

Employment and Earnings

Vol. 22 No. 2 August 1975

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

CONTENTS

Page

List of statistical tables	2
Employment and unemployment developments, July 1975	4
Charts	6
Statistical tables:	
Monthly household data	17
Monthly establishment data	49
Monthly unemployment insurance data	122
Explanatory notes	125

CALENDAR OF FEATURES											
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.	Oct.	Nov.	Dec.
Household data											
Annual averages	x										
Revised seasonally adjusted series		x									
Quarterly averages:											
Seasonally adjusted data											
Persons not in labor force											
Persons of Spanish origin											
Vietnam-Era veterans and nonveterans	x			x			x		x		
Poverty-nonpoverty area data											
Establishment data											
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)					(1)
State and area annual averages					x						
Area definitions					x						

¹ The issue that introduces the establishment data adjusted to new benchmarks varies. The December 1974 issue marks the introduction of March 1973 benchmarks.

² Real earnings data introduced in June 1975.

MONTHLY HOUSEHOLD DATA

Page

Employment Status

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 the noninstitutional population by sex, age, and color	23
A- 6: Employment status of the noninstitutional population 16-21 years of age by color and sex	23
A- 7: Full- and part-time status of the civilian labor force by color, sex, and age	24

Characteristics of the Unemployed

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 and 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

Characteristics of the Employed

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, age, and sex	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 less than 35 hours	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 and age, color, and marital status	36
A-28: Persons at work in nonfarm occupations by full- or part-time status and sex	38

Characteristics of 14 and 15 Year-olds

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

Seasonally Adjusted Employment and Unemployment Data

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, seasonally adjusted	41
A-33: Employment status by color, sex, and age, seasonally adjusted	42
A-34: Major unemployment indicators, seasonally adjusted	43
A-35: Unemployed persons by duration of unemployment, 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 selected social and economic categories, seasonally adjusted	46

Characteristics of Vietnam-Era Veterans and Nonveterans

A-40: Employment status of male Vietnam-era veterans and nonveterans 20 to 34 years of age	47
--------------------------------------------------------------------------------------------------	----

MONTHLY ESTABLISHMENT DATA

	<i>Page</i>
Employment—National	
B- 1: Employees on nonagricultural payrolls, by industry division, 1919 to date	49
B- 2: Employees on nonagricultural payrolls, by industry	50
B- 3: Women employees on nonagricultural payrolls, by industry ¹	58
B- 4: Indexes of employment on nonagricultural payrolls, by industry division, 1919 to date, monthly data seasonally adjusted	65
B- 5: Employees on nonagricultural payrolls, by industry, seasonally adjusted	66
B- 6: Production or nonsupervisory workers on private nonagricultural payrolls, seasonally adjusted	67
B- 7: Indexes of diffusion of changes in number of employees on payrolls in 172 private nonagricultural industries, 1972 to date	68
Employment—State and Area	
B- 8: Employees on nonagricultural payrolls for States and selected areas, by industry division	70
Hours and Earnings—National	
C- 1: Gross hours and earnings of production or nonsupervisory workers on private nonagricultural payrolls, 1955 to date	81
C- 2: Gross hours and earnings of production or nonsupervisory workers on private nonagricultural payrolls, by industry	82
C- 3: Employment, hours, and indexes of earnings in the Executive Branch of the Federal Government	96
C- 4: Average hourly earnings excluding overtime of production workers on manufacturing payrolls, by industry	96
C- 5: Gross and spendable average weekly earnings of production or nonsupervisory workers on private nonagricultural payrolls, in current and 1967 dollars	97
C- 6: Indexes of aggregate weekly man-hours and payrolls of production or nonsupervisory workers on private nonagricultural payrolls	98
C- 7: Average weekly hours of production or nonsupervisory workers on private nonagricultural payrolls, seasonally adjusted	100
C- 8: Indexes of aggregate weekly man-hours of production or nonsupervisory workers on private nonagricultural payrolls, seasonally adjusted	101
C- 9: Man-hours of wage and salary workers in nonagricultural establishments	101
C-10: Indexes of output per man-hour, hourly compensation, unit costs, and prices, private economy, seasonally adjusted	102
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	103
C-12: Indexes of average hourly earnings, private nonfarm economy, adjusted for overtime (in manufacturing only) and interindustry employment shifts, 1964 to date	104
C-13: Four-quarter changes in compensation, seasonally adjusted	105
C-14: Quarter-to-quarter changes in compensation, seasonally adjusted	105
C-15: Twelve-month changes in compensation, seasonally adjusted	106
C-16: Six-month changes in compensation, seasonally adjusted	106
C-17: Average hourly or weekly compensation, seasonally adjusted	107
Hours and Earnings—State and Area	
C-18: Gross hours and earnings of production workers on manufacturing payrolls, by State and selected areas	108
Labor Turnover—National	
D- 1: Labor turnover rates in manufacturing, 1963 to date	113
D- 2: Labor turnover rates, by industry	114
D- 3: Labor turnover rates in manufacturing, 1963 to date, seasonally adjusted	118
Labor Turnover—State and Area	
D- 4: Labor turnover rates in manufacturing for selected States and areas	119

MONTHLY UNEMPLOYMENT INSURANCE DATA

E- 1: Insured unemployment under State programs	122
E- 2: Insured unemployment in 150 major labor areas	123

¹ Monthly data in February, May, August, and November issues; annual averages in March issue.

Employment and Unemployment Developments, July 1975

Unemployment declined and total employment rose further in July. At 8.4 percent, the unemployment rate was down sharply from the second quarter level of 8.9 percent but was still much higher than a year earlier. (The July figure was not complicated by seasonal adjustment difficulties encountered during the 2 previous months.)

Total employment—as measured by the monthly survey of households—rose by 630,000 in July to 85.1 million. After declining by nearly 2.6 million during the 6-month period ended in March, 1.2 million persons have obtained jobs in the subsequent months.

Total nonagricultural payroll employment—as measured by the monthly survey of establishments—rose in July by 90,000 from the June low of 76.3 million (as revised). However, increased strike activity kept an estimated 95,000 more workers off payrolls than in the previous month. Although employment trends are generally quite comparable in the household and establishment surveys, this has not always been true over short periods of time, as in the last few months.

Unemployment

Unemployment totaled 7.8 million in July, seasonally adjusted, a decline of nearly 400,000 from the second quarter average. Nearly all worker groups have shared in this decline. Rates dropped most sharply among teenagers and adult women, from 20.5 to 19.1 percent and 8.5 to 7.9 percent, respectively. At 7.0 and 6.0 percent, the rates for adult men and household heads were close to their second quarter averages, but married men experienced a reduction—from 5.7 to 5.4 percent. Blacks (Negro and other races), with a jobless rate of 13.0 percent in July, showed greater improvement than whites from the second quarter.

Among the occupational groups, the rate for blue-collar workers fell to 12.1 percent in July, after peaking at 12.9 percent in the second quarter. Associated with this change was a decline in the manufacturing jobless rate, from 12.2 percent in the spring quarter to 11.1 percent in July, with the durable goods industries showing most of the improvement. This

was the first significant decline in manufacturing unemployment in over a year.

The number of unemployed who had lost their last job, which had held steady in June, declined by 240,000 to 4.6 million in July, the first decline in 11 months.

Long-term unemployment continued on the rise in July, with the number of persons unemployed 15 weeks or longer now comprising 3.2 percent of the labor force, more than triple the rate of a year earlier. However, the average duration of unemployment was unchanged from the June level of 15.4 weeks. This was about 5 weeks longer than the year-ago average.

The unemployment rate of workers covered by State unemployment insurance programs declined in July to 6.2 percent from 7.0 percent in May and June. The number claiming regular State U.I. benefits was 4.1 million, seasonally adjusted, but the total number of unemployment insurance claimants is much larger when the 2.4 million persons claiming benefits under various special programs, including the Federal extended benefits programs, are taken into account.

In addition to the decline in total joblessness, the number of workers on part-time schedules for economic reasons posted a large decline for the second straight month. At 3.2 million, the number of those employed part-time involuntarily is down by 700,000 from the April-May level. Labor force time lost—a measure that combines the involuntary part-time employed with unemployment on a worker-hours basis—has also receded sharply, reaching 8.8 percent in July.

Total employment and civilian labor force

Total employment rose markedly in July to 85.1 million, seasonally adjusted. In the past 4 months, employment has expanded by 1.2 million, an increase that was experienced by all adult workers, by household heads, and by both married men and women. Total nonagricultural employment has now been on the upswing for 4 consecutive months, though it still remained 1.4 million short of last July's 83.0 million record level.

With the boost in total employment, the civilian labor force exhibited strong growth in July, a return to May's level of 92.9 million, after falling off in June as a result of the problems of seasonal adjustment in that month. Reflecting growth in the working-age population, the labor force was up 1.6 million over the year, a considerably slower growth pace than in the 2 previous years. Although fluctuating somewhat during the past year, the overall labor force participation rate was unchanged from the year earlier level of 61.4 percent.

Industry payroll employment

Total nonagricultural payroll employment increased slightly in July from a downwardly revised June level of 76.3 million, seasonally adjusted. The over-the-month gain was depressed somewhat by increased strike activity in several industries. Large employment increases took place within the service-producing industries, but they were partially countered by declines in the goods-producing industries, stemming primarily from increased strike activity in manufacturing and construction. Increases in employment from June to July occurred in 55 percent of all industries, compared with a recession low of only 17 percent last February.

Within the goods-producing industries in July, employment in contract construction declined by 45,000, but this was entirely due to increased strike activity. This followed a decline of 70,000 (as revised) in the previous month. Since attaining a peak level of 4.1 million in February 1974, employment in this industry has receded by 765,000.

Manufacturing employment was down slightly to 18.0 million, with most of the decline taking place among the durable goods industries. Employment reductions totaled 35,000 each in the primary metals and machinery industries. Within the nondurable goods sector, small increases were posted in the food and apparel industries. Total manufacturing payroll jobs in July were 2.3 million below the pre-recession high attained in December 1973; most of this curtailment has occurred since last September.

Employment growth in the service-producing industries was registered in retail trade (55,000), services (65,000), and State and local government (25,000). Since last October's peak, total payroll employment decreased by 2.5 million, virtually all of it taking place in the goods-producing industries.

Hours of work

The average workweek for all production or non-supervisory workers on nonfarm payrolls edged up one-tenth of an hour in July to 36.1 hours, seasonally adjusted. Average weekly hours had held at the 36.0 level for 3 consecutive months, following a sharp drop beginning last fall. Average weekly hours remained 0.6 hour below the year-earlier level.

Average hours in manufacturing rose 0.4 hour to 39.5 hours in July, following a rise of 0.1 hour in the previous month. The July level was 0.7 hour above the recession low of 38.8 hours reached in February and March but was still 1.4 hours below the pre-recession peak of early 1973. Factory overtime rose 0.2 hour to 2.6 hours in July, but was down 0.8 hour from a year ago and 1.5 hours since the April 1973 peak.

Total worker-hours of private nonfarm production or nonsupervisory employees were about unchanged in July at 105.5 (1967=100). Since last July, the index of production worker-hours has fallen by 6.9 percent. Factory worker-hours rose by 0.3 percent in July to 87.0. This marked the fourth consecutive month that the factory index has increased, a reversal of a downward trend which began in late 1973.

Hourly and weekly earnings

Average hourly earnings of production or non-supervisory workers on private nonagricultural payrolls rose 0.4 percent in July and 6.9 percent from a year ago (seasonally adjusted). Average weekly earnings increased 0.7 percent over the month. Since July 1974, weekly earnings have risen by 5.1 percent.

Before adjustment for seasonality, average hourly earnings rose 1 cent in July to \$4.51 and were up 29 cents from a year ago. Average weekly earnings were \$164.62, an increase of \$1.27 from June and \$8.06 from last July.

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 172.0 (1967=100) in July, 0.2 percent higher than in June. The index was 8.4 percent above July a year ago. During the 12-month period ended in June, the Hourly Earnings Index in dollars of constant purchasing power declined 0.7 percent.

CHARTS

Page

1.	Labor force and employment, 1956-75	6
2.	Major unemployment indicators, 1956-75	7
3.	Payroll employment in goods - and service-producing industries, 1956-75	7
4.	Nonagricultural payroll employment by industry, 1956-75	8
5.	Total employment by age and sex, 1956-75	9
6.	Persons at work full and part time in nonagricultural industries, 1956-75	10
7.	Employment in nonfarm occupations, 1958-75	11
8.	Duration of unemployment, 1956-75	12
9.	Unemployment rates by age and sex, 1956-75	13
10.	Unemployment rates by color, 1956-75	13
11.	Unemployment rates by major occupational groups, 1958-75	14
12.	Average weekly hours in nonagricultural industries, 1956-75	15
13.	Labor turnover rates in manufacturing, 1956-75	15
14.	Average weekly earnings in nonagricultural industries, 1956-75	16
15.	Total private gross and spendable weekly earnings, 1956-75	16

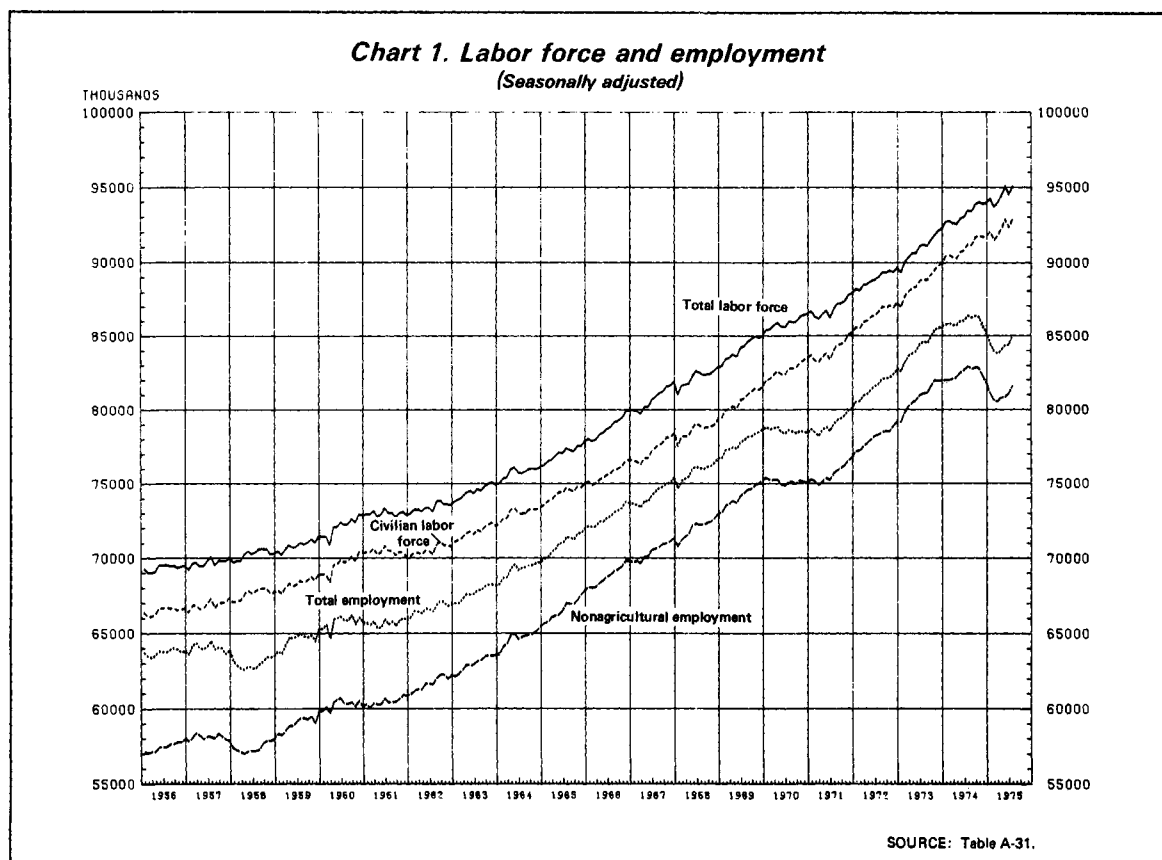
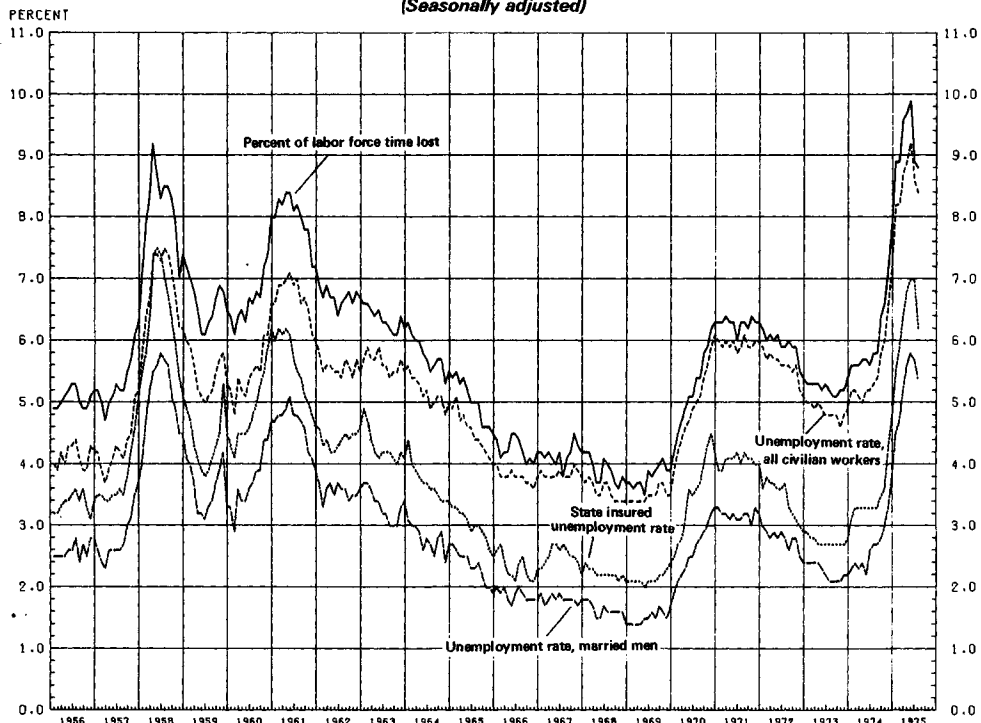
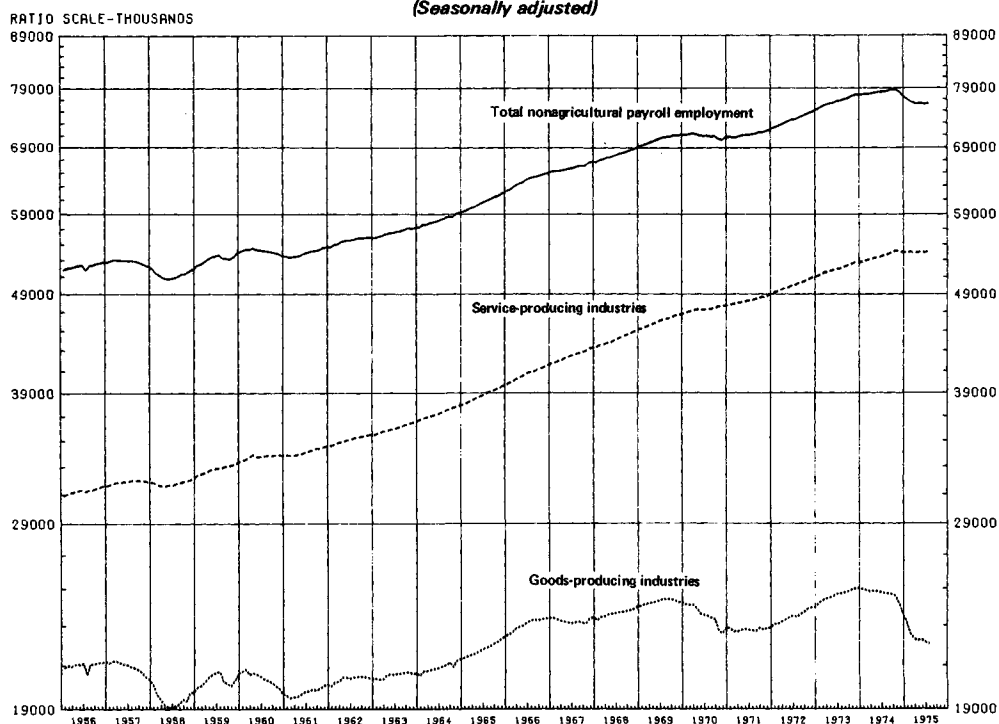


Chart 2. Major unemployment indicators
(Seasonally adjusted)



SOURCE: Table A-34.

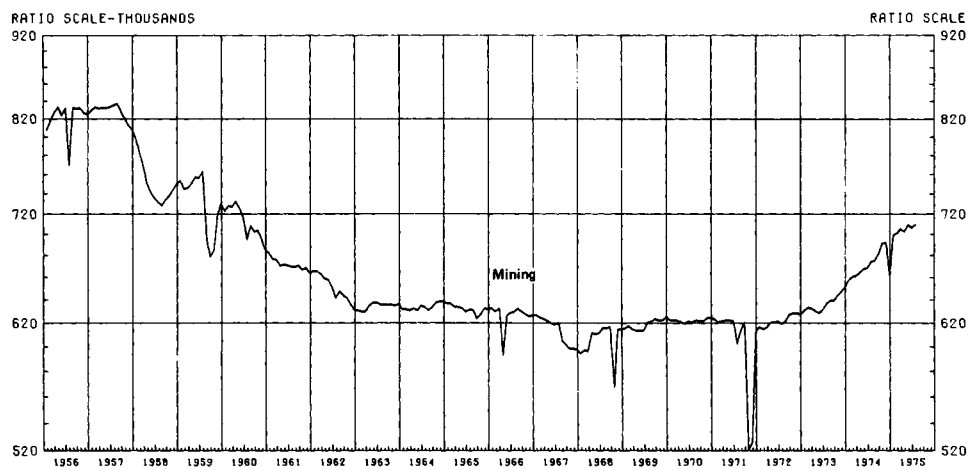
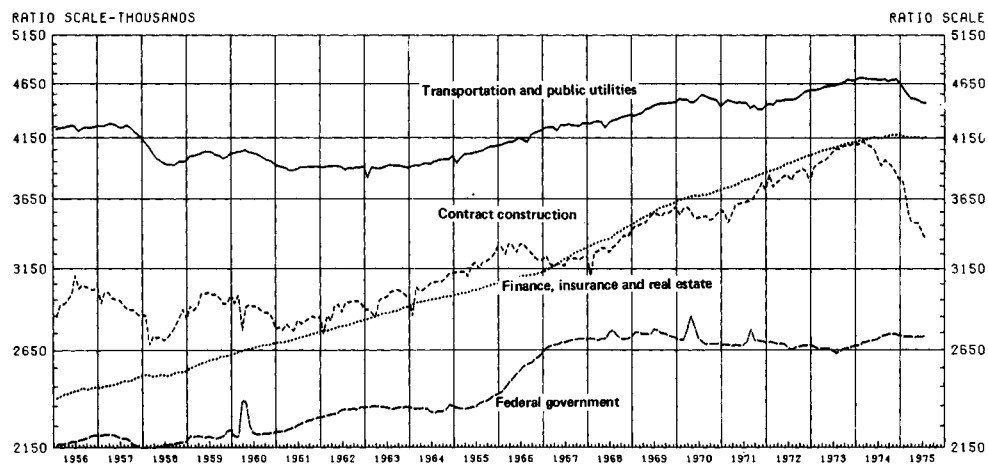
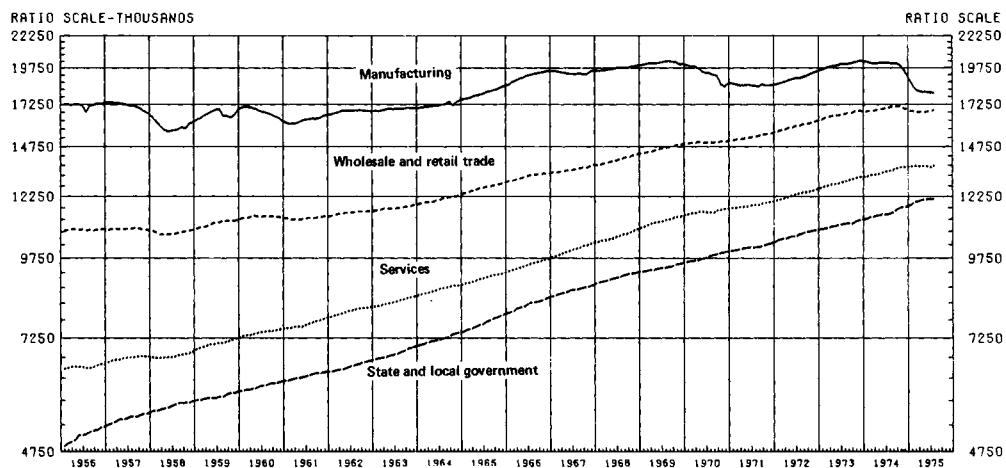
Chart 3. Payroll employment in goods- and service-producing industries
(Seasonally adjusted)



NOTE: Data for two most recent months are preliminary.

SOURCE: Table B-5.

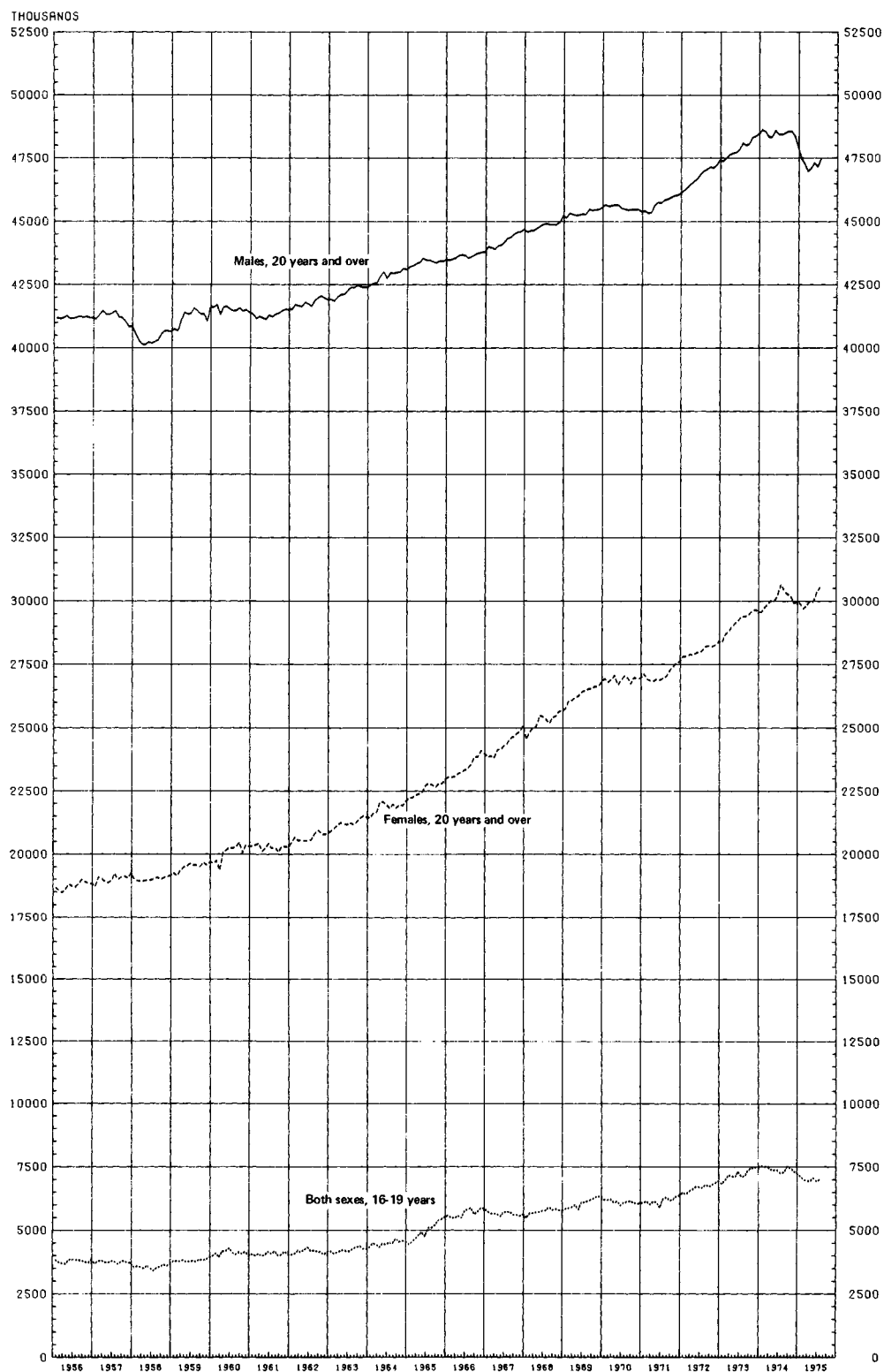
Chart 4. Nonagricultural payroll employment by industry
(Seasonally adjusted)



NOTE: Data for two most recent months are preliminary.

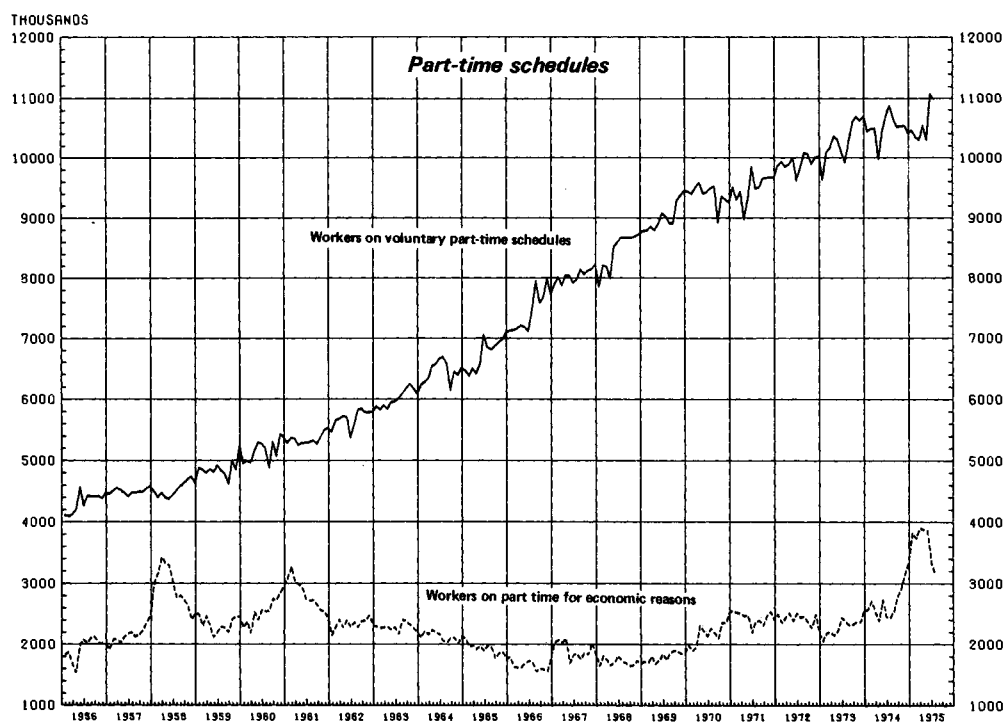
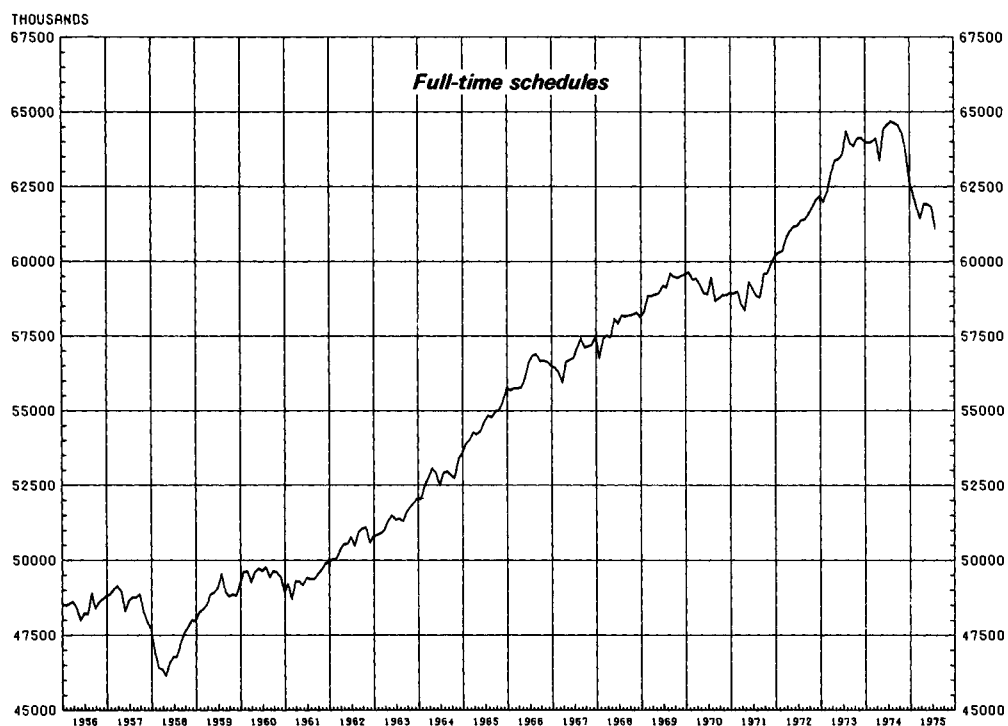
SOURCE: Table B-5.

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



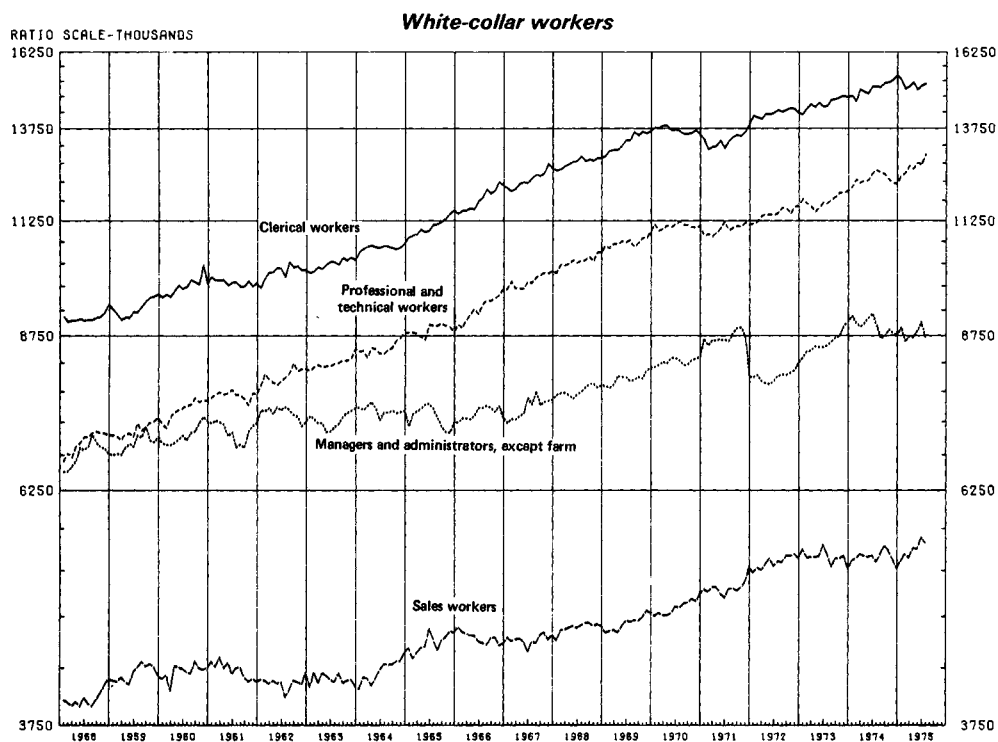
SOURCE: Table A-31.

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



SOURCE: Table A-39.

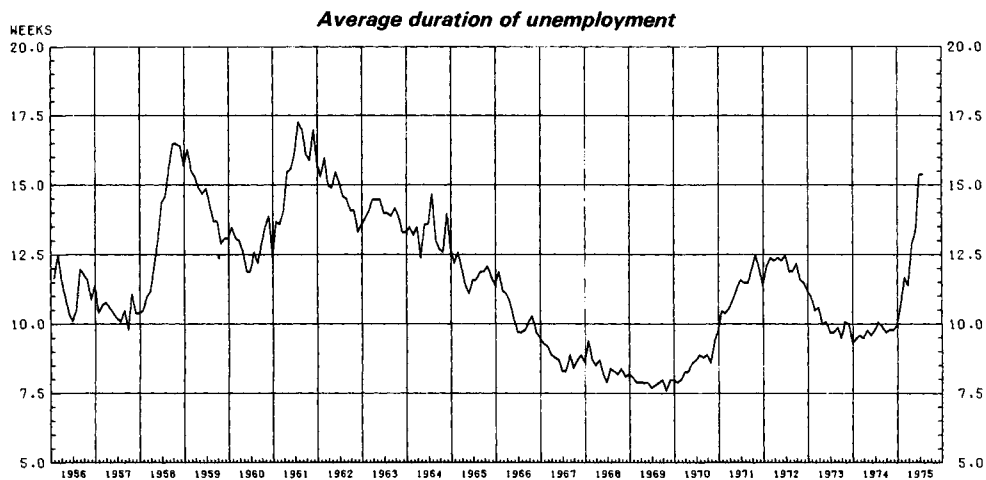
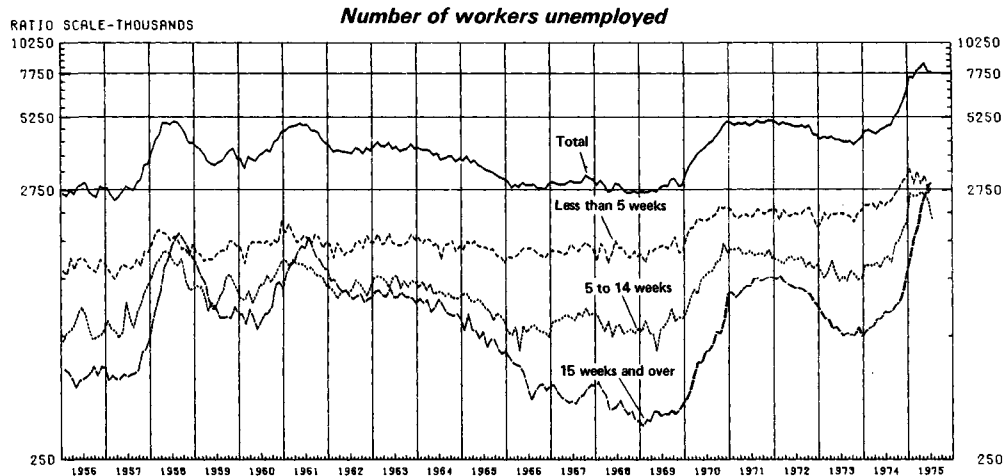
Chart 7. Employment in nonfarm occupations
(Seasonally adjusted)



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.

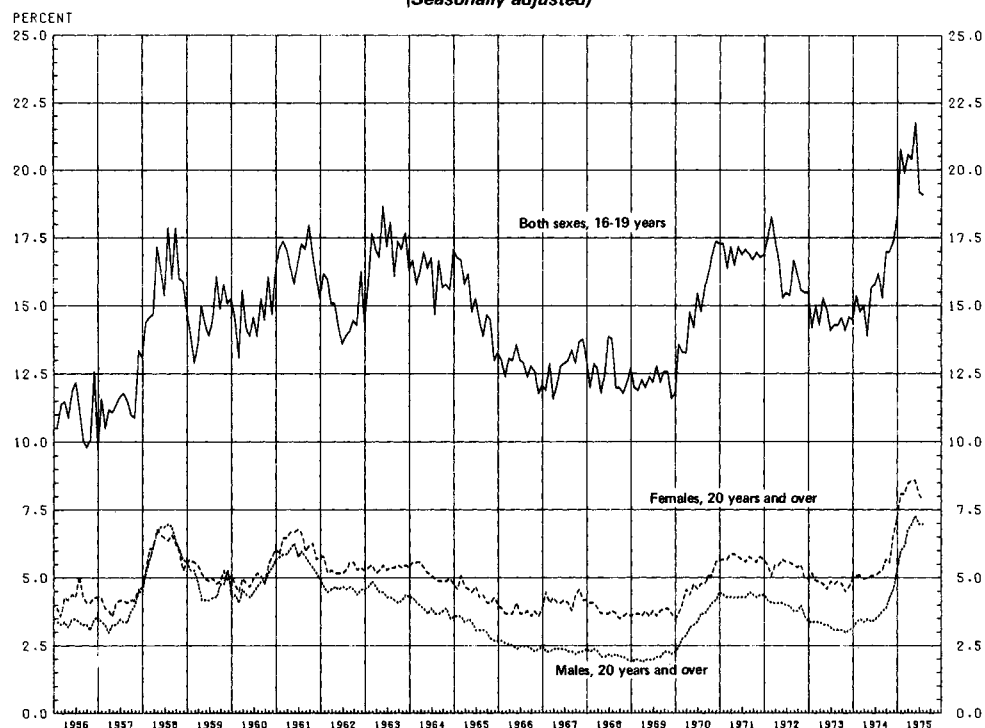
SOURCE: Table A-39.

