independent population controls was introduced into the CPS estimation procedures. In this procedure, the most recent census population adjusted to include estimated net census undercount by age, sex, and color (i.e., "inflated") is carried forward to each subsequent month and later age by adding births, subtracting deaths, and adding net migration. These postcensal population estimates are then "deflated" to census level to reflect the pattern of net undercount in the most recent census by age, sex, and color. The actual percent change over time in the population in any age group is preserved.

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

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.

**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	—	—	—	—	—

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.

**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

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

**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

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 E shows the standard error of percentage of monthly levels and consecutive month change for frequently analyzed unemployment rate series. These errors are computed from data for recent months. Errors on change for nonconsecutive months are slightly greater (by roughly a factor of 1.1 times the month-to-month error).

**Table E. Standard error of percentage for major unemployment rates**

Selected categories	Monthly level	Consecutive month change
Total (all civilian workers)	.09	.11
Men, 20 years and over	.10	.12
Women, 20 years and over	.16	.19
Both sexes, 16-19 years	.50	.64
White workers	.09	.11
Negro (and other races) workers	.36	.45
Household heads	.09	.11
Married men	.09	.11
Full-time workers	.09	.11
Part-time workers	.32	.40
Unemployed 15 weeks and over	.04	.05
Labor force time lost	.10	.12
OCCUPATION		
White-collar workers	.11	.13
Professional and technical	.18	.22
Managers and administrators, except farm	.14	.18
Sales workers	.34	.42
Clerical workers	.21	.25
Blue-collar workers	.16	.20
Craft and kindred workers	.23	.28
Operatives	.24	.30
Nonfarm laborers	.52	.65
Service workers	.27	.34
Farm workers	.37	.45
INDUSTRY		
Nonagricultural private wage and salary workers	.11	.13
Construction	.52	.66
Manufacturing	.18	.22
Durable goods	.21	.26
Nondurable goods	.30	.37
Transportation and public utilities	.33	.40
Wholesale and retail trade	.24	.30
Finance and service industries	.20	.24
Government wage and salary workers	.18	.22
Agricultural wage and salary workers	.97	1.23

# Establishment data

(B, C, and D tables)

## COLLECTION

Payroll reports provide current information on wage and salary employment, hours, earnings, 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 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 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.

## 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, 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, construction, 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 have 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.

## 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 F, Summary of methods for computing industry statistics on employment, hours, earnings, and labor turnover.

**Table F. Summary of methods for computing industry statistics on employment, hours, 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.
<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.

## 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" 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 G.

**Table G. 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*.

## 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 predetermined 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 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 H 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

**Table H. 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.

from the proportions shown. Table I shows the approximate coverage, in terms of employment, of the labor turnover sample.

**Table I. Approximate size and coverage of BLS labor turnover sample, March 1972**

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

**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 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 J 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 J and for individual industries with the specified number of employees in table K. 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.

**Table J. 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.

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 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 K.

**Table K. 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.

For the two 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 L 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 L. 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

## STATISTICS FOR STATES AND AREAS

State and area employment, hours, earnings, 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 (E 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 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 methods used for these series are 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 two publications, *BLS Seasonal Factor Method (1966)* and *X-11 Variant of the Census Method II Seasonal Adjustment Program*, Technical Paper No. 15, Bureau of the Census (1967).

Data for the household series are seasonally adjusted by the Census X-11 Method. For each of the three major labor force components—agricultural employment, nonagricultural employment, and unemployment—data for four age-sex groups (male and female workers, 16-19 years and 20 years and over) are separately adjusted for seasonal variation and 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 for all civilian workers is derived by dividing the figure for total unemployment (the sum of four seasonally adjusted age-sex components) by the figure for the civilian labor force (the sum of 12 seasonally adjusted age-sex components). Other series, such as unemployment by duration or employment by major occupational groups, are independently adjusted.

The seasonal adjustment factors applying to current data are based on a pattern shown by past experience. Once each year (in January), these factors are revised in the light of the

previous years' experience. Revised seasonally adjusted series for major components of the labor force based on data through December 1973, plus a short description of the methodology, are published in the February 1974 *Employment and Earnings*. Many additional series, which are either components or aggregates of the series presented, are available from the BLS upon request.

For establishment data, the seasonally adjusted series on hours, hourly earnings, and labor turnover rates for industry groupings are computed by applying factors directly to the corresponding unadjusted series, utilizing the BLS Seasonal Factor Method. 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 non-supervisory workers, seasonally adjusted, and dividing by the 1967 base. For total private, total goods producing, total private service producing, trade, manufacturing, and durable and non-durable 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.

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, and labor turnover series—concepts and scope, survey methods, and limitations—is contained in the *Handbook of Methods*, BLS Bulletin 1711.