Chart 8. Duration of unemployment
(Seasonally adjusted)



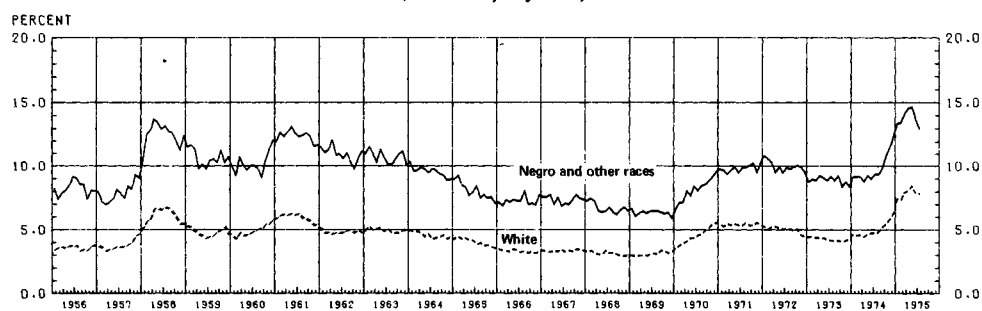
SOURCE: Table A-35.

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

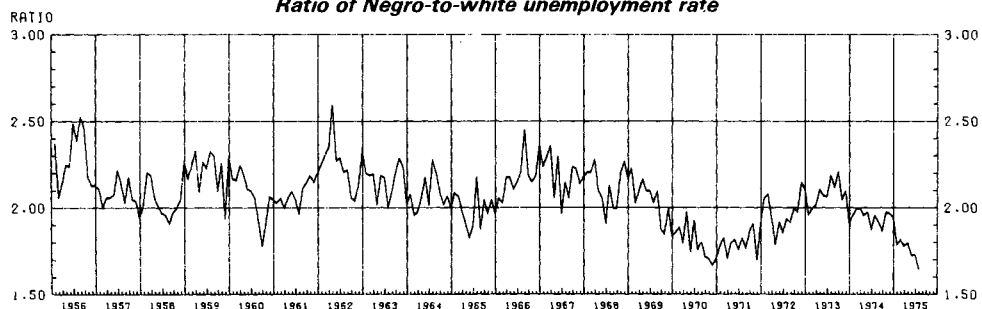


SOURCE: Table A-34.

Chart 10. Unemployment rates by color
(Seasonally adjusted)

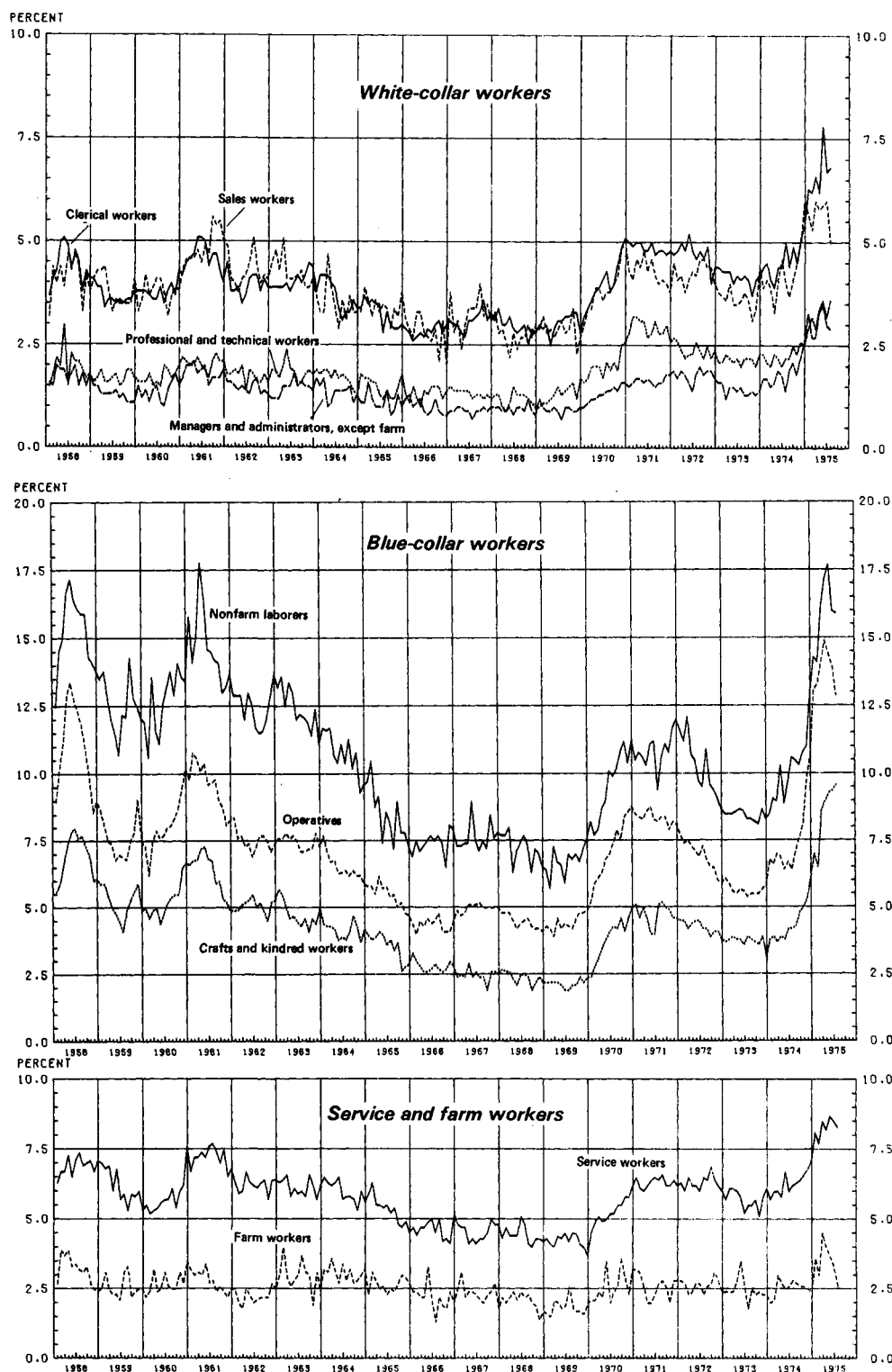


Ratio of Negro-to-white unemployment rate



SOURCE: Table A-33.

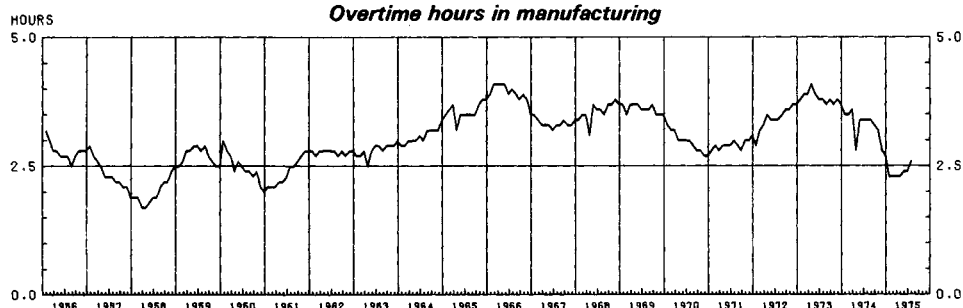
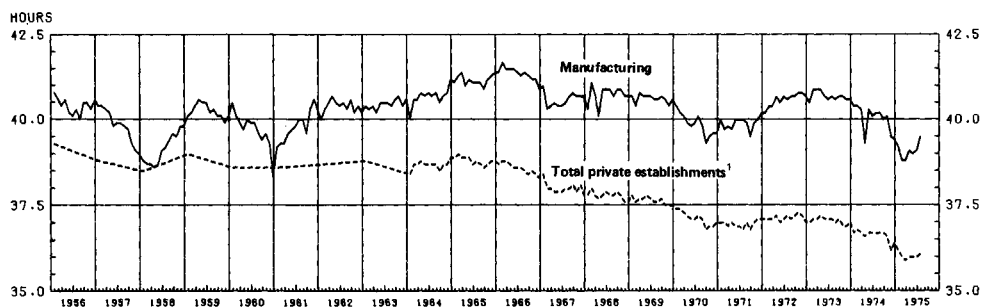
Chart 11. Unemployment rates by major occupational groups
(Seasonally adjusted)



SOURCE: Table A-34.

Chart 12. Average weekly hours in nonagricultural industries

(Seasonally adjusted)



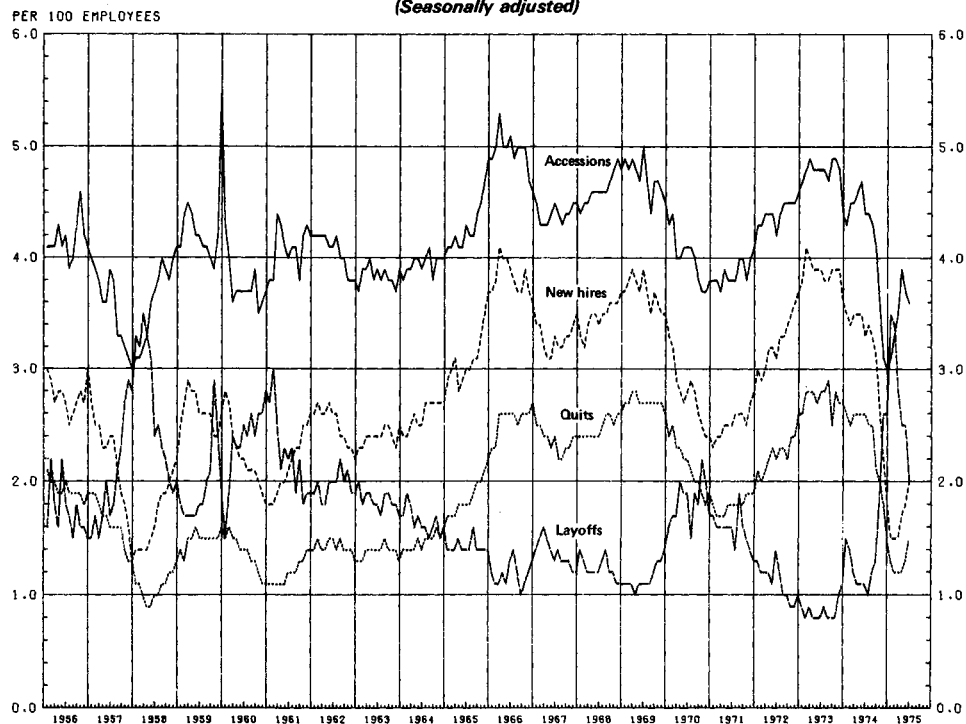
¹ Annual averages prior to 1964.

NOTE: Data for two most recent months are preliminary.

SOURCE: Table C-7.

Chart 13. Labor turnover rates in manufacturing

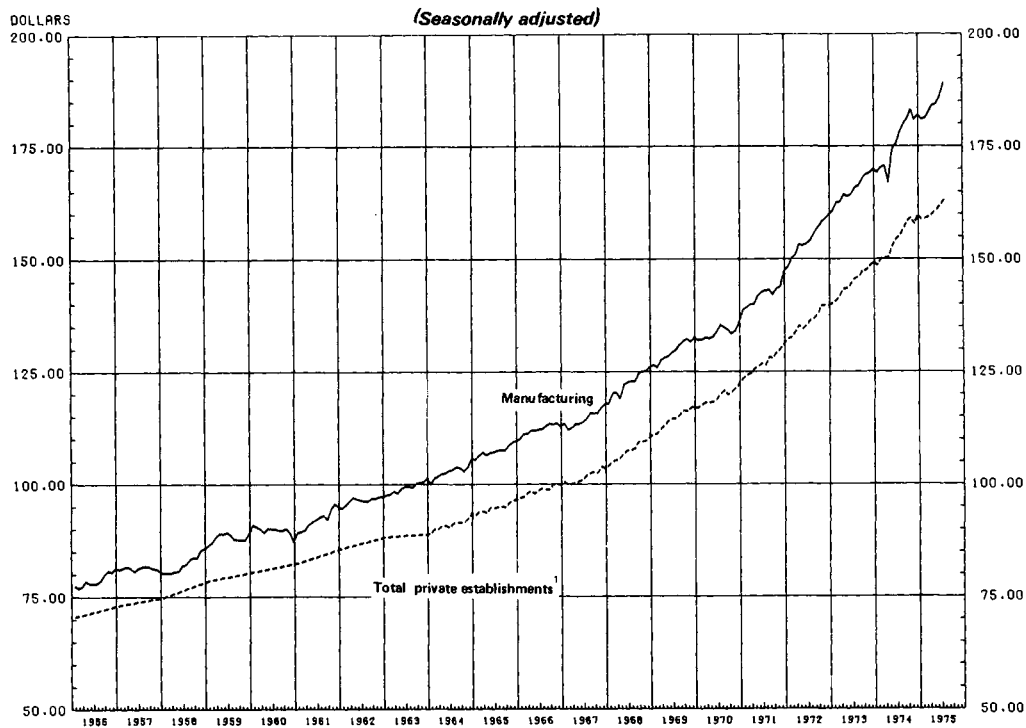
(Seasonally adjusted)



NOTE: Data for current month are preliminary.

SOURCE: Table D-3.

Chart 14. Average weekly earnings in nonagricultural industries

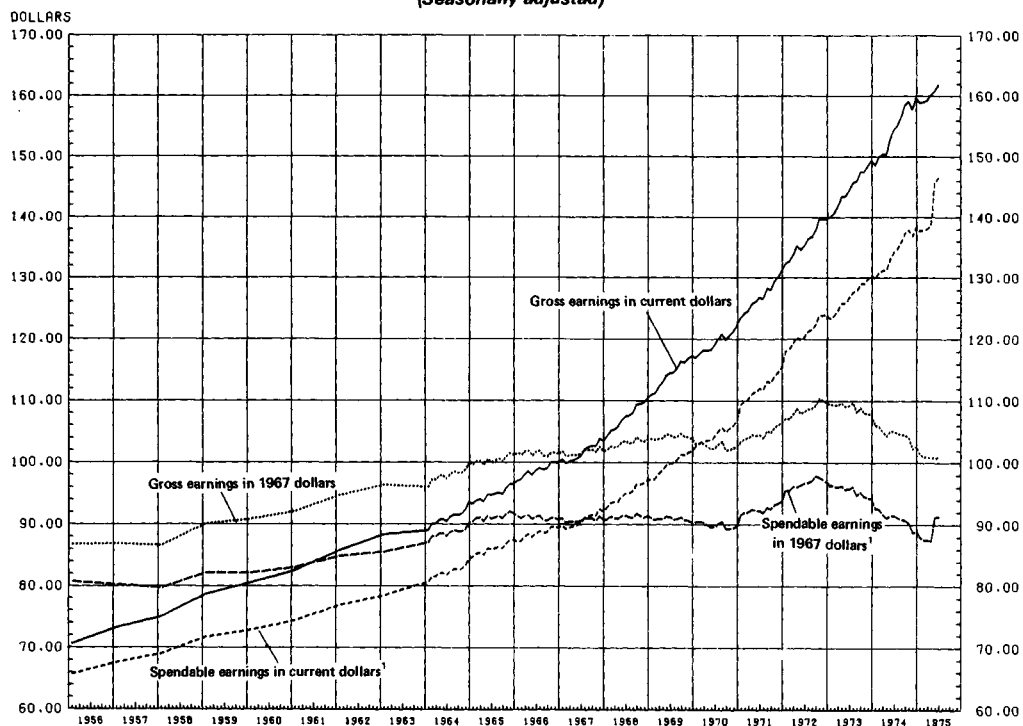


¹ Annual averages prior to 1964.

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



¹ 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

(Numbers in thousands)

Year and month	Total noninsti- tutional popula- tion	Total labor force		Civilian labor force							Not in labor force
		Number	Percent of popu- lation	Total	Employed			Unemployed			
					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	57,038	7,890	49,148	2,311	3.9	-	42,477
1948.....	104,527	62,080	59.4	60,621	58,343	7,629	50,714	2,276	3.8	-	42,447
1949.....	105,611	62,903	59.6	61,286	57,651	7,658	49,993	3,637	5.9	-	42,708
1950.....	106,645	63,858	59.9	62,208	58,918	7,160	51,758	3,288	5.3	-	42,787
1951.....	107,721	65,117	60.4	62,017	59,961	6,726	53,235	2,055	3.3	-	42,604
1952.....	108,823	65,730	60.4	62,138	60,250	6,500	53,749	1,883	3.0	-	43,093
1953 ²	110,601	66,560	60.2	63,015	61,179	6,260	54,919	1,834	2.9	-	44,041
1954.....	111,671	66,993	60.0	63,643	60,109	6,205	53,904	3,532	5.5	-	44,678
1955.....	112,732	68,072	60.4	65,023	62,170	6,450	55,722	2,852	4.4	-	44,660
1956.....	113,811	69,409	61.0	66,552	63,799	6,283	57,514	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 ²	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 ²	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 ²	145,775	88,991	61.0	86,542	81,702	3,472	78,230	4,840	5.6	-	56,785
1973 ²	148,263	91,040	61.4	88,714	84,409	3,452	80,957	4,304	4.9	-	57,222
1974.....	150,827	93,240	61.8	91,011	85,936	3,492	82,443	5,076	5.6	-	57,587
1975: July.....	150,922	95,496	63.3	93,276	88,015	4,024	83,991	5,260	5.6	5.3	55,426
1975: January.....	152,230	93,342	61.3	91,149	82,969	2,888	80,082	8,180	9.0	8.2	58,888
1975: February.....	152,445	93,111	61.1	90,913	82,604	2,890	79,714	8,309	9.1	8.2	59,333
1975: March.....	152,646	93,593	61.3	91,395	83,036	2,988	80,048	8,359	9.1	8.7	59,053
1975: April.....	152,840	93,564	61.2	91,369	83,549	3,171	80,377	7,820	8.6	8.9	59,276
1975: May.....	153,051	93,949	61.4	91,768	84,146	3,622	80,524	7,623	8.3	9.2	59,101
1975: June.....	153,278	96,191	62.8	94,013	85,444	3,869	81,575	8,569	9.1	8.6	57,087
1975: July.....	153,585	97,046	63.2	94,859	86,650	4,090	82,560	8,209	8.7	8.4	56,540

¹ Not available² 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

18

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

(Numbers 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	Agri-culture	Nonagri-cultural industries	Number	Percent of labor force		
									Not seasonally adjusted	Seasonally adjusted	
MALES											
1947.....	50,968	44,258	86.8	42,686	40,995	6,643	34,352	1,692	4.0	-	6,710
1948.....	51,439	44,729	87.0	43,286	41,725	6,358	35,367	1,559	3.6	-	6,710
1949.....	51,922	45,097	86.9	43,498	40,925	6,343	34,583	2,572	5.9	-	6,825
1950.....	52,352	45,446	86.8	43,819	41,578	6,002	35,576	2,239	5.1	-	6,906
1951.....	52,788	46,063	87.3	43,001	41,780	5,534	36,246	1,221	2.8	-	6,725
1952.....	53,248	46,416	87.2	42,869	41,682	5,390	36,293	1,185	2.8	-	6,832
1953 ¹	54,248	47,131	86.9	43,633	42,430	5,253	37,177	1,202	2.8	-	7,117
1954.....	54,706	47,275	86.4	43,965	41,619	5,200	36,418	2,344	5.3	-	7,431
1955.....	55,122	47,488	86.2	44,475	42,621	5,265	37,356	1,854	4.2	-	7,634
1956.....	55,547	47,914	86.3	45,091	43,379	5,040	38,339	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 ¹	58,144	48,870	84.0	46,388	43,904	4,472	39,431	2,486	5.4	-	9,274
1961.....	58,826	49,193	83.6	46,653	43,656	4,298	39,359	2,997	6.4	-	9,633
1962.....	59,626	49,395	82.8	46,600	44,177	4,069	40,108	2,423	5.2	-	10,211
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	-	11,159
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	-	11,909
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 ¹	69,864	55,671	79.7	53,265	50,630	2,839	47,791	2,635	4.9	-	14,193
1973 ¹	71,020	56,479	79.5	54,203	51,963	2,833	49,130	2,240	4.1	-	14,541
1974.....	72,253	57,349	79.4	55,186	52,519	2,901	49,618	2,668	4.8	-	14,904
1975: April.....	73,202	57,086	78.0	54,978	50,407	2,703	47,705	4,571	8.3	8.3	16,116
May.....	73,299	57,340	78.2	55,246	50,954	2,946	48,008	4,291	7.8	8.5	15,959
June.....	73,407	58,984	80.4	56,893	52,098	3,135	48,962	4,795	8.4	8.1	14,423
July.....	73,546	59,678	81.1	57,578	53,000	3,248	49,752	4,579	8.0	8.1	13,868
FEMALES											
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	16,617	1,271	15,346	717	4.1	-	35,737
1949.....	53,689	17,806	33.2	17,788	16,723	1,315	15,409	1,065	6.0	-	35,883
1950.....	54,293	18,412	33.9	18,389	17,340	1,159	16,181	1,049	5.7	-	35,881
1951.....	54,933	19,054	34.7	19,016	18,181	1,193	16,988	834	4.4	-	35,879
1952.....	55,575	19,314	34.8	19,269	18,568	1,111	17,458	698	3.6	-	36,261
1953 ¹	56,353	19,429	34.5	19,382	18,749	1,006	17,743	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	19,551	1,184	18,366	998	4.9	-	37,026
1956.....	58,264	21,495	36.9	21,461	20,419	1,244	19,175	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 ¹	61,615	23,272	37.8	23,240	21,874	986	20,887	1,366	5.9	-	38,342
1961.....	62,517	23,838	38.1	23,806	22,090	902	21,187	1,717	7.2	-	38,679
1962 ¹	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 ¹	75,911	33,320	43.9	33,277	31,072	633	30,439	2,205	6.6	-	42,591
1973 ¹	77,242	34,561	44.7	34,510	32,446	619	31,827	2,064	6.0	-	42,681
1974.....	78,575	35,892	45.7	35,825	33,417	592	32,825	2,408	6.7	-	42,683
1975: April.....	79,638	36,478	45.8	36,391	33,142	469	32,673	3,249	8.9	9.7	43,160
May.....	79,751	36,609	45.9	36,523	33,192	675	32,516	3,331	9.1	10.2	43,142
June.....	79,871	37,207	46.6	37,120	33,347	734	32,613	3,774	10.2	9.2	42,664
July.....	80,039	37,368	46.7	37,281	33,650	842	32,809	3,631	9.7	9.0	42,671

¹ See footnote 2, table A-1.

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

[Numbers in thousands]

Sex, age, and color	July 1975										
	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					
MALES											
16 years and over	59,678	81.1	57,578	53,000	4,579	8.0	13,868	266	965	1,831	10,806
16 to 21 years	10,180	81.6	9,409	7,676	1,733	18.4	2,299	26	495	44	1,733
16 to 19 years	6,521	77.5	6,146	4,939	1,208	19.7	1,898	21	345	13	1,519
16 to 17 years	2,876	67.9	2,838	2,238	600	21.1	1,359	16	195	5	1,142
18 to 19 years	3,645	87.1	3,309	2,701	608	18.4	538	5	149	7	377
20 to 64 years	51,216	90.9	49,491	46,212	3,279	6.6	5,124	121	621	1,286	3,096
20 to 24 years	8,689	91.0	7,900	6,788	1,112	14.1	859	8	357	59	434
25 to 54 years	35,550	94.6	34,617	32,719	1,899	5.5	2,020	71	256	655	1,038
25 to 29 years	7,909	95.0	7,542	6,928	615	8.1	413	5	169	48	191
30 to 34 years	6,603	96.5	6,365	6,025	340	5.3	241	23	35	60	122
35 to 39 years	5,409	96.3	5,210	4,965	244	4.7	209	8	22	77	101
40 to 44 years	5,167	95.3	5,076	4,858	218	4.3	255	7	12	98	139
45 to 49 years	5,318	93.9	5,289	5,042	248	4.7	347	13	9	143	182
50 to 54 years	5,144	90.3	3,135	4,900	235	4.6	555	14	9	229	303
55 to 64 years	6,976	75.7	6,974	6,707	267	3.8	2,245	42	8	572	1,624
55 to 59 years	4,170	84.0	4,168	4,028	140	3.4	794	18	4	296	476
60 to 64 years	2,806	65.9	2,806	2,678	128	4.5	1,451	24	3	276	1,148
65 years and over	1,941	22.1	1,941	1,849	92	4.8	6,847	124	--	532	6,191
65 to 69 years	1,132	32.4	1,132	1,062	70	6.2	2,368	30	--	183	2,155
70 years and over	809	15.3	809	786	22	2.8	4,479	94	--	349	4,036
White											
16 years and over	53,298	81.8	51,542	47,836	3,707	7.2	11,871	216	706	1,496	9,453
16 to 21 years	8,942	83.6	8,313	6,931	1,382	16.6	1,755	21	339	29	1,366
16 to 19 years	5,739	79.8	5,432	4,467	965	17.8	1,451	17	218	7	1,209
16 to 17 years	2,535	70.4	2,502	2,035	467	18.7	1,068	12	126	2	928
18 to 19 years	3,204	89.3	2,930	2,432	499	17.0	383	5	93	5	281
20 to 64 years	45,786	91.5	44,337	41,678	2,659	6.0	4,246	86	488	1,065	2,608
20 to 24 years	7,643	92.1	6,998	6,102	896	12.8	651	5	281	48	318
25 to 54 years	31,763	95.2	30,962	29,432	1,529	4.9	1,616	51	202	540	824
25 to 34 years	12,887	96.1	12,370	11,611	758	6.1	530	24	168	94	244
35 to 44 years	9,418	96.3	9,167	8,788	379	4.1	361	9	22	143	188
45 to 54 years	9,459	92.9	9,425	9,032	393	4.2	726	18	12	303	393
55 to 64 years	6,379	76.3	6,377	6,144	233	3.7	1,978	31	5	476	1,466
55 to 59 years	3,809	84.6	3,807	3,683	125	3.3	694	15	2	252	425
60 to 64 years	2,570	66.7	2,569	2,461	109	4.2	1,285	16	3	224	1,041
65 years and over	1,773	22.3	1,773	1,691	82	4.6	6,173	112	--	425	5,636
Negro and other races											
16 years and over	6,380	76.2	6,036	5,164	872	14.4	1,997	50	260	335	1,353
16 to 21 years	1,238	69.5	1,096	745	351	32.0	544	5	157	16	367
16 to 19 years	782	63.7	714	472	242	33.9	446	4	126	6	310
16 to 17 years	341	54.0	336	203	133	39.6	291	4	70	3	214
18 to 19 years	441	74.0	378	269	109	28.9	155	--	57	3	96
20 to 64 years	5,430	86.1	5,154	4,535	619	12.0	877	34	133	222	488
20 to 24 years	1,046	83.4	901	686	216	23.9	208	4	76	12	116
25 to 54 years	3,787	90.4	3,655	3,286	370	10.1	403	20	55	115	213
25 to 34 years	1,625	92.9	1,537	1,341	196	12.8	124	4	36	14	69
35 to 44 years	1,159	91.8	1,118	1,035	83	7.5	103	7	12	32	52
45 to 54 years	1,003	85.1	1,000	910	90	9.0	176	9	6	69	92
55 to 64 years	597	69.2	597	563	34	5.7	266	11	2	95	158
55 to 59 years	361	78.3	361	346	15	4.2	100	3	2	44	51
60 to 64 years	236	58.7	236	217	19	8.0	166	7	--	51	107
65 years and over	168	19.9	168	157	11	6.3	674	12	--	107	555

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

[Numbers in thousands]

Sex, age, and color	July 1975										
	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					
FEMALES											
16 years and over	37,368	46.7	37,281	33,650	3,631	9.7	42,671	35,440	1,099	1,103	5,030
16 to 21 years	7,595	62.1	7,550	6,188	1,363	18.0	4,639	1,947	769	25	1,899
16 to 19 years	4,952	60.1	4,931	3,962	969	19.6	3,292	1,090	501	11	1,690
16 to 17 years	2,106	51.2	2,106	1,679	427	20.3	2,006	432	294	5	1,275
18 to 19 years	2,846	68.9	2,825	2,283	542	19.2	1,286	658	206	6	415
20 to 64 years	31,387	53.0	31,321	28,706	2,615	8.3	27,888	24,873	587	451	1,976
20 to 24 years	6,302	66.1	6,257	5,426	831	13.3	3,237	2,473	378	23	364
25 to 54 years	20,909	53.1	20,888	19,326	1,562	7.5	18,470	16,895	202	259	1,114
25 to 29 years	4,711	55.5	4,698	4,172	525	11.2	3,774	3,458	103	34	180
30 to 34 years	3,501	49.6	3,497	3,201	297	8.5	3,556	3,277	42	32	205
35 to 39 years	3,109	52.4	3,107	2,915	192	6.2	2,820	2,566	20	26	208
40 to 44 years	3,088	54.2	3,087	2,906	181	5.9	2,608	2,374	10	42	182
45 to 49 years	3,280	54.4	3,280	3,075	205	6.2	2,752	2,520	20	51	162
50 to 54 years	3,221	52.1	3,220	3,058	162	5.0	2,960	2,700	7	76	177
55 to 64 years	4,175	40.3	4,175	3,953	222	5.3	6,181	5,506	7	169	499
55 to 59 years	2,548	46.5	2,548	2,424	124	4.9	2,926	2,637	5	72	212
60 to 64 years	1,627	33.3	1,627	1,530	98	6.0	3,254	2,868	2	97	287
65 years and over	1,029	8.2	1,029	982	47	4.6	11,491	9,477	11	640	1,364
65 to 69 years	632	14.3	632	594	38	6.0	3,799	3,294	8	90	407
70 years and over	398	4.9	398	388	9	2.4	7,692	6,183	3	549	957
White											
16 years and over	32,419	46.2	32,347	29,434	2,913	9.0	37,819	31,729	838	885	4,366
16 to 21 years	6,640	63.9	6,603	5,539	1,065	16.1	3,755	1,575	590	17	1,573
16 to 19 years	4,327	61.9	4,310	3,558	752	17.5	2,664	863	388	8	1,406
16 to 17 years	1,839	52.9	1,839	1,486	353	19.2	1,640	336	228	3	1,074
18 to 19 years	2,488	70.8	2,471	2,072	399	16.2	1,024	527	160	5	333
20 to 64 years	27,164	52.4	27,109	24,992	2,117	7.8	24,671	22,153	439	346	1,734
20 to 24 years	5,489	67.4	5,451	4,796	656	12.0	2,660	2,060	285	18	297
25 to 54 years	17,957	52.3	17,939	16,670	1,269	7.1	16,390	15,064	149	193	984
25 to 34 years	6,931	51.6	6,917	6,276	641	9.3	6,508	6,011	109	57	330
35 to 44 years	5,282	52.4	5,280	4,978	302	5.7	4,791	4,380	17	45	349
45 to 54 years	5,743	53.0	5,742	5,416	326	5.7	5,092	4,674	23	91	305
55 to 64 years	3,718	39.8	3,718	3,526	192	5.2	5,621	5,028	5	135	454
55 to 59 years	2,253	45.7	2,253	2,145	108	4.8	2,683	2,431	3	53	196
60 to 64 years	1,465	33.3	1,465	1,381	84	5.7	2,939	2,597	1	83	258
65 years and over	928	8.1	928	884	44	4.7	10,483	8,714	11	532	1,226
Negro and other races											
16 years and over	4,949	50.5	4,934	4,216	718	14.5	4,853	3,711	261	217	664
16 to 21 years	955	51.9	947	649	298	31.5	884	372	178	8	326
16 to 19 years	625	49.9	621	405	217	34.9	628	227	113	4	284
16 to 17 years	267	42.2	267	193	74	27.7	366	97	67	2	201
18 to 19 years	358	57.7	354	211	143	40.3	262	131	46	2	83
20 to 64 years	4,223	56.8	4,212	3,714	498	11.8	3,216	2,720	148	106	242
20 to 24 years	813	58.5	805	630	175	21.7	578	412	92	5	67
25 to 54 years	2,952	58.7	2,949	2,656	293	9.9	2,080	1,829	53	67	130
25 to 34 years	1,280	60.9	1,278	1,096	181	14.2	822	724	36	8	54
35 to 44 years	914	58.9	914	843	71	7.7	638	560	13	23	42
45 to 54 years	758	55.0	758	717	41	5.4	620	546	4	36	34
55 to 64 years	457	45.0	457	427	30	6.6	559	478	3	33	45
55 to 59 years	295	54.8	295	279	16	5.4	243	207	2	19	16
60 to 64 years	162	34.0	162	148	14	8.6	316	272	1	14	29
65 years and over	101	9.1	101	98	3	3.3	1,009	763	--	108	138

A-4. Labor force by sex, age, and color

Sex, age, and color	Total labor force				Civilian labor force			
	Thousands of persons		Participation rates		Thousands of persons		Participation rates	
	July 1974	July 1975	July 1974	July 1975	July 1974	July 1975	July 1974	July 1975
MALES								
16 years and over	59,035	59,678	81.7	81.1	56,876	57,578	81.1	80.6
16 to 19 years	6,516	6,521	78.3	77.5	6,154	6,146	77.4	76.4
16 to 17 years	2,954	2,876	69.7	67.9	2,921	2,838	69.5	67.6
18 to 19 years	3,562	3,645	87.3	87.1	3,234	3,309	86.2	86.0
20 to 24 years	8,531	8,689	91.8	91.0	7,675	7,900	91.0	90.2
25 to 54 years	35,099	35,550	94.8	94.6	34,161	34,617	94.7	94.5
25 to 34 years	14,045	14,512	96.2	95.7	13,448	13,907	96.1	95.5
35 to 44 years	10,578	10,577	95.8	95.8	10,276	10,285	95.7	95.7
45 to 54 years	10,477	10,462	92.1	92.1	10,437	10,425	92.0	92.0
55 to 64 years	6,966	6,976	76.7	75.7	6,964	6,974	76.7	75.7
55 to 59 years	4,122	4,170	84.9	84.0	4,120	4,168	84.9	84.0
60 to 64 years	2,844	2,806	67.2	65.9	2,844	2,806	67.2	65.9
65 years and over	1,922	1,941	22.4	22.1	1,922	1,941	22.4	22.1
White								
16 years and over	52,773	53,298	82.2	81.8	50,937	51,542	81.7	81.3
16 to 19 years	5,693	5,739	79.9	79.8	5,393	5,432	79.0	78.9
16 to 17 years	2,592	2,535	71.7	70.4	2,563	2,502	71.5	70.1
18 to 19 years	3,100	3,204	88.3	89.3	2,830	2,930	87.4	88.4
20 to 24 years	7,480	7,643	92.4	92.1	6,759	6,998	91.7	91.5
25 to 54 years	31,459	31,763	95.5	95.2	30,645	30,962	95.4	95.0
25 to 34 years	12,515	12,887	96.7	96.1	12,001	12,370	96.6	95.9
35 to 44 years	9,448	9,418	96.5	96.3	9,186	9,167	96.4	96.2
45 to 54 years	9,495	9,459	93.0	92.9	9,458	9,425	92.9	92.9
55 to 64 years	6,382	6,379	77.4	76.3	6,380	6,377	77.4	76.3
55 to 59 years	3,792	3,809	85.9	84.6	3,791	3,807	85.9	84.6
60 to 64 years	2,590	2,570	67.7	66.7	2,590	2,569	67.7	66.7
65 years and over	1,760	1,773	22.6	22.3	1,760	1,773	22.6	22.3
Negro and other races								
16 years and over	6,261	6,380	77.2	76.2	5,940	6,036	76.2	75.1
16 to 19 years	824	782	69.1	63.7	762	714	67.4	61.6
16 to 17 years	362	341	58.3	54.0	358	336	58.0	53.6
18 to 19 years	461	441	80.9	74.0	404	378	78.7	70.9
20 to 24 years	1,051	1,046	87.7	83.4	917	901	86.2	81.2
25 to 54 years	3,642	3,787	89.5	90.4	3,516	3,655	89.1	90.1
25 to 34 years	1,530	1,625	92.4	92.9	1,447	1,537	92.0	92.5
35 to 44 years	1,130	1,159	90.3	91.8	1,089	1,118	90.0	91.6
45 to 54 years	982	1,003	84.3	85.1	979	1,000	84.2	85.0
55 to 64 years	583	597	69.1	69.2	583	597	69.1	69.2
55 to 59 years	329	361	75.3	78.3	329	361	75.3	78.2
60 to 64 years	254	236	62.4	58.7	254	236	62.4	58.7
65 years and over	162	168	20.1	19.9	162	168	20.1	19.9

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

Sex, age, and color	Total labor force				Civilian labor force			
	Thousands of persons		Participation rates		Thousands of persons		Participation rates	
	July 1974	July 1975	July 1974	July 1975	July 1974	July 1975	July 1974	July 1975
FEMALES								
16 years and over	36,461	37,368	46.4	46.7	36,397	37,281	46.3	46.6
16 to 19 years	4,899	4,952	60.2	60.1	4,883	4,931	60.1	60.0
16 to 17 years	2,224	2,106	54.2	51.2	2,225	2,106	54.2	51.2
18 to 19 years	2,674	2,846	66.3	68.9	2,660	2,825	66.2	68.7
20 to 24 years	6,042	6,302	65.0	66.1	6,009	6,257	64.9	65.9
25 to 54 years	20,405	20,909	52.6	53.1	20,390	20,888	52.6	53.1
25 to 34 years	7,499	8,211	50.1	52.8	7,488	8,195	50.1	52.8
35 to 44 years	6,259	6,196	53.9	53.3	6,257	6,193	53.9	53.3
45 to 54 years	6,648	6,501	54.3	53.2	6,647	6,500	54.3	53.2
55 to 64 years	4,129	4,175	40.4	40.3	4,128	4,175	40.4	40.3
55 to 59 years	2,535	2,548	47.4	46.5	2,535	2,548	47.4	46.5
60 to 64 years	1,594	1,627	32.8	33.3	1,594	1,627	32.8	33.3
65 years and over	986	1,029	8.1	8.2	985	1,029	8.1	8.2
White								
16 years and over	31,631	32,419	45.7	46.2	31,577	32,347	45.7	46.1
16 to 19 years	4,290	4,327	62.0	61.9	4,277	4,310	61.9	61.8
16 to 17 years	1,941	1,839	55.7	52.9	1,941	1,839	55.7	52.9
18 to 19 years	2,349	2,488	68.3	70.8	2,337	2,471	68.2	70.7
20 to 24 years	5,221	5,489	65.6	67.4	5,194	5,451	65.4	67.2
25 to 54 years	17,542	17,957	51.7	52.3	17,528	17,939	51.7	52.3
25 to 34 years	6,327	6,931	48.8	51.6	6,318	6,917	48.7	51.5
35 to 44 years	5,328	5,282	52.8	52.4	5,326	5,282	52.8	52.4
45 to 54 years	5,885	5,743	54.1	53.0	5,884	5,742	54.1	53.0
55 to 64 years	3,702	3,718	40.1	39.8	3,702	3,718	40.1	39.8
55 to 59 years	2,270	2,253	46.9	45.7	2,270	2,253	46.9	45.6
60 to 64 years	1,431	1,465	32.7	33.3	1,431	1,465	32.7	33.3
65 years and over	876	928	7.9	8.1	876	928	7.9	8.1
Negro and other races								
16 years and over	4,830	4,949	51.0	50.5	4,822	4,934	51.0	50.4
16 to 19 years	609	625	50.1	49.9	607	621	50.0	49.7
16 to 17 years	283	267	45.6	42.2	283	267	45.6	42.2
18 to 19 years	325	358	54.7	57.7	323	354	54.6	57.5
20 to 24 years	821	813	61.8	58.5	816	805	61.7	58.2
25 to 54 years	2,865	2,952	58.8	58.7	2,863	2,949	58.8	58.6
25 to 34 years	1,171	1,280	59.1	60.9	1,170	1,278	59.1	60.9
35 to 44 years	931	914	60.7	58.9	931	914	60.7	58.9
45 to 54 years	762	758	56.2	55.0	762	758	56.2	55.0
55 to 64 years	427	457	43.2	45.0	427	457	43.2	45.0
55 to 59 years	264	295	51.9	54.8	264	295	51.9	54.8
60 to 64 years	163	162	34.0	34.0	163	162	34.0	34.0
65 years and over	109	101	10.3	9.1	109	101	10.3	9.1

A-5. Employment status of the noninstitutional population by sex, age, and color

[Numbers in thousands]

Employment status and color	Total		Males, 20 years and over		Females, 20 years and over		Both sexes, 16-19 years	
	July 1974	July 1975	July 1974	July 1975	July 1974	July 1975	July 1974	July 1975
TOTAL								
Total noninstitutional population	150,922	153,585	63,973	65,128	70,496	71,795	16,453	16,662
Total labor force	95,493	97,046	50,722	53,157	31,562	32,416	11,415	11,473
Percent of population	63.3	63.2	82.1	81.6	44.8	45.2	69.4	68.9
Civilian labor force	93,273	94,859	50,722	51,432	31,514	32,350	11,037	11,078
Employed	88,014	86,650	49,027	48,061	29,799	29,688	9,188	8,901
Agriculture	4,023	4,090	2,655	2,591	676	675	692	824
Nonagricultural industries	83,991	82,560	46,372	45,470	29,123	29,013	8,496	8,077
Unemployed	5,259	8,209	1,695	3,371	1,715	2,662	1,849	2,176
Percent of labor force	5.6	8.7	3.3	6.6	5.4	8.2	16.8	19.6
Not in labor force	55,426	56,540	11,454	11,971	38,934	39,379	5,038	5,190
White								
Total noninstitutional population	133,346	135,407	57,052	57,978	62,249	63,246	14,046	14,182
Total labor force	84,404	85,717	47,081	47,559	27,341	28,092	9,983	10,066
Percent of population	63.3	63.3	82.5	82.0	43.9	44.4	71.1	71.0
Civilian labor force	82,514	83,889	45,544	46,110	27,300	28,037	9,670	9,742
Employed	78,433	77,270	44,170	43,369	25,950	25,876	8,313	8,025
Agriculture	3,621	3,696	2,404	2,357	612	608	605	731
Nonagricultural industries	74,813	73,574	41,766	41,012	25,338	25,268	7,708	7,294
Unemployed	4,081	6,619	1,374	2,741	1,350	2,161	1,357	1,718
Percent of labor force	4.9	7.9	3.0	5.9	4.9	7.7	14.0	17.6
Not in labor force	48,942	49,690	9,971	10,419	34,908	35,154	4,063	4,116
Negro and other races								
Total noninstitutional population	17,575	18,179	6,921	7,149	8,247	8,549	2,408	2,481
Total labor force	11,092	11,329	5,438	5,598	4,222	4,324	1,432	1,407
Percent of population	63.1	62.3	78.6	78.3	51.2	50.6	59.5	56.7
Civilian labor force	10,762	10,970	5,178	5,322	4,215	4,313	1,369	1,335
Employed	9,582	9,380	4,857	4,692	3,849	3,812	876	877
Agriculture	403	394	251	234	64	67	88	93
Nonagricultural industries	9,179	8,986	4,605	4,458	3,785	3,745	788	784
Unemployed	1,180	1,590	321	630	366	501	493	459
Percent of labor force	11.0	14.5	6.2	11.8	8.7	11.6	36.0	34.4
Not in labor force	6,484	6,850	1,483	1,551	4,025	4,225	975	1,074

A-6. Employment status of the noninstitutional population 16-21 years of age by color and sex

[Numbers in thousands]

Employment status	July 1975								
	Total			White			Negro and other races		
	Both sexes	Males	Females	Both sexes	Males	Females	Both sexes	Males	Females
Total noninstitutional population	24,713	12,479	12,234	21,091	10,696	10,395	3,621	1,783	1,839
Total labor force	17,775	10,180	7,595	15,581	8,942	6,640	2,193	1,238	955
Percent of population	71.9	81.6	62.1	73.9	83.6	63.9	60.6	69.5	51.9
Civilian labor force	16,959	9,409	7,550	14,916	8,313	6,603	2,043	1,096	947
Employed	13,863	7,676	6,188	12,470	6,931	5,539	1,394	745	649
Agriculture	1,000	808	192	887	722	166	113	86	27
Nonagricultural industries	12,863	6,868	5,995	11,582	6,210	5,373	1,281	658	622
Unemployed	3,096	1,733	1,363	2,447	1,382	1,065	649	351	298
Percent of labor force	18.3	18.4	18.0	16.4	16.6	16.1	31.8	32.0	31.5
Looking for full-time work	2,405	1,391	1,014	1,891	1,108	783	515	283	231
Looking for part-time work	690	342	349	556	274	282	135	68	67
Not in labor force	6,938	2,299	4,639	5,510	1,755	3,755	1,428	544	884
MAJOR ACTIVITY: GOING TO SCHOOL									
Civilian labor force	368	156	212	288	114	174	80	42	38
Employed	241	103	137	200	80	120	41	23	17
Agriculture	—	—	—	—	—	—	—	—	—
Nonagricultural industries	241	103	137	200	80	120	40	23	17
Unemployed	127	53	75	88	34	54	39	18	21
Percent of labor force	34.6	33.9	35.2	30.7	30.1	31.0	48.9	(1)	(1)
Looking for full-time work	52	24	27	37	16	21	15	9	6
Looking for part-time work	76	28	47	51	19	33	24	10	15
Not in labor force	1,264	495	769	929	339	590	335	157	178
MAJOR ACTIVITY: OTHER									
Civilian labor force	16,591	9,253	7,338	14,628	8,199	6,429	1,963	1,054	909
Employed	13,623	7,573	6,050	12,270	6,852	5,418	1,353	721	632
Agriculture	1,002	808	194	890	722	168	113	87	26
Nonagricultural industries	12,620	6,765	5,856	11,380	6,130	5,250	1,240	635	606
Unemployed	2,968	1,680	1,288	2,358	1,348	1,011	610	333	278
Percent of labor force	17.9	18.2	17.6	16.1	16.4	15.7	31.1	31.6	30.5
Looking for full-time work	2,354	1,367	987	1,854	1,092	762	500	275	225
Looking for part-time work	615	313	302	504	255	249	110	58	53
Not in labor force	5,674	1,804	3,870	4,581	1,416	3,165	1,093	388	706

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

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

[Numbers in thousands]

Color, sex, and age	July 1975								
	Full-time labor force					Part-time labor force			
	Total	Employed		Unemployed (looking for full-time work)		Total	Employed on voluntary part time ¹	Unemployed (looking for part-time work)	
		Full- time schedules ¹	Part time for economic reasons	Number	Percent of full-time labor force			Number	Percent of part-time labor force
TOTAL									
Both sexes, 16 years and over	82,931	71,520	4,401	7,010	8.5	11,928	10,729	1,200	10.1
16 to 21 years	13,454	9,046	2,002	2,405	17.9	3,505	2,815	690	19.7
16 to 19 years	8,204	5,016	1,604	1,584	19.3	2,873	2,281	592	20.6
16 to 17 years	3,064	1,590	877	598	19.5	1,880	1,451	429	22.8
18 to 19 years	5,140	3,426	727	987	19.2	994	830	164	16.5
20 years and over	74,726	66,503	2,798	5,425	7.3	9,055	8,448	608	6.7
20 to 24 years	12,775	10,233	778	1,764	13.8	1,381	1,203	178	12.9
25 years and over	61,951	56,270	2,020	3,661	5.9	7,674	7,245	430	5.6
25 to 54 years	50,564	45,827	1,587	3,150	6.2	4,942	4,630	311	6.3
55 years and over	11,387	10,444	433	511	4.5	2,732	2,614	118	4.3
Males, 16 years and over	53,782	47,267	2,432	4,084	7.6	3,796	3,301	495	13.0
16 to 21 years	7,813	5,330	1,092	1,391	17.8	1,596	1,254	342	21.4
16 to 19 years	4,815	3,038	873	905	18.8	1,331	1,028	303	22.8
20 years and over	48,967	44,229	1,559	3,179	6.5	2,465	2,273	192	7.8
20 to 24 years	7,385	5,921	434	1,030	14.0	515	433	82	15.8
25 years and over	41,582	38,308	1,125	2,149	5.2	1,950	1,840	110	5.6
25 to 54 years	33,932	31,221	863	1,850	5.5	686	635	50	7.3
55 years and over	7,650	7,088	263	300	3.9	1,265	1,204	61	4.8
Females, 16 years and over	29,148	24,253	1,970	2,926	10.0	8,132	7,428	705	8.7
16 to 21 years	5,641	3,716	911	1,014	18.0	1,909	1,561	349	18.3
16 to 19 years	3,389	1,979	731	679	20.0	1,542	1,253	289	18.8
20 years and over	25,759	22,274	1,238	2,247	8.7	6,590	6,175	415	6.3
20 to 24 years	5,390	4,312	345	734	13.6	867	770	97	11.2
25 years and over	20,369	17,962	893	1,513	7.4	5,723	5,405	318	5.6
25 to 54 years	16,632	14,607	724	1,301	7.8	4,256	3,996	261	6.1
55 years and over	3,737	3,356	170	212	5.7	1,467	1,410	57	3.9
White									
Males, 16 years and over	48,242	42,861	2,074	3,307	6.9	3,300	2,901	399	12.1
16 to 21 years	6,947	4,884	955	1,108	16.0	1,367	1,093	274	20.0
16 to 19 years	4,281	2,795	760	726	17.0	1,152	912	240	20.8
20 years and over	43,962	40,067	1,314	2,582	5.9	2,148	1,989	159	7.4
20 to 24 years	6,557	5,354	380	823	12.5	441	367	74	16.7
25 years and over	37,405	34,713	934	1,759	4.7	1,707	1,622	85	5.0
25 to 54 years	30,392	28,171	725	1,495	4.9	570	536	34	6.0
55 years and over	7,012	6,542	208	263	3.8	1,138	1,085	52	4.6
Females, 16 years and over	25,092	21,169	1,601	2,323	9.3	7,254	6,664	590	8.1
16 to 21 years	4,941	3,355	803	783	15.8	1,662	1,381	282	16.9
16 to 19 years	2,969	1,812	640	516	17.4	1,341	1,106	236	17.6
20 years and over	22,124	19,357	961	1,806	8.2	5,913	5,558	355	6.0
20 to 24 years	4,678	3,804	298	576	12.3	773	694	79	10.3
25 years and over	17,446	15,553	663	1,230	7.1	5,140	4,864	276	5.4
25 to 54 years	14,072	12,491	534	1,048	7.4	3,867	3,645	221	5.7
55 years and over	3,373	3,062	129	182	5.4	1,274	1,219	54	4.2
Negro and other races									
Males, 16 years and over	5,540	4,406	358	776	14.0	496	400	96	19.3
16 to 21 years	867	446	137	283	32.7	229	161	68	29.5
16 to 19 years	535	243	112	179	33.5	180	116	63	35.1
20 years and over	5,005	4,163	246	597	11.9	317	284	33	10.4
20 to 24 years	828	567	53	208	25.1	74	66	8	(1)
25 years and over	4,177	3,596	193	389	9.3	243	218	25	10.3
25 to 54 years	3,541	3,050	138	353	10.0	116	99	16	13.8
55 years and over	637	546	55	37	5.8	128	119	8	6.3
Females, 16 years and over	4,056	3,084	369	603	14.9	878	764	114	13.0
16 to 21 years	700	362	107	231	33.0	247	180	67	27.1
16 to 19 years	420	166	91	163	38.8	201	147	54	26.7
20 years and over	3,635	2,917	278	441	12.1	678	617	61	9.0
20 to 24 years	712	508	46	157	22.1	93	76	17	18.7
25 years and over	2,923	2,409	232	284	9.7	585	541	44	7.5
25 to 54 years	2,560	2,116	191	254	9.9	390	351	40	10.3
55 years and over	364	294	41	30	8.2	195	191	4	2.1

¹ Employed persons with a job but not at work are distributed proportionately among the full- and part-time employed categories.

² Percent not shown where base is less than 75,000.

A-8. Unemployed persons by sex and age

Age	Males				Females			
	Thousands of persons		Unemployment rates		Thousands of persons		Unemployment rates	
	July 1974	July 1975	July 1974	July 1975	July 1974	July 1975	July 1974	July 1975
Total, 16 years and over	2,637	4,579	4.6	8.0	2,624	3,631	7.2	9.7
16 to 19 years	941	1,208	15.3	19.7	908	969	18.6	19.6
16 to 17 years	540	600	18.5	21.1	432	427	19.4	20.3
18 to 19 years	401	608	12.4	18.4	477	542	17.9	19.2
20 years and over	1,695	3,371	3.3	6.6	1,715	2,662	5.4	8.2
20 to 24 years	595	1,112	7.8	14.1	616	831	10.3	13.3
25 years and over	1,100	2,259	2.6	5.2	1,099	1,831	4.3	7.0
25 to 34 years	458	955	3.4	6.9	476	822	6.4	10.0
35 to 44 years	220	462	2.1	4.5	272	372	4.3	6.0
45 to 54 years	215	483	2.1	4.6	197	367	3.0	5.7
55 to 64 years	158	267	2.3	3.8	122	222	3.0	5.3
55 to 59 years	85	140	2.1	3.4	81	124	3.2	4.9
60 to 64 years	73	128	2.6	4.5	41	98	2.6	6.0
65 years and over	49	92	2.5	4.8	32	47	3.3	4.6
Household heads, 16 years and over	1,108	2,345	2.5	5.2	389	649	5.0	8.0
16 to 24 years	213	462	5.0	10.8	93	128	9.2	11.8
25 to 54 years	701	1,540	2.2	4.8	228	388	4.9	8.1
55 years and over	193	343	2.2	4.0	67	133	3.1	5.9

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

Marital status, sex, age, and color	Males				Females			
	Thousands of persons		Unemployment rates		Thousands of persons		Unemployment rates	
	July 1974	July 1975	July 1974	July 1975	July 1974	July 1975	July 1974	July 1975
Total, 16 years and over	2,637	4,579	4.6	8.0	2,624	3,631	7.2	9.7
Married, spouse present	940	1,927	2.4	4.8	1,054	1,628	5.2	8.0
Widowed, divorced, or separated	183	377	5.1	10.3	380	605	5.8	9.1
Single (never married)	1,514	2,274	11.3	16.4	1,189	1,398	12.2	13.8
White, 16 years and over	2,074	3,707	4.1	7.2	2,007	2,913	6.4	9.0
Married, spouse present	796	1,633	2.2	4.5	912	1,399	5.1	7.7
Widowed, divorced, or separated	138	276	4.8	9.4	267	468	5.0	8.7
Single (never married)	1,140	1,798	9.8	14.8	829	1,045	10.0	12.0
Negro and other races, 16 years and over	563	872	9.5	14.4	617	718	12.8	14.5
Married, spouse present	143	294	4.1	8.3	142	228	6.7	10.4
Widowed, divorced, or separated	45	102	6.4	13.6	114	137	8.8	10.6
Single (never married)	374	476	21.2	27.0	361	353	25.5	24.3
Total, 20 to 64 years of age	1,646	3,279	3.4	6.6	1,683	2,615	5.5	8.3
Married, spouse present	879	1,818	2.3	4.8	944	1,506	4.9	7.6
Widowed, divorced, or separated	171	354	5.2	10.4	344	558	5.8	9.3
Single (never married)	595	1,106	8.0	13.9	395	552	7.5	9.9
White, 20 to 64 years of age	1,334	2,659	3.0	6.0	1,316	2,117	5.0	7.8
Married, spouse present	742	1,538	2.1	4.4	818	1,299	4.7	7.4
Widowed, divorced, or separated	130	258	5.0	9.6	235	428	5.0	8.9
Single (never married)	462	863	7.2	12.6	262	390	5.9	8.3
Negro and other races, 20 to 64 years of age	312	619	6.2	12.0	366	498	8.9	11.8
Married, spouse present	138	280	4.1	8.3	126	206	6.2	9.8
Widowed, divorced, or separated	42	97	6.4	13.9	107	130	8.7	10.7
Single (never married)	133	243	13.1	22.8	133	162	15.6	18.3

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

Occupation	Thousands of persons		Unemployment rates					
			Total		Males		Females	
	July 1974	July 1975	July 1974	July 1975	July 1974	July 1975	July 1974	July 1975
Total	5,260	8,209	5.6	8.7	4.6	8.0	7.2	9.7
White-collar workers	1,459	2,200	3.4	5.0	2.2	3.4	4.6	6.5
Professional and technical	308	537	2.5	4.2	1.9	3.4	3.5	5.3
Managers and administrators, except farm	132	266	1.4	2.9	1.2	2.5	2.2	4.5
Sales workers	228	293	4.1	5.0	2.9	3.4	5.7	7.1
Clerical workers	791	1,105	4.9	6.7	4.1	5.4	5.2	7.1
Blue-collar workers	1,892	3,616	5.7	11.1	5.0	10.0	8.8	16.0
Craft and kindred workers	418	963	3.4	7.8	3.4	7.7	3.5	10.5
Carpenters and other construction craft	224	477	5.7	12.1	5.7	12.1	(1)	(1)
All other	194	486	2.3	5.7	2.2	5.4	3.3	10.2
Operatives, except transport	834	1,608	7.0	14.4	5.5	12.7	9.4	16.8
Transport equipment operatives	150	269	4.2	7.7	4.2	7.4	4.6	13.7
Nonfarm laborers	490	777	9.1	13.8	9.0	13.7	10.3	15.0
Construction laborers	145	233	13.2	20.4	13.3	20.4	(1)	(1)
All other	345	544	8.0	12.9	7.8	11.8	10.1	14.8
Service workers	807	1,130	6.5	8.7	5.4	8.9	7.1	8.5
Private household	64	65	5.0	5.5	--	(1)	5.2	5.5
All other	743	1,065	6.7	9.0	5.5	8.9	7.5	9.1
Farm workers	91	87	2.5	2.4	2.3	2.1	3.3	3.5
No previous work experience	1,011	1,176	--	--	--	--	--	--
16 to 19 years	839	968	--	--	--	--	--	--
20 to 24 years	118	147	--	--	--	--	--	--
25 years and over	54	61	--	--	--	--	--	--

¹ 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		Males		Females	
	July 1974	July 1975	July 1974	July 1975	July 1974	July 1975	July 1974	July 1975
Total	100.0	100.0	5.6	8.7	4.6	8.0	7.2	9.7
Nonagricultural private wage and salary workers	68.0	73.9	5.3	8.8	4.4	8.4	6.6	9.6
Mining	.3	.4	2.2	4.8	2.2	5.0	(1)	(1)
Construction	6.9	8.9	7.7	15.5	7.7	15.9	7.6	9.4
Manufacturing	21.6	28.1	5.1	10.9	3.9	9.2	8.1	15.1
Durable goods	11.7	17.6	4.6	11.5	3.8	10.1	7.4	16.4
Lumber and wood products	.8	.9	6.1	11.2	6.3	9.7	5.3	18.9
Furniture and fixtures	.7	.8	6.5	11.9	5.5	7.9	8.8	20.9
Stone, clay, and glass products	.8	.8	5.4	9.6	5.0	9.3	6.9	10.9
Primary metal industries	.7	2.0	2.4	12.1	2.6	10.6	1.0	25.8
Fabricated metal products	1.6	2.3	5.5	12.8	4.3	12.6	9.7	13.6
Machinery, except electrical equipment	1.0	2.7	2.2	9.7	1.7	8.1	4.9	16.6
Electrical equipment	1.8	3.3	4.1	12.6	1.9	9.0	7.2	18.1
Transportation equipment	3.0	3.3	7.2	13.3	6.7	12.8	11.2	16.7
Automobiles	2.1	2.1	8.7	16.5	8.2	16.1	13.0	20.3
Other transportation equipment	.9	1.2	5.2	10.1	4.5	9.2	9.6	14.4
Instruments and related products	.4	.3	4.2	5.1	2.9	2.6	5.9	8.0
Other durable goods industries	.9	1.0	6.0	12.7	4.3	11.5	8.2	14.6
Nondurable goods	9.9	10.6	5.9	10.1	3.9	7.5	8.8	14.0
Food and kindred products	2.8	2.5	7.8	10.9	5.5	8.8	13.9	16.5
Textile mill products	1.0	1.3	5.6	12.3	3.5	8.6	7.8	16.7
Apparel and other textile products	2.7	2.1	9.9	12.8	8.0	9.0	10.4	13.8
Paper and allied products	.5	.5	3.5	6.6	3.3	6.7	4.6	5.9
Printing and publishing	.7	1.1	3.0	7.1	2.1	6.2	4.3	8.6
Chemicals and allied products	.5	1.2	2.1	7.6	1.4	5.5	4.6	14.2
Rubber and plastics products	1.0	1.1	7.0	13.1	6.3	9.2	8.2	19.4
Other nondurable goods industries	.7	.8	5.6	10.1	3.4	7.0	8.8	13.9
Transportation and public utilities	2.9	3.0	3.1	5.1	2.6	5.0	4.6	5.4
Railroads and railway express	.1	.2	1.2	3.1	.6	3.4	(1)	(1)
Other transportation	1.9	2.1	4.4	7.9	4.1	7.8	6.2	8.4
Communication and other public utilities	.9	.6	2.2	2.6	1.5	1.7	3.5	4.3
Wholesale and retail trade	20.8	18.3	6.6	8.7	5.3	7.5	8.2	10.1
Finance, insurance, and real estate	2.1	2.7	2.5	4.9	1.8	3.8	3.1	5.7
Service industries	13.4	12.5	5.0	6.9	4.6	6.9	5.3	6.9
Professional services	5.2	5.3	3.7	5.4	2.7	4.9	4.1	5.6
All other service industries	8.3	7.2	6.5	8.7	5.9	8.4	7.0	9.0
Agricultural wage and salary workers	2.1	1.5	6.2	6.8	6.0	6.4	7.2	8.4
All other classes of workers	10.7	10.2	2.5	3.6	1.8	2.8	3.4	4.7
No previous work experience	19.2	14.3	--	--	--	--	--	--

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

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

Reason for unemployment	Total unemployed		Males, 20 years and over		Females, 20 years and over		Both sexes, 16 to 19 years		White		Negro and other races	
	July 1974	July 1975	July 1974	July 1975	July 1974	July 1975	July 1974	July 1975	July 1974	July 1975	July 1974	July 1975
UNEMPLOYMENT LEVEL												
Total unemployed, in thousands	5,260	8,209	1,695	3,371	1,715	2,662	1,849	2,176	4,081	6,619	1,179	1,590
Job losers	1,919	4,302	1,012	2,448	644	1,409	262	445	1,551	3,528	368	774
Job leavers	785	845	293	309	313	376	178	160	654	713	131	131
Reentrants	1,548	1,895	326	525	652	759	570	610	1,183	1,497	366	397
New entrants	1,009	1,168	63	88	107	118	838	962	694	881	315	287
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
Job losers	36.5	52.4	59.8	72.6	37.5	52.9	14.2	20.4	38.0	53.3	31.2	48.7
Job leavers	14.9	10.3	17.3	9.2	18.2	14.1	9.7	7.3	16.0	10.8	11.1	8.3
Reentrants	29.4	23.1	19.2	15.6	38.0	28.5	30.8	28.0	29.0	22.6	31.0	25.0
New entrants	19.2	14.2	3.7	2.6	6.2	4.4	45.3	44.2	17.0	13.3	26.7	18.1
UNEMPLOYMENT RATE												
Total unemployment rate	5.6	8.7	3.3	6.6	5.4	8.2	16.8	19.6	4.9	7.9	11.0	14.5
Job loser rate ¹	2.0	4.5	2.0	4.8	2.1	4.3	2.4	4.0	1.9	4.2	3.4	7.1
Job leaver rate ¹ .....	.8	.9	.6	.6	1.0	1.2	1.6	1.4	.8	.8	1.2	1.2
Reentrant rate ¹	1.7	2.0	.6	1.0	2.1	2.3	5.2	5.5	1.4	1.8	3.4	3.6
New entrant rate ¹	1.1	1.2	.1	.2	.3	.4	7.6	8.7	.8	1.1	2.9	2.6

¹ Unemployment rates are calculated as a percent of the civilian labor force.

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

[Percent distribution]

Reason, sex, and age	July 1975						
	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 ...	8,209	100.0	36.3	30.9	32.8	14.9	17.9
Job losers	4,302	100.0	27.5	27.5	45.0	20.2	24.8
Job leavers	845	100.0	42.5	26.3	31.2	13.4	17.8
Reentrants	1,895	100.0	45.9	34.4	19.7	9.7	10.0
New entrants	1,168	100.0	48.8	40.8	10.5	4.9	5.6
Males, 20 years and over ...	3,371	100.0	29.4	26.7	43.8	19.0	24.8
Job losers	2,448	100.0	25.7	26.1	48.2	21.4	26.8
Job leavers	309	100.0	36.8	28.4	34.8	13.5	21.3
Reentrants	525	100.0	41.6	27.0	31.3	12.5	18.8
New entrants	88	100.0	34.8	33.7	31.4	11.2	20.2
Females, 20 years and over ...	2,662	100.0	35.6	29.0	35.4	16.2	19.2
Job losers	1,409	100.0	24.9	29.8	45.2	20.4	24.8
Job leavers	376	100.0	41.0	26.6	32.4	13.8	18.6
Reentrants	759	100.0	50.4	28.9	20.8	10.6	10.2
New entrants	118	100.0	51.7	27.1	21.2	10.2	11.0
Both sexes, 16 to 19 years ...	2,176	100.0	47.8	39.8	12.4	6.7	5.7
Job losers	445	100.0	45.5	28.2	26.4	12.2	14.2
Job leavers	160	100.0	56.9	21.3	21.9	12.5	9.4
Reentrants	610	100.0	44.1	47.7	8.2	6.1	2.1
New entrants	962	100.0	49.7	43.1	7.1	3.6	3.5

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

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

Sex, age, and color	July 1975								
	Thousands of persons		Methods used as a percent of total jobseekers						Average number of methods used
	Total unemployed	Total job-seekers	Public employment agency	Private employment agency	Employer directly	Placed or answered ads	Friends or relatives	Other	
Total, 16 years and over	8,209	6,493	28.6	6.7	73.2	31.6	14.8	5.4	1.60
16 to 19 years	2,176	2,011	21.1	3.5	79.5	28.7	15.6	2.2	1.51
20 to 24 years	1,942	1,547	34.2	7.8	72.4	37.0	14.7	4.3	1.70
25 to 34 years	1,777	1,291	32.3	8.4	71.8	32.8	13.9	5.6	1.65
35 to 44 years	834	597	32.2	8.4	71.9	30.0	15.1	9.5	1.67
45 to 54 years	850	569	30.1	8.4	68.2	27.8	10.5	10.9	1.56
55 to 64 years	489	361	28.3	8.9	61.2	32.1	17.2	11.6	1.59
65 years and over	140	117	17.9	6.0	56.4	21.4	25.6	7.7	1.35
Males, 16 years and over	4,579	3,546	29.9	6.8	73.0	30.5	16.9	7.5	1.65
16 to 19 years	1,208	1,105	20.2	2.6	79.7	25.9	18.7	2.4	1.50
20 to 24 years	1,112	851	36.3	8.2	72.7	34.8	15.7	4.8	1.73
25 to 34 years	955	660	37.4	9.5	71.7	33.9	16.7	8.5	1.78
35 to 44 years	462	322	38.5	9.6	73.0	30.1	18.0	13.7	1.83
45 to 54 years	483	328	31.7	7.6	63.4	27.1	11.3	17.7	1.59
55 to 64 years	267	197	23.4	8.6	64.0	35.0	16.8	16.2	1.64
65 years and over	92	83	7.2	7.2	55.4	25.3	26.5	12.0	1.34
Females, 16 years and over	3,631	2,947	27.0	6.6	73.4	32.9	12.2	3.0	1.55
16 to 19 years	969	906	22.2	4.5	79.4	32.2	11.7	2.1	1.52
20 to 24 years	831	697	31.4	7.2	71.9	39.7	13.3	3.6	1.67
25 to 34 years	822	631	26.9	7.3	72.1	31.5	10.9	2.5	1.51
35 to 44 years	372	274	24.8	6.6	70.8	29.9	11.7	5.1	1.49
45 to 54 years	367	241	27.8	9.5	74.7	28.2	9.5	1.7	1.51
55 to 64 years	222	164	34.1	9.8	57.9	28.7	17.7	6.1	1.54
65 years and over	47	34	(1)	(1)	(1)	(1)	(1)	(1)	(1)
White	6,619	5,142	26.4	6.8	73.5	33.0	14.6	5.7	1.60
Males	3,707	2,840	27.6	7.2	72.8	31.8	17.2	7.9	1.65
Females	2,913	2,302	25.1	6.3	74.4	34.5	11.4	3.1	1.55
Negro and other races	1,590	1,351	36.8	6.5	71.8	26.2	15.4	4.4	1.61
Males	872	706	39.2	5.2	73.5	25.5	15.7	6.2	1.65
Females	718	645	34.1	7.8	69.9	27.0	15.2	2.5	1.57

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

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.

NOTE: The jobseekers total is less than the total unemployed because persons on layoff or

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

Sex and reason	July 1975								
	Thousands of persons		Methods used as a percent of total jobseekers						Average number of methods used
	Total unemployed	Total job-seekers	Public employment agency	Private employment agency	Employer directly	Placed or answered ads	Friends or relatives	Other	
Total, 16 years and over	8,209	6,493	28.6	6.7	73.2	31.6	14.8	5.4	1.60
Job losers	4,302	2,748	37.1	6.9	69.9	33.1	15.7	7.6	1.70
Job leavers	845	802	30.4	6.6	74.1	32.2	11.7	2.2	1.57
Reentrants	1,895	1,797	21.0	7.1	74.0	30.6	13.5	5.8	1.52
New entrants	1,168	1,146	18.9	5.7	79.0	29.1	16.7	2.0	1.51
Males, 16 years and over	4,579	3,546	29.9	6.8	73.0	30.5	16.9	7.5	1.65
Job losers	2,757	1,806	36.3	6.6	70.9	32.1	16.4	10.0	1.63
Job leavers	384	363	29.8	5.5	74.4	29.8	11.8	3.0	1.54
Reentrants	839	788	25.0	8.2	73.6	28.3	18.3	7.0	1.60
New entrants	597	589	17.0	6.1	77.4	29.2	19.7	3.7	1.53
Females, 16 years and over	3,631	2,947	27.0	6.6	73.4	32.9	12.2	3.0	1.55
Job losers	1,544	942	38.6	7.4	68.2	35.1	14.5	3.0	1.67
Job leavers	460	439	31.0	7.5	74.0	34.4	11.6	1.8	1.60
Reentrants	1,055	1,009	18.0	6.2	74.1	32.4	9.8	4.9	1.45
New entrants	571	557	20.8	5.2	80.8	28.9	13.3	.2	1.49

NOTE: See note, table A-14.

A-16. Unemployed persons by duration of unemployment

Duration of unemployment	Total				Household heads			
	Thousands of persons		Percent distribution		Thousands of persons		Percent distribution	
	July 1974	July 1975	July 1974	July 1975	July 1974	July 1975	July 1974	July 1975
Total	5,259	8,209	100.0	100.0	1,497	2,994	100.0	100.0
Less than 5 weeks	2,609	2,981	49.6	36.3	634	876	42.4	29.3
5 to 14 weeks	1,819	2,536	34.6	30.9	486	802	32.5	26.8
5 to 10 weeks	1,471	2,034	28.0	24.8	363	597	24.2	19.9
11 to 14 weeks	348	502	6.6	6.1	123	206	8.2	6.9
15 weeks and over	832	2,692	15.8	32.8	377	1,315	25.2	43.9
15 to 26 weeks	430	1,220	8.2	14.9	179	568	12.0	19.0
27 weeks and over	402	1,472	7.6	17.9	199	747	13.3	24.9
Average (mean) duration	9.3	14.2	--	--	12.7	17.9	--	--

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

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		July 1974	July 1975	July 1974	July 1975
July 1975										
Total, 16 years and over	8,209	2,981	2,536	1,220	1,472	14.2	49.6	36.3	15.8	32.8
16 to 21 years	3,096	1,395	1,166	284	251	9.3	52.2	45.1	8.8	17.3
16 to 19 years	2,176	1,040	866	146	125	8.0	51.9	47.8	6.8	12.4
20 to 24 years	1,942	716	586	327	313	13.6	52.6	36.9	16.3	33.0
25 to 34 years	1,777	576	477	326	398	16.1	52.0	32.4	17.1	40.8
35 to 44 years	834	230	237	159	209	17.6	47.8	27.6	20.6	44.0
45 to 54 years	850	244	221	163	222	18.5	40.1	28.7	30.2	45.3
55 to 64 years	489	143	123	66	157	20.4	34.7	29.3	34.4	45.5
65 years and over	140	32	26	34	48	28.5	34.6	22.6	33.7	58.6
Males, 16 years and over	4,579	1,535	1,376	738	929	15.6	46.4	33.5	18.6	36.4
16 to 21 years	1,733	741	634	189	169	10.2	52.4	42.7	9.7	20.7
16 to 19 years	1,208	543	477	96	92	8.9	53.6	45.0	7.0	15.6
20 to 24 years	1,112	399	308	208	197	14.5	47.2	35.9	19.9	36.4
25 to 34 years	955	251	275	184	245	18.1	44.9	26.3	21.5	45.0
35 to 44 years	462	114	128	89	132	19.4	40.4	24.6	27.9	47.8
45 to 54 years	483	131	111	100	141	20.1	34.5	27.1	33.7	50.0
55 to 64 years	267	76	62	40	89	21.1	32.8	28.4	36.3	48.3
65 years and over	92	22	16	21	33	29.7	(1)	24.0	(1)	58.5
Females, 16 years and over	3,631	1,446	1,160	482	543	12.6	52.8	39.8	13.0	28.2
16 to 21 years	1,363	654	532	95	81	8.2	51.9	48.0	7.8	12.9
16 to 19 years	969	497	389	50	33	6.8	50.2	51.3	6.6	8.5
20 to 24 years	831	317	278	118	117	12.5	57.7	38.2	12.8	28.3
25 to 34 years	822	325	202	143	152	13.8	58.9	39.5	12.9	35.9
35 to 44 years	372	116	109	70	77	15.4	53.8	31.3	14.8	39.4
45 to 54 years	367	114	110	63	81	16.3	46.2	30.9	26.4	39.1
55 to 64 years	222	67	61	26	68	19.6	37.1	30.3	32.1	42.2
65 years and over	47	9	10	13	15	26.1	(1)	(1)	(1)	(1)
White	6,619	2,379	2,002	1,003	1,234	14.5	49.8	35.9	16.6	33.8
Males	3,707	1,229	1,100	594	783	15.8	46.9	33.2	19.4	37.2
Females	2,913	1,150	902	409	451	12.9	52.9	39.5	13.7	29.5
Negro and other races	1,590	602	534	217	238	13.1	48.7	37.9	13.0	28.6
Males	872	306	276	144	146	14.5	44.6	35.1	15.8	33.3
Females	718	296	257	72	92	11.4	52.5	41.2	10.5	22.9
Males:										
Married, spouse present	1,927	531	481	401	514	18.6	40.9	27.6	27.3	47.5
Widowed, divorced, or separated	377	111	109	54	103	17.7	40.4	29.5	23.6	41.5
Single (never married)	2,274	892	785	284	313	12.6	50.5	39.2	12.7	26.2
Females:										
Married, spouse present	1,628	612	424	269	323	14.7	56.3	37.6	14.7	36.3
Widowed, divorced, or separated	605	216	199	90	99	13.7	47.9	35.8	17.5	31.3
Single (never married)	1,398	618	536	123	121	9.5	51.3	44.2	9.9	17.4

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

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

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		July 1974	July 1975	July 1974	July 1975
	July 1975									
OCCUPATION										
White-collar workers	2,200	824	655	312	410	14.7	49.3	37.4	17.7	32.8
Professional and managerial	803	301	238	104	159	15.6	52.3	37.5	17.7	32.6
Sales workers	293	109	89	49	47	15.1	51.9	37.2	21.9	32.4
Clerical workers	1,105	414	327	160	205	13.9	46.9	37.4	16.5	33.0
Blue-collar workers	3,616	1,085	981	703	846	16.9	48.6	30.0	20.5	42.9
Craft and kindred workers	963	276	260	189	238	17.8	45.7	28.7	23.0	44.3
Operatives, except transport	1,608	443	443	322	400	17.3	50.0	27.5	20.3	44.9
Transport equipment operatives	269	79	78	48	63	16.4	34.1	29.4	32.0	41.5
Nonfarm laborers	777	287	199	144	146	15.1	53.1	37.0	15.0	37.4
Service workers	1,130	454	387	143	145	11.7	52.7	40.2	13.1	25.5
INDUSTRY ¹										
Agriculture	126	61	36	15	14	10.3	48.8	48.5	4.9	22.9
Construction	760	245	209	129	178	16.5	51.5	32.2	20.2	40.3
Manufacturing	2,313	587	643	493	589	18.0	47.6	25.4	21.6	46.8
Durable goods	1,444	357	381	312	394	18.5	43.8	24.7	21.9	48.9
Nondurable goods	868	230	262	181	195	17.2	52.1	26.4	21.1	43.3
Transportation and public utilities	278	109	60	43	66	16.8	45.2	39.0	19.6	39.3
Wholesale and retail trade	1,511	564	456	225	266	13.8	49.3	37.3	16.7	32.5
Finance and service industries	1,672	701	533	225	212	11.8	52.6	41.9	15.0	26.1
Public administration	228	70	97	30	31	12.8	33.4	30.7	26.1	26.7
No previous work experience	1,176	574	479	56	67	8.2	49.5	48.8	7.5	10.5

¹ Includes wage and salary workers only.**A-19. Employed persons by sex and age**

[In thousands]

Age and type of industry	Total		Males		Females	
	July 1974	July 1975	July 1974	July 1975	July 1974	July 1975
All industries	88,014	86,650	54,240	53,000	33,774	33,650
16 to 19 years	9,188	8,901	5,213	4,939	3,975	3,962
16 to 17 years	4,174	3,917	2,381	2,238	1,793	1,679
18 to 19 years	5,016	4,984	2,833	2,701	2,183	2,283
20 to 24 years	12,473	12,214	7,080	6,788	5,393	5,426
25 to 54 years	52,715	52,044	33,268	32,718	19,447	19,327
25 to 34 years	20,002	20,325	12,990	12,953	7,012	7,373
35 to 44 years	16,041	15,644	10,056	9,823	5,985	5,821
45 to 54 years	16,672	16,075	10,222	9,942	6,450	6,133
55 to 64 years	10,812	10,660	6,806	6,707	4,006	3,953
55 to 59 years	6,488	6,452	4,035	4,028	2,453	2,424
60 to 64 years	4,324	4,208	2,771	2,678	1,553	1,530
65 years and over	2,826	2,831	1,873	1,849	953	982
Nonagricultural industries	83,991	82,560	51,033	49,752	32,958	32,809
16 to 19 years	8,496	8,077	4,661	4,282	3,835	3,796
16 to 17 years	3,743	3,460	2,053	1,880	1,690	1,580
18 to 19 years	4,753	4,618	2,608	2,402	2,145	2,216
20 to 24 years	12,032	11,818	6,706	6,459	5,326	5,359
25 to 54 years	50,866	50,186	31,875	31,296	18,991	18,890
25 to 34 years	19,443	19,733	12,546	12,503	6,897	7,230
35 to 44 years	15,468	15,059	9,639	9,379	5,829	5,680
45 to 54 years	15,955	15,394	9,690	9,414	6,265	5,980
55 to 64 years	10,176	10,040	6,287	6,205	3,889	3,835
55 to 59 years	6,138	6,103	3,757	3,758	2,381	2,345
60 to 64 years	4,037	3,937	2,530	2,447	1,508	1,490
65 years and over	2,420	2,439	1,503	1,509	916	929
Agriculture	4,023	4,090	3,207	3,248	816	842
16 to 19 years	692	824	552	657	140	167
16 to 17 years	431	458	328	358	103	100
18 to 19 years	262	366	225	299	38	67
20 to 24 years	441	396	374	329	67	67
25 to 54 years	1,847	1,859	1,392	1,422	455	437
25 to 34 years	559	593	444	450	115	143
35 to 44 years	572	585	416	444	156	141
45 to 54 years	716	681	532	528	184	153
55 to 64 years	636	620	519	501	117	118
55 to 59 years	350	349	277	270	72	79
60 to 64 years	287	270	242	231	45	39
65 years and over	406	392	369	339	37	53

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

(In thousands)

Occupation	Total		Males, 20 years and over		Females, 20 years and over		Males, 16-19 years		Females, 16-19 years	
	July 1974	July 1975	July 1974	July 1975	July 1974	July 1975	July 1974	July 1975	July 1974	July 1975
TOTAL	88,015	86,650	49,027	48,061	29,799	29,688	5,213	4,939	3,976	3,962
White-collar workers	41,631	42,110	20,431	20,561	18,482	18,930	759	728	1,958	1,890
Professional and technical	11,946	12,362	7,120	7,247	4,573	4,836	141	158	111	121
Health workers	2,023	2,178	726	748	1,262	1,414	11	6	23	10
Teachers, except college	2,364	2,376	664	641	1,675	1,718	4	4	21	12
Other professional and technical	7,559	7,808	5,730	5,858	1,636	1,704	126	148	67	99
Managers and administrators, except farm	9,102	8,841	7,312	7,090	1,681	1,675	75	58	33	18
Salaried workers	7,202	7,029	5,814	5,654	1,288	1,303	70	53	31	18
Self-employed workers in retail trade	956	893	697	646	257	244	1	3	2	--
Self-employed workers, except retail trade	943	920	801	790	137	127	4	2	--	--
Sales workers	5,376	5,607	2,912	3,076	1,837	1,917	241	218	385	396
Retail trade	3,039	3,146	992	1,074	1,473	1,512	211	191	363	369
Other industries	2,337	2,462	1,921	2,002	364	406	30	27	22	27
Clerical workers	15,207	15,299	3,086	3,148	10,390	10,502	302	294	1,428	1,355
Stenographers, typists, and secretaries	4,436	4,432	65	60	3,914	3,939	10	7	446	426
Other clerical workers	10,771	10,867	3,021	3,088	6,476	6,563	292	287	982	929
Blue-collar workers	31,305	29,100	22,867	21,696	4,848	4,340	3,123	2,684	467	379
Craft and kindred workers	11,970	11,410	10,889	10,416	460	464	591	498	30	32
Carpenters	1,153	1,097	1,065	1,013	5	6	80	78	2	--
Construction craft, except carpenters	2,580	2,371	2,357	2,168	17	40	202	160	4	2
Mechanics and repairers	2,950	2,945	2,766	2,759	15	16	165	165	4	5
Metal craft	1,227	1,096	1,154	1,056	27	15	47	24	--	--
Blue-collar worker supervisors, not elsewhere classified	1,527	1,462	1,392	1,348	120	112	14	2	1	--
All other	2,533	2,440	2,156	2,072	276	275	83	68	19	25
Operatives, except transport	11,048	9,590	5,866	5,246	3,969	3,463	878	652	336	229
Durable goods manufacturing	5,093	4,094	3,183	2,670	1,489	1,225	309	158	111	40
Nondurable goods manufacturing	3,347	3,071	1,317	1,169	1,910	1,672	166	117	153	113
Other industries	2,408	2,425	1,366	1,407	570	566	403	377	72	76
Transport equipment operatives	3,392	3,237	3,036	2,915	133	115	211	192	13	14
Drivers, motor vehicles	2,866	2,737	2,559	2,442	130	113	165	172	11	11
All other	526	499	476	473	3	2	45	20	2	4
Nonfarm laborers	4,895	4,863	3,076	3,119	286	298	1,444	1,342	89	104
Construction	951	910	647	656	10	--	291	242	3	12
Manufacturing	1,171	1,023	831	744	118	110	213	158	9	11
Other industries	2,773	2,930	1,598	1,719	159	188	939	943	76	80
Service workers	11,563	11,881	3,375	3,498	5,895	5,844	866	981	1,427	1,558
Private household workers	1,208	1,116	21	15	860	787	13	6	313	307
Service workers, except private household	10,356	10,765	3,354	3,483	5,035	5,057	853	975	1,114	1,251
Food service workers	3,580	3,764	631	667	1,863	1,886	424	473	662	737
Protective service workers	1,241	1,247	1,143	1,158	72	63	23	24	3	3
All other	5,535	5,754	1,580	1,658	3,100	3,108	406	478	449	511
Farm workers	3,516	3,560	2,353	2,306	574	573	466	545	123	136
Farmers and farm managers	1,725	1,702	1,561	1,537	139	123	25	33	--	8
Farm laborers and supervisors	1,791	1,858	792	769	435	450	441	512	123	127
Paid workers	1,289	1,337	726	722	154	151	328	370	81	94
Unpaid family workers	502	521	66	47	281	299	113	142	42	33

HOUSEHOLD DATA

32

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

[Percent distribution]

Occupational group and color	Total		Males		Females	
	July 1974	July 1975	July 1974	July 1975	July 1974	July 1975
TOTAL						
Total employed (thousands)	88,014	86,650	54,240	53,000	33,774	33,650
Percent	100.0	100.0	100.0	100.0	100.0	100.0
White-collar workers	47.3	48.6	39.1	40.2	60.5	61.9
Professional and technical	13.6	14.3	13.4	14.0	13.9	14.7
Managers and administrators, except farm	10.3	10.2	13.6	13.5	5.1	5.0
Sales workers	6.1	6.5	5.8	6.2	6.6	6.9
Clerical workers	17.3	17.7	6.2	6.5	35.0	35.2
Blue-collar workers	35.6	33.6	47.9	46.0	15.7	14.0
Craft and kindred workers	13.6	13.2	21.2	20.6	1.5	1.5
Operatives, except transport	12.6	11.1	12.4	11.1	12.7	11.0
Transport equipment operatives	3.9	3.7	6.0	5.9	.4	.4
Nonfarm laborers	5.6	5.6	8.3	8.4	1.1	1.2
Service workers	13.1	13.7	7.8	8.5	21.7	22.0
Private household workers	1.4	1.3	(1)	(1)	3.5	3.3
Other service workers	11.8	12.4	7.8	8.4	18.2	18.7
Farm workers	4.0	4.1	5.2	5.4	2.1	2.1
Farmers and farm managers	2.0	2.0	2.9	3.0	.4	.4
Farm laborers and supervisors	2.0	2.1	2.3	2.4	1.7	1.7
White						
Total employed (thousands)	78,433	77,270	48,863	47,836	29,580	29,434
Percent	100.0	100.0	100.0	100.0	100.0	100.0
White-collar workers	49.3	50.4	40.8	41.7	63.3	64.5
Professional and technical	14.0	14.6	13.9	14.4	14.3	15.0
Managers and administrators, except farm	11.1	11.0	14.5	14.4	5.5	5.4
Sales workers	6.6	6.9	6.2	6.6	7.2	7.4
Clerical workers	17.5	17.9	6.1	6.4	36.4	36.6
Blue-collar workers	35.0	33.2	47.0	45.3	15.1	13.5
Craft and kindred workers	14.1	13.8	21.8	21.3	1.5	1.5
Operatives, except transport	12.0	10.6	11.9	10.8	12.1	10.4
Transport equipment operatives	3.7	3.6	5.7	5.6	.4	.4
Nonfarm laborers	5.1	5.2	7.6	7.6	1.1	1.2
Service workers	11.7	12.3	7.0	7.6	19.5	19.9
Private household workers	1.0	.9	(1)	(1)	2.5	2.3
Other service workers	10.8	11.4	7.0	7.5	17.0	17.6
Farm workers	4.0	4.2	5.2	5.4	2.1	2.1
Farmers and farm managers	2.1	2.1	3.1	3.1	.5	.4
Farm laborers and supervisors	1.9	2.1	2.1	2.3	1.6	1.7
Negro and other races						
Total employed (thousands)	9,582	9,380	5,377	5,164	4,205	4,216
Percent	100.0	100.0	100.0	100.0	100.0	100.0
White-collar workers	31.2	33.8	23.7	25.9	40.9	43.5
Professional and technical	9.8	11.4	9.1	10.4	10.7	12.7
Managers and administrators, except farm	4.0	4.0	5.3	5.4	2.4	2.3
Sales workers	2.1	2.9	2.0	2.8	2.4	3.1
Clerical workers	15.2	15.5	7.2	7.3	25.4	25.5
Blue-collar workers	40.5	36.9	56.5	52.7	20.1	17.6
Craft and kindred workers	9.3	8.4	15.5	14.0	1.3	1.5
Operatives, except transport	17.1	14.5	17.1	14.3	17.1	14.7
Transport equipment operatives	5.1	4.9	8.7	8.6	.5	.3
Nonfarm laborers	9.1	9.2	15.3	15.8	1.3	1.1
Service workers	24.6	25.7	14.9	16.6	37.1	36.9
Private household workers	4.7	4.5	.1	(1)	10.5	9.9
Other service workers	20.0	21.2	14.7	16.5	26.7	27.0
Farm workers	3.6	3.5	4.9	4.8	1.9	2.0
Farmers and farm managers	.7	.7	1.3	1.3	(1)	(1)
Farm laborers and supervisors	2.9	2.8	3.7	3.4	1.9	1.9

¹ Less than 0.05 percent.

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

[In thousands]

Age and sex	July 1975								
	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					
Total, 16 years and over	76,329	1,367	14,228	60,734	5,804	427	1,718	1,829	543
16 to 19 years	7,953	435	1,069	6,449	99	25	583	63	178
16 to 17 years	3,406	346	504	2,555	38	16	328	33	97
18 to 19 years	4,547	89	565	3,894	61	9	255	30	81
20 to 24 years	11,530	91	1,710	9,730	268	20	280	74	42
25 to 34 years	18,516	118	3,550	14,848	1,133	84	278	242	73
35 to 44 years	13,684	120	2,787	10,776	1,251	124	184	322	80
45 to 54 years	13,923	207	3,062	10,654	1,367	105	169	417	95
55 to 64 years	8,853	261	1,773	6,820	1,133	54	130	431	59
55 to 59 years	5,421	146	1,112	4,163	647	35	76	234	39
60 to 64 years	3,432	115	660	2,657	487	19	54	197	20
65 years and over	1,870	136	278	1,456	552	16	96	280	16
Males, 16 years and over	45,361	213	7,748	37,400	4,345	45	1,368	1,683	197
16 to 19 years	4,198	119	532	3,547	65	19	458	53	145
16 to 17 years	1,843	95	258	1,491	25	12	248	29	81
18 to 19 years	2,354	24	274	2,056	40	7	210	24	64
20 to 24 years	6,266	25	794	5,447	180	14	233	71	24
25 to 34 years	11,671	11	1,954	9,706	828	4	217	223	10
35 to 44 years	8,408	9	1,539	6,860	971	--	140	295	9
45 to 54 years	8,357	10	1,739	6,608	1,055	2	137	392	--
55 to 64 years	5,364	17	1,023	4,324	836	5	101	397	3
55 to 59 years	3,280	9	646	2,625	476	2	57	212	1
60 to 64 years	2,084	8	376	1,699	360	3	44	185	2
65 years and over	1,098	21	168	908	411	1	81	251	7
Females, 16 years and over	30,968	1,154	6,480	23,334	1,458	383	350	145	346
16 to 19 years	3,755	316	537	2,903	35	6	124	10	33
16 to 17 years	1,562	252	246	1,065	13	4	80	4	16
18 to 19 years	2,193	64	291	1,838	21	2	44	6	17
20 to 24 years	5,264	66	916	4,283	89	6	47	3	18
25 to 34 years	6,845	106	1,596	5,142	306	79	60	19	64
35 to 44 years	5,276	111	1,248	3,917	280	124	43	27	71
45 to 54 years	5,566	197	1,323	4,046	312	103	31	25	96
55 to 64 years	3,489	243	750	2,496	297	49	29	33	56
55 to 59 years	2,141	137	466	1,538	171	33	19	22	38
60 to 64 years	1,348	106	284	958	126	16	10	11	18
65 years and over	773	114	110	548	141	16	15	29	9

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					
			Total		Wage and salary workers ¹			
					Paid absences ²		Unpaid absences ²	
	July 1974	July 1975	July 1974	July 1975	July 1974	July 1975	July 1974	July 1975
Total	11,287	12,190	11,137	12,052	6,700	7,368	3,702	3,995
Vacation	8,984	9,935	8,902	9,880	6,083	6,765	2,392	2,720
Illness	1,261	1,217	1,217	1,176	468	442	619	632
Bad weather	17	81	8	51	--	--	--	--
Industrial dispute	219	131	219	131	--	--	--	--
All other reasons	805	827	790	814	149	160	691	643
Males	5,767	6,278	5,633	6,156	3,913	4,300	1,311	1,447
Vacation	4,407	4,938	4,338	4,889	3,498	3,902	617	774
Illness	785	738	743	702	331	303	330	337
All other reasons ³	575	602	552	565	85	95	364	337
Females	5,520	5,912	5,504	5,896	2,786	3,067	2,391	2,549
Vacation	4,577	4,997	4,564	4,991	2,584	2,863	1,775	1,946
Illness	476	478	474	475	137	139	289	295
All other reasons ³	467	437	466	430	65	65	327	307

¹ Excludes private household.³ Includes bad weather and industrial dispute, not shown separately.² Pay status not available separately for bad weather and industrial dispute; these categories are included in all other reasons.**A-24. Persons at work by type of industry and hours of work**

Hours of work	July 1975					
	Thousands of persons			Percent distribution		
	All industries	Nonagricultural industries	Agriculture	All industries	Nonagricultural industries	Agriculture
Total at work	74,460	70,508	3,952	100.0	100.0	100.0
1-4 hours	17,390	16,237	1,153	23.4	23.0	29.2
5-14 hours	742	678	64	1.0	1.0	1.6
15-29 hours	2,963	2,711	252	4.0	3.8	6.4
30-34 hours	8,658	8,094	564	11.6	11.5	14.3
35-39 hours	5,027	4,754	273	6.8	6.7	6.9
40 hours and over	57,069	54,271	2,800	76.6	77.0	70.9
41 to 48 hours	5,376	5,209	168	7.2	7.4	4.3
49 to 59 hours	32,118	31,619	499	43.1	44.8	12.6
60 hours and over	19,575	17,443	2,133	26.3	24.7	54.0
Average hours, total at work	7,508	7,233	275	10.1	10.3	7.0
Average hours, workers on full-time schedules	6,151	5,681	470	8.3	8.1	11.9
Average hours, total at work	5,916	4,529	1,388	7.9	6.4	35.1
Average hours, total at work	39.3	38.8	47.4	--	--	--
Average hours, workers on full-time schedules	43.4	42.7	56.2	--	--	--

A-25. Persons at work 1 - 34 hours by usual status and reason working less than 35 hours

(In thousands)

Reasons working less than 35 hours	July 1975					
	All industries			Nonagricultural industries		
	Total	Usually work full time	Usually work part time	Total	Usually work full time	Usually work part time
Total	17,391	5,711	11,680	16,238	5,376	10,862
Economic reasons	4,401	1,563	2,838	4,053	1,443	2,610
Slack work	1,792	1,176	616	1,642	1,077	565
Material shortages or repairs to plant and equipment	64	64	--	62	62	--
New job started during week	261	261	--	246	246	--
Job terminated during week	63	63	--	58	58	--
Could find only part-time work	2,222	--	2,222	2,045	--	2,045
Other reasons	12,989	4,148	8,841	12,185	3,933	8,252
Does not want, or unavailable for, full-time work	6,486	--	6,486	6,095	--	6,095
Vacation	1,406	1,406	--	1,382	1,382	--
Illness	1,285	1,052	233	1,195	1,022	173
Bad weather	378	378	--	262	262	--
Industrial dispute	21	21	--	21	21	--
Legal or religious holiday	160	160	--	156	156	--
Full time for this job	1,600	--	1,600	1,527	--	1,527
All other reasons	1,654	1,131	523	1,547	1,090	457
Average hours:						
Economic reasons	20.6	23.6	19.0	20.8	23.8	19.1
Other reasons	21.5	25.7	19.6	21.6	25.9	19.6
Worked 30 to 34 hours:						
Economic reasons	1,179	645	534	1,096	607	489
Other reasons	3,848	2,064	1,784	3,658	1,988	1,670

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

Industry	July 1975								
	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 ¹	100.0	5.7	11.7	82.5	57.8	10.3	14.5	38.8	42.7
Wage and salary workers	100.0	5.7	11.2	83.1	60.1	10.4	12.7	38.5	42.2
Construction	100.0	9.5	4.7	85.9	63.5	9.5	12.9	38.7	41.5
Manufacturing	100.0	3.6	2.5	93.9	69.7	12.1	12.1	40.7	41.8
Durable goods	100.0	3.2	1.5	95.3	71.7	12.1	11.6	41.0	41.8
Nondurable goods	100.0	4.2	3.9	91.9	66.9	12.3	12.7	40.2	41.8
Transportation and public utilities	100.0	3.2	3.7	93.1	65.6	12.0	15.6	41.4	42.9
Wholesale and retail trade	100.0	8.4	18.3	73.3	45.6	12.7	15.0	37.6	43.5
Finance, insurance, and real estate	100.0	2.2	8.5	89.3	67.2	9.6	12.6	39.1	41.5
Service industries	100.0	6.8	19.5	73.7	55.9	7.2	10.6	35.7	41.7
Private households	100.0	24.5	48.9	26.5	18.5	2.3	5.7	22.2	45.8
All other industries	100.0	5.4	17.1	77.5	59.0	7.6	11.0	36.8	41.6
Public administration	100.0	2.4	5.0	92.7	74.2	8.2	10.2	39.9	41.4
Self-employed workers	100.0	6.9	16.4	76.8	32.3	9.0	35.5	42.0	49.5
Unpaid family workers	100.0	2.6	32.8	64.6	28.3	8.4	27.9	39.9	49.3

¹ Includes mining not shown separately.

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

(Numbers in thousands)

Sex and age, color and marital status	July 1975							
	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		
Total, 16 years and over	70,508	4,053	8,252	58,203	40,760	17,443	38.8	42.7
16 to 21 years	12,010	1,842	2,393	7,775	6,012	1,763	33.6	41.0
16 to 19 years	7,638	1,477	1,935	4,226	3,300	926	31.5	40.8
16 to 17 years	3,286	800	1,238	1,248	965	283	27.1	40.6
18 to 19 years	4,352	677	697	2,978	2,337	641	34.8	40.9
20 years and over	62,870	2,577	6,318	53,975	37,458	16,517	39.6	42.9
20 to 24 years	10,651	727	1,045	8,879	6,636	2,243	38.1	41.6
25 years and over	52,219	1,850	5,273	45,096	30,822	14,274	39.9	43.2
25 to 44 years	29,300	1,055	2,404	25,841	17,333	8,508	40.5	43.2
45 to 64 years	20,872	733	1,915	18,224	12,787	5,437	40.2	43.1
65 years and over	2,047	60	955	1,032	704	328	30.2	44.0
Males, 16 years and over	43,595	2,181	2,540	38,874	24,635	14,239	41.5	44.0
16 to 21 years	6,477	972	1,058	4,447	3,173	1,274	35.2	42.0
16 to 19 years	4,085	779	860	2,446	1,787	659	33.0	41.7
16 to 17 years	1,807	437	596	774	571	203	28.7	41.2
18 to 19 years	2,278	342	264	1,672	1,217	455	36.4	41.9
20 years and over	39,510	1,404	1,681	36,425	22,845	13,580	42.4	44.2
20 to 24 years	5,918	396	374	5,148	3,452	1,696	40.2	43.0
25 years and over	33,592	1,008	1,307	31,277	19,393	11,884	42.8	44.4
25 to 44 years	19,120	599	361	18,160	10,928	7,232	43.4	44.5
45 to 64 years	13,180	368	382	12,430	8,033	4,397	42.9	44.2
65 years and over	1,292	40	565	687	432	255	31.2	44.5
Females, 16 years and over	26,913	1,871	5,712	19,330	16,126	3,204	34.4	40.1
16 to 21 years	5,532	871	1,335	3,326	2,839	487	31.8	39.7
16 to 19 years	3,553	698	1,075	1,780	1,514	266	29.6	39.7
16 to 17 years	1,480	363	642	475	395	80	25.1	39.8
18 to 19 years	2,073	335	433	1,305	1,119	186	32.9	39.7
20 years and over	23,360	1,173	4,637	17,550	14,612	2,938	35.1	40.1
20 to 24 years	4,732	331	671	3,730	3,183	547	35.6	39.7
25 years and over	18,628	842	3,966	13,820	11,429	2,391	35.0	40.2
25 to 44 years	10,180	456	2,043	7,681	6,403	1,278	35.0	39.9
45 to 64 years	7,693	366	1,533	5,794	4,754	1,040	35.6	40.5
65 years and over	755	19	390	346	273	73	28.5	43.0
COLOR								
White	62,806	3,439	7,336	52,031	35,686	16,345	39.0	43.0
Males	39,307	1,897	2,228	35,182	21,769	13,413	41.8	44.3
Females	23,499	1,544	5,108	16,847	13,915	2,932	34.4	40.2
Negro and other races	7,702	613	916	6,173	5,076	1,097	36.6	40.8
Males	4,288	285	312	3,691	2,866	825	38.6	41.7
Females	3,414	328	603	2,483	2,211	272	34.0	39.5
MARITAL STATUS								
Males:								
Married, spouse present	31,090	866	1,048	29,176	17,898	11,278	43.0	44.4
Widowed, divorced, or separated	2,745	151	221	2,373	1,529	844	40.8	44.2
Single (never married)	9,761	1,164	1,272	7,325	5,209	2,116	36.8	42.3
Females:								
Married, spouse present	14,306	617	3,378	10,311	8,625	1,686	34.3	40.1
Widowed, divorced, or separated	5,060	305	819	3,936	3,182	754	35.9	40.4
Single (never married)	7,547	950	1,515	5,082	4,318	764	33.3	40.0

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

[Percent distribution]

Sex and age, color and marital status	July 1975					
	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
Total, 16 years and over	100.0	5.7	11.7	82.5	57.8	24.7
16 to 21 years	100.0	15.3	19.9	64.7	50.1	14.7
16 to 19 years	100.0	19.3	25.3	55.3	43.2	12.1
16 to 17 years	100.0	24.3	37.7	38.0	29.4	8.6
18 to 19 years	100.0	15.6	16.0	68.4	53.7	14.7
20 years and over	100.0	4.1	10.0	85.9	59.6	26.3
20 to 24 years	100.0	6.8	9.8	83.4	62.3	21.1
25 years and over	100.0	3.5	10.1	86.4	59.0	27.3
25 to 44 years	100.0	3.6	8.2	88.2	59.2	29.0
45 to 64 years	100.0	3.5	9.2	87.3	61.3	26.0
65 years and over	100.0	2.9	46.7	50.4	34.4	16.0
Males, 16 years and over	100.0	5.0	5.8	89.2	56.5	32.7
16 to 21 years	100.0	15.0	16.3	68.7	49.0	19.7
16 to 19 years	100.0	19.1	21.1	59.9	43.7	16.1
16 to 17 years	100.0	24.2	33.0	42.8	31.6	11.2
18 to 19 years	100.0	15.0	11.6	73.4	53.4	20.0
20 years and over	100.0	3.6	4.3	92.2	57.8	34.4
20 to 24 years	100.0	6.7	6.3	87.0	58.3	28.7
25 years and over	100.0	3.0	3.9	93.1	57.7	35.4
25 to 44 years	100.0	3.1	1.9	95.0	57.2	37.8
45 to 64 years	100.0	2.8	2.9	94.3	60.9	33.4
65 years and over	100.0	3.1	43.7	53.2	33.4	19.7
Females, 16 years and over	100.0	7.0	21.2	71.8	59.9	11.9
16 to 21 years	100.0	15.7	24.1	60.1	51.3	8.8
16 to 19 years	100.0	19.6	30.3	50.1	42.6	7.5
16 to 17 years	100.0	24.5	43.4	32.1	26.7	5.4
18 to 19 years	100.0	16.2	20.9	63.0	54.0	9.0
20 years and over	100.0	5.0	19.9	75.1	62.6	12.6
20 to 24 years	100.0	7.0	14.2	78.8	67.3	11.6
25 years and over	100.0	4.5	21.3	74.2	61.4	12.8
25 to 44 years	100.0	4.5	20.1	75.5	62.9	12.6
45 to 64 years	100.0	4.8	19.9	75.3	61.8	13.5
65 years and over	100.0	2.5	51.7	45.8	36.2	9.7
COLOR						
White	100.0	5.5	11.7	82.8	56.8	26.0
Males	100.0	4.8	5.7	89.5	55.4	34.1
Females	100.0	6.6	21.7	71.7	59.2	12.5
Negro and other races	100.0	8.0	11.9	80.1	65.9	14.2
Males	100.0	6.6	7.3	86.1	66.8	19.2
Females	100.0	9.6	17.7	72.7	64.8	8.0
MARITAL STATUS						
Males:						
Married, spouse present	100.0	2.8	3.4	93.8	57.6	36.3
Widowed, divorced, or separated	100.0	5.5	8.1	86.4	55.7	30.7
Single (never married)	100.0	11.9	13.0	75.0	53.4	21.7
Females:						
Married, spouse present	100.0	4.3	23.6	72.1	60.3	11.8
Widowed, divorced, or separated	100.0	6.0	16.2	77.8	62.9	14.9
Single (never married)	100.0	12.6	20.1	67.3	57.2	10.1

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

[Numbers in thousands]

Occupational group and sex	July 1975								
	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		
TOTAL									
White-collar workers	35,803	1,138	4,334	30,331	20,740	3,514	6,077	39.5	43.1
Professional and technical	9,327	208	1,041	8,078	5,664	864	1,550	39.4	42.7
Managers and administrators, except farm	7,943	93	360	7,490	3,589	1,057	2,844	46.0	47.6
Sales workers	5,064	286	1,038	3,740	2,159	562	1,019	37.9	44.3
Clerical workers	13,469	551	1,895	11,023	9,328	1,030	665	36.5	40.0
Blue-collar workers	24,838	1,830	1,378	21,630	15,261	3,043	3,326	39.6	42.4
Craft and kindred workers	9,840	520	318	9,002	6,103	1,341	1,558	41.1	42.9
Operatives, except transport	7,725	499	377	6,849	5,269	859	721	39.2	41.3
Transport equipment operatives	2,821	161	120	2,540	1,410	451	679	42.5	44.9
Nonfarm laborers	4,452	651	562	3,239	2,479	392	368	35.2	41.3
Service workers	10,367	1,145	2,617	6,605	4,962	726	917	33.9	42.1
Private household	1,026	210	544	272	193	22	57	22.5	44.8
Other service workers	9,341	935	2,072	6,334	4,770	704	860	35.2	42.0
Males									
White-collar workers	18,768	370	987	17,411	9,927	2,342	5,142	43.5	45.4
Professional and technical	6,226	115	367	5,744	3,738	668	1,338	41.8	43.7
Managers and administrators, except farm	6,456	69	168	6,219	2,776	865	2,578	47.4	48.4
Sales workers	3,019	79	255	2,685	1,337	461	887	42.7	45.6
Clerical workers	3,067	107	197	2,763	2,076	348	339	39.9	42.0
Blue-collar workers	21,185	1,494	1,027	18,664	12,738	2,744	3,182	40.2	42.8
Craft and kindred workers	9,456	502	271	8,683	5,846	1,305	1,532	41.3	43.0
Operatives, except transport	4,888	249	173	4,466	3,219	625	622	40.7	42.3
Transport equipment operatives	2,740	146	102	2,492	1,376	444	672	42.8	44.9
Nonfarm laborers	4,102	597	480	3,025	2,299	370	356	35.5	41.5
Service workers	4,014	363	569	3,082	2,128	366	588	38.2	43.7
Private household	22	3	10	9	7	--	2	27.3	47.1
Other service workers	3,992	359	559	3,074	2,121	367	586	38.3	43.7
Females									
White-collar workers	17,036	769	3,347	12,920	10,812	1,172	936	35.2	40.1
Professional and technical	3,101	95	674	2,332	1,924	197	211	34.6	40.2
Managers and administrators, except farm	1,487	24	192	1,271	812	192	267	40.1	43.5
Sales workers	2,045	207	783	1,055	822	101	132	30.7	41.0
Clerical workers	10,402	443	1,698	8,261	7,252	683	326	35.5	39.4
Blue-collar workers	3,653	336	351	2,966	2,523	299	144	36.2	39.6
Craft and kindred workers	384	18	47	319	258	36	25	37.1	40.3
Operatives, except transport	2,837	250	204	2,383	2,051	233	99	36.7	39.5
Transport equipment operatives	82	14	18	50	35	8	7	33.2	42.7
Nonfarm laborers	350	53	82	215	181	22	12	31.5	39.5
Service workers	6,353	781	2,048	3,524	2,834	360	330	31.2	40.8
Private household	1,004	206	535	263	185	23	55	22.4	44.7
Other service workers	5,349	575	1,513	3,261	2,650	337	274	32.8	40.5

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

(Percent distribution)

Occupational group and sex	July 1975						
	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							
White-collar workers	100.0	3.2	12.1	84.7	57.9	9.8	17.0
Professional and technical	100.0	2.2	11.2	86.6	60.7	9.3	16.6
Managers and administrators, except farm	100.0	1.2	4.5	94.3	45.2	13.3	35.8
Sales workers	100.0	5.6	20.5	73.8	42.6	11.1	20.1
Clerical workers	100.0	4.1	14.1	81.8	69.3	7.6	4.9
Blue-collar workers	100.0	7.4	5.5	87.1	61.4	12.3	13.4
Craft and kindred workers	100.0	5.3	3.2	91.4	62.0	13.6	15.8
Operatives, except transport	100.0	6.5	4.9	88.6	68.2	11.1	9.3
Transport equipment operatives	100.0	5.7	4.3	90.1	50.0	16.0	24.1
Nonfarm laborers	100.0	14.6	12.6	72.8	55.7	8.8	8.3
Service workers	100.0	11.0	25.2	63.7	47.9	7.0	8.8
Private household	100.0	20.5	53.0	26.5	18.8	2.1	5.6
Other service workers	100.0	10.0	22.2	67.8	51.1	7.5	9.2
Males							
White-collar workers	100.0	2.0	5.3	92.8	52.9	12.5	27.4
Professional and technical	100.0	1.8	5.9	92.2	60.0	10.7	21.5
Managers and administrators, except farm	100.0	1.1	2.6	96.3	43.0	13.4	39.9
Sales workers	100.0	2.6	8.4	89.0	44.3	15.3	29.4
Clerical workers	100.0	3.5	6.4	90.1	67.7	11.3	11.1
Blue-collar workers	100.0	7.1	4.8	88.1	60.1	13.0	15.0
Craft and kindred workers	100.0	5.3	2.9	91.8	61.8	13.8	16.2
Operatives, except transport	100.0	5.1	3.5	91.4	65.9	12.8	12.7
Transport equipment operatives	100.0	5.3	3.7	90.9	50.2	16.2	24.5
Nonfarm laborers	100.0	14.6	11.7	73.7	56.0	9.0	8.7
Service workers	100.0	9.0	14.2	76.7	53.0	9.1	14.6
Private household	100.0	(1)	(1)	(1)	(1)	(1)	(1)
Other service workers	100.0	9.0	14.0	77.0	53.1	9.2	14.7
Females							
White-collar workers	100.0	4.5	19.6	75.9	63.5	6.9	5.5
Professional and technical	100.0	3.1	21.7	75.2	62.0	6.4	6.8
Managers and administrators, except farm	100.0	1.6	12.9	85.5	54.6	12.9	18.0
Sales workers	100.0	10.1	38.3	51.6	40.2	4.9	6.5
Clerical workers	100.0	4.3	16.3	79.4	69.7	6.6	3.1
Blue-collar workers	100.0	9.2	9.6	81.2	69.1	8.2	3.9
Craft and kindred workers	100.0	4.7	12.2	83.1	67.2	9.4	6.5
Operatives, except transport	100.0	8.8	7.2	84.0	72.3	8.2	3.5
Transport equipment operatives	100.0	17.1	21.9	61.0	42.7	9.8	8.5
Nonfarm laborers	100.0	15.1	23.4	61.4	51.7	6.3	3.4
Service workers	100.0	12.3	32.2	55.5	44.6	5.7	5.2
Private household	100.0	20.5	53.3	26.2	18.4	2.3	5.5
Other service workers	100.0	10.7	28.3	60.9	49.5	6.3	5.1

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

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

[Numbers in thousands]

Employment status	July 1975								
	Total			White			Negro and other races		
	Both sexes	Males	Females	Both sexes	Males	Females	Both sexes	Males	Females
Civilian noninstitutional population	8,453	4,300	4,153	7,153	3,649	3,503	1,300	651	649
Civilian labor force	2,568	1,554	1,014	2,274	1,366	908	294	188	106
Employed	2,159	1,292	867	1,973	1,170	803	187	122	64
Agriculture	449	345	105	420	325	95	29	20	10
Nonagricultural industries	1,710	947	763	1,553	844	708	157	103	55
Unemployed	409	263	147	302	197	105	108	66	42
Unemployment rate	15.9	16.9	14.5	13.3	14.4	11.6	36.7	35.1	39.6
Not in labor force	5,885	2,746	3,139	4,879	2,283	2,596	1,006	463	543
Keeping house	389	25	363	320	16	304	68	9	59
Going to school	570	274	296	429	210	219	142	64	78
Unable to work	8	3	6	8	3	5	--	--	--
All other reasons	4,917	2,444	2,474	4,122	2,054	2,068	795	389	406

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

Characteristics	July 1975					
	Thousands of persons			Percent distribution		
	Both sexes	Males	Females	Both sexes	Males	Females
CLASS OF WORKER						
Total	2,159	1,292	867	100.0	100.0	100.0
Nonagricultural industries	1,710	947	763	79.2	73.3	88.0
Wage and salary workers	1,594	847	747	73.9	65.6	86.2
Private household workers	641	196	444	29.7	15.2	51.2
Government workers	209	133	76	9.7	10.3	8.8
Other wage and salary workers	745	518	227	34.5	40.1	26.2
Self-employed workers	92	80	12	4.3	6.2	1.3
Unpaid family workers	23	20	4	1.1	1.5	.5
Agriculture	449	345	105	20.8	26.7	12.0
Wage and salary workers	311	228	83	14.4	17.6	9.6
Self-employed workers	41	39	2	1.9	3.0	.2
Unpaid family workers	97	78	19	4.5	6.0	2.2
OCCUPATION						
Total	2,159	1,292	867	100.0	100.0	100.0
White-collar workers	363	227	136	16.8	17.5	15.8
Professional and technical	25	10	15	1.2	.8	1.7
Managers and administrators, except farm	2	3	--	.1	.2	--
Sales workers	240	193	46	11.1	14.9	5.3
Clerical workers	96	20	76	4.4	1.5	8.7
Blue-collar workers	571	516	56	26.4	40.0	6.4
Craft and kindred workers	57	56	1	2.6	4.3	.1
Operatives, except transport	56	37	20	2.6	2.9	2.3
Transport equipment operatives	7	7	--	.3	.5	--
Nonfarm laborers	450	416	35	20.9	32.2	4.0
Service workers	826	254	572	38.3	19.7	65.9
Private household workers	465	30	436	21.5	2.3	50.2
Other service workers	361	224	137	16.7	17.4	15.8
Farm workers	398	295	103	18.5	22.9	11.9
Farmers and farm managers	12	10	2	.6	.8	.2
Farm laborers and supervisors	387	285	101	17.9	22.1	11.6

HOUSEHOLD DATA SEASONALLY ADJUSTED

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

(Numbers in thousands)

Employment status	1974						1975						
	July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July
Total noninstitutional population ¹	150,922	151,135	151,367	151,593	151,812	152,020	152,230	152,445	152,646	152,840	153,051	153,278	153,585
Total labor force	93,503	93,419	93,922	94,057	93,921	94,015	94,284	93,709	94,027	94,457	95,121	94,518	95,102
Percent of total population	62.0	61.8	62.0	62.0	61.9	61.8	61.9	61.5	61.6	61.8	62.1	61.7	61.9
Civilian noninstitutional population ¹	148,701	148,916	149,150	149,380	149,600	149,809	150,037	150,246	150,447	150,645	150,870	151,100	151,399
Civilian labor force	91,283	91,199	91,705	91,844	91,708	91,803	92,091	91,511	91,829	92,262	92,940	92,340	92,916
Percent of civilian population	61.4	61.2	61.5	61.5	61.3	61.3	61.4	60.9	61.0	61.2	61.1	61.1	61.4
Employed	86,403	86,274	86,402	86,304	85,689	85,202	84,562	84,027	83,849	84,086	84,402	84,444	85,078
Percent of civilian population	58.1	57.9	57.9	57.8	57.3	56.9	56.4	55.9	55.7	55.8	55.9	55.9	56.2
Agriculture	3,433	3,451	3,489	3,440	3,375	3,339	3,383	3,326	3,265	3,238	3,512	3,304	3,450
Nonagricultural industries	82,970	82,823	82,913	82,864	82,314	81,863	81,179	80,701	80,584	80,848	80,890	81,140	81,628
Unemployed	4,880	4,925	5,303	5,540	6,019	6,601	7,529	7,484	7,980	8,176	8,538	7,896	7,838
Unemployment rate	5.3	5.4	5.8	6.0	6.6	7.2	8.2	8.2	8.7	8.9	9.2	8.6	8.4
Not in labor force	57,418	57,717	57,445	57,536	57,892	58,006	57,946	58,735	58,618	58,383	57,930	58,760	58,483
Males, 20 years and over													
Total noninstitutional population ¹	63,973	64,064	64,181	64,279	64,374	64,462	64,552	64,644	64,730	64,812	64,901	65,000	65,128
Total labor force	52,042	52,208	52,311	52,554	52,509	52,414	52,244	52,150	52,136	52,414	52,788	52,439	52,795
Percent of total population	81.3	81.5	81.5	81.8	81.6	81.3	80.9	80.7	80.5	80.9	81.3	80.7	81.1
Civilian noninstitutional population ¹	62,176	62,273	62,405	62,506	62,601	62,690	62,824	62,911	62,997	63,080	63,180	63,282	63,403
Civilian labor force	50,246	50,416	50,535	50,781	50,737	50,642	50,515	50,417	50,403	50,683	51,067	50,721	51,070
Percent of civilian population	80.8	81.0	81.0	81.2	81.0	80.8	80.4	80.1	80.0	80.3	80.8	80.2	80.5
Employed	48,451	48,515	48,583	48,584	48,379	47,961	47,490	47,288	46,990	47,123	47,333	47,166	47,499
Agriculture	2,495	2,516	2,500	2,477	2,429	2,422	2,425	2,421	2,399	2,457	2,457	2,394	2,435
Nonagricultural industries	45,956	45,999	46,083	46,107	45,950	45,510	45,068	44,813	44,569	44,724	44,876	44,772	45,064
Unemployed	1,795	1,901	1,952	2,197	2,358	2,681	3,025	3,129	3,413	3,560	3,734	3,555	3,571
Unemployment rate	3.6	3.8	3.9	4.3	4.6	5.3	6.0	6.2	6.8	7.0	7.3	7.0	7.0
Not in labor force	11,930	11,857	11,870	11,725	11,864	12,048	12,309	12,494	12,594	12,397	12,113	12,561	12,333
Females, 20 years and over													
Civilian noninstitutional population ¹	70,448	70,549	70,638	70,749	70,858	70,961	71,061	71,167	71,266	71,358	71,463	71,574	71,729
Civilian labor force	32,365	32,152	32,129	32,039	32,059	32,305	32,556	32,326	32,637	32,845	32,835	33,023	33,173
Percent of population	45.9	45.6	45.5	45.3	45.2	45.5	45.8	45.4	45.8	46.0	45.9	46.1	46.2
Employed	30,684	30,452	30,290	30,237	29,945	29,992	29,932	29,719	29,877	30,007	29,998	30,332	30,563
Agriculture	530	497	489	494	464	454	524	474	443	453	537	480	529
Nonagricultural industries	30,154	29,955	29,801	29,743	29,481	29,538	29,408	29,245	29,434	29,554	29,461	29,852	30,034
Unemployed	1,681	1,700	1,839	1,802	2,114	2,313	2,624	2,607	2,760	2,838	2,837	2,691	2,610
Unemployment rate	5.2	5.3	5.7	5.6	6.6	7.2	8.1	8.1	8.5	8.6	8.6	8.1	7.9
Not in labor force	38,083	38,397	38,509	38,710	38,799	38,656	38,505	38,841	38,629	38,513	38,628	38,551	38,556
Both sexes, 16-19 years													
Civilian noninstitutional population ¹	16,077	16,094	16,107	16,124	16,141	16,157	16,152	16,168	16,184	16,207	16,226	16,244	16,267
Civilian labor force	8,672	8,631	9,041	9,024	8,912	8,856	9,020	8,768	8,789	8,734	9,038	8,596	8,673
Percent of population	53.9	53.6	56.1	56.0	55.2	54.8	55.8	54.2	54.3	53.9	55.7	52.9	53.3
Employed	7,268	7,307	7,529	7,483	7,365	7,249	7,140	7,020	6,982	6,956	7,071	6,946	7,016
Agriculture	408	438	500	469	482	434	437	377	401	386	518	430	486
Nonagricultural industries	6,860	6,869	7,029	7,014	6,883	6,815	6,703	6,643	6,581	6,570	6,553	6,516	6,530
Unemployed	1,404	1,324	1,512	1,541	1,547	1,607	1,880	1,748	1,807	1,778	1,967	1,650	1,657
Unemployment rate	16.2	15.3	16.7	17.1	17.4	18.1	20.8	19.9	20.6	20.4	21.8	19.2	19.1
Not in labor force	7,405	7,463	7,066	7,100	7,229	7,301	7,132	7,400	7,395	7,473	7,188	7,648	7,594

¹ Because seasonality, by definition, does not exist in population figures, these figures are not seasonally adjusted.

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

A-32. Full- and part-time status of the civilian labor force, seasonally adjusted

(Numbers in thousands)

Full- and part-time employment status	1974						1975						
	July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July
FULL TIME													
Total, 16 years and over:													
Civilian labor force	77,625	77,796	78,477	78,860	78,569	78,626	78,839	78,429	78,583	78,995	79,730	78,385	78,719
Employed	73,876	74,034	74,350	74,323	73,725	73,314	72,750	72,315	72,069	72,171	72,706	71,970	72,329
Unemployed	3,749	3,762	4,127	4,537	4,844	5,312	6,089	6,114	6,514	6,824	7,024	6,415	6,390
Unemployment rate	4.8	4.8	5.3	5.8	6.2	6.8	7.7	7.8	8.3	8.6	8.8	8.2	8.1
PART TIME													
Total, 16 years and over:													
Civilian labor force	13,532	13,178	13,438	13,188	13,210	13,226	13,335	13,021	13,230	13,380	13,303	13,932	14,292
Employed	12,374	12,056	12,264	12,040	11,989	11,950	11,935	11,685	11,782	11,985	11,821	12,499	12,861
Unemployed	1,158	1,122	1,174	1,148	1,221	1,276	1,400	1,336	1,448	1,395	1,482	1,433	1,431
Unemployment rate	8.6	8.5	8.7	8.7	9.2	9.6	10.5	10.3	10.9	10.4	11.1	10.3	10.0

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

42

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

[Numbers in thousands]

Characteristics	1974						1975						
	July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July
WHITE													
Total, 16 years and over:													
Civilian labor force	80,938	80,796	81,337	81,439	81,355	81,338	81,706	81,071	81,546	81,825	82,428	81,908	82,436
Employed	77,016	76,850	77,017	76,997	76,538	76,106	75,555	75,043	75,039	75,193	75,387	75,451	75,925
Unemployed	3,922	3,946	4,320	4,442	4,817	5,232	6,151	6,028	6,507	6,632	7,041	6,457	6,511
Unemployment rate	4.8	4.9	5.3	5.5	5.9	6.4	7.5	7.4	8.0	8.1	8.5	7.9	7.9
Males, 20 years and over:													
Civilian labor force	45,108	45,265	45,421	45,651	45,535	45,408	45,279	45,191	45,325	45,519	45,810	45,604	45,814
Employed	43,603	43,686	43,797	43,844	43,615	43,255	42,792	42,668	42,508	42,607	42,685	42,664	42,812
Unemployed	1,505	1,579	1,624	1,807	1,920	2,153	2,487	2,523	2,817	2,912	3,125	2,940	3,002
Unemployment rate	3.3	3.5	3.6	4.0	4.2	4.7	5.5	5.6	6.2	6.4	6.8	6.4	6.6
Females, 20 years and over:													
Civilian labor force	28,084	27,867	27,825	27,762	27,856	27,997	28,313	28,113	28,358	28,530	28,574	28,639	28,813
Employed	26,749	26,521	26,347	26,317	26,165	26,180	26,143	25,970	26,095	26,197	26,228	26,468	26,676
Unemployed	1,335	1,346	1,478	1,445	1,691	1,817	2,170	2,143	2,263	2,333	2,346	2,171	2,137
Unemployment rate	4.8	4.8	5.3	5.2	6.1	6.5	7.7	7.6	8.0	8.2	8.2	7.6	7.4
Both sexes, 16 to 19 years:													
Civilian labor force	7,746	7,664	8,091	8,026	7,964	7,933	8,114	7,767	7,863	7,776	8,044	7,665	7,809
Employed	6,664	6,643	6,873	6,836	6,758	6,671	6,620	6,405	6,436	6,389	6,474	6,319	6,437
Unemployed	1,082	1,021	1,218	1,190	1,206	1,262	1,494	1,362	1,427	1,387	1,570	1,346	1,372
Unemployment rate	14.0	13.3	15.1	14.8	15.1	15.9	18.4	17.5	18.1	17.8	19.5	17.6	17.6
NEGRO AND OTHER RACES													
Total, 16 years and over:													
Civilian labor force	10,271	10,313	10,457	10,461	10,394	10,389	10,464	10,387	10,364	10,401	10,494	10,469	10,468
Employed	9,304	9,347	9,423	9,316	9,188	9,090	9,057	8,989	8,893	8,886	8,953	9,034	9,103
Unemployed	967	966	1,034	1,145	1,206	1,299	1,407	1,398	1,471	1,515	1,541	1,435	1,365
Unemployment rate	9.4	9.4	9.9	10.9	11.6	12.5	13.4	13.5	14.2	14.6	14.7	13.7	13.0
Males, 20 years and over:													
Civilian labor force	5,128	5,149	5,152	5,163	5,199	5,193	5,224	5,175	5,134	5,162	5,195	5,180	5,257
Employed	4,823	4,821	4,801	4,771	4,758	4,712	4,677	4,598	4,528	4,512	4,574	4,566	4,659
Unemployed	305	328	351	392	441	481	547	577	606	650	621	614	598
Unemployment rate	5.9	6.4	6.8	7.6	8.5	9.3	10.5	11.1	11.8	12.6	12.0	11.9	11.4
Females, 20 years and over:													
Civilian labor force	4,224	4,247	4,304	4,298	4,251	4,256	4,291	4,236	4,311	4,276	4,314	4,345	4,313
Employed	3,884	3,900	3,948	3,890	3,834	3,792	3,821	3,773	3,828	3,798	3,787	3,837	3,847
Unemployed	340	347	356	408	417	464	470	463	483	478	527	508	466
Unemployment rate	8.0	8.2	8.3	9.5	9.8	10.9	11.0	10.9	11.2	11.2	12.2	11.7	10.8
Both sexes, 16 to 19 years:													
Civilian labor force	919	917	1,001	1,000	944	940	949	976	919	963	985	944	898
Employed	597	626	674	655	596	586	559	618	537	576	592	631	597
Unemployed	322	291	327	345	348	354	390	358	382	387	393	313	301
Unemployment rate	35.0	31.7	32.7	34.5	36.9	37.7	41.1	36.7	41.6	40.2	39.9	33.2	33.5

A-34. Major unemployment indicators, seasonally adjusted

[Unemployment rates]

Selected categories	1974						1975						
	July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July
Total (all civilian workers)	5.3	5.4	5.8	6.0	6.6	7.2	8.2	8.2	8.7	8.9	9.2	8.6	8.4
Males, 20 years and over	3.6	3.8	3.9	4.3	4.6	5.3	6.0	6.2	6.8	7.0	7.3	7.0	7.0
Females, 20 years and over	5.2	5.3	5.7	5.6	6.6	7.2	8.1	8.1	8.5	8.6	8.6	8.1	7.9
Both sexes, 16-19 years	16.2	15.3	16.7	17.1	17.4	18.1	20.8	19.9	20.6	20.4	21.8	19.2	19.1
White	4.8	4.9	5.3	5.5	5.9	6.4	7.5	7.4	8.0	8.1	8.5	7.9	7.9
Negro and other races	9.4	9.4	9.9	10.9	11.6	12.5	13.4	13.5	14.2	14.6	14.7	13.7	13.0
Household heads	3.0	3.2	3.4	3.7	3.9	4.6	5.2	5.4	5.8	6.0	6.3	6.1	6.0
Married men	2.7	2.7	2.8	3.0	3.3	3.8	4.5	4.7	5.2	5.6	5.8	5.7	5.4
Full-time workers	4.8	4.8	5.3	5.8	6.2	6.8	7.7	7.8	8.3	8.6	8.8	8.2	8.1
Part-time workers	8.6	8.5	8.7	8.7	9.2	9.6	10.5	10.3	10.9	10.4	11.1	10.3	10.0
Unemployed 15 weeks and over ¹	1.0	1.0	1.1	1.1	1.2	1.4	1.7	2.0	2.2	2.6	2.8	3.1	3.2
State insured ²	3.3	3.3	3.5	3.6	4.3	4.8	5.5	5.9	6.4	6.8	7.0	7.0	6.2
Labor force time lost ³	5.8	5.8	6.4	6.6	7.2	7.9	8.9	8.9	9.6	9.7	9.9	8.9	8.8
OCCUPATION													
White-collar workers	3.3	3.2	3.5	3.3	3.8	4.1	4.6	4.5	4.6	4.7	5.4	4.8	4.8
Professional and technical	2.2	2.2	2.5	2.3	2.6	2.5	2.9	3.2	2.9	3.4	3.6	3.2	3.6
Managers and administrators, except farm	1.4	1.9	2.1	1.8	2.2	2.6	3.3	2.7	2.7	3.3	3.5	3.0	2.9
Sales workers	4.0	3.7	4.1	4.5	5.0	6.0	5.7	5.3	6.0	5.8	5.9	6.0	4.9
Clerical workers	5.0	4.4	4.9	4.5	5.1	5.4	6.3	6.2	6.6	6.2	7.8	6.7	6.8
Blue-collar workers	6.2	6.6	7.0	7.4	8.3	9.3	11.0	10.9	12.5	13.0	13.0	12.6	12.1
Craft and kindred workers	4.2	4.3	4.8	5.0	5.3	6.1	7.0	6.5	8.7	9.0	9.3	9.4	9.6
Operatives	6.4	7.1	7.6	8.1	9.8	10.7	13.1	13.3	14.1	14.9	14.4	14.0	12.9
Nonfarm laborers	10.6	10.5	10.3	10.8	11.0	13.0	14.3	14.1	16.2	17.2	17.7	16.0	15.9
Service workers	6.2	6.3	6.4	6.6	6.8	7.1	8.1	7.7	8.5	8.2	8.7	8.5	8.3
Farm workers	2.8	2.7	2.6	2.6	2.5	2.4	3.6	3.0	4.5	4.0	3.7	3.3	2.6
INDUSTRY													
Nonagricultural private wage and salary workers ⁴	5.5	5.6	6.0	6.2	6.8	7.7	8.7	8.8	9.3	9.8	10.1	9.6	9.2
Construction	10.7	11.3	12.0	12.0	13.5	14.9	15.0	15.9	18.1	19.3	21.8	21.0	20.8
Manufacturing	5.2	5.5	6.0	6.4	7.4	8.9	10.5	11.0	11.4	12.2	12.3	12.0	11.1
Durable goods	4.6	4.9	5.3	6.1	7.0	8.7	10.5	10.9	11.3	12.8	12.7	12.9	11.5
Nondurable goods	6.1	6.4	6.9	6.9	7.9	9.1	10.3	11.1	11.6	11.4	11.6	10.7	10.4
Transportation and public utilities	3.4	3.5	3.3	3.4	3.4	3.9	5.9	5.2	5.6	6.6	6.7	5.8	5.6
Wholesale and retail trade	6.3	6.2	6.6	6.8	7.0	8.1	8.5	8.0	8.7	9.1	8.9	8.3	8.3
Finance and service industries	4.4	4.5	4.8	4.8	5.4	5.4	6.2	6.5	6.7	6.6	7.2	6.6	6.3
Government workers	3.0	2.9	3.0	3.0	3.5	3.2	3.4	3.6	3.9	3.8	4.9	3.9	4.3
Agricultural wage and salary workers	7.7	7.0	6.7	7.9	7.2	7.9	10.2	8.8	12.0	12.6	9.4	10.5	8.4

¹ Unemployment rate calculated as a percent of civilian labor force.² Insured unemployment under State programs as a percent of average covered employment.³ Man-hours lost by the unemployed and persons on part-time for economic reasons as a percent of potentially available labor force man-hours.⁴ Includes mining, not shown separately.

A-35. Unemployed persons by duration of unemployment, seasonally adjusted

[Numbers in thousands]

Weeks of unemployment	1974						1975						
	July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July
Less than 5 weeks	2,472	2,506	2,654	2,765	2,981	3,077	3,316	2,914	3,253	2,897	3,134	2,692	2,823
5 to 14 weeks	1,522	1,449	1,701	1,754	1,931	2,062	2,663	2,597	2,619	2,695	2,620	2,498	2,120
15 weeks and over	927	940	989	1,016	1,117	1,319	1,537	1,822	1,991	2,403	2,643	2,887	2,998
15 to 26 weeks	546	560	603	640	691	782	914	1,118	1,259	1,452	1,568	1,561	1,604
27 weeks and over	381	380	386	376	426	537	623	704	732	951	1,075	1,326	1,394
Average (mean) duration, in weeks	10.1	9.9	9.7	9.8	9.8	10.0	10.7	11.7	11.4	12.9	13.4	15.4	15.4
Percent distribution													
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
Less than 5 weeks	50.2	51.2	49.7	50.0	49.4	47.6	44.1	39.7	41.4	36.2	37.3	33.3	35.5
5 to 14 weeks	30.9	29.6	31.8	31.7	32.0	31.9	35.4	35.4	33.3	33.7	31.2	30.9	26.7
15 weeks and over	18.8	19.2	18.5	18.4	18.5	20.4	20.4	24.8	25.3	30.1	31.5	35.7	37.8
15 to 26 weeks	11.1	11.4	11.3	11.6	11.5	12.1	12.2	15.2	16.0	18.2	18.7	16.4	20.2
27 weeks and over	7.7	7.8	7.2	6.8	7.1	8.3	8.3	9.6	9.3	11.9	12.8	16.4	17.6

HOUSEHOLD DATA SEASONALLY ADJUSTED

44

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

Sex and age	1974						1975						
	July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July
Total, 16 years and over	5.3	5.4	5.8	6.0	6.6	7.2	8.2	8.2	8.7	8.9	9.2	8.6	8.4
16 to 19 years	16.2	15.3	16.7	17.1	17.4	18.1	20.8	19.9	20.6	20.4	21.8	19.2	19.1
16 to 17 years	18.1	17.3	18.5	18.8	19.5	21.2	22.6	21.6	22.3	21.5	22.8	20.3	19.9
18 to 19 years	14.6	13.9	16.0	15.7	15.8	16.0	19.6	18.2	19.5	19.7	21.2	18.2	18.4
20 to 24 years	8.7	9.4	9.4	9.4	10.5	11.7	12.4	13.3	14.3	14.6	14.8	12.8	13.6
25 years and over	3.4	3.4	3.7	4.0	4.4	4.9	5.7	5.7	6.1	6.3	6.4	6.6	6.2
25 to 54 years	3.5	3.5	3.8	4.2	4.7	5.1	6.1	6.0	6.4	6.7	6.9	7.0	6.6
55 years and over	2.8	3.1	3.0	3.1	3.2	3.7	4.2	4.8	4.8	5.1	4.9	4.9	4.8
Males, 16 years and over	4.6	4.8	5.0	5.4	5.7	6.4	7.2	7.4	7.9	8.3	8.5	8.1	8.1
16 to 19 years	15.4	15.4	16.9	16.5	17.1	17.4	19.8	20.0	20.2	21.7	21.2	20.6	19.9
16 to 17 years	18.3	18.8	18.4	17.9	19.7	21.1	22.3	22.0	20.8	22.8	22.7	21.5	21.0
18 to 19 years	12.9	12.4	16.6	15.2	15.1	14.9	18.2	17.9	20.0	21.3	19.9	19.4	19.0
20 to 24 years	8.2	9.2	9.1	9.4	10.4	11.2	12.6	13.3	14.8	15.8	15.6	14.0	14.8
25 years and over	2.8	2.9	3.0	3.4	3.7	4.3	4.8	5.0	5.4	5.6	5.8	5.9	5.7
25 to 54 years	2.9	2.8	3.1	3.6	3.9	4.4	5.1	5.1	5.5	5.9	6.2	6.3	6.0
55 years and over	2.7	3.0	2.8	2.7	2.8	3.4	3.9	4.4	4.7	4.9	4.8	4.7	4.6
Females, 16 years and over	6.5	6.4	6.9	7.0	7.8	8.5	9.7	9.4	9.8	9.7	10.2	9.2	9.0
16 to 19 years	17.1	15.3	16.5	17.8	17.6	19.0	22.1	19.9	21.0	18.7	22.4	17.6	18.2
16 to 17 years	17.8	15.3	18.6	20.0	19.3	21.4	23.0	21.1	24.2	19.8	22.9	18.7	18.6
18 to 19 years	16.6	15.6	15.3	16.2	16.6	17.3	21.1	18.5	18.8	17.8	22.6	16.8	17.8
20 to 24 years	9.3	9.6	9.7	9.5	10.7	12.4	12.2	13.3	13.6	13.3	13.9	11.4	12.1
25 years and over	4.3	4.2	4.8	4.9	5.7	5.9	7.1	6.9	7.3	7.5	7.5	7.6	7.0
25 to 54 years	4.6	4.5	5.1	5.2	6.1	6.3	7.6	7.4	7.8	8.1	8.0	8.1	7.5
55 years and over	3.0	3.2	3.5	3.7	3.9	4.4	4.9	5.5	5.0	5.4	5.1	5.2	5.1

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

[Numbers in thousands]

Reason for unemployment	1974						1975						
	July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July
NUMBER OF UNEMPLOYED													
Job losers	2,037	1,993	2,256	2,418	2,840	3,190	3,831	4,017	4,369	4,657	4,863	4,808	4,567
Job leavers	768	772	745	834	784	788	760	730	798	806	869	779	826
Reentrants	1,447	1,463	1,592	1,450	1,670	1,762	1,924	1,686	1,854	1,916	2,114	1,846	1,771
New entrants	672	645	726	770	784	778	858	846	773	766	848	670	648
PERCENT DISTRIBUTION													
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
Job losers	41.4	40.9	42.4	44.2	46.7	48.9	52.0	55.2	56.1	57.2	55.9	59.3	58.5
Job leavers	15.6	15.8	14.0	15.2	12.9	12.1	10.3	10.0	10.2	9.9	10.0	9.6	10.6
Reentrants	29.4	30.0	29.9	26.5	27.5	27.0	26.1	23.2	23.8	23.5	24.3	22.8	22.7
New entrants	13.6	13.2	13.6	14.1	12.9	11.9	11.6	11.6	9.9	9.4	9.8	8.3	8.3
UNEMPLOYED AS A PERCENT OF THE CIVILIAN LABOR FORCE													
Job losers	2.2	2.2	2.5	2.6	3.1	3.5	4.2	4.4	4.8	5.0	5.2	5.2	4.9
Job leavers .....	.8	.8	.8	.9	.9	.9	.8	.8	.9	.9	.9	.8	.9
Reentrants	1.6	1.6	1.7	1.6	1.8	1.9	2.1	1.8	2.0	2.1	2.3	2.0	1.9
New entrants .....	.7	.7	.8	.8	.9	.8	.9	.9	.8	.8	.9	.7	.7

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

[Numbers in thousands]

Sex and age	1974						1975						
	July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July
Total, 16 years and over	86,403	86,274	86,402	86,304	85,689	85,202	84,562	84,027	83,849	84,086	84,402	84,444	85,078
16 to 19 years	7,268	7,307	7,529	7,483	7,365	7,249	7,140	7,020	6,982	6,956	7,071	6,946	7,016
16 to 17 years	3,076	3,026	3,168	3,149	3,066	2,988	3,067	2,917	2,911	2,870	2,871	2,844	2,887
18 to 19 years	4,180	4,220	4,379	4,324	4,285	4,260	4,100	4,116	4,073	4,098	4,241	4,113	4,155
20 to 24 years	11,934	11,883	11,991	12,031	11,949	11,809	11,688	11,544	11,451	11,462	11,619	11,672	11,696
25 years and over	67,109	67,059	66,908	66,788	66,399	66,182	65,753	65,465	65,439	65,695	65,687	65,804	66,274
25 to 54 years	53,381	53,366	53,243	53,172	52,882	52,628	52,200	51,940	51,978	52,090	52,146	52,399	52,713
55 years and over	13,708	13,688	13,663	13,631	13,471	13,555	13,567	13,569	13,510	13,554	13,536	13,438	13,560
Males, 16 years and over	52,473	52,522	52,671	52,674	52,410	51,953	51,329	51,112	50,781	50,873	51,172	50,861	51,287
16 to 19 years	4,022	4,007	4,088	4,090	4,031	3,992	3,839	3,824	3,791	3,750	3,839	3,695	3,788
16 to 17 years	1,695	1,663	1,806	1,768	1,712	1,675	1,648	1,615	1,653	1,581	1,599	1,562	1,593
18 to 19 years	2,328	2,303	2,312	2,322	2,315	2,308	2,194	2,223	2,141	2,168	2,260	2,147	2,219
20 to 24 years	6,586	6,527	6,649	6,686	6,634	6,514	6,419	6,370	6,277	6,217	6,357	6,269	6,315
25 years and over	41,811	41,942	41,939	41,900	41,764	41,492	41,066	40,906	40,763	40,931	40,942	40,905	41,126
25 to 54 years	33,140	33,243	33,197	33,154	33,090	32,805	32,497	32,350	32,324	32,350	32,460	32,485	32,592
55 years and over	8,664	8,698	8,715	8,746	8,646	8,667	8,603	8,603	8,499	8,529	8,488	8,405	8,542
Females, 16 years and over	33,930	33,752	33,731	33,630	33,279	33,249	33,233	32,915	33,068	33,213	33,230	33,583	33,791
16 to 19 years	3,246	3,300	3,411	3,393	3,334	3,257	3,301	3,196	3,191	3,206	3,232	3,251	3,228
16 to 17 years	1,381	1,363	1,362	1,381	1,354	1,313	1,419	1,302	1,258	1,289	1,272	1,282	1,294
18 to 19 years	1,852	1,917	2,067	2,002	1,970	1,952	1,906	1,893	1,932	1,930	1,981	1,966	1,936
20 to 24 years	5,348	5,356	5,342	5,345	5,315	5,295	5,269	5,174	5,174	5,245	5,262	5,403	5,381
25 years and over	25,298	25,117	24,969	24,888	24,635	24,690	24,687	24,559	24,676	24,764	24,745	24,899	25,148
25 to 54 years	20,241	20,123	20,046	20,018	19,792	19,823	19,703	19,590	19,654	19,740	19,686	19,914	20,121
55 years and over	5,044	4,990	4,948	4,885	4,825	4,888	4,964	4,966	5,011	5,025	5,048	5,033	5,018

HOUSEHOLD DATA SEASONALLY ADJUSTED

46

A-39. Employed persons by selected social and economic categories, seasonally adjusted

[In thousands]

Selected categories	1974						1975						
	July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July
Total employed	86,403	86,274	86,402	86,304	85,689	85,202	84,562	84,027	83,849	84,086	84,402	84,444	85,078
Household heads	51,024	51,057	50,914	50,957	50,737	50,427	49,933	49,672	49,613	49,796	49,924	49,903	50,241
Married men, spouse present	38,837	38,919	38,887	38,978	38,727	38,377	37,954	37,761	37,689	37,813	37,853	37,743	37,920
Married women, spouse present	19,883	19,860	19,857	19,813	19,599	19,463	19,330	19,173	19,271	19,376	19,317	19,478	19,692
Occupation													
White collar workers	41,988	41,746	41,984	41,914	41,733	41,690	42,073	41,602	41,944	42,098	42,127	42,528	42,499
Professional and technical	12,589	12,513	12,474	12,327	12,237	12,200	12,439	12,492	12,699	12,616	12,780	12,727	13,026
Managers and administrators, except farm	8,965	8,708	8,753	8,883	8,811	8,760	8,929	8,648	8,757	8,725	8,864	9,039	8,710
Sales workers	5,353	5,459	5,554	5,490	5,382	5,279	5,379	5,455	5,403	5,526	5,510	5,652	5,585
Clerical workers	15,081	15,066	15,203	15,214	15,303	15,451	15,326	15,007	15,085	15,231	14,973	15,110	15,178
Blue-collar workers	29,970	29,905	29,861	29,800	29,579	29,018	28,134	27,859	27,420	27,724	27,772	27,618	27,815
Craft and kindred workers	11,553	11,553	11,534	11,538	11,509	11,251	10,920	10,923	10,674	10,857	10,860	10,852	11,014
Operatives	14,250	14,022	13,920	13,779	13,654	13,395	13,059	12,799	12,598	12,855	12,733	12,586	12,662
Nonfarm laborers	4,167	4,330	4,407	4,483	4,416	4,372	4,155	4,137	4,148	4,012	4,179	4,180	4,139
Service workers	11,376	11,595	11,537	11,609	11,478	11,548	11,661	11,653	11,560	11,385	11,383	11,589	11,681
Farm workers	2,998	2,974	3,003	2,974	2,914	2,926	2,954	2,872	2,814	2,803	3,062	2,908	3,027
Major industry and class of worker													
Agriculture:													
Wage and salary workers	1,296	1,336	1,403	1,378	1,386	1,272	1,310	1,196	1,194	1,156	1,344	1,230	1,357
Self-employed workers	1,743	1,723	1,723	1,703	1,625	1,673	1,680	1,765	1,716	1,735	1,762	1,730	1,714
Unpaid family workers	396	373	381	374	346	356	376	345	347	358	463	381	410
Nonagricultural industries:													
Wage and salary workers	76,563	76,707	76,709	76,764	76,213	75,671	74,942	74,811	74,584	74,759	74,768	75,114	75,350
Private households	1,372	1,418	1,382	1,370	1,267	1,259	1,326	1,301	1,342	1,315	1,411	1,472	1,353
Government	14,139	14,030	13,979	13,997	14,039	14,231	14,351	14,404	14,387	14,512	14,440	14,558	14,744
Other	61,052	61,259	61,348	61,397	60,907	60,181	59,265	59,106	58,855	58,932	58,917	59,084	59,253
Self-employed workers	5,759	5,749	5,694	5,735	5,704	5,641	5,561	5,375	5,519	5,648	5,569	5,659	5,689
Unpaid family workers	460	412	540	482	484	498	549	498	474	469	508	401	401
Persons at work¹													
Nonagricultural industries	78,017	77,851	77,887	77,768	77,417	76,526	76,592	75,914	75,679	76,371	76,098	76,288	75,305
Full-time schedules	64,692	64,639	64,562	64,306	63,694	62,733	62,295	61,822	61,456	61,943	61,917	61,853	61,138
Part time for economic reasons	2,450	2,557	2,808	2,929	3,180	3,375	3,837	3,747	3,916	3,884	3,877	3,354	3,179
Usually work full time	1,158	1,180	1,269	1,377	1,575	1,847	2,037	2,047	1,887	1,883	1,764	1,530	1,486
Usually work part time	1,292	1,377	1,539	1,552	1,605	1,528	1,800	1,700	2,029	2,001	2,113	1,824	1,693
Part time for noneconomic reasons	10,875	10,655	10,517	10,533	10,543	10,418	10,460	10,345	10,307	10,544	10,304	11,081	10,988

¹ Excludes persons "with a job but not at work" during the survey period for such reasons as vacation, illness, or industrial dispute.

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

(Numbers in thousands)

Employment status	July 1974	June 1975	July 1975	Seasonally adjusted					
				July 1974	Mar. 1975	Apr. 1975	May 1975	June 1975	July 1975
VETERANS ¹									
Total, 20 to 34 years:									
Civilian noninstitutional population ²	6,172	6,444	6,464	6,172	6,387	6,403	6,423	6,444	6,464
Civilian labor force	5,881	6,070	6,095	5,813	5,980	6,002	6,056	6,063	6,049
Employed	5,606	5,528	5,548	5,526	5,443	5,409	5,484	5,474	5,471
Unemployed	275	542	547	287	537	593	572	589	578
Unemployment rate	4.7	8.9	9.0	4.9	9.0	9.9	9.4	9.7	9.6
20 to 24 years									
Civilian noninstitutional population ²	1,364	1,173	1,158	1,364	1,218	1,201	1,187	1,173	1,158
Civilian labor force	1,245	1,028	1,019	1,228	1,044	1,048	1,045	1,024	1,010
Employed	1,131	839	849	1,109	861	809	823	820	832
Unemployed	114	189	170	119	183	239	222	204	178
Unemployment rate	9.2	18.4	16.7	9.7	17.5	22.8	21.2	19.9	17.6
25 to 29 years									
Civilian noninstitutional population ²	3,435	3,481	3,476	3,435	3,499	3,492	3,486	3,481	3,476
Civilian labor force	3,295	3,300	3,302	3,250	3,326	3,287	3,304	3,289	3,260
Employed	3,161	3,049	3,022	3,115	3,055	3,046	3,071	3,022	2,977
Unemployed	134	251	280	135	271	241	233	267	283
Unemployment rate	4.1	7.6	8.5	4.2	8.1	7.3	7.1	8.1	8.6
30 to 34 years									
Civilian noninstitutional population ²	1,373	1,790	1,830	1,373	1,670	1,710	1,750	1,790	1,830
Civilian labor force	1,341	1,742	1,774	1,335	1,610	1,667	1,707	1,750	1,779
Employed	1,314	1,640	1,677	1,302	1,527	1,554	1,590	1,632	1,662
Unemployed	27	102	97	33	83	113	117	118	117
Unemployment rate	2.0	5.9	5.5	2.5	5.2	6.8	6.9	6.7	6.6
NONVETERANS									
Total, 20 to 34 years:									
Civilian noninstitutional population ²	15,009	15,844	15,928	15,009	15,610	15,688	15,769	15,844	15,928
Civilian labor force	14,005	14,601	14,819	13,482	14,083	14,145	14,364	14,162	14,305
Employed	13,258	13,070	13,339	12,726	12,599	12,674	12,834	12,747	12,807
Unemployed	747	1,531	1,480	756	1,484	1,471	1,530	1,415	1,498
Unemployment rate	5.3	10.5	10.0	5.6	10.5	10.4	10.7	10.0	10.5
20 to 24 years									
Civilian noninstitutional population ²	7,071	7,563	7,601	7,071	7,441	7,487	7,527	7,563	7,601
Civilian labor force	6,431	6,720	6,881	5,910	6,344	6,343	6,508	6,261	6,349
Employed	5,950	5,771	5,939	5,443	5,411	5,423	5,550	5,455	5,434
Unemployed	481	949	942	467	933	920	958	806	915
Unemployment rate	7.5	14.1	13.7	7.9	14.7	14.5	14.7	12.9	14.4
25 to 29 years									
Civilian noninstitutional population ²	4,099	4,406	4,446	4,099	4,296	4,329	4,368	4,406	4,446
Civilian labor force	3,877	4,157	4,208	3,864	4,090	4,088	4,155	4,163	4,207
Employed	3,730	3,784	3,874	3,705	3,741	3,804	3,800	3,773	3,847
Unemployed	147	373	334	159	349	284	355	390	360
Unemployment rate	3.8	9.0	7.9	4.1	8.5	6.9	8.5	9.4	8.6
30 to 34 years									
Civilian noninstitutional population ²	3,839	3,875	3,881	3,839	3,873	3,872	3,874	3,875	3,881
Civilian labor force	3,697	3,724	3,730	3,708	3,649	3,714	3,701	3,738	3,749
Employed	3,578	3,515	3,526	3,578	3,447	3,447	3,484	3,519	3,526
Unemployed	119	209	204	130	202	267	217	219	223
Unemployment rate	3.2	5.6	5.5	3.5	5.5	7.2	5.9	5.9	5.9

¹ Vietnam-era veterans are those who served after August 4, 1964.

appear in the unadjusted and seasonally adjusted columns.

² Since seasonal variations are not present in the population figures, identical numbers

ESTABLISHMENT DATA HISTORICAL EMPLOYMENT

B-1. Employees on nonagricultural payrolls, by industry division 1919 to date

(In thousands)

Year and month	Total	Goods-producing				Service-producing									
		Total	Mining	Contract 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	-	-
1925.....	28,778	12,474	1,089	1,446	9,939	16,304	3,826	5,576	-	-	1,233	2,869	2,800	-	-
1926.....	29,819	12,896	1,185	1,555	10,156	16,923	3,942	5,784	-	-	1,305	3,046	2,846	-	-
1927.....	29,976	12,723	1,114	1,608	10,001	17,253	3,895	5,908	-	-	1,367	3,168	2,915	-	-
1928.....	30,000	12,603	1,050	1,606	9,947	17,397	3,828	5,874	-	-	1,435	3,265	2,995	-	-
1929.....	31,339	13,286	1,087	1,497	10,702	18,053	3,916	6,123	-	-	1,509	3,440	3,065	533	2,532
1930.....	29,424	11,943	1,009	1,372	9,562	17,481	3,685	5,797	-	-	1,475	3,376	3,148	526	2,622
1931.....	26,649	10,257	873	1,214	8,170	16,392	3,254	5,284	-	-	1,407	3,183	3,264	560	2,704
1932.....	23,628	8,632	731	970	6,931	14,996	2,816	4,683	-	-	1,341	2,931	3,225	559	2,666
1933.....	23,711	8,950	744	809	7,397	14,761	2,672	4,755	-	-	1,295	2,873	3,166	565	2,601
1934.....	25,953	10,246	883	862	8,501	15,707	2,750	5,281	-	-	1,319	3,058	3,299	652	2,647
1935.....	27,053	10,878	897	912	9,069	16,175	2,786	5,431	-	-	1,335	3,142	3,481	753	2,728
1936.....	29,082	11,918	946	1,145	9,827	17,164	2,973	5,809	-	-	1,388	3,326	3,668	826	2,842
1937.....	31,026	12,921	1,015	1,112	10,794	18,105	3,134	6,265	-	-	1,432	3,518	3,756	833	2,923
1938.....	29,209	11,386	891	1,055	9,440	17,823	2,863	6,179	-	-	1,425	3,473	3,883	829	3,054
1939.....	30,618	12,282	854	1,150	10,278	18,336	2,936	6,426	1,684	4,742	1,462	3,517	3,995	905	3,090
1940.....	32,376	13,204	925	1,294	10,985	19,173	3,038	6,750	1,754	4,996	1,502	3,681	4,202	996	3,206
1941.....	36,554	15,939	957	1,790	13,192	20,614	3,274	7,210	1,873	5,338	1,549	3,921	4,660	1,340	3,320
1942.....	40,125	18,442	992	2,170	15,280	21,683	3,460	7,118	1,821	5,297	1,538	4,084	5,483	2,213	3,270
1943.....	42,452	20,094	925	1,567	17,602	22,359	3,647	6,982	1,741	5,241	1,502	4,148	6,080	2,905	3,174
1944.....	41,883	19,314	892	1,094	17,328	22,569	3,829	7,058	1,762	5,296	1,476	4,163	6,043	2,928	3,116
1945.....	40,394	17,492	836	1,132	15,524	22,902	3,906	7,314	1,862	5,452	1,497	4,241	5,944	2,808	3,137
1946.....	41,674	17,226	862	1,661	14,703	24,448	4,061	8,376	2,190	6,186	1,697	4,719	5,595	2,254	3,341
1947.....	43,881	18,482	955	1,982	15,545	25,399	4,166	8,955	2,361	6,595	1,754	5,050	5,474	1,892	3,582
1948.....	44,891	18,745	994	2,169	15,582	26,146	4,189	9,272	2,489	6,783	1,829	5,206	5,650	1,863	3,787
1949.....	43,778	17,536	930	2,165	14,441	26,242	4,001	9,264	2,487	6,778	1,857	5,264	5,856	1,908	3,948
1950.....	45,222	18,475	901	2,333	15,241	26,747	4,034	9,386	2,518	6,868	1,919	5,382	6,026	1,928	4,098
1951.....	47,849	19,925	929	2,603	16,393	27,924	4,226	9,742	2,606	7,136	1,991	5,576	6,389	2,302	4,087
1952.....	48,825	20,164	898	2,634	16,632	28,660	4,248	10,004	2,687	7,317	2,069	5,730	6,609	2,420	4,188
1953.....	50,232	21,038	866	2,623	17,549	29,195	4,290	10,247	2,727	7,520	2,146	5,867	6,645	2,305	4,340
1954.....	49,022	19,717	791	2,612	16,314	29,306	4,084	10,235	2,739	7,496	2,234	6,002	6,751	2,188	4,563
1955.....	50,675	20,476	792	2,802	16,882	30,199	4,141	10,535	2,796	7,740	2,335	6,274	6,914	2,187	4,727
1956.....	52,408	21,064	822	2,999	17,243	31,344	4,244	10,858	2,884	7,974	2,429	6,536	7,277	2,209	5,069
1957.....	52,894	20,925	828	2,923	17,174	31,969	4,241	10,886	2,893	7,992	2,477	6,749	7,616	2,217	5,399
1958.....	51,363	19,474	751	2,778	15,945	31,890	3,976	10,750	2,848	7,902	2,519	6,806	7,839	2,191	5,648
1959.....	53,313	20,367	732	2,960	16,675	32,945	4,011	11,127	2,946	8,182	2,594	7,130	8,083	2,233	5,850
1960.....	54,234	20,393	712	2,885	16,796	33,840	4,004	11,391	3,004	8,388	2,669	7,423	8,353	2,270	6,083
1961.....	54,042	19,814	672	2,816	16,326	34,229	3,903	11,337	2,993	8,344	2,731	7,664	8,594	2,279	6,315
1962.....	55,596	20,405	650	2,902	16,853	35,190	3,906	11,566	3,056	8,511	2,800	8,028	8,890	2,340	6,550
1963.....	56,702	20,593	635	2,963	16,995	36,108	3,903	11,778	3,104	8,675	2,877	8,325	9,225	2,358	6,868
1964.....	58,331	20,958	634	3,050	17,274	37,373	3,951	12,160	3,189	8,971	2,957	8,709	9,596	2,348	7,248
1965.....	60,815	21,880	632	3,186	18,062	38,936	4,036	12,716	3,312	9,404	3,023	9,087	10,074	2,378	7,696
1966.....	63,955	23,116	627	3,275	19,214	40,839	4,151	13,245	3,437	9,808	3,100	9,551	10,792	2,564	8,227
1967.....	65,857	23,268	613	3,208	19,447	42,589	4,261	13,606	3,525	10,081	3,225	10,099	11,398	2,719	8,679
1968.....	67,951	23,693	606	3,306	19,781	44,258	4,311	14,099	3,611	10,488	3,381	10,622	11,845	2,737	9,109
1969.....	70,442	24,311	619	3,525	20,167	46,130	4,435	14,704	3,733	10,971	3,562	11,228	12,202	2,758	9,444
1970.....	70,920	23,507	623	3,536	19,349	47,412	4,504	15,040	3,816	11,225	3,687	11,621	12,561	2,731	9,830
1971.....	71,222	22,820	609	3,639	18,572	48,401	4,457	15,352	3,823	11,529	3,802	11,903	12,887	2,696	10,192
1972.....	73,714	23,546	625	3,831	19,090	50,167	4,517	15,975	3,943	12,032	3,943	12,392	13,340	2,684	10,656
1973.....	76,833	24,720	638	4,028	20,054	52,113	4,646	16,665	4,118	12,547	4,075	12,986	13,742	2,663	11,079
1974.....	78,334	24,673	672	3,985	20,016	53,661	4,669	17,011	4,259	12,751	4,161	13,506	14,285	2,724	11,560
July.....	78,322	24,941	688	4,187	20,066	53,381	4,740	17,064	4,295	12,769	4,219	13,665	13,693	2,784	10,909
Aug.....	78,561	25,264	690	4,286	20,288	53,297	4,734	17,058	4,306	12,752	4,222	13,668	13,615	2,759	10,856
Sept.....	79,097	25,229	688	4,191	20,350	53,868	4,721	17,153	4,288	12,865	4,180	13,647	14,167	2,728	11,439
Oct.....	79,429	24,985	693	4,150	20,142	54,444	4,718	17,225	4,313	12,912	4,172	13,719	14,610	2,721	11,889
Nov.....	79,125	24,437	693	3,981	19,763	54,688	4,702	17,342	4,309	13,033	4,166	13,707	14,771	2,724	12,047
Dec.....	78,441	23,554	657	3,722	19,175	54,887	4,663	17,591	4,288	13,303	4,161	13,665	14,807	2,756	12,051
1975:															
Jan.....	76,185	22,599	689	3,372	18,538	53,586	4,552	16,687	4,217	12,470	4,131	13,513	14,703	2,711	11,992
Feb.....	75,753	22,048	687	3,229	18,132	53,705	4,497	16,475	4,180	12,295	4,127	13,606	15,000	2,719	12,281
Mar.....	75,755	21,914	691	3,218	18,005	53,841	4,476	16,509	4,173	12,336	4,132	13,658	15,066	2,724	12,342
Apr.....	76,134	21,997	697	3,333	17,967	54,137	4,479	16,664	4,171	12,493	4,146	13,768	15,080	2,732	12,348
May.....	76,641	22,214	711	3,465	18,038	54,427	4,495	16,791	4,179	12,612	4,161	13,869	15,111	2,741	12,370
June ^p	77,086	22,506	723	3,571	18,212	54,580	4,532	16,930	4,208	12,722	4,200	13,904	15,014	2,771	12,243
July ^p	76,143	22,260	723	3,589	17,948	53,883	4,515	16,877	4,228	12,649	4,223	13,931	14,337	2,789	11,548

p = 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 EMPLOYMENT

50

B-2. Employees on nonagricultural payrolls, by industry

[In thousands]

SIC Code	Industry	All employees					Production workers ¹				
		June 1974	July 1974	May 1975	June 1975 ^P	July 1975 ^P	June 1974	July 1974	May 1975	June 1975 ^P	July 1975 ^P
-	TOTAL	79,287	78,322	76,641	77,086	76,143	-	-	-	-	-
-	PRIVATE SECTOR	64,965	64,629	61,530	62,072	61,806	53,750	53,373	50,433	50,947	50,629
-	MINING	684	688	711	723	723	522	523	540	550	547
10	METAL MINING	94.6	94.1	89.8	91.2	-	75.0	74.3	70.2	71.1	-
101	Iron ores	24.6	24.8	25.4	26.0	-	20.0	20.2	20.6	21.1	-
102	Copper ores	44.2	43.3	37.1	37.4	-	34.9	33.9	28.3	28.4	-
11,12	COAL MINING	171.6	172.6	192.1	194.0	-	147.4	147.6	164.0	165.8	-
12	Bituminous coal and lignite mining	168.3	169.3	188.0	189.8	-	144.5	144.7	160.4	162.1	-
13	OIL AND GAS EXTRACTION	293.6	297.8	311.5	319.2	-	198.4	200.9	212.6	218.3	-
131,2	Crude petroleum and natural gas fields	145.0	147.8	150.6	155.2	-	73.3	74.7	77.1	79.8	-
138	Oil and gas field services	148.6	150.0	160.9	164.0	-	125.1	126.2	135.5	138.5	-
14	NONMETALLIC MINERALS, EXCEPT FUELS	124.0	123.9	117.6	118.9	-	100.9	99.9	93.4	94.5	-
142	Crushed and broken stone	44.6	45.0	42.4	42.8	-	36.6	37.1	34.3	34.8	-
144	Sand and gravel	39.9	39.7	36.6	37.1	-	-	-	-	-	-
-	CONTRACT CONSTRUCTION	4,190	4,187	3,465	3,571	3,589	3,442	3,440	2,768	2,871	2,884
15	GENERAL BUILDING CONTRACTORS	1,314.7	1,314.8	1,060.6	1,092.1	-	1,057.1	1,058.2	835.3	865.6	-
16	HEAVY CONSTRUCTION CONTRACTORS	841.4	846.8	701.0	741.5	-	718.6	726.7	583.4	623.8	-
161	Highway and street construction	393.9	400.1	319.0	346.9	-	346.7	353.2	275.7	303.0	-
162	Heavy construction, nec	447.5	446.7	382.0	394.6	-	371.9	373.5	307.7	320.8	-
17	SPECIAL TRADE CONTRACTORS	2,034.3	2,025.3	1,703.6	1,737.7	-	1,665.9	1,655.3	1,349.6	1,381.1	-
171	Plumbing, heating, air conditioning	486.1	484.6	414.3	424.4	-	380.3	378.7	311.4	321.6	-
172	Painting, paper hanging, decorating	152.8	156.5	126.5	131.1	-	133.8	137.4	107.8	112.3	-
173	Electrical work	355.2	359.1	310.7	315.3	-	284.8	288.0	241.8	245.3	-
174	Masonry, stonework, and plastering	248.4	243.8	196.6	196.1	-	220.3	216.4	170.5	169.6	-
176	Roofing and sheet metal work	135.7	136.6	118.5	119.7	-	111.7	112.3	95.0	96.1	-
-	MANUFACTURING	20,345	20,066	18,038	18,212	17,948	14,903	14,605	12,799	12,966	12,709
19,24,25,32-39	DURABLE GOODS	12,071	11,903	10,523	10,568	10,355	8,819	8,632	7,412	7,458	7,252
20-23,26-31	NONDURABLE GOODS	8,274	8,163	7,515	7,644	7,593	6,084	5,973	5,387	5,508	5,457
	DURABLE GOODS										
19	ORDNANCE AND ACCESSORIES	179.4	181.6	179.3	178.7	176.8	82.9	83.3	83.0	82.3	81.9
192	Ammunition, except for small arms	123.4	123.3	116.9	116.3	113.8	49.0	48.4	44.8	44.1	43.3
1925	Complete guided missiles	91.5	92.3	91.3	91.8	-	23.9	24.0	25.4	25.6	-
1929	Ammunition, exc. for small arms, nec	31.9	31.0	25.6	24.5	-	25.1	24.4	19.4	18.5	-
24	LUMBER AND WOOD PRODUCTS	669.7	663.0	555.0	579.5	587.8	572.6	565.0	461.2	482.8	488.3
241	Logging camps and logging contractors	92.1	92.6	70.3	79.2	82.4	-	-	-	-	-
242	Sawmills and planing mills	229.6	228.1	191.6	198.1	199.8	206.5	205.0	168.7	175.4	174.9
2421	Sawmills and planing mills, general	195.6	194.6	164.5	170.1	-	176.1	175.1	145.1	150.8	-
243	Millwork, plywood and related products	216.1	212.9	185.2	191.9	(*)	179.0	175.3	149.5	156.3	(*)
2431	Millwork	91.2	89.0	78.5	82.6	-	74.0	72.0	62.5	66.5	-
2432	Veneer and plywood	83.7	82.5	72.6	74.3	-	74.0	72.5	63.3	65.0	-
244	Wooden containers	26.9	25.8	21.2	21.7	(*)	24.2	23.0	18.6	19.2	(*)
2441,2	Wooden boxes, shooks, and crates	21.6	21.0	16.9	17.1	-	19.5	18.9	15.0	15.3	-
249	Miscellaneous wood products	105.0	103.6	86.7	88.6	87.4	86.7	85.2	69.4	71.1	69.9

See footnotes at end of table.

B-2. Employees on nonagricultural payrolls, by industry—Continued

[In thousands]

SIC Code	Industry	All employees					Production workers ¹				
		June 1974	July 1974	May 1975	June 1975 ^P	July 1975 ^P	June 1974	July 1974	May 1975	June 1975 ^P	July 1975 ^P
DURABLE GOODS—Continued											
25	FURNITURE AND FIXTURES	540.2	521.0	444.2	447.9	435.4	445.2	427.5	357.3	360.9	349.7
251	Household furniture	388.5	372.1	318.3	323.1	312.0	328.7	313.8	264.7	269.0	258.7
2511	Wood household furniture	202.7	192.1	163.3	166.0	—	178.5	168.9	141.8	144.1	—
2512	Upholstered household furniture	107.2	104.2	90.0	92.1	—	88.5	86.1	73.3	75.3	—
2515	Mattresses and bedsprings	37.7	37.3	32.1	32.7	—	28.9	28.3	24.0	24.4	—
252	Office furniture	46.1	45.7	35.3	34.9	—	36.9	36.3	26.5	26.3	—
254	Partitions and fixtures	56.2	56.2	46.9	46.8	—	43.1	42.8	34.2	34.1	—
253,9	Other furniture and fixtures	49.4	47.0	43.7	43.1	43.7	36.5	34.6	31.9	31.5	32.3
32	STONE, CLAY, AND GLASS PRODUCTS	707.4	707.6	610.1	617.9	607.1	569.2	567.9	479.9	488.3	479.3
321	Flat glass	24.8	24.5	16.8	17.0	—	17.6	17.4	11.7	12.0	—
322	Glass and glassware, pressed or blown	136.3	136.8	121.8	124.2	122.9	117.8	118.2	103.9	106.2	104.8
3221	Glass containers	76.5	76.7	71.2	73.7	—	67.7	67.8	62.5	64.8	—
3229	Pressed and blown glass, nec	59.8	60.1	50.6	50.5	—	50.1	50.4	41.4	41.4	—
324	Cement, hydraulic	33.7	33.9	30.1	30.2	30.4	26.7	26.9	23.6	23.9	24.0
325	Structural clay products	60.7	60.3	49.8	50.6	50.8	50.7	50.2	39.9	40.9	40.9
3251	Brick and structural clay tile	27.2	27.0	21.1	21.7	—	23.5	23.3	17.6	18.2	—
326	Pottery and related products	49.8	48.2	42.1	42.0	—	42.5	40.7	34.8	34.9	—
327	Concrete, gypsum, and plaster products	218.0	220.2	191.1	194.5	195.2	172.5	173.7	148.3	151.5	152.2
328,9	Other stone and nonmetallic mineral products	148.3	148.2	128.3	128.8	126.6	113.9	113.6	95.3	96.1	94.7
3291	Abrasive products	28.3	28.3	23.2	22.7	—	20.3	20.4	15.9	15.5	—
33	PRIMARY METAL INDUSTRIES	1,357.0	1,343.7	1,167.1	1,157.3	1,113.3	1,088.4	1,070.8	907.2	898.8	853.4
331	Blast furnace and basic steel products	616.8	619.0	544.7	538.0	(*)	494.5	495.4	422.9	417.2	(*)
3312	Blast furnaces and steel mills	529.9	533.1	471.9	465.6	—	426.1	428.5	368.1	362.6	—
332	Iron and steel foundries	247.0	243.0	222.9	221.0	(*)	207.2	201.2	183.5	181.6	(*)
3321	Gray iron foundries	158.7	155.4	137.7	136.2	—	134.8	131.0	115.3	113.8	—
3322	Malleable iron foundries	23.2	23.9	21.2	20.9	—	19.4	18.9	16.6	16.4	—
3323	Steel foundries	65.1	63.7	64.0	63.9	—	53.0	51.3	51.6	51.4	—
333,4	Nonferrous metals	92.4	92.7	80.5	79.4	79.8	71.7	71.8	60.6	59.5	60.1
3334	Primary aluminum	33.1	33.5	28.2	27.4	—	26.9	27.3	22.2	21.6	—
335	Nonferrous rolling and drawing	226.7	220.9	176.5	178.0	173.3	170.9	164.6	126.1	128.0	122.9
3351	Copper rolling and drawing	41.8	39.5	30.9	31.5	—	32.3	29.5	22.5	23.2	—
3352	Aluminum rolling and drawing	73.6	71.6	52.7	53.2	—	53.6	51.4	35.8	36.3	—
3357	Nonferrous wire drawing and insulating	90.2	88.9	75.1	75.5	—	69.5	68.4	55.5	56.1	—
336	Nonferrous foundries	95.2	90.8	72.6	71.9	68.2	80.4	76.0	59.0	58.5	55.3
3361	Aluminum castings	51.9	50.1	38.9	38.2	—	44.3	42.6	31.8	31.1	—
3362,9	Other nonferrous castings	43.3	40.7	33.7	33.7	—	36.1	33.4	27.2	27.4	—
339	Miscellaneous primary metal products	78.9	77.3	69.9	69.0	(*)	63.7	61.8	55.1	54.0	(*)
3391	Iron and steel forgings	50.0	49.9	46.0	45.0	—	40.8	40.3	36.8	35.7	—
34	FABRICATED METAL PRODUCTS	1,516.3	1,494.7	1,300.5	1,309.7	1,280.9	1,162.9	1,141.1	967.6	978.0	949.7
341	Metal cans	72.5	72.8	62.1	63.3	64.4	62.7	62.9	53.4	54.6	55.4
342	Cutlery, hand tools, and hardware	174.7	174.2	149.7	148.2	142.9	136.2	135.4	113.1	112.1	106.7
3421,3,5	Cutlery and hand tools, including saws	77.8	76.4	66.8	65.3	—	61.1	59.8	50.3	49.0	—
3429	Hardware, nec	96.9	97.8	82.9	82.9	—	75.1	75.6	62.8	63.1	—
343	Plumbing and heating, except electric	76.9	73.4	61.2	61.6	59.9	57.2	53.6	43.2	44.0	42.3
3431,2	Sanitary ware and plumbers' brass goods	36.7	34.5	27.5	27.7	—	28.8	26.7	20.2	20.7	—
3433	Heating equipment, except electric	40.2	38.9	33.7	33.9	—	28.4	26.9	23.0	23.3	—
344	Fabricated structural metal products	494.1	491.3	440.6	447.4	442.6	352.2	349.5	305.3	311.9	308.1
3441	Fabricated structural steel	109.6	108.9	105.5	106.2	—	79.2	79.0	76.0	76.3	—
3442	Metal doors, sash, and trim	79.1	78.7	62.3	65.6	—	58.1	57.5	43.8	47.1	—
3443	Fabricated plate work (boiler shops)	139.9	138.5	138.5	138.4	—	94.3	92.7	92.2	92.7	—
3444	Sheet metal work	97.9	97.5	81.7	83.8	—	72.8	72.4	58.3	60.0	—
3448,9	Architectural and miscellaneous metal work	67.6	67.7	52.6	53.4	—	47.8	47.9	35.0	35.8	—
345	Screw machine products, bolts, etc	112.1	111.7	92.5	91.3	90.4	89.7	89.4	71.4	70.3	69.5
3451	Screw machine products	51.7	51.0	41.5	41.2	—	43.4	42.9	33.8	33.5	—
3452	Bolts, nuts, rivets, and washers	60.4	60.7	51.0	50.1	—	46.3	46.5	37.6	36.8	—
346	Metal stampings	240.6	233.5	202.9	204.2	191.9	196.3	188.6	161.3	163.0	150.6
347	Metal services, nec	95.2	92.0	80.1	81.3	80.0	79.0	76.3	64.4	65.4	64.4
348	Miscellaneous fabricated wire products	73.6	70.9	56.9	57.7	57.4	59.2	56.7	43.8	44.6	44.1
349	Miscellaneous fabricated metal products	176.6	174.9	154.5	154.7	151.4	130.4	128.7	111.7	112.1	108.6
3494,8	Valves, pipe, and pipe fittings	110.4	109.8	103.5	103.4	—	77.6	76.9	71.7	71.5	—

See footnotes at end of table.

ESTABLISHMENT DATA EMPLOYMENT

52

B-2. Employees on nonagricultural payrolls, by industry—Continued

[In thousands]

SIC Code	Industry	All employees					Production workers ¹				
		June 1974	July 1974	May 1975	June 1975 P	July 1975 P	June 1974	July 1974	May 1975	June 1975 P	July 1975 P
DURABLE GOODS—Continued											
35	MACHINERY, EXCEPT ELECTRICAL	2, 221.0	2, 188.4	2, 043.8	2, 030.3	1, 970.5	1, 499.6	1, 462.8	1, 325.9	1, 313.8	1, 252.3
351	Engines and turbines	122.0	118.9	110.3	110.0	108.3	80.8	78.2	69.7	69.7	67.9
3511	Steam engines and turbines	45.9	44.2	44.3	44.4	—	24.4	23.2	23.4	23.5	—
3519	Internal combustion engines, nec	76.1	74.7	66.0	65.6	—	56.4	55.0	46.3	46.2	—
352	Farm machinery	165.1	158.6	151.8	146.3	—	121.3	115.4	109.4	104.3	—
353	Construction and related machinery	340.2	339.1	338.4	338.9	(*)	226.4	224.8	221.5	222.8	(*)
3531,2	Construction and mining machinery	191.7	190.2	189.5	188.6	—	130.4	128.4	125.2	124.6	—
3533	Oil field machinery	50.4	50.7	60.8	61.8	—	35.7	36.2	43.4	44.8	—
3535,6	Conveyors, hoists, cranes, monorails	45.2	45.0	44.5	44.6	—	28.2	27.6	26.9	26.9	—
3537	Industrial trucks and tractors	37.1	37.2	30.2	30.5	—	24.1	24.3	19.3	19.7	—
354	Metal working machinery	348.0	338.3	306.0	304.8	(*)	260.2	249.6	222.1	220.8	(*)
3541	Machine tools, metal cutting types	67.6	66.9	65.0	63.8	—	45.3	43.9	43.3	42.2	—
3544	Special dies, tools, jigs, and fixtures	131.8	125.2	114.1	113.4	—	107.0	100.9	90.9	89.7	—
3545	Machine tool accessories	63.0	60.5	56.8	56.0	—	46.6	44.0	41.2	40.1	—
3542,8	Miscellaneous metal working machinery	85.6	85.7	70.1	71.6	—	61.3	60.8	46.7	48.8	—
355	Special industry machinery	207.4	203.6	181.9	181.0	(*)	137.6	135.0	115.2	114.8	(*)
3551	Food products machinery	45.5	45.2	42.2	41.8	—	30.4	30.1	27.6	27.3	—
3552	Textile machinery	39.4	37.3	29.4	29.1	—	29.9	28.9	20.4	20.6	—
3555	Printing trades machinery	31.2	30.0	27.3	27.1	—	19.2	18.3	16.6	16.1	—
356	General industrial machinery	312.4	311.0	294.2	294.9	289.3	212.8	210.2	193.4	193.7	187.0
3561	Pumps and compressors	83.8	84.6	82.0	82.6	—	52.3	52.4	49.4	49.9	—
3562	Ball and roller bearings	57.3	56.9	52.7	53.2	—	44.8	44.2	39.9	40.4	—
3564	Blowers and fans	40.7	40.7	37.3	37.0	—	26.7	26.6	23.6	23.5	—
3566	Power transmission equipment	55.9	54.9	51.1	50.8	—	40.8	39.7	36.6	36.3	—
357	Office and computing machines	297.2	298.3	283.3	281.8	278.4	137.4	135.7	117.4	115.6	112.6
3573	Electronic computing equipment	213.8	215.0	209.2	208.6	—	79.9	78.9	71.5	70.9	—
358	Service industry machines	174.3	172.1	141.3	138.3	(*)	122.8	119.4	95.3	92.0	(*)
3585	Refrigeration machinery	122.9	121.8	96.7	93.9	—	88.0	85.9	66.2	63.2	—
359	Miscellaneous machinery, except electrical ..	254.4	248.5	236.6	234.3	(*)	200.3	194.5	181.9	180.1	(*)
36	ELECTRICAL EQUIPMENT AND SUPPLIES ..	2, 056.1	2, 040.3	1, 710.8	1, 712.4	1, 689.9	1, 402.2	1, 381.5	1, 102.2	1, 107.4	1, 090.7
361	Electric test and distributing equipment	227.7	225.5	190.2	188.1	184.3	158.9	156.2	125.3	123.6	121.2
3611	Electric measuring instruments	80.4	79.8	70.0	69.6	—	52.2	51.1	42.5	42.1	—
3612	Transformers	62.7	61.5	49.3	47.9	—	46.7	45.5	34.6	33.3	—
3613	Switchgear and switchboard apparatus	84.6	84.2	70.9	70.6	—	60.0	59.6	48.2	48.2	—
362	Electrical industrial apparatus	231.5	231.2	192.5	193.4	189.9	166.7	165.9	132.2	132.9	130.3
3621	Motors and generators	115.1	114.3	93.4	94.6	—	85.4	84.7	67.3	68.4	—
3622	Industrial controls	69.7	70.0	59.6	59.2	—	46.9	46.6	37.8	37.3	—
363	Household appliances	196.0	199.9	149.0	153.0	150.1	153.1	157.5	111.4	115.5	112.7
3632	Household refrigerators and freezers	47.9	53.8	36.4	37.8	—	37.5	44.6	27.4	28.9	—
3633	Household laundry equipment	29.9	28.9	23.5	23.7	—	23.6	22.6	17.7	17.9	—
3634	Electric housewares and fans	58.4	58.2	44.6	45.7	—	46.2	45.7	33.9	34.9	—
364	Electric lighting and wiring equipment	225.6	219.6	178.2	179.4	(*)	176.3	168.5	134.5	135.7	(*)
3641	Electric lamps	41.7	41.4	36.6	36.2	—	37.2	36.0	32.4	32.2	—
3642	Lighting fixtures	72.7	71.1	59.1	59.6	—	56.6	54.5	44.4	44.8	—
3643,4	Wiring devices	111.2	107.1	82.5	83.6	—	82.5	78.0	57.7	58.7	—
365	Radio and TV receiving equipment	145.4	150.2	122.3	121.6	122.1	106.5	109.9	87.2	86.9	87.2
366	Communication equipment	449.9	448.8	422.5	419.0	414.1	235.0	233.6	212.9	211.0	208.6
3661	Telephone and telegraph apparatus	169.9	168.2	146.6	143.0	—	111.2	110.1	93.7	91.2	—
3662	Radio and TV communication equipment	280.0	280.6	275.9	276.0	—	123.8	123.5	119.2	119.8	—
367	Electronic components and accessories	444.1	434.0	336.8	336.9	332.0	298.8	287.7	207.8	209.4	205.9
3671,3	Electron tubes	53.0	52.4	44.6	44.9	—	36.1	35.6	29.0	29.1	—
3674,9	Other electronic components	391.1	381.6	292.2	292.0	—	262.7	252.1	178.8	180.3	—
369	Miscellaneous electrical equipment	135.9	131.1	119.3	121.0	118.6	106.9	102.2	90.9	92.4	90.2
3694	Engine electrical equipment	69.1	67.3	63.0	63.6	—	55.5	53.6	49.4	50.0	—
37	TRANSPORTATION EQUIPMENT	1, 825.9	1, 783.4	1, 627.3	1, 639.0	1, 612.0	1, 298.4	1, 251.7	1, 136.6	1, 145.2	1, 119.8
371	Motor vehicles and equipment	878.2	840.6	736.7	747.1	(*)	676.1	636.3	564.7	571.8	(*)
3711	Motor vehicles	370.6	348.7	315.0	317.1	—	265.9	243.8	231.5	231.9	—
3712	Passenger car bodies	38.0	34.3	35.8	36.1	—	30.9	26.8	28.5	28.5	—
3713	Truck and bus bodies	47.0	46.5	38.0	38.3	—	37.7	37.3	29.2	29.5	—
3714	Motor vehicle parts and accessories	390.0	378.8	329.5	338.3	—	315.6	302.6	262.6	269.7	—
3715	Truck trailers	32.6	32.3	18.4	17.3	—	26.0	25.8	12.9	12.2	—
372	Aircraft and parts	529.5	529.4	514.1	510.5	505.9	289.1	286.8	276.6	272.9	269.2
3721	Aircraft	287.8	288.3	277.0	275.8	—	145.8	145.8	136.4	135.0	—
3722	Aircraft engines and engine parts	146.5	146.2	140.5	138.7	—	80.6	79.6	77.8	76.2	—
3723,9	Other aircraft parts and equipment	95.2	94.9	96.6	96.0	—	62.7	61.4	62.4	61.7	—
373	Ship and boat building and repairing	207.4	205.4	201.8	202.1	(*)	164.5	163.5	160.4	160.7	(*)
3731	Ship building and repairing	157.0	156.1	159.8	160.6	—	124.0	123.2	126.4	127.2	—

See footnotes at end of table.

B-2. Employees on nonagricultural payrolls, by industry—Continued

[In thousands]

SIC Code	Industry	All employees					Production workers ¹				
		June 1974	July 1974	May 1975	June 1975 ^P	July 1975 ^P	June 1974	July 1974	May 1975	June 1975 ^P	July 1975 ^P
	DURABLE GOODS—Continued										
	TRANSPORTATION EQUIPMENT—Continued										
3732	Boat building and repairing	50.4	49.3	42.0	41.5	—	41.4	40.3	34.0	33.5	—
374	Railroad equipment	51.5	51.8	48.5	48.3	—	40.0	40.1	36.3	36.1	—
375.9	Other transportation equipment	159.3	156.2	126.2	131.0	—	127.8	125.0	98.6	103.7	—
38	INSTRUMENTS AND RELATED PRODUCTS	537.6	533.8	489.0	493.1	487.8	336.0	330.9	292.0	294.6	289.0
381	Engineering and scientific instruments	72.9	73.5	70.5	70.5	—	37.0	37.1	35.2	34.9	—
382	Mechanical measuring and control devices	120.7	119.5	102.9	103.3	102.6	79.6	78.6	63.5	63.9	63.6
3821	Mechanical measuring devices	78.2	77.7	71.9	71.7	—	49.3	48.9	43.1	42.8	—
3822	Automatic temperature controls	42.5	41.8	31.0	31.6	—	30.3	29.7	20.4	21.1	—
383.5	Optical and ophthalmic goods	67.5	65.0	61.6	61.9	60.1	47.1	44.6	41.6	41.8	40.0
385	Ophthalmic goods	44.9	43.1	40.7	40.9	—	33.6	31.5	29.4	29.6	—
384	Medical instruments and supplies	109.3	108.3	102.5	103.2	101.4	75.3	73.8	67.9	68.6	66.0
386	Photographic equipment and supplies	133.0	133.8	122.3	124.6	124.7	69.1	69.3	60.5	61.6	61.8
387	Watches, clocks, and watchcases	34.2	33.7	29.2	29.6	—	27.9	27.5	23.3	23.8	—
	MISCELLANEOUS MANUFACTURING INDUSTRIES										
39	Jewelry, silverware, and plated ware	460.2	445.3	395.5	402.6	393.9	361.3	349.0	299.1	305.8	298.1
391	Games, toys, dolls, and play vehicles	53.5	48.9	48.0	48.0	(*)	39.1	35.7	34.6	34.6	(*)
394	Toys and sporting goods	144.2	142.0	118.2	122.0	—	118.1	116.1	91.2	94.5	—
3941-3	Sporting and athletic goods, nec	77.8	77.9	65.6	70.9	—	64.1	64.1	49.3	53.9	—
3949	Pens, pencils, office, and art supplies	66.4	64.1	52.6	51.1	—	54.0	52.0	41.9	40.6	—
395	Costume jewelry and notions	37.2	36.5	35.3	36.2	—	26.9	26.2	25.0	26.0	—
396	Other manufacturing industries	56.5	52.7	47.4	48.6	—	45.9	43.0	37.8	39.1	—
393.9	Musical instruments and parts	168.8	165.2	146.6	147.8	(*)	131.3	128.0	110.5	111.6	(*)
393		26.0	25.2	20.9	21.0	—	21.6	21.0	17.1	17.1	—
	NONDURABLE GOODS										
20	FOOD AND KINDRED PRODUCTS	1,706.5	1,736.2	1,617.7	1,665.8	1,715.7	1,154.3	1,183.1	1,080.0	1,123.6	1,171.2
201	Meat products	346.5	342.9	326.8	332.1	335.3	284.7	281.3	267.3	272.2	274.8
2011	Meat packing plants	172.5	169.9	164.3	165.5	—	138.1	135.9	132.2	132.8	—
2013	Sausages and other prepared meats	62.5	62.8	59.8	60.2	—	44.5	44.7	41.6	42.0	—
2015	Poultry dressing plants	111.5	110.2	102.7	106.4	—	102.1	100.7	93.5	97.4	—
202	Dairy products	206.8	206.7	197.9	201.0	200.7	107.4	107.5	101.5	104.9	105.2
2024	Ice cream and frozen desserts	24.6	24.7	23.0	24.4	—	14.2	14.4	12.7	14.0	—
2026	Fluid milk	134.6	134.5	128.9	129.6	—	56.8	56.8	54.5	55.5	—
203	Canned, cured, and frozen foods	279.3	309.4	262.1	282.4	—	227.6	259.4	211.8	231.2	—
2031.6	Canned, cured, and frozen sea foods	49.2	48.7	39.2	43.8	—	43.1	42.4	32.8	37.3	—
2032.3	Canned food, except sea foods	122.6	150.2	117.5	126.4	—	94.2	124.2	91.0	99.6	—
2037	Frozen fruits and vegetables	64.9	62.9	66.2	64.8	—	56.6	54.2	58.2	56.4	—
204	Grain mill products	139.2	139.0	137.6	140.0	139.9	98.3	97.7	95.2	98.3	98.0
2041	Flour and other grain mill products	25.9	26.7	26.4	26.0	—	18.4	18.8	18.7	18.7	—
2042	Prepared feeds for animals and fowls	73.4	73.0	71.0	72.9	—	49.2	48.7	46.4	48.5	—
205	Bakery products	249.6	251.1	237.8	242.0	244.2	143.5	144.8	135.3	138.6	140.8
2051	Bread, cake, and related products	207.1	217.4	196.2	199.0	—	110.7	110.7	103.0	105.5	—
2052	Cookies and crackers	42.5	43.7	41.6	43.0	—	32.8	34.1	32.3	33.1	—
206	Sugar	32.7	32.0	32.3	32.6	—	24.7	23.9	23.9	24.0	—
207	Confectionery and related products	74.2	74.0	68.1	70.1	(*)	57.9	57.3	51.1	53.0	(*)
2071	Confectionery products	56.6	55.8	50.8	52.9	—	45.0	43.9	38.7	40.7	—
208	Beverages	230.0	233.2	214.7	222.9	225.5	114.2	115.5	104.2	109.7	110.6
2082	Malt liquors	53.4	54.5	51.6	52.8	—	36.2	37.1	34.5	35.6	—
2086	Bottled and canned soft drinks	131.3	133.5	120.5	126.5	—	50.4	51.3	44.4	47.9	—
209	Miscellaneous foods and kindred products	148.2	147.9	140.4	142.7	(*)	96.0	95.7	89.7	91.7	(*)
21	TOBACCO MANUFACTURES	71.6	72.0	67.3	68.1	70.0	58.2	58.5	54.8	55.2	56.9
211	Cigarettes	46.8	47.1	44.7	45.2	—	37.9	38.1	36.2	36.5	—
212	Cigars	13.7	12.7	12.2	11.9	—	12.0	11.1	10.8	10.5	—
22	TEXTILE MILL PRODUCTS	1,029.9	994.1	896.5	913.5	896.0	902.0	867.0	776.6	793.6	776.6
221	Weaving mills, cotton	196.5	191.5	172.7	172.8	(*)	177.9	172.6	155.4	155.6	(*)
222	Weaving mills, synthetics	120.2	115.8	103.8	105.7	(*)	107.0	102.8	92.2	94.0	(*)
223	Weaving and finishing mills, wool	25.0	24.0	20.4	20.9	(*)	21.1	20.0	16.7	17.1	(*)
224	Narrow fabric mills	30.1	27.0	23.2	23.7	(*)	26.7	23.8	20.0	20.4	(*)
225	Knitting mills	280.9	272.2	251.3	257.0	248.3	244.1	236.2	215.5	221.1	212.9
2251	Women's hosiery, except socks	42.9	42.4	41.2	41.8	—	37.7	37.3	36.3	36.9	—
2252	Hosiery, nec	35.7	35.0	32.8	33.0	—	31.8	30.9	29.0	29.3	—
2253	Knit outerwear mills	88.5	83.3	74.4	77.1	—	75.6	70.9	62.6	65.2	—
2254	Knit underwear mills	38.5	37.1	36.2	36.6	—	34.4	33.2	31.4	31.9	—

See footnotes at end of table.

ESTABLISHMENT DATA EMPLOYMENT

54

B-2. Employees on nonagricultural payrolls, by industry—Continued

(In thousands)

SIC Code	Industry	All employees					Production workers ¹				
		June 1974	July 1974	May 1975	June 1975 ^P	July 1975 ^P	June 1974	July 1974	May 1975	June 1975 ^P	July 1975 ^P
	NONDURABLE GOODS—Continued										
	TEXTILE MILL PRODUCTS—Continued										
226	Textile finishing, except wool	85.1	81.5	75.0	76.6	(*)	71.7	68.0	62.9	64.5	(*)
227	Floor covering mills	65.3	63.6	55.5	56.3	—	52.3	50.5	43.7	44.4	—
228	Yarn and thread mills	156.6	149.3	135.8	140.4	137.7	143.5	136.5	122.9	127.6	124.4
229	Miscellaneous textile goods	70.2	69.2	58.8	60.1	58.0	57.7	56.6	47.3	48.9	46.8
23	APPAREL AND OTHER TEXTILE PRODUCTS	1,367.9	1,301.4	1,199.6	1,220.4	1,176.8	1,183.2	1,120.4	1,029.8	1,049.7	1,010.4
231	Men's and boys' suits and coats	104.8	102.9	90.0	90.5	(*)	91.2	90.3	78.6	79.0	(*)
232	Men's and boys' furnishings	399.0	377.8	345.8	353.4	(*)	343.7	323.5	296.1	303.4	(*)
2321	Men's and boys' shirts and nightwear	123.9	119.5	105.7	107.6	—	109.2	105.0	92.0	94.0	—
2327	Men's and boys' separate trousers	92.7	87.6	79.8	81.8	—	81.7	76.7	69.5	71.6	—
2328	Men's and boys' work clothing	94.9	87.7	83.3	85.9	—	77.9	71.1	68.9	71.2	—
233	Women's and misses' outerwear	415.4	390.1	366.4	368.4	355.8	366.0	342.4	319.5	322.5	310.9
2331	Women's and misses' blouses and waists	46.6	44.3	43.9	44.4	—	41.4	38.7	38.7	39.1	—
2335	Women's and misses' dresses	193.7	179.2	169.6	167.7	—	173.1	160.4	152.0	150.1	—
2337	Women's and misses' suits and coats	68.6	67.3	55.0	58.5	—	59.7	58.4	45.5	49.5	—
2339	Women's and misses' outerwear, nec	106.5	99.3	97.9	97.8	—	91.8	84.9	83.3	83.8	—
234	Women's and children's undergarments	108.4	102.4	94.3	96.5	(*)	93.0	87.0	80.5	82.4	(*)
2341	Women's and children's underwear	81.7	77.1	71.9	73.8	—	71.0	66.5	62.4	64.0	—
2342	Corsets and allied garments	26.7	25.3	22.4	22.7	—	22.0	20.5	18.1	18.4	—
235	Hats, caps, and millinery	15.2	15.1	14.9	14.8	—	13.6	13.5	13.3	13.0	—
236	Children's outerwear	77.5	75.6	70.2	73.7	71.2	67.7	65.8	60.8	63.8	61.2
2361	Children's dresses and blouses	34.6	33.8	30.1	31.4	—	31.3	30.6	27.0	28.3	—
237,8	Fur goods and miscellaneous apparel	71.8	69.2	61.4	62.3	—	61.1	58.7	52.4	53.3	—
239	Miscellaneous fabricated textile products	175.8	168.3	156.6	160.8	(*)	146.9	139.2	128.6	132.3	(*)
2391,2	Housefurnishings	70.5	66.6	61.2	64.0	—	59.6	55.6	50.9	53.5	—
26	PAPER AND ALLIED PRODUCTS	720.6	711.7	629.7	640.8	637.9	557.8	549.2	471.9	481.9	478.2
261,2,6	Paper and pulp mills	215.2	213.6	191.0	194.3	(*)	168.1	166.8	145.4	148.5	(*)
263	Paperboard mills	70.4	69.2	62.4	62.9	(*)	56.8	55.8	48.6	49.0	(*)
264	Miscellaneous converted paper products	210.2	208.2	184.3	186.9	185.8	155.5	153.3	131.6	133.7	132.6
2643	Bags, except textile bags	45.9	44.9	40.2	40.4	—	37.4	36.4	31.4	31.7	—
265	Paperboard containers and boxes	224.8	220.7	192.0	196.7	(*)	177.4	173.3	146.3	150.7	(*)
2651,2	Folding and setup paperboard boxes	64.7	61.6	53.6	55.3	—	53.0	49.9	42.3	44.0	—
2653	Corrugated and solid fiber boxes	107.7	107.0	92.3	94.3	—	81.5	80.9	66.6	68.7	—
2654	Sanitary food containers	31.4	31.1	28.9	29.4	—	25.8	25.5	23.9	24.2	—
27	PRINTING AND PUBLISHING	1,115.2	1,110.4	1,070.8	1,070.6	1,058.0	673.0	667.4	629.8	628.2	618.7
271	Newspapers	385.8	384.8	373.4	374.7	(*)	176.1	175.0	166.3	166.4	(*)
272	Periodicals	68.6	69.3	69.5	69.7	—	19.7	19.5	19.1	18.8	—
273	Books	102.3	101.8	98.8	98.1	—	57.3	56.8	53.2	52.4	—
275	Commercial printing	361.4	359.5	348.4	346.3	344.9	276.5	274.6	262.8	261.2	258.7
2751	Commercial printing, except lithographic	207.2	206.0	200.1	200.3	—	161.7	160.5	153.4	153.7	—
2752	Commercial printing, lithographic	143.4	143.1	137.4	135.5	—	107.0	106.6	101.3	99.7	—
278	Blankbooks and bookbinding	55.7	55.2	48.4	48.7	(*)	47.1	46.6	39.5	39.8	(*)
274,6,7,9	Other publishing and printing ind	141.4	139.8	132.3	133.1	131.1	96.3	94.9	88.9	89.6	88.3
28	CHEMICALS AND ALLIED PRODUCTS	1,070.6	1,071.1	1,006.4	1,014.1	1,013.0	623.9	621.5	565.4	572.1	566.9
281	Industrial chemicals	323.9	325.3	323.4	326.2	327.6	172.8	173.6	171.6	172.6	172.3
2812	Alkalies and chlorine	25.4	26.1	25.9	25.9	—	18.0	18.6	18.6	18.6	—
2818	Industrial organic chemicals, nec	128.5	129.4	131.9	133.5	—	53.5	53.8	57.4	58.2	—
2819	Industrial inorganic chemicals, nec	101.9	101.8	104.3	104.9	—	57.1	57.1	58.2	58.2	—
282	Plastics materials and synthetics	231.5	230.2	194.1	199.4	201.8	160.7	158.5	125.2	130.6	132.7
2821	Plastics materials and resins	96.5	96.0	81.6	82.8	—	61.2	60.3	47.8	48.7	—
2823,4	Synthetic fibers	122.2	121.4	100.8	104.8	—	90.5	89.3	69.4	73.7	—
283	Drugs	165.5	166.4	162.0	162.2	162.3	84.1	84.4	80.7	80.9	80.7
2834	Pharmaceutical preparations	131.9	132.7	129.5	129.8	—	64.8	65.0	62.1	62.5	—
284	Soap, cleaners, and toilet goods	127.4	128.2	119.4	121.5	122.2	73.5	73.9	67.8	69.3	68.7
2841	Soap and other detergents	39.7	40.0	37.9	38.2	—	26.4	26.6	25.0	25.2	—
2844	Toilet preparations	54.2	54.5	50.3	51.7	—	30.1	30.3	27.6	28.7	—
285	Paints and allied products	71.8	71.9	63.7	64.7	65.6	40.2	40.2	33.6	34.9	35.3
287	Agricultural chemicals	56.2	55.3	61.7	59.6	57.6	34.4	33.3	38.8	36.9	34.5
2871,2	Fertilizers, complete and mixing only	37.0	35.9	40.7	38.5	—	25.1	23.9	27.9	25.9	—
286,9	Other chemical products	94.3	93.8	82.1	80.5	(*)	58.2	57.6	47.7	46.9	(*)
2892	Explosives	23.5	23.3	19.7	18.7	—	15.5	15.3	13.0	12.1	—
29	PETROLEUM AND COAL PRODUCTS	199.7	201.1	191.3	196.1	199.8	127.9	128.7	120.7	125.3	127.7
291	Petroleum refining	156.6	158.1	152.9	156.1	159.1	95.8	96.9	93.4	96.5	98.3
295,9	Other petroleum and coal products	43.1	43.0	38.4	40.0	40.7	32.1	31.8	27.3	28.8	29.4

See footnotes at end of table.

B-2. Employees on nonagricultural payrolls, by industry—Continued

(In thousands)

SIC Code	Industry	All employees					Production workers ¹				
		June 1974	July 1974	May 1975	June 1975 P	July 1975 P	June 1974	July 1974	May 1975	June 1975 P	July 1975 P
	NONDURABLE GOODS—Continued										
30	RUBBER AND PLASTICS PRODUCTS, NEC...	696.0	683.4	578.7	589.3	581.6	550.0	536.2	439.2	450.7	443.4
301	Tires and inner tubes	134.2	134.3	118.9	119.9	120.3	97.7	97.6	85.2	86.6	87.0
302,3,6	Other rubber products	181.7	178.2	149.5	150.1	144.9	144.2	140.5	115.3	116.1	111.0
302	Rubber footwear	27.7	25.9	23.8	23.5	—	23.9	22.1	19.9	19.6	—
307	Miscellaneous plastics products	380.1	370.9	310.3	319.3	316.4	308.1	298.1	238.7	248.0	245.4
31	LEATHER AND LEATHER PRODUCTS	295.9	281.9	256.8	265.7	244.5	254.0	240.7	219.1	227.6	207.3
311	Leather tanning and finishing	22.7	22.0	22.5	23.5	22.8	19.3	18.6	19.4	20.2	19.7
314	Footwear, except rubber	189.7	181.5	163.2	168.7	(*)	165.3	157.7	141.5	146.8	(*)
312,3,5-7,9	Other leather products	83.5	78.4	71.1	73.5	(*)	69.4	64.4	58.2	60.6	(*)
316	Luggage	18.4	17.7	15.0	15.3	—	14.7	14.1	11.8	12.1	—
317	Handbags and personal leather goods	36.9	34.5	32.5	34.1	—	31.0	28.5	26.4	28.1	—
—	TRANSPORTATION AND PUBLIC UTILITIES	4,759	4,740	4,495	4,532	4,515	4,113	4,100	3,851	3,888	3,872
40	RAILROAD TRANSPORTATION	591.1	591.2	542.5	539.2	—	—	—	—	—	—
4011	Class I railroads ²	534.0	534.1	493.8	491.3	—	—	—	—	—	—
41	LOCAL AND INTERURBAN PASSENGER TRANSIT	274.5	245.7	279.6	270.6	—	—	—	—	—	—
411	Local and suburban transportation	70.7	69.8	72.3	73.3	—	66.1	65.2	67.0	68.0	—
412	Taxicabs	91.3	89.9	85.0	83.8	—	—	—	—	—	—
413	Intercity highway transportation	42.8	43.5	37.8	39.4	—	38.7	39.5	34.1	35.7	—
42	TRUCKING AND WAREHOUSING	1,207.1	1,203.2	1,056.6	1,085.6	—	1,087.4	1,084.8	939.5	968.7	—
421,3	Trucking and trucking terminals	1,115.8	1,111.1	968.2	998.8	—	1,008.2	1,004.9	863.6	894.5	—
422	Public warehousing	91.3	92.1	88.4	86.8	—	79.2	79.9	75.9	74.2	—
45	TRANSPORTATION BY AIR	364.7	368.2	359.3	361.2	—	—	—	—	—	—
451,2	Air transportation	327.6	330.9	323.3	324.8	—	—	—	—	—	—
46	PIPELINE TRANSPORTATION	17.0	17.1	16.2	16.8	—	13.2	13.5	12.4	13.0	—
44,47	OTHER TRANSPORTATION AND SERVICES	350.1	348.3	337.3	338.2	—	—	—	—	—	—
44	WATER TRANSPORTATION	216.5	214.3	199.3	198.4	—	—	—	—	—	—
47	TRANSPORTATION SERVICES	133.6	134.0	138.0	139.8	—	—	—	—	—	—
48	COMMUNICATION	1,199.5	1,205.8	1,166.0	1,171.0	—	931.3	936.4	897.6	904.0	—
481	Telephone communication	1,000.3	1,006.3	962.6	964.8	—	772.3	777.4	734.8	738.2	—
482	Telegraph communication ³	18.6	18.9	17.5	17.5	—	12.8	13.1	12.2	12.2	—
483	Radio and television broadcasting	151.3	151.3	152.7	155.0	—	121.6	121.4	122.2	124.7	—
49	ELECTRIC, GAS, AND SANITARY SERVICES	754.9	760.5	737.8	749.0	—	634.4	641.4	615.8	625.7	—
491	Electric companies and systems	323.5	324.5	314.7	316.6	—	268.4	270.4	260.9	262.8	—
492	Gas companies and systems	165.1	167.1	161.9	167.8	—	138.4	140.0	134.2	139.9	—
493	Combination companies and systems	202.1	204.0	196.0	197.7	—	172.2	174.5	164.8	166.3	—
494-7	Water, steam, and sanitary systems	64.2	64.9	65.2	66.9	—	55.4	56.5	55.9	56.7	—
—	WHOLESALE AND RETAIL TRADE	17,108	17,064	16,791	16,930	16,877	15,158	15,102	14,803	14,944	14,905
50	WHOLESALE TRADE	4,287	4,295	4,179	4,208	4,228	3,584	3,591	3,458	3,489	3,513
501	Motor vehicles and automotive equipment	383.4	384.2	362.5	365.1	—	308.9	309.3	295.7	298.6	—
502	Drugs, chemicals, and allied products	254.4	254.1	246.9	247.0	—	207.6	207.0	198.9	199.2	—
503	Dry goods and apparel	162.4	161.4	153.4	153.9	—	126.6	125.8	119.1	119.5	—
504	Groceries and related products	608.0	609.1	599.3	610.5	—	533.6	534.2	520.7	532.0	—
506	Electrical goods	332.3	332.5	309.1	308.4	—	284.4	284.5	260.2	260.0	—
507	Hardware, plumbing and heating equipment	195.8	196.9	181.6	183.5	—	165.4	166.9	150.8	152.7	—
508	Machinery, equipment, and supplies	885.6	891.6	882.7	883.9	—	742.2	746.5	730.6	732.9	—
509	Miscellaneous wholesalers	1,357.4	1,361.6	1,339.3	1,349.9	—	1,126.9	1,132.6	1,098.2	1,108.6	—
52-59	RETAIL TRADE	12,821	12,769	12,612	12,722	12,649	11,574	11,511	11,345	11,455	11,392
53	Retail General Merchandise	2,590.4	2,573.8	2,471.2	2,486.3	—	2,377.0	2,359.4	2,253.2	2,269.9	—
531	Department stores	1,728.9	1,717.9	1,639.7	1,651.9	—	1,588.7	1,577.3	1,499.1	1,513.3	—
532	Mail order houses	132.4	131.6	116.2	115.1	—	124.5	123.6	109.4	108.3	—
533	Variety stores	324.2	316.6	310.4	309.7	—	304.7	296.6	266.7	286.5	—
54	FOOD STORES	1,920.5	1,913.3	1,915.2	1,918.2	—	1,782.4	1,775.2	1,775.9	1,778.6	—
541,3	Grocery, meat, and vegetable stores	1,745.6	1,742.5	1,743.9	1,746.3	—	1,619.0	1,616.7	1,616.9	1,619.1	—

See footnotes at end of table.

ESTABLISHMENT DATA EMPLOYMENT

56

B-2. Employees on nonagricultural payrolls, by industry—Continued

[In thousands]

SIC Code	Industry	All employees					Production workers ¹				
		June 1974	July 1974	May 1975	June 1975 ^P	July 1975 ^P	June 1974	July 1974	May 1975	June 1975 ^P	July 1975 ^P
—	WHOLESALE AND RETAIL TRADE— Continued										
56	APPAREL AND ACCESSORY STORES	741.3	721.2	714.9	719.3	—	652.9	633.7	623.5	628.7	—
561	Men's and boys' clothing and furnishings	134.7	132.4	123.0	125.5	—	118.1	115.7	106.1	108.9	—
562	Women's ready-to-wear stores	286.9	278.4	280.0	278.2	—	253.2	245.9	245.8	244.4	—
565	Family clothing stores	107.6	104.0	103.4	104.5	—	99.4	95.6	94.0	95.1	—
566	Shoe stores	147.8	143.8	146.1	147.3	—	125.2	121.3	122.4	123.8	—
57	FURNITURE AND HOME FURNISHINGS STORES	529.3	530.7	495.7	503.5	—	453.9	454.6	420.4	425.3	—
571	Furniture and home furnishings	332.0	330.7	306.0	312.4	—	285.2	284.1	259.6	263.3	—
58	EATING AND DRINKING PLACES	3,254.4	3,246.5	3,274.9	3,324.2	—	3,044.6	3,031.2	3,056.4	3,105.9	—
52,55,59	OTHER RETAIL TRADE	3,785.2	3,783.0	3,740.0	3,770.9	—	3,263.3	3,256.8	3,215.8	3,246.4	—
52	Building materials and farm equipment	643.4	644.8	595.6	611.3	—	554.2	555.9	507.5	522.7	—
55	Automotive dealers and service stations	1,737.1	1,749.1	1,711.2	1,725.6	—	—	—	—	—	—
551,2	Motor vehicle dealers	790.8	795.0	749.0	756.5	—	659.0	660.7	622.7	631.0	—
553,9	Other automotive and accessory dealers	330.2	328.3	316.3	324.3	—	280.9	278.8	265.8	272.2	—
554	Gasoline service stations	616.1	625.8	645.9	644.8	—	—	—	—	—	—
59	Miscellaneous retail stores	1,404.7	1,389.1	1,433.2	1,434.0	—	—	—	—	—	—
591	Drug stores and proprietary stores	467.5	460.7	463.8	468.4	—	417.4	410.6	413.8	418.5	—
594	Book and stationery stores	74.6	72.7	75.6	74.2	—	63.7	61.7	64.5	62.7	—
596	Farm and garden supply stores	130.8	129.4	135.8	133.9	—	—	—	—	—	—
598	Fuel and ice dealers	98.3	97.7	97.9	98.2	—	83.5	82.8	82.8	82.7	—
—	FINANCE, INSURANCE, AND REAL ESTATE⁴	4,202	4,219	4,161	4,200	4,223	3,241	3,254	3,164	3,201	3,218
60	Banking	1,249.5	1,258.9	1,256.2	1,268.0	—	988.6	997.8	991.4	1,001.6	—
61	Credit agencies other than banks	441.2	444.0	438.5	442.3	—	341.3	343.4	335.7	339.5	—
612	Savings and loan associations	154.1	156.6	162.6	165.6	—	125.0	127.3	130.3	133.2	—
614	Personal credit institutions	209.1	209.7	201.6	202.2	—	—	—	—	—	—
62	Security, commodity brokers and services	178.7	176.3	172.8	173.6	—	145.0	142.6	141.2	141.9	—
63	Insurance carriers	1,108.8	1,114.4	1,113.3	1,116.2	—	758.9	761.9	743.0	745.4	—
631	Life insurance	539.1	540.5	541.9	542.7	—	314.2	314.3	313.1	313.5	—
632	Accident and health insurance	108.2	108.7	114.8	114.8	—	90.8	91.1	95.3	95.4	—
633	Fire, marine, and casualty insurance	406.7	409.8	404.3	405.1	—	308.1	310.2	292.0	292.6	—
64	Insurance agents, brokers, and service	316.2	317.5	326.6	329.2	—	—	—	—	—	—
65	Real estate	796.3	796.9	742.4	758.6	—	—	—	—	—	—
655	Subdividers and developers	139.1	137.5	118.0	121.4	—	—	—	—	—	—
656	Operative builders	59.4	58.9	45.0	47.5	—	—	—	—	—	—
66,67	Other finance, insurance, and real estate	111.2	111.3	111.1	112.0	—	—	—	—	—	—
—	SERVICES	13,677	13,665	13,869	13,904	13,931	12,371	12,349	12,508	12,527	12,494
70	Hotels and other lodging places	971.8	1,040.6	944.7	998.0	—	—	—	—	—	—
701	Hotels, tourist courts, and motels	817.4	833.7	785.2	821.2	—	762.2	777.3	728.4	762.9	—
72	Personal services	869.8	861.5	838.3	838.1	—	—	—	—	—	—
721	Laundries and dry cleaning plants	386.7	383.6	360.8	364.1	—	349.1	346.6	322.7	326.6	—
722	Photographic studios	43.3	42.6	42.0	41.1	—	38.2	37.4	37.1	36.3	—
73	Miscellaneous business services	1,968.8	1,969.5	1,928.7	1,935.6	—	—	—	—	—	—
731	Advertising	120.8	120.6	118.6	118.5	—	—	—	—	—	—
732	Credit reporting and collection	81.7	81.6	80.0	80.4	—	—	—	—	—	—
734	Services to buildings	389.6	385.8	387.1	383.3	—	—	—	—	—	—
76	Miscellaneous repair services	221.5	221.3	206.8	211.8	—	—	—	—	—	—
78	Motion pictures	213.4	213.2	197.0	204.4	—	—	—	—	—	—
781	Motion picture filming and distributing	63.5	63.3	55.1	59.1	—	49.0	50.0	40.2	43.2	—
782,3	Motion picture theaters and services	149.9	149.9	141.9	145.3	—	—	—	—	—	—
80	Medical and other health services	3,955.7	3,991.8	4,181.2	4,222.4	—	—	—	—	—	—
806	Hospitals	2,162.1	2,185.3	2,272.1	2,291.0	—	1,981.6	2,002.0	2,077.2	2,095.5	—
81	Legal services	316.1	321.7	318.0	330.3	—	—	—	—	—	—
82	Educational services	1,164.3	1,055.1	1,327.7	1,182.0	—	—	—	—	—	—
821	Elementary and secondary schools	407.4	346.9	431.0	418.3	—	—	—	—	—	—
822	Colleges and universities	603.0	558.8	728.9	602.9	—	—	—	—	—	—
89	Miscellaneous services	851.2	865.8	863.8	871.1	—	—	—	—	—	—
891	Engineering and architectural services	406.2	412.4	401.8	406.6	—	—	—	—	—	—
892	Nonprofit research agencies	125.8	130.2	138.5	140.2	—	—	—	—	—	—

See footnotes at end of table.

B-2. Employees on nonagricultural payrolls, by industry—Continued

(In thousands)

SIC Code	Industry	All employees					Production workers ¹				
		June 1974	July 1974	May 1975	June 1975 ^p	July 1975 ^p	June 1974	July 1974	May 1975	June 1975 ^p	July 1975 ^p
—	GOVERNMENT	14,322	13,693	15,111	15,014	14,337	—	—	—	—	—
91	FEDERAL GOVERNMENT ⁵	2,756	2,784	2,741	2,771	2,789	—	—	—	—	—
	Executive	2,710.4	2,737.8	2,694.0	2,722.4	—	—	—	—	—	—
	Department of Defense	988.4	990.3	954.6	968.0	—	—	—	—	—	—
	Postal Service	704.4	703.9	693.2	696.3	—	—	—	—	—	—
	Other agencies	1,017.6	1,043.6	1,046.2	1,058.1	—	—	—	—	—	—
	Legislative	36.5	36.6	36.5	38.5	—	—	—	—	—	—
	Judicial	9.4	9.4	10.2	10.3	—	—	—	—	—	—
92,93	STATE AND LOCAL GOVERNMENT	11,566	10,909	12,370	12,243	11,548	—	—	—	—	—
92	State government	2,965.8	2,866.9	3,213.9	3,104.2	—	—	—	—	—	—
	State education	1,181.6	1,074.8	1,376.0	1,235.3	—	—	—	—	—	—
	Other State government	1,784.2	1,792.1	1,837.9	1,868.9	—	—	—	—	—	—
93	Local government	8,600.6	8,041.8	9,156.2	9,138.5	—	—	—	—	—	—
	Local education	4,785.6	4,066.2	5,262.2	5,106.8	—	—	—	—	—	—
	Other local government	3,815.0	3,975.6	3,894.0	4,031.7	—	—	—	—	—	—

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

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

³ Data for nonsupervisory workers exclude messengers.

⁴ Data for nonoffice salesmen excluded from nonsupervisory count for all series in this division.

⁵ 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 WOMEN EMPLOYEES

58

B-3. Women employees on nonagricultural payrolls, by industry

SIC Code	Industry	April 1974		January 1975		April 1975	
		Number (in thousands)	Percent of total employment	Number (in thousands)	Percent of total employment	Number (in thousands)	Percent of total employment
-	TOTAL	29,899	38	29,804	39	29,959	39
-	PRIVATE SECTOR	23,493	37	23,125	38	23,096	38
-	MINING	42	6	47	7	49	7
10	METAL MINING	3.3	4	4.0	4	3.8	4
11,12	COAL MINING	2.7	2	3.2	2	3.6	2
13	OIL AND GAS EXTRACTION	29.7	11	33.7	11	34.8	11
131,2	Crude petroleum and natural gas fields	20.1	14	22.3	15	22.8	15
138	Oil and gas field services	9.6	7	11.4	7	12.0	8
14	NONMETALLIC MINERALS, EXCEPT FUELS	6.3	5	6.3	6	6.4	6
142	Crushed and broken stone	2.1	5	2.1	5	2.2	5
144	Sand and gravel	1.8	5	1.7	5	1.8	5
-	CONTRACT CONSTRUCTION	233	6	232	7	229	7
15	GENERAL BUILDING CONTRACTORS	75.9	6	76.5	7	74.8	7
16	HEAVY CONSTRUCTION CONTRACTORS	36.3	5	35.1	6	35.1	6
161	Highway and street construction	12.7	4	11.9	5	11.8	5
162	Heavy construction, nec	23.6	6	23.2	7	23.3	6
17	SPECIAL TRADE CONTRACTORS	121.2	6	120.3	7	119.4	7
171	Plumbing, heating, air conditioning	37.5	8	36.2	8	36.3	9
172	Painting, paper hanging, decorating	8.8	7	8.2	7	8.2	7
173	Electrical work	19.6	6	19.7	6	19.7	6
174	Masonry, stonework, and plastering	10.7	4	9.9	5	9.3	5
176	Roofing and sheet metal work	7.8	6	8.1	7	8.2	7
-	MANUFACTURING	5,832	29	5,244	28	5,085	28
19,24,25,32-39	DURABLE GOODS	2,613	22	2,337	21	2,216	21
20-23,28-31	NONDURABLE GOODS	3,219	40	2,907	38	2,869	39
	DURABLE GOODS						
19	ORDNANCE AND ACCESSORIES	43.1	24	43.8	24	43.7	24
192	Ammunition, except for small arms	31.2	25	30.8	25	29.7	25
1925	Complete guided missiles	18.0	20	19.6	21	19.5	21
1929	Ammunition, except for small arms, nec	13.2	40	11.2	39	10.2	39
24	LUMBER AND WOOD PRODUCTS	79.3	12	66.5	12	67.7	13
241	Logging camps, and logging contractors	4.1	5	4.3	6	3.9	6
242	Sawmills and planing mills	15.5	7	13.6	7	13.5	7
2421	Sawmills and planing mills, general	11.0	6	10.0	6	10.1	6
243	Millwork, plywood and related products	29.3	14	23.8	14	25.4	14
2431	Millwork	15.1	17	12.4	17	13.5	18
2432	Veneer and plywood	10.6	13	8.1	12	8.6	12
244	Wooden containers	5.5	21	4.3	21	3.9	19
2441,2	Wooden boxes, shooks, and crates	4.6	22	3.6	21	3.2	19
249	Miscellaneous wood products	24.9	24	20.5	23	21.0	24
25	FURNITURE AND FIXTURES	151.8	28	129.7	28	121.9	28
251	Household furniture	120.3	31	101.0	31	95.1	30
2511	Wood household furniture	58.8	29	50.2	29	45.6	28
2512	Upholstered household furniture	36.1	34	30.2	34	30.1	34
2515	Mattresses and bedsprings	11.4	30	8.8	29	9.4	29
252	Office furniture	8.5	19	8.0	19	7.0	20
254	Partitions and fixtures	7.9	14	7.4	15	7.4	16
253,9	Other furniture and fixtures	15.1	31	13.3	29	12.4	28
32	STONE, CLAY, AND GLASS PRODUCTS	117.1	17	105.8	17	102.1	17
321	Flat glass	1.9	8	1.5	9	1.4	8
322	Glass and glassware, pressed or blown	45.1	34	41.0	33	41.2	34
3221	Glass containers	25.9	37	24.4	35	25.3	36
3229	Pressed and blown glass nec	19.2	31	16.6	31	15.9	31
324	Cement, hydraulic	1.2	4	1.2	4	1.3	4
325	Structural clay products	7.0	12	6.0	12	6.0	12
3251	Brick and structural clay tile	1.3	5	.9	4	1.2	6
326	Pottery and related products	16.8	34	15.2	35	13.5	32
327	Concrete, gypsum, and plaster products	12.2	6	11.6	6	11.5	6
328,9	Other stone and nonmetallic mineral products	22.7	16	21.2	16	19.3	15
3291	Abrasive products	5.8	21	5.5	21	5.2	22

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

SIC Code	Industry	April 1974		January 1975		April 1975	
		Number (in thousands)	Percent of total employment	Number (in thousands)	Percent of total employment	Number (in thousands)	Percent of total employment
	DURABLE GOODS—Continued						
33	PRIMARY METAL INDUSTRIES	101.6	8	96.1	8	90.6	8
331	Blast furnace and basic steel products	28.6	5	29.0	5	28.5	5
3312	Blast furnaces and steel mills	21.3	4	21.9	4	22.5	5
332	Iron and steel foundries	12.8	5	14.0	6	13.1	6
3321	Gray iron foundries	6.8	4	6.9	5	6.4	5
3322	Malleable iron foundries	1.1	5	1.1	5	1.1	5
3323	Steel foundries	4.9	8	6.0	9	5.6	9
333,4	Nonferrous metals	3.9	4	4.1	5	3.9	5
3334	Primary aluminum	.9	3	1.0	3	.9	3
335	Nonferrous rolling and drawing	36.9	16	32.3	17	29.9	17
3351	Copper rolling and drawing	3.5	8	3.1	9	2.7	9
3352	Aluminum rolling and drawing	7.6	10	7.2	12	6.6	12
3357	Nonferrous wire drawing and insulating	22.6	25	19.5	25	18.2	25
336	Nonferrous foundries	13.3	14	10.9	14	10.0	14
3361	Aluminum castings	6.1	12	5.2	12	4.8	12
3362,9	Other nonferrous castings	7.2	17	5.7	16	5.2	16
339	Miscellaneous primary metal products	6.1	8	5.8	8	5.2	7
3391	Iron and steel forgings	2.8	6	3.1	6	2.8	6
34	FABRICATED METAL PRODUCTS	280.6	19	246.9	18	234.6	18
341	Metal cans	12.3	17	11.1	17	10.1	17
342	Cutlery, hand tools, and hardware	55.6	33	50.5	32	48.1	32
3421,3,5	Cutlery and hand tools, including saws	22.1	29	20.9	29	19.8	29
3429	Hardware, nec	33.5	36	29.6	34	28.3	34
343	Plumbing and heating, except electric	14.8	19	12.1	19	11.2	19
3431,2	Sanitary ware and plumbers' brass goods	7.7	21	5.8	21	5.4	20
3433	Heating equipment, except electric	7.1	17	6.3	17	5.8	17
344	Fabricated structural metal products	53.6	11	47.4	10	47.8	11
3441	Fabricated structural steel	6.2	6	6.6	6	6.7	6
3442	Metal doors, sash, and trim	17.2	23	12.5	20	13.0	22
3443	Fabricated plate work (boiler shops)	10.4	8	11.0	8	11.0	8
3444	Sheet metal work	13.2	14	11.5	13	11.5	14
3446,9	Architectural and miscellaneous metal work	6.6	10	5.8	10	5.6	10
345	Screw machine products, bolts, etc.	24.3	22	23.2	22	20.8	22
3451	Screw machine products	12.9	25	12.3	26	10.8	25
3452	Bolts, nuts, rivets, and washers	11.4	19	10.9	19	10.0	19
346	Metal stampings	51.0	21	41.6	23	40.4	20
347	Metal services, nec	19.3	20	16.7	20	15.3	19
348	Misc. fabricated wire products	18.4	25	15.3	24	13.6	24
349	Misc. fabricated metal products	31.3	18	29.0	18	27.3	18
3494,8	Valves, pipe, and pipe fittings	18.9	17	18.4	17	17.6	17
35	MACHINERY, EXCEPT ELECTRICAL	353.7	16	350.5	16	331.1	16
351	Engines and turbines	17.9	15	19.4	16	17.6	15
3511	Steam engines and turbines	5.3	12	5.7	12	5.5	12
3519	Internal combustion engines, nec	12.6	17	13.7	19	12.1	17
352	Farm machinery	18.4	11	18.1	11	18.0	11
353	Construction and related machinery	32.4	10	33.1	10	34.0	10
3531,2	Construction and mining machinery	15.6	8	15.6	8	17.0	9
3533	Oil field machinery	5.2	10	6.2	11	6.4	11
3535,6	Conveyors, hoists, cranes, monorails	4.9	11	5.1	11	5.0	11
3537	Industrial trucks and tractors	3.6	10	3.2	9	2.9	10
354	Metal working machinery	46.1	13	46.6	14	43.6	14
3541	Machine tools, metal cutting types	7.0	10	7.1	10	6.9	10
3544	Special dies, tools, jigs and fixtures	11.7	9	11.7	9	11.3	10
3545	Machine tool accessories	12.0	19	12.1	20	11.4	20
3542,8	Miscellaneous metal working machinery	15.4	18	15.7	19	14.0	18
355	Special industry machinery	26.2	13	25.6	13	23.5	13
3551	Food products machinery	5.0	11	4.9	11	4.9	11
3552	Textile machinery	6.4	16	5.7	17	4.9	16
3555	Printing trades machinery	4.0	13	4.1	14	3.8	14
356	General industrial machinery	52.7	17	52.3	17	49.3	17
3561	Pumps and compressors	12.1	15	12.1	14	12.0	14
3562	Ball and roller bearings	13.0	23	13.2	23	12.0	22
3564	Blowers and fans	7.7	19	7.3	18	6.8	18
3566	Power transmission equipment	8.1	15	8.2	15	7.6	15
357	Office and computing machines	88.7	31	87.8	30	84.0	29
3573	Electronic computing equipment	64.3	31	64.6	30	62.6	30
358	Service industry machines	33.0	19	29.1	19	25.7	18
3585	Refrigeration machinery	21.7	18	18.0	17	16.2	16
359	Miscellaneous machinery, except electrical	38.3	15	38.5	16	35.4	15

ESTABLISHMENT DATA
WOMEN EMPLOYEES

60

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

SIC Code	Industry	April 1974		January 1975		April 1975	
		Number (in thousands)	Percent of total employment	Number (in thousands)	Percent of total employment	Number (in thousands)	Percent of total employment
DURABLE GOODS - CONTINUED							
36	ELECTRICAL EQUIPMENT AND SUPPLIES	867.9	43	733.8	40	673.1	39
361	Electrical test and distributing equipment	83.0	37	71.1	34	64.3	33
3611	Electric measuring instruments	36.9	46	33.8	45	31.6	44
3612	Transformers	18.5	30	14.9	27	12.4	25
3613	Switchgear and switchboard apparatus	27.6	32	22.4	29	20.3	28
362	Electrical industrial apparatus	81.9	36	71.3	34	64.3	33
3621	Motors and generators	40.9	36	34.6	34	31.5	33
3622	Industrial controls	28.8	43	26.2	40	23.8	39
363	Household appliances	59.8	31	45.1	29	40.4	28
3632	Household refrigerators and freezers	12.4	27	7.3	20	6.3	17
3633	Household laundry equipment	5.3	18	4.3	18	3.5	16
3634	Electric housewares and fans	29.0	51	22.3	48	21.6	50
364	Electric lighting and wiring equipment	100.2	45	79.2	42	76.5	43
3641	Electric lamps	28.3	66	25.7	65	24.0	65
3642	Lighting fixtures	25.6	35	20.9	33	20.6	35
3643,4	Wiring devices	46.3	42	32.6	38	31.9	39
365	Radio and TV receiving equipment	78.9	55	64.4	52	61.7	52
366	Communication equipment	170.8	38	167.5	38	155.8	36
3661	Telephone and telegraph apparatus	81.7	47	78.0	47	68.8	46
3662	Radio and TV communication equipment	89.1	32	89.5	32	87.0	31
367	Electronic components and accessories	249.7	56	194.7	53	173.3	52
3671-3	Electron tubes	23.3	44	19.0	42	18.2	41
3674,9	Other electronic components	226.4	58	175.7	55	155.1	53
369	Miscellaneous electrical equipment and supplies	43.6	33	40.5	31	36.8	31
3694	Engine electrical equipment	23.2	35	22.8	34	21.1	33
37	TRANSPORTATION EQUIPMENT	205.5	11	193.7	12	188.0	12
371	Motor vehicles and equipment	80.3	9	72.9	10	67.6	9
3711	Motor vehicles	27.4	7	24.4	8	23.5	8
3712	Passenger car bodies	1.7	4	2.5	8	1.6	5
3713	Truck and bus bodies	3.9	9	3.3	8	3.4	9
3714	Motor vehicle parts and accessories	45.5	12	41.2	12	37.7	12
3715	Truck trailers	1.8	5	1.5	7	1.4	7
372	Aircraft and parts	79.7	15	82.7	16	78.5	16
3721	Aircraft	44.8	16	46.1	16	43.0	17
3722	Aircraft engines and engine parts	20.0	14	20.4	14	20.0	14
3723,9	Other aircraft parts and equipment	14.9	16	16.2	16	15.5	16
373	Ship and boat building and repairing	16.4	8	16.0	8	16.1	8
3731	Ship building and repairing	10.0	6	10.4	7	10.6	7
3732	Boat building and repairing	6.4	13	5.6	14	5.5	13
374	Railroad equipment	4.1	8	5.6	11	5.6	11
375,9	Other transportation equipment	25.0	17	16.5	17	20.2	17
38	INSTRUMENTS AND RELATED PRODUCTS	209.8	40	198.5	39	187.4	38
381	Engineering and scientific instruments	20.5	29	21.4	29	20.7	29
382	Mechanical measuring and control devices	48.4	41	40.6	37	37.3	36
3821	Mechanical measuring devices	27.2	36	25.5	34	24.1	33
3822	Automatic temperature controls	21.2	49	15.1	44	13.2	42
383,5	Optical and ophthalmic goods	29.8	45	28.4	44	27.2	44
385	Ophthalmic goods	23.0	52	21.7	51	20.7	50
384	Medical instruments and supplies	55.0	52	54.6	51	51.7	50
386	Photographic equipment and supplies	34.4	27	34.2	27	32.3	26
387	Watches, clocks, and watchcases	21.7	65	19.3	63	18.2	62
39	MISCELLANEOUS MANUFACTURING INDUSTRIES	202.3	45	171.4	44	175.7	45
391	Jewelry, silverware, and plated ware	22.5	43	21.3	42	20.4	42
394	Toys and sporting goods	69.5	51	55.1	51	60.8	53
3941-3	Games, toys, dolls, and play vehicles	37.8	54	27.2	54	34.5	56
3949	Sporting and athletic goods, n e c	31.7	48	27.9	49	26.3	48
395	Pens, pencils, office and art supplies	19.9	54	17.5	52	18.3	54
396	Costume jewelry and notions	28.3	51	24.0	61	23.9	53
393,9	Other manufacturing industries	62.1	37	53.5	35	52.3	36
393	Musical instruments and parts	12.1	47	9.8	44	8.8	43
NONDURABLE GOODS							
20	FOOD AND KINDRED PRODUCTS	431.6	26	411.1	26	413.3	26
201	Meat products	98.6	29	93.7	29	95.1	29
2011	Meat packing plants	24.3	14	23.8	14	23.7	14
2013	Sausages and other prepared meats	16.7	27	16.5	27	16.7	28
2015	Poultry dressing plants	57.6	55	53.4	54	54.7	54
202	Dairy products	35.8	18	34.1	18	35.8	18
2024	Ice cream and frozen desserts	5.3	25	4.4	22	5.3	24

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

SIC Code	Industry	April 1974		January 1975		April 1975	
		Number (in thousands)	Percent of total employment	Number (in thousands)	Percent of total employment	Number (in thousands)	Percent of total employment
	NONDURABLE GOODS — CONTINUED						
	FOOD AND KINDRED PRODUCTS — Continued						
2026	Fluid milk	19.5	15	18.8	15	19.3	15
203	Canned, cured, and frozen foods	106.4	41	100.2	40	101.6	40
2031,6	Canned, cured, and frozen sea foods	25.1	57	21.8	54	21.7	55
2032,3	Canned food, except sea foods	34.5	31	34.4	31	34.3	31
2037	Frozen fruits and vegetables	32.4	48	28.7	47	31.8	49
204	Grain mill products	21.1	15	21.0	15	21.9	16
2041	Flour and other grain mill products	3.6	14	3.8	14	3.5	13
2042	Prepared feeds for animals and fowls	10.8	15	10.5	15	10.9	16
205	Bakery products	63.0	25	58.9	25	59.6	25
2051	Bread, cake, and related products	42.4	21	40.0	21	40.4	21
2052	Cookies and crackers	20.6	46	18.9	45	19.2	46
206	Sugar	2.7	8	3.8	9	3.1	10
207	Confectionery and related products	36.2	48	31.9	46	29.0	44
2071	Confectionery products	29.3	51	25.6	49	22.4	46
208	Beverages	29.9	14	30.5	14	30.6	14
2082	Malt liquors	3.8	8	3.9	8	4.2	8
2086	Bottled and canned soft drinks	13.2	11	13.1	11	13.1	11
209	Miscellaneous foods and kindred products	37.9	26	37.0	36	36.6	26
21	TOBACCO MANUFACTURES	29.9	41	32.6	42	26.7	39
211	Cigarettes	15.6	33	15.6	34	14.3	32
212	Cigars	10.3	71	9.8	70	8.9	69
22	TEXTILE MILL PRODUCTS	480.8	47	407.9	46	407.0	47
221	Weaving mills, cotton	81.9	42	71.4	41	69.3	42
222	Weaving mills, synthetics	47.4	40	42.3	40	40.4	39
223	Weaving and finishing mills, wool	9.8	38	7.5	36	7.3	36
224	Narrow fabric mills	18.2	59	12.5	56	12.5	56
225	Knitting mills	177.0	64	155.1	64	156.8	64
2251	Women's hosiery, except socks	31.9	75	30.0	75	30.5	75
2252	Hosiery, n e c	25.7	73	23.0	72	23.5	72
2253	Knit outerwear mills	61.8	72	53.6	72	52.6	71
2254	Knit underwear mills	26.8	72	24.7	70	24.6	70
226	Textile finishing, except wool	24.3	29	20.3	28	21.0	28
227	Floor covering mills	24.0	37	20.0	36	19.9	36
228	Yarn and thread mills	77.0	49	61.5	48	62.7	48
229	Miscellaneous textile goods	21.2	30	18.3	30	17.1	29
23	APPAREL AND OTHER TEXTILE PRODUCTS	1,100.8	81	954.9	81	953.9	81
231	Men's and boys' suits and coats	82.4	75	75.7	76	66.3	75
232	Men's and boys' furnishings	327.6	84	296.8	84	281.8	84
2321	Men's and boys' shirts and nightwear	105.4	88	96.4	87	91.1	87
2327	Men's and boys' separate trousers	75.4	82	69.6	83	64.3	82
2328	Men's and boys' work clothing	77.7	82	68.4	82	66.3	82
233	Women's and misses' outerwear	360.2	86	299.1	86	318.7	86
2331	Women's and misses' blouses and waists	41.1	89	36.2	88	38.2	88
2335	Women's and misses' dresses	177.0	88	136.5	87	156.2	88
2337	Women's and misses' suits and coats	47.3	82	41.9	81	39.0	80
2339	Women's and misses' outerwear, n e c	94.8	86	84.5	85	85.3	85
234	Women's and children's undergarments	93.7	87	80.8	86	79.3	86
2341	Women's and children's underwear	70.8	88	61.4	87	60.8	87
2342	Corsets and allied garments	22.9	85	19.4	83	18.5	82
235	Hats, caps, and millinery	10.9	73	11.3	75	11.3	74
236	Children's outerwear	63.8	86	56.3	85	57.3	86
2361	Children's dresses and blouses	29.7	89	26.0	89	25.8	90
237,8	Fur goods and miscellaneous apparel	52.9	76	44.1	75	44.6	74
239	Miscellaneous fabricated textile products	109.3	63	90.8	62	94.6	62
2391,2	Housefurnishings	50.7	71	39.6	69	41.5	70
26	PAPER AND ALLIED PRODUCTS	147.7	21	134.4	20	128.0	20
261,2,6	Paper and pulp mills	21.9	10	21.5	11	20.3	11
263	Paperboard mills	5.2	8	5.0	8	4.7	7
264	Miscellaneous converted paper products	69.2	33	63.9	33	60.9	33
2643	Bags, except textile bags	15.2	33	15.0	33	13.3	33
265	Paperboard containers and boxes	51.4	23	44.0	22	32.1	22
2651,2	Folding and setup paperboard boxes	20.6	32	17.3	31	16.2	31
2653	Corrugated and solid fiber boxes	15.4	14	13.4	14	12.8	14
2654	Sanitary food containers	9.4	31	8.5	29	8.3	30

**ESTABLISHMENT DATA
WOMEN EMPLOYEES**

62

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

SIC Code	Industry	April 1974		January 1975		April 1975	
		Number (in thousands)	Percent of total employment	Number (in thousands)	Percent of total employment	Number (in thousands)	Percent of total employment
	NONDURABLE GOODS - CONTINUED						
27	PRINTING AND PUBLISHING	383.0	35	381.2	35	378.0	35
271	Newspapers	115.4	30	118.6	31	118.3	32
272	Periodicals	33.9	49	35.6	50	35.1	51
273	Books	51.4	51	52.1	52	52.9	52
275	Commercial printing	102.9	28	99.3	28	100.0	29
2751	Commercial printing, ex. lithographic	59.5	29	57.5	28	57.6	29
2752	Commercial printing, lithographic	39.6	28	38.6	28	38.8	28
278	Blankbooks and bookbinding	27.7	50	25.4	50	24.3	49
274,6,7,9	Other publishing and printing ind.	51.7	38	50.2	36	47.4	36
28	CHEMICALS AND ALLIED PRODUCTS	220.8	21	213.1	21	210.3	21
281	Industrial chemicals	36.4	11	39.8	12	39.1	12
2812	Alkalies and chlorines	2.0	8	2.1	8	2.1	8
2818	Industrial organic chemicals, n e c	16.7	13	19.0	14	18.6	14
2819	Industrial inorganic chemicals, n e c	11.1	11	12.0	12	12.0	12
282	Plastics materials and synthetics	42.3	19	34.6	17	33.7	18
2821	Plastics materials and resins	8.8	9	8.4	9	8.1	10
2823,4	Synthetic fibers	32.6	27	25.3	25	24.8	25
283	Drugs	62.6	39	62.4	38	62.3	39
2834	Pharmaceutical preparations	51.5	40	51.5	40	51.6	40
284	Soap, cleaners, and toilet goods	46.0	37	43.4	36	43.0	36
2841	Soap and other detergents	8.3	21	8.2	21	7.7	20
2844	Toilet preparations	27.9	54	26.3	52	26.3	52
285	Paints and allied products	10.9	16	10.5	16	10.6	17
287	Agricultural chemicals	6.2	11	6.3	11	6.8	11
2871,2	Fertilizers, complete and mixing only	2.9	8	2.9	7	3.2	8
286,9	Other chemical products	16.4	18	16.1	18	14.8	18
2892	Explosives	4.1	18	4.2	19	3.7	19
29	PETROLEUM AND COAL PRODUCTS	18.4	10	18.4	10	18.4	10
291	Petroleum refining	13.6	9	13.8	9	13.9	9
295,9	Other petroleum and coal products	4.8	12	4.6	13	4.5	12
30	RUBBER AND PLASTICS PRODUCTS, NEC	231.0	34	197.2	32	184.1	32
301	Tires and inner tubes	12.4	9	11.8	9	10.4	9
302,3,6	Other rubber products	64.0	36	58.3	36	54.0	36
302	Rubber footwear	16.3	60	15.6	60	14.5	59
307	Miscellaneous plastics products	154.6	42	127.1	39	119.7	39
31	LEATHER AND LEATHER PRODUCTS	175.1	61	155.9	60	149.3	60
311	Leather tanning and finishing	3.4	16	3.0	14	3.2	15
314	Footwear, except rubber	122.7	66	111.8	66	105.1	66
312,3,5-7,9	Other leather products	49.0	61	41.1	60	41.0	60
316	Luggage	9.8	54	6.9	50	7.2	51
317	Handbags and personal leather goods	24.9	72	21.5	71	22.1	70
-	TRANSPORTATION AND PUBLIC UTILITIES	990	21	993	22	982	22
41	LOCAL AND INTERURBAN PASSENGER TRANSIT	42.1	15	49.2	17	49.1	18
411	Local and suburban transportation	6.9	10	7.1	10	7.5	10
412	Taxicabs	5.3	6	5.4	6	5.4	6
413	Intercity highway transportation	4.0	10	4.4	11	4.2	11
42	TRUCKING AND WAREHOUSING	113.0	10	109.1	10	108.7	10
421,3	Trucking and trucking terminals	99.0	9	94.9	10	94.4	10
422	Public warehousing	14.0	15	14.2	15	14.3	16
45	TRANSPORTATION BY AIR	95.9	27	101.6	28	96.3	27
451,2	Air transportation	90.7	28	96.2	29	90.8	28
46	PIPE LINE TRANSPORTATION	1.2	8	1.2	7	1.3	8
44	WATER TRANSPORTATION	15.7	8	16.5	8	17.3	9
47	TRANSPORTATION SERVICES	32.2	24	32.6	24	33.5	25
48	COMMUNICATION	548.3	46	542.2	46	534.6	46
481	Telephone communication	497.7	50	485.4	50	477.0	50
483	Radio and television broadcasting	38.3	26	43.7	29	44.3	29
49	ELECTRIC, GAS, AND SANITARY SERVICES	116.1	16	116.3	16	117.8	16
491	Electric companies and systems	50.0	15	50.2	16	49.8	16
492	Gas companies and systems	28.1	17	28.6	18	29.2	18

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

SIC Code	Industry	April 1974		January 1975		April 1975	
		Number (in thousands)	Percent of total employment	Number (in thousands)	Percent of total employment	Number (in thousands)	Percent of total employment
	NONDURABLE GOODS — CONTINUED						
	ELECTRIC, GAS, AND SANITARY SERVICES — Cont'd						
493	Combination companies and systems	29.6	15	28.6	15	30.0	15
494-7	Water, steam, and sanitary systems	8.4	14	8.9	14	8.8	14
—	WHOLESALE AND RETAIL TRADE	6,888	41	6,888	41	6,860	41
50	WHOLESALE TRADE	994	24	1,009	24	995	24
501	Motor vehicles and automotive equipment	75.4	20	78.8	21	75.8	21
502	Drugs, chemicals, and allied products	89.3	36	87.5	35	88.2	36
503	Dry goods and apparel	78.2	48	75.4	48	75.4	49
504	Groceries and related products	122.5	21	128.1	22	123.5	21
506	Electrical goods	86.1	26	82.6	26	80.5	26
507	Hardware; plumbing and heating equipment	49.0	25	49.2	26	47.8	26
508	Machinery, equipment, and supplies	170.6	20	177.5	20	178.2	20
509	Miscellaneous wholesalers	302.6	23	305.9	23	304.0	23
52-59	RETAIL TRADE	5,894	47	5,879	47	5,865	47
53	Retail general merchandise	1,743.1	68	1,779.9	68	1,658.8	68
531	Department stores	1,177.6	69	1,219.4	69	1,121.7	69
532	Mail order houses	81.3	60	82.9	62	74.1	62
533	Variety stores	245.0	73	233.3	71	221.3	72
54	Food stores	731.7	38	739.8	38	741.5	39
541-3	Grocery, meat, and vegetable stores	617.0	36	635.3	36	636.4	36
56	Apparel and accessory stores	501.7	66	489.5	67	476.4	67
561	Men's and boys' clothing and furnishings	55.1	41	56.9	42	52.0	42
562	Women's ready-to-wear stores	260.2	89	251.4	89	247.0	89
565	Family clothing stores	72.7	68	73.2	70	71.0	70
566	Shoe stores	62.8	39	57.7	39	57.5	39
57	Furniture and home furnishings stores	158.9	30	156.8	31	154.9	31
571	Furniture and home furnishings	104.9	32	103.7	33	102.2	33
58	Eating and drinking places	1,758.4	56	1,701.9	57	1,820.6	56
52,55,59	Other retail trade	999.9	27	1,010.7	27	1,012.3	27
52	Building materials and farm equipment	110.5	18	109.5	19	109.8	19
55	Automotive dealers and service stations	241.9	14	243.9	14	244.1	14
551,2	Motor vehicle dealers	96.5	12	93.8	12	92.7	12
553,9	Other automotive and accessory dealers	48.3	15	48.0	16	48.7	16
59	Miscellaneous retail stores	647.5	46	657.3	46	658.4	46
591	Drug stores and proprietary stores	282.2	61	287.6	61	285.7	62
594	Book and stationery stores	35.4	47	36.4	48	36.1	48
596	Farm and garden supply stores	30.2	22	28.7	22	33.2	24
598	Fuel and ice dealers	18.8	18	19.5	18	19.0	19
—	FINANCE, INSURANCE, AND REAL ESTATE	2,203	53	2,240	54	2,253	54
60	Banking	805.6	66	835.2	66	838.5	67
61	Credit agencies other than banks	255.5	58	256.1	59	259.3	59
612	Savings and loan associations	103.4	69	108.5	69	111.6	69
614	Personal credit institutions	105.7	50	103.1	51	103.0	51
62	Security, commodity brokers and services	62.6	34	58.4	35	60.0	35
63	Insurance carriers	583.8	53	596.9	54	598.5	54
631	Life insurance	245.8	46	246.4	46	248.2	46
632	Accident and health insurance	74.2	71	81.0	71	82.6	71
633	Fire, marine, and casualty insurance	231.0	57	237.6	58	235.9	58
64	Insurance agents, brokers, and service	177.0	56	183.4	57	184.5	57
65	Real estate	262.5	34	253.3	35	254.9	35
655	Subdividers and developers	27.8	22	26.1	24	26.8	24
656	Operative builders	10.1	17	9.5	21	9.4	22
66,67	Other finance, insurance, and real estate	56.2	51	56.7	51	57.3	52
—	SERVICES	7,305	55	7,481	55	7,638	55
	Hotels and other lodging places:						
701	Hotels, tourist courts, and motels	392.0	53	380.5	53	407.3	53
72	Personal services	538.6	62	520.4	63	519.8	63
721	Laundries and dry cleaning plants	241.3	64	227.8	63	223.5	63
722	Photographic studios	27.7	64	28.0	67	28.2	67
73	Miscellaneous business services	677.7	35	692.1	36	686.8	36
731	Advertising	53.0	44	53.7	45	53.0	45
732	Credit reporting and collection	56.8	70	53.9	69	54.5	69
734	Services to buildings	141.2	37	150.0	39	150.3	39
76	Miscellaneous repair services	33.8	15	35.2	16	34.4	17
78	Motion pictures	76.8	38	69.6	37	73.3	38
781	Motion picture filming and distributing	21.3	38	21.6	37	21.4	39
782,3	Motion picture theaters and services	55.5	38	48.0	37	51.9	37

ESTABLISHMENT DATA
WOMEN EMPLOYEES

64

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

SIC Code	Industry	April 1974		January 1975		April 1975	
		Number (in thousands)	Percent of total employment	Number (in thousands)	Percent of total employment	Number (in thousands)	Percent of total employment
	SERVICES -- Continued						
80	Medical and other health services	3, 113. 1	81	3, 290. 8	80	3, 347. 4	80
806	Hospitals	1, 709. 8	80	1, 783. 9	80	1, 815. 8	80
81	Legal services	191. 1	64	201. 4	64	202. 8	64
82	Educational services	630. 2	49	628. 0	49	665. 9	50
821	Elementary and secondary schools	258. 4	62	263. 7	62	267. 8	62
822	Colleges and universities	295. 6	42	282. 6	41	314. 6	42
89	Miscellaneous services	220. 6	26	233. 1	27	238. 1	27
891	Engineering and architectural services	60. 2	15	64. 7	16	65. 0	16
892	Nonprofit research agencies	40. 8	33	44. 6	34	47. 6	35
	GOVERNMENT	6, 406	45	6, 679	45	6, 863	46
91	FEDERAL GOVERNMENT	780	29	792	29	810	30
92,93	STATE AND LOCAL GOVERNMENT	5, 626	49	5, 887	49	6, 053	49
92	State government	1, 346. 6	44	1, 381. 4	44	1, 433. 8	44
	State education	584. 9	44	582. 4	44	618. 9	44
	Other State government	761. 7	44	799. 0	44	814. 9	44
93	Local government	4, 279. 3	50	4, 505. 8	51	4, 619. 0	51
	Local education	3, 072. 6	62	3, 239. 8	63	3, 314. 6	63
	Other local government	1, 206. 7	33	1, 266. 0	34	1, 304. 4	34

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	-	-
1925.....	43.7	53.6	177.7	45.1	51.1	38.3	89.8	41.0	-	-	38.2	28.4	24.6	-	-
1926.....	45.3	55.4	193.3	48.5	52.2	39.7	92.5	42.5	-	-	40.5	30.2	25.0	-	-
1927.....	45.5	54.7	181.7	50.1	51.4	40.5	91.4	43.4	-	-	42.4	31.4	25.6	-	-
1928.....	45.6	54.2	171.3	50.1	51.1	40.8	89.8	43.2	-	-	44.5	32.3	26.3	-	-
1929.....	47.6	57.1	177.3	46.7	55.0	42.4	91.9	45.0	-	-	46.8	34.1	26.9	19.6	29.2
1930.....	44.7	51.3	164.6	42.8	49.2	41.0	86.5	42.6	-	-	45.7	33.4	27.6	19.3	30.2
1931.....	40.5	44.1	142.4	37.8	42.0	38.5	76.4	38.8	-	-	43.6	31.5	28.6	20.6	31.2
1932.....	35.9	37.1	119.2	30.2	35.6	35.2	66.1	34.4	-	-	41.6	29.0	28.3	20.6	30.7
1933.....	36.0	38.5	121.4	25.2	38.0	34.7	62.7	34.9	-	-	40.2	28.4	27.8	20.8	30.0
1934.....	39.4	44.0	144.0	26.9	43.7	36.9	64.5	38.8	-	-	40.9	30.3	28.9	24.0	30.5
1935.....	41.1	46.8	146.3	28.4	46.6	38.0	65.4	39.9	-	-	41.4	31.1	30.5	27.7	31.4
1936.....	44.2	51.2	154.3	35.7	50.5	40.3	69.8	42.7	-	-	43.0	32.9	32.2	30.4	32.7
1937.....	47.1	55.5	165.6	34.7	55.5	42.5	73.6	46.0	-	-	44.4	34.8	33.0	30.6	33.7
1938.....	44.4	48.9	145.4	32.9	48.5	41.8	67.2	45.4	-	-	44.2	34.4	34.1	30.5	35.2
1939.....	46.5	52.8	139.3	35.8	52.9	43.1	68.9	47.2	47.8	47.0	45.3	34.8	35.1	33.3	35.6
1940.....	49.2	56.7	150.9	40.3	56.5	45.0	71.3	49.6	49.8	49.6	46.6	36.4	36.9	36.6	36.9
1941.....	55.5	68.5	156.1	55.8	67.8	48.4	76.8	53.0	53.1	53.0	48.0	38.8	40.9	49.3	38.3
1942.....	60.9	79.3	161.8	67.6	78.6	50.9	81.2	52.3	51.7	52.5	47.7	40.4	48.1	81.4	37.7
1943.....	64.5	86.4	150.9	48.8	90.5	52.5	85.6	51.3	49.4	52.0	46.6	41.1	53.3	106.8	36.6
1944.....	63.6	83.0	145.5	34.1	89.1	53.0	89.9	51.9	50.0	52.5	45.8	41.2	53.0	107.7	35.9
1945.....	61.3	75.2	136.4	35.3	79.8	53.8	91.7	53.8	52.8	54.1	46.4	42.0	52.1	103.3	36.1
1946.....	63.3	74.0	140.6	51.8	75.6	57.4	95.3	61.6	62.1	61.4	52.6	46.7	49.1	82.9	38.5
1947.....	66.6	79.4	155.8	61.8	79.9	59.6	97.8	65.8	67.0	65.4	54.4	50.0	48.0	69.6	41.3
1948.....	68.2	80.6	162.2	67.6	80.1	61.4	98.3	68.1	70.6	67.3	56.7	51.5	49.6	68.5	43.6
1949.....	66.5	75.4	151.7	67.5	74.3	61.6	93.9	68.1	70.6	67.2	57.6	52.1	51.4	70.2	45.5
1950.....	68.7	79.4	147.0	72.7	78.4	62.8	94.7	69.0	71.4	68.1	59.5	53.3	52.9	70.9	47.2
1951.....	72.7	85.6	151.5	81.1	84.3	65.6	99.2	71.6	73.9	70.8	61.7	55.2	56.1	84.7	47.1
1952.....	74.1	86.7	146.5	82.1	85.5	67.3	99.7	73.5	76.2	72.6	64.2	56.7	58.0	89.0	48.3
1953.....	76.3	90.4	141.3	81.8	90.2	68.6	100.7	75.3	77.4	74.6	66.5	58.1	58.3	84.8	50.0
1954.....	74.4	84.7	129.0	81.4	83.9	68.8	95.8	75.2	77.7	74.4	69.3	59.4	59.2	80.5	52.6
1955.....	76.9	88.0	129.2	87.3	86.8	70.9	97.2	77.4	79.3	76.8	72.4	62.1	60.7	80.4	54.5
1956.....	79.6	90.5	134.1	93.5	88.7	73.6	99.6	79.8	81.8	79.1	75.3	64.7	63.8	81.2	58.4
1957.....	80.3	89.9	135.1	91.1	88.3	75.1	99.5	80.0	82.1	79.3	76.8	66.8	66.8	81.5	62.2
1958.....	78.0	83.7	122.5	86.6	82.0	74.9	93.3	79.0	80.8	78.4	78.1	67.4	68.8	80.6	65.1
1959.....	81.0	87.5	119.4	92.3	85.7	77.4	94.1	81.8	83.6	81.2	80.4	70.6	70.9	82.1	67.4
1960.....	82.4	87.6	116.2	89.9	86.4	79.5	94.0	83.7	85.2	83.2	82.8	73.5	73.3	83.5	70.1
1961.....	82.1	85.2	109.6	87.8	84.0	80.4	91.6	83.3	84.9	82.8	84.7	75.9	75.4	83.8	72.8
1962.....	84.4	87.7	106.0	90.5	86.7	82.6	91.7	85.0	86.7	84.4	86.8	79.5	78.0	86.1	75.5
1963.....	86.1	88.5	103.6	92.4	87.4	84.8	91.6	86.6	88.1	86.1	89.2	82.4	80.9	86.7	79.1
1964.....	88.6	90.1	103.4	95.1	88.8	87.8	92.7	89.4	90.5	89.0	91.7	86.2	84.2	86.4	83.5
1965.....	92.3	94.0	103.1	99.3	92.9	91.4	94.7	93.5	94.0	93.3	93.7	90.0	88.4	87.5	88.7
1966.....	97.1	99.3	102.3	102.1	98.8	95.9	97.4	97.3	97.5	97.3	96.1	94.6	94.7	94.3	94.8
1967.....	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
1968.....	103.2	101.8	98.9	103.1	101.7	103.9	101.2	103.6	102.4	104.0	104.8	105.2	103.9	100.7	105.0
1969.....	107.0	104.5	101.0	109.9	103.7	108.3	104.1	108.1	105.9	108.8	110.4	111.2	107.1	101.4	108.8
1970.....	107.7	101.0	101.6	110.2	99.5	111.3	105.7	110.5	108.3	111.3	114.3	115.1	110.2	100.4	113.3
1971.....	108.1	98.1	99.3	113.4	95.5	113.6	104.6	112.8	108.5	114.4	117.9	117.9	113.1	99.2	117.4
1972.....	111.9	101.2	102.0	119.4	98.2	117.8	106.0	117.4	111.9	119.4	122.3	122.7	117.0	98.7	122.8
1973.....	116.7	106.2	104.1	125.6	103.1	122.4	109.0	122.5	116.8	124.5	126.4	128.6	120.6	97.9	127.7
1974.....	118.9	106.0	190.6	124.2	102.9	126.0	110.3	125.0	120.8	126.5	129.0	133.7	125.3	100.2	133.2
July.....	119.2	106.4	110.1	122.2	103.7	126.1	110.1	125.7	120.9	127.4	128.9	133.8	125.0	100.6	132.6
Aug.....	119.4	106.4	110.3	123.6	103.4	126.6	110.3	126.0	121.2	127.6	129.2	134.4	125.7	100.8	133.5
Sept.....	119.7	106.3	111.3	122.8	103.4	127.1	109.8	126.2	121.3	127.9	129.5	135.1	126.7	101.0	134.8
Oct.....	119.8	105.7	112.9	121.9	102.8	127.5	110.3	126.1	121.6	127.7	129.8	135.7	127.5	101.1	135.8
Nov.....	119.1	103.9	113.1	120.4	101.0	127.3	110.2	125.3	121.5	126.6	129.7	135.9	127.8	101.0	136.2
Dec.....	118.0	101.5	108.0	118.4	98.5	127.0	109.6	124.3	121.0	125.4	129.7	136.0	128.0	100.7	136.5
1975:															
Jan.....	117.3	99.7	114.2	118.1	96.3	126.8	108.1	123.9	120.3	125.2	129.4	136.1	128.4	100.5	137.1
Feb.....	116.5	97.1	114.5	112.1	94.1	127.1	107.0	123.7	119.8	125.1	129.1	136.4	129.7	100.5	138.9
Mar.....	116.0	96.0	115.2	108.7	93.3	126.9	105.9	123.5	119.5	124.9	128.9	136.2	129.9	100.5	139.1
Apr.....	115.9	95.7	114.7	108.3	93.0	127.0	105.9	123.4	119.5	124.8	129.1	136.2	130.4	100.4	139.8
May.....	116.1	95.8	115.8	108.2	93.2	127.1	105.5	123.6	119.4	125.1	129.0	136.2	130.7	100.4	140.1
June ^P	115.8	95.3	115.3	106.1	92.9	127.0	105.0	123.9	118.7	125.7	128.8	135.8	130.6	100.4	140.1
July ^P	115.9	95.0	115.8	104.7	92.7	127.4	104.9	124.3	119.0	126.2	129.0	135.4	130.9	100.8	140.4

p = preliminary.

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

ESTABLISHMENT DATA SEASONALLY ADJUSTED EMPLOYMENT

66

B-5. Employees on nonagricultural payrolls, by industry division and major manufacturing group, seasonally adjusted

(In thousands)

Industry division and group	1974						1975						
	July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June ^P	July ^P
TOTAL	78,479	78,661	78,844	78,865	78,404	77,690	77,227	76,708	76,368	76,349	76,428	76,264	76,352
GOODS-PRODUCING	24,764	24,753	24,733	24,585	24,187	23,606	23,207	22,595	22,338	22,268	22,300	22,182	22,102
MINING	675	676	682	692	693	662	700	702	706	703	710	707	710
CONTRACT CONSTRUCTION	3,920	3,965	3,939	3,911	3,861	3,798	3,789	3,596	3,486	3,475	3,472	3,404	3,360
MANUFACTURING	20,169	20,112	20,112	19,982	19,633	19,146	18,718	18,297	18,146	18,090	18,118	18,071	18,032
DURABLE GOODS	11,959	11,899	11,906	11,841	11,611	11,291	11,010	10,722	10,635	10,554	10,525	10,470	10,399
Ordnance and accessories	182	183	183	184	182	182	182	182	182	182	182	179	177
Lumber and wood products	647	637	628	610	586	575	556	544	545	544	557	562	573
Furniture and fixtures	531	533	529	518	497	483	463	449	442	445	448	446	444
Stone, clay, and glass products	696	694	686	678	667	652	632	618	609	608	608	604	597
Primary metal industries	1,332	1,339	1,349	1,353	1,336	1,304	1,277	1,235	1,206	1,177	1,156	1,138	1,103
Fabricated metal products	1,513	1,504	1,496	1,479	1,452	1,403	1,352	1,331	1,312	1,310	1,303	1,299	1,296
Machinery, except electrical	2,197	2,217	2,228	2,239	2,227	2,199	2,165	2,129	2,102	2,073	2,042	2,014	1,978
Electrical equipment and supplies	2,057	2,004	2,016	2,000	1,939	1,876	1,835	1,771	1,754	1,730	1,721	1,709	1,704
Transportation equipment	1,814	1,803	1,809	1,807	1,769	1,683	1,626	1,556	1,587	1,594	1,618	1,628	1,635
Instruments and related products	535	534	534	532	526	520	514	505	498	495	491	491	489
Miscellaneous manufacturing	455	451	448	441	430	414	408	402	398	396	399	400	403
NONDURABLE GOODS	8,210	8,213	8,206	8,141	8,022	7,855	7,708	7,575	7,511	7,536	7,593	7,601	7,633
Food and kindred products	1,702	1,713	1,724	1,719	1,705	1,692	1,671	1,664	1,666	1,669	1,678	1,671	1,682
Tobacco manufactures	79	77	75	77	75	76	79	78	76	75	75	75	77
Textile mill products	1,008	1,011	1,004	978	954	919	881	860	857	877	897	904	909
Apparel and other textile products	1,357	1,341	1,336	1,320	1,291	1,236	1,204	1,178	1,165	1,181	1,197	1,208	1,227
Paper and allied products	712	710	711	701	691	678	666	650	639	633	635	633	639
Printing and publishing	1,114	1,115	1,113	1,112	1,104	1,101	1,098	1,089	1,083	1,078	1,074	1,070	1,061
Chemicals and allied products	1,063	1,069	1,073	1,071	1,065	1,050	1,038	1,027	1,014	1,007	1,008	1,005	1,005
Petroleum and coal products	196	195	194	195	196	195	190	187	190	189	191	192	195
Rubber and plastics products, nec	690	696	693	690	664	638	619	586	570	575	582	584	587
Leather and leather products	289	286	283	278	277	270	262	256	251	252	256	259	251
SERVICE-PRODUCING	53,715	53,908	54,111	54,280	54,217	54,084	54,020	54,113	54,030	54,081	54,128	54,082	54,250
TRANSPORTATION AND PUBLIC UTILITIES	4,693	4,701	4,679	4,699	4,697	4,668	4,607	4,561	4,512	4,511	4,495	4,474	4,470
WHOLESALE AND RETAIL TRADE	17,107	17,140	17,166	17,160	17,048	16,912	16,863	16,832	16,799	16,794	16,820	16,854	16,919
WHOLESALE TRADE	4,261	4,272	4,275	4,287	4,283	4,267	4,242	4,222	4,211	4,213	4,208	4,183	4,194
RETAIL TRADE	12,846	12,868	12,891	12,873	12,765	12,645	12,621	12,610	12,588	12,581	12,612	12,671	12,725
FINANCE, INSURANCE, AND REAL ESTATE	4,157	4,168	4,176	4,185	4,183	4,182	4,173	4,164	4,157	4,163	4,161	4,154	4,161
SERVICES	13,516	13,573	13,647	13,705	13,721	13,734	13,747	13,771	13,754	13,754	13,759	13,712	13,779
Hotels and other lodging places	920	936	943	947	954	945	955	962	955	951	949	946	-
Personal services	862	858	856	853	847	844	839	834	831	831	834	826	-
Medical and other health services	3,964	3,997	4,018	4,049	4,076	4,098	4,126	4,141	4,160	4,175	4,185	4,197	-
Educational services	1,218	1,219	1,250	1,256	1,259	1,261	1,256	1,273	1,274	1,274	1,274	1,234	-
GOVERNMENT	14,242	14,326	14,443	14,531	14,568	14,588	14,630	14,785	14,808	14,859	14,893	14,888	14,921
FEDERAL	2,735	2,740	2,747	2,748	2,746	2,738	2,733	2,733	2,732	2,729	2,730	2,730	2,740
STATE AND LOCAL	11,507	11,586	11,696	11,783	11,822	11,850	11,897	12,052	12,076	12,130	12,163	12,158	12,181

p = preliminary.

ESTABLISHMENT DATA SEASONALLY ADJUSTED EMPLOMENT

B-6. Production or nonsupervisory workers¹ on private nonagricultural payrolls, by industry division and major manufacturing group, seasonally adjusted

(In thousands)

Industry division and group	1974						1975						
	July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June ^p	July ^p
TOTAL	53,050	53,109	53,171	53,091	52,591	51,851	51,445	50,768	50,434	50,357	50,438	50,310	50,321
GOODS-PRODUCING	18,436	18,427	18,409	18,268	17,894	17,345	17,004	16,414	16,176	16,122	16,183	16,100	16,021
MINING	512	512	517	525	526	492	534	534	536	531	539	536	535
CONTRACT CONSTRUCTION	3,188	3,240	3,221	3,195	3,146	3,077	3,078	2,884	2,774	2,765	2,774	2,719	2,673
MANUFACTURING	14,736	14,675	14,671	14,548	14,222	13,776	13,392	12,996	12,866	12,826	12,870	12,845	12,813
DURABLE GOODS	8,702	8,640	8,651	8,593	8,380	8,086	7,838	7,567	7,499	7,426	7,409	7,369	7,303
Ordnance and accessories	84	84	86	86	85	86	85	85	85	85	85	83	83
Lumber and wood products	549	541	532	514	491	481	463	449	452	450	463	466	475
Furniture and fixtures	438	437	433	421	404	390	371	360	354	357	361	359	358
Stone, clay, and glass products	557	557	548	541	531	516	499	486	478	477	478	476	470
Primary metal industries	1,063	1,069	1,082	1,084	1,068	1,035	1,011	969	940	914	896	881	847
Fabricated metal products	1,160	1,152	1,144	1,128	1,103	1,059	1,011	992	976	975	970	968	965
Machinery, except electrical	1,476	1,490	1,500	1,508	1,494	1,467	1,440	1,404	1,380	1,354	1,325	1,302	1,264
Electrical equipment and supplies	1,400	1,353	1,368	1,354	1,299	1,242	1,208	1,152	1,135	1,118	1,111	1,104	1,105
Transportation equipment	1,284	1,269	1,277	1,285	1,249	1,176	1,126	1,060	1,100	1,099	1,125	1,134	1,139
Instruments and related products	333	333	331	329	324	318	314	305	298	297	293	293	291
Miscellaneous manufacturing	358	355	350	343	332	316	310	305	301	300	302	303	306
NONDURABLE GOODS	6,034	6,035	6,020	5,955	5,842	5,690	5,554	5,429	5,367	5,400	5,461	5,476	5,510
Food and kindred products	1,157	1,170	1,180	1,174	1,160	1,150	1,132	1,125	1,125	1,130	1,139	1,134	1,145
Tobacco manufactures	65	64	61	64	62	63	66	65	63	62	62	61	64
Textile mill products	881	883	876	850	827	797	760	740	737	756	778	784	789
Apparel and other textile products	1,173	1,157	1,152	1,136	1,112	1,059	1,032	1,009	995	1,012	1,027	1,038	1,058
Paper and allied products	551	548	547	536	528	516	504	489	478	474	476	475	480
Printing and publishing	673	673	669	667	658	656	654	645	639	635	632	628	624
Chemicals and allied products	620	624	626	625	617	602	589	580	568	563	567	566	565
Petroleum and coal products	124	123	123	124	124	123	117	114	119	118	120	122	123
Rubber and plastics products, nec	543	548	544	542	517	493	477	446	431	436	442	447	449
Leather and leather products	247	245	242	237	237	231	223	216	212	214	218	221	213
SERVICE-PRODUCING	34,614	34,682	34,762	34,823	34,697	34,506	34,441	34,354	34,258	34,235	34,255	34,210	34,300
TRANSPORTATION AND PUBLIC UTILITIES	4,055	4,058	4,034	4,055	4,050	4,016	3,961	3,916	3,868	3,865	3,851	3,834	3,830
WHOLESALE AND RETAIL TRADE	15,151	15,173	15,205	15,193	15,084	14,917	14,894	14,853	14,832	14,814	14,831	14,874	14,954
WHOLESALE TRADE	3,559	3,565	3,568	3,574	3,567	3,553	3,530	3,508	3,492	3,491	3,486	3,465	3,482
RETAIL TRADE	11,592	11,608	11,637	11,619	11,517	11,364	11,364	11,345	11,331	11,323	11,345	11,409	11,472
FINANCE, INSURANCE, AND REAL ESTATE	3,193	3,196	3,203	3,207	3,187	3,188	3,182	3,174	1,163	3,162	3,164	3,160	3,158
SERVICES	12,215	12,255	12,320	12,368	12,376	12,385	12,404	12,411	12,404	12,394	12,409	12,342	12,358

¹ For coverage of series, see footnote 1, table B-2.

p=preliminary.

ESTABLISHMENT DATA
SEASONALLY ADJUSTED EMPLOYMENT

68

B-7. Indexes of diffusion of changes in number of employees on payrolls in 172 private nonagricultural industries, 1972 to date

Year and month	Span			
	1-month	3-months	6-months	12-months
1972				
January	68.6	71.2	78.8	77.3
February	70.6	80.5	82.0	81.7
March	75.0	80.8	84.9	79.7
April	76.2	84.0	79.7	82.3
May	75.6	82.8	81.1	84.3
June	77.6	74.4	82.6	84.3
July	45.6	74.4	84.6	83.7
August	73.0	74.4	82.0	84.0
September	74.7	82.0	80.2	85.2
October	82.6	83.4	82.8	83.1
November	73.5	79.4	82.3	82.0
December	75.3	80.5	84.6	84.3
1973				
January	73.8	82.0	82.3	80.5
February	73.3	81.1	77.9	83.1
March	76.2	79.4	80.8	84.9
April	66.9	77.0	75.9	85.8
May	57.8	73.3	76.5	86.3
June	72.1	66.6	74.7	84.0
July	59.9	73.0	73.8	79.1
August	66.6	68.6	74.7	74.4
September	59.6	74.7	71.8	68.9
October	75.9	78.2	72.1	64.5
November	77.3	72.4	68.3	65.1
December	58.7	68.6	62.5	61.6
1974				
January	62.5	54.9	55.8	61.6
February	47.1	50.9	50.9	59.0
March	48.0	44.8	50.0	54.9
April	54.1	51.7	49.4	48.0
May	55.5	56.4	50.0	40.7
June	58.7	52.0	50.6	30.5
July	48.8	46.8	39.5	25.9
August	52.3	42.2	34.3	22.4
September	38.1	43.6	27.3	20.1
October	40.4	29.1	20.3	18.6
November	19.2	20.9	18.0	16.3
December	19.8	13.7	14.2	14.0p
1975				
January	17.7	13.7	13.7	16.3p
February	16.6	14.0	12.8	
March	26.2	19.8	16.0p	
April	42.2	35.2	31.7p	
May	54.1	41.9p		
June	41.6p	50.6p		
July	54.9p			
August				
September				
October				
November				
December				

p = preliminary.

ESTABLISHMENT DATA STATE AND AREA EMPLOYMENT

70

B-8. Employees on nonagricultural payrolls for States and selected areas, by industry division

(In thousands)

	State and area	Total			Mining			Contract construction			Manufacturing		
		June 1974	May 1975	June 1975 ^P	June 1974	May 1975	June 1975 ^P	June 1974	May 1975	June 1975 ^P	June 1974	May 1975	June 1975 ^P
1	ALABAMA	1,187.5	1,134.7	1,144.3	9.6	9.5	9.5	75.9	66.3	69.9	359.5	321.9	325.1
2	Birmingham	314.2	309.9	310.8	6.3	6.9	6.9	21.8	20.2	21.2	73.0	68.3	68.0
3	Huntsville	102.9	98.8	99.3	(1)	(1)	(1)	4.4	4.1	4.3	24.8	22.6	22.8
4	Mobile	123.0	121.6	120.4	(1)	(1)	(1)	9.3	8.5	8.6	26.9	26.0	25.8
5	Montgomery	89.3	86.6	86.6	(1)	(1)	(1)	6.8	6.1	6.2	14.9	13.4	13.6
6	Tuscaloosa	47.1	45.5	45.4	(1)	(1)	(1)	3.6	3.3	3.5	12.5	11.2	11.5
7	ALASKA	124.0	133.0	139.8	3.2	3.8	3.8	12.3	13.2	15.3	10.0	8.9	9.8
8	ARIZONA	738.6	724.4	713.8	27.3	24.2	24.3	59.2	48.9	47.3	114.8	97.1	97.7
9	Phoenix	445.2	430.5	424.9	.4	.4	.4	35.1	28.7	27.8	86.7	69.9	70.3
10	Tucson	141.5	140.7	138.5	8.6	8.0	8.0	11.7	10.0	9.7	12.2	12.0	11.9
11	ARKANSAS	654.3	615.9	618.4	4.4	4.1	4.1	37.7	30.8	30.7	210.0	169.4	172.3
12	Fayetteville-Springdale	50.2	49.0	47.0	(1)	(1)	(1)	2.8	2.6	2.3	17.5	14.0	14.3
13	Fort Smith	58.7	53.2	53.7	.3	.3	.3	2.7	2.2	2.3	23.6	18.3	19.4
14	Little Rock-North Little Rock	158.1	149.8	150.4	(1)	(1)	(1)	11.0	9.2	9.6	31.9	26.4	26.7
15	Pine Bluff	26.9	25.5	24.8	(1)	(1)	(1)	1.2	1.0	1.1	6.8	5.8	5.8
16	CALIFORNIA	7,937.5	7,808.1	7,855.5	32.8	31.8	32.0	340.2	284.0	288.9	1,710.3	1,576.3	1,576.7
17	Anaheim-Santa Ana-Garden Grove	562.9	568.3	575.6	2.1	2.2	2.2	28.6	21.5	22.0	157.7	148.9	149.6
18	Bakersfield	102.9	102.0	103.6	7.6	7.3	7.4	4.4	3.8	3.9	9.2	9.0	9.1
19	Fresno	146.1	146.5	148.5	.7	.8	.8	7.8	6.8	7.1	19.9	19.4	19.5
20	Los Angeles-Long Beach	3,123.1	3,039.0	3,047.3	11.0	11.1	11.1	108.8	95.4	95.0	840.7	774.1	773.0
21	Modesto	65.7	66.8	67.5	.1	.1	.1	4.3	3.5	3.6	15.7	15.6	15.9
22	Oxnard-Simi Valley-Ventura	112.3	112.3	113.2	1.8	1.7	1.7	5.1	4.0	4.0	16.7	15.4	15.7
23	Riverside-San Bernardino-Ontario	339.1	337.4	338.6	2.6	2.6	2.4	15.7	12.2	12.6	57.3	50.5	51.1
24	Sacramento	307.4	310.8	315.8	.3	.3	.3	14.1	12.8	13.5	22.5	21.4	21.8
25	Salinas-Seaside-Monterey	75.9	74.3	76.2	.6	.6	.6	3.3	2.4	2.5	9.9	9.1	9.4
26	San Diego	470.0	469.0	471.0	.5	.5	.5	24.3	19.2	20.0	76.2	72.7	72.7
27	San Francisco-Oakland	1,330.8	1,318.3	1,326.2	1.7	1.6	1.6	65.5	58.3	59.6	195.4	185.7	185.3
28	San Jose	475.9	464.8	467.9	.1	.1	.1	20.1	17.3	17.7	161.5	147.7	149.6
29	Santa Barbara-Santa Maria-Lompoc	92.7	93.7	93.5	.7	.7	.7	3.6	3.1	3.1	13.3	12.6	12.4
30	Santa Rosa	64.6	63.9	64.7	.3	.2	.2	4.2	3.4	3.7	9.3	8.5	8.7
31	Stockton	103.0	101.4	103.0	.1	.1	.1	4.4	3.8	4.1	18.8	18.6	17.7
32	Vallejo-Fairfield-Napa	77.6	80.1	81.8	.1	.1	.1	2.5	2.6	3.4	8.0	8.3	8.7
33	COLORADO	980.2	935.3	951.7	16.6	17.6	18.3	72.7	54.3	57.6	146.5	131.6	133.5
34	Denver-Boulder	628.1	599.5	603.3	7.0	6.9	7.0	46.4	35.9	37.8	102.3	91.4	92.7
35	CONNECTICUT	1,287.2	1,221.7	1,224.5	(2)	(2)	(2)	57.7	47.7	48.9	440.2	384.3	383.4
36	Bridgeport	150.8	144.1	144.4	(2)	(2)	(2)	5.5	5.4	5.5	63.6	57.7	57.8
37	Hartford	345.2	335.8	336.3	(2)	(2)	(2)	14.5	12.5	12.9	92.0	84.2	83.8
38	New Britain	47.2	45.0	44.0	(2)	(2)	(2)	1.8	1.7	1.9	24.3	21.1	20.5
39	New Haven	166.3	168.1	167.4	(2)	(2)	(2)	7.8	7.6	7.9	42.1	38.0	37.4
40	Stamford	90.2	87.3	88.3	(2)	(2)	(2)	3.6	3.1	3.2	29.1	26.9	27.1
41	Waterbury	87.6	82.6	82.7	(2)	(2)	(2)	3.3	3.0	3.2	39.0	33.5	33.5
42	DELAWARE	236.7	224.3	226.3	(1)	(1)	(1)	16.9	13.8	13.9	74.4	65.7	66.2
43	Wilmington	210.3	201.0	202.2	(1)	(1)	(1)	16.5	13.3	13.4	70.3	64.0	64.1
44	DISTRICT OF COLUMBIA ³	713.4	711.0	718.9	(1)	(1)	(1)	25.9	20.0	20.5	16.6	16.1	16.2
45	Washington SMSA	1,355.2	1,336.8	1,350.9	(1)	(1)	(1)	95.2	74.9	76.7	49.8	48.1	48.4
46	FLORIDA	2,849.9	2,714.2	2,686.1	10.3	11.3	11.0	270.6	186.1	182.5	377.6	345.6	342.5
47	Fort Lauderdale-Hollywood	249.6	225.2	220.5	(1)	(1)	(1)	32.2	17.4	17.1	27.5	24.8	24.5
48	Jacksonville	258.5	258.9	259.5	(1)	(1)	(1)	21.2	20.2	19.9	30.7	30.7	30.7
49	Miami	614.5	597.6	594.8	(1)	(1)	(1)	44.6	38.4	38.0	92.5	86.4	86.0
50	Orlando	233.3	221.5	220.8	(1)	(1)	(1)	25.0	15.7	15.5	29.1	25.1	24.9
51	Pensacola	82.8	82.7	82.1	(1)	(1)	(1)	8.4	7.5	7.7	14.6	13.0	13.3
52	Tampa-St. Petersburg	436.6	405.2	401.8	(1)	(1)	(1)	42.4	27.0	26.3	65.6	58.4	58.4
53	West Palm Beach-Boca Raton	142.0	144.2	141.1	(1)	(1)	(1)	17.3	14.9	14.9	19.7	17.9	17.7
54	GEORGIA	1,827.6	1,737.8	1,741.2	8.0	7.2	7.2	113.8	92.5	91.9	493.2	433.6	439.9
55	Atlanta	787.2	757.1	758.2	(1)	(1)	(1)	50.9	41.7	41.6	132.6	123.9	124.8
56	Augusta	102.9	99.7	100.0	(1)	(1)	(1)	6.5	5.8	5.9	32.4	30.6	30.9
57	Columbus	75.8	72.8	73.7	(1)	(1)	(1)	4.8	3.8	4.0	22.5	21.2	21.3
58	Macon	90.0	88.5	88.6	(1)	(1)	(1)	4.8	4.2	4.2	14.5	13.5	13.5
59	Savannah	74.2	71.2	72.1	(1)	(1)	(1)	5.3	4.8	4.9	16.3	14.5	15.0

See footnotes at end of table.

ESTABLISHMENT DATA

STATE AND AREA EMPLOYMENT

B-8. Employees on nonagricultural payrolls 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			
June 1974	May 1975	June 1975 ^P	June 1974	May 1975	June 1975 ^P	June 1974	May 1975	June 1975 ^P	June 1974	May 1975	June 1975 ^P	June 1974	May 1975	June 1975 ^P	
63.3	59.8	59.5	229.3	223.7	224.8	50.5	50.4	50.6	165.2	166.0	165.8	234.2	237.1	239.1	1
23.1	22.7	22.8	74.4	74.7	74.7	19.7	20.2	20.3	49.8	50.4	50.4	46.1	46.5	46.5	2
2.2	2.1	2.1	18.4	17.9	17.9	2.8	2.7	2.8	18.1	17.2	17.4	32.2	32.2	32.0	3
9.9	9.5	8.7	29.8	29.4	29.5	5.8	5.9	5.9	22.3	22.8	22.9	19.0	19.5	19.0	4
4.6	4.4	4.4	20.9	20.2	20.2	5.1	5.0	5.1	15.2	15.0	14.9	21.8	22.5	22.2	5
1.9	1.8	1.8	7.8	7.7	7.7	1.5	1.5	1.5	4.9	4.7	4.7	14.9	15.3	14.7	6
12.4	14.4	15.3	20.0	22.1	23.3	5.0	5.4	5.5	18.6	18.7	19.8	42.5	46.5	47.0	7
39.9	38.9	39.1	171.0	173.0	173.2	42.5	41.9	42.0	129.5	131.5	131.1	154.4	168.9	159.1	8
24.3	23.8	23.9	111.8	112.3	112.2	32.1	32.2	32.3	81.1	81.6	80.8	73.7	81.6	77.2	9
8.0	7.5	7.6	29.9	30.2	30.2	6.6	6.0	6.0	26.5	26.4	26.2	38.0	40.6	38.9	10
38.6	36.4	36.5	132.3	132.9	133.4	27.6	27.6	28.2	87.9	89.2	91.4	115.8	125.5	121.8	11
3.1	3.1	3.1	10.5	10.2	10.2	2.0	2.0	2.0	6.8	7.1	7.0	7.5	10.0	8.1	12
3.2	3.0	3.0	11.8	11.5	11.7	2.0	1.9	2.0	8.9	8.6	8.5	6.2	7.4	6.5	13
11.8	11.5	11.4	35.7	33.7	33.8	10.9	10.8	10.9	25.9	25.3	25.6	30.9	32.9	32.4	14
3.5	3.1	3.2	5.2	4.9	4.9	1.1	1.1	1.1	4.0	4.1	4.1	5.1	5.5	4.6	15
481.6	464.9	468.6	1,775.9	1,767.6	1,777.0	454.6	449.8	451.4	1,543.7	1,565.4	1,585.7	1,598.4	1,668.3	1,675.2	16
17.5	17.5	17.8	131.2	141.3	143.9	31.1	32.4	32.7	107.3	110.6	112.5	87.4	93.9	94.9	17
6.5	6.6	6.7	24.3	24.4	25.3	4.0	3.9	3.9	18.4	17.9	18.5	28.5	29.1	28.8	18
8.8	8.8	9.0	37.7	35.6	37.4	7.2	7.2	7.2	27.4	27.5	28.1	36.6	40.4	39.4	19
180.8	174.0	175.2	701.1	692.1	693.9	189.7	185.6	186.7	629.6	629.1	633.2	461.4	477.6	479.2	20
3.2	3.1	3.2	14.4	14.6	14.6	2.0	2.0	2.0	13.2	13.5	13.7	12.8	14.4	14.4	21
4.4	4.4	4.4	25.6	26.1	26.1	4.2	4.4	4.4	19.8	20.7	20.7	34.7	36.1	36.2	22
19.5	18.7	18.8	79.2	80.6	81.0	12.3	12.2	12.3	66.7	69.6	68.5	85.8	91.0	91.9	23
17.8	16.5	16.7	65.9	68.1	68.7	13.3	13.4	13.5	49.0	49.3	50.0	124.5	129.0	131.3	24
4.6	4.4	4.5	19.5	18.6	19.6	2.9	2.9	2.9	14.7	15.0	15.3	20.4	21.3	21.4	25
23.5	22.6	22.7	105.1	107.5	108.1	26.3	25.2	25.5	95.8	95.9	96.6	118.3	125.4	124.9	26
127.0	122.3	123.2	290.7	286.8	288.5	112.8	113.1	113.5	258.5	262.4	265.7	279.2	288.1	288.8	27
19.4	18.6	18.7	89.2	90.1	90.5	18.9	18.7	19.0	94.8	96.4	96.4	71.9	75.9	75.9	28
3.1	3.0	3.0	21.0	21.0	21.2	4.3	4.2	4.2	23.6	24.1	23.8	23.1	25.0	25.1	29
3.3	3.3	3.3	15.1	15.3	15.7	4.2	4.2	4.2	11.9	11.9	12.0	16.3	17.1	16.9	30
7.9	7.6	7.9	23.1	22.4	23.3	3.7	3.6	3.7	19.1	19.1	19.7	25.9	26.2	26.5	31
3.7	3.8	3.9	14.2	14.2	14.4	2.2	2.2	2.2	13.8	14.2	14.1	33.1	34.7	35.0	32
62.2	58.4	59.7	236.9	222.9	227.1	57.6	55.6	56.5	184.3	176.7	186.5	203.4	218.1	212.6	33
43.2	40.2	40.7	156.3	147.3	149.1	42.6	41.6	42.1	120.4	117.8	119.3	109.9	118.4	114.5	34
56.8	54.8	55.0	250.6	248.2	249.3	86.4	86.5	86.9	220.7	220.3	221.0	174.8	180.0	180.0	35
6.5	6.4	6.5	29.0	29.0	29.0	6.0	5.9	6.0	23.3	23.5	23.3	17.0	16.1	16.3	36
12.8	12.9	13.0	69.5	69.9	70.1	49.8	49.5	49.8	56.3	56.8	56.8	50.3	50.0	50.0	37
1.5	1.5	1.5	7.1	7.3	7.2	1.3	1.4	1.4	6.0	6.2	6.2	5.1	5.8	5.4	38
13.9	14.1	14.1	34.3	36.0	36.3	9.0	9.4	9.4	37.5	40.7	40.7	21.7	22.3	21.7	39
3.2	3.3	3.4	19.8	19.7	19.9	5.5	5.4	5.4	19.9	19.8	20.2	9.1	9.0	9.1	40
3.3	3.2	3.2	13.4	13.7	13.8	3.1	3.2	3.3	14.6	14.9	14.9	10.8	11.1	10.9	41
11.8	11.5	11.5	48.0	46.3	46.6	11.4	11.5	11.5	40.0	37.8	38.9	34.2	37.7	37.7	42
10.4	10.1	10.3	39.9	38.8	38.8	10.3	10.2	10.3	34.9	33.8	34.5	28.0	30.8	30.8	43
29.7	29.5	29.5	67.7	68.1	68.8	33.6	33.2	33.3	145.7	148.5	148.5	394.2	395.6	402.1	44
68.5	66.8	68.0	252.3	251.3	252.8	81.0	79.3	80.2	305.0	308.2	309.7	503.4	508.2	515.1	45
188.7	186.6	183.3	721.9	685.6	678.7	198.0	186.3	187.0	572.3	576.1	572.1	510.5	536.6	529.0	46
14.3	14.8	14.7	67.7	62.6	60.3	19.3	16.1	16.1	53.3	53.2	51.5	35.3	36.3	36.3	47
22.8	22.7	22.4	66.3	65.8	66.4	26.6	26.6	26.8	45.1	45.7	45.7	45.8	47.2	47.6	48
62.1	59.5	59.5	154.9	152.7	151.6	47.2	45.5	45.6	141.5	140.2	139.4	71.7	74.9	74.7	49
12.6	12.4	12.4	63.6	62.9	62.7	16.2	15.3	15.3	52.6	54.9	54.9	34.2	35.2	35.1	50
4.3	4.2	4.3	17.8	17.8	17.8	3.5	3.3	3.4	13.4	14.4	13.9	20.8	22.5	21.7	51
28.0	25.5	25.4	122.2	114.7	114.3	30.9	29.7	29.8	85.8	85.5	84.4	61.7	64.4	63.2	52
6.8	6.7	6.7	37.0	38.5	37.6	10.7	10.8	10.8	30.3	32.8	31.1	20.2	22.6	22.3	53
119.8	111.9	113.4	403.7	385.7	386.3	99.3	97.0	96.9	253.6	255.2	255.8	336.2	354.7	349.8	54
72.6	67.1	67.8	219.6	208.3	208.0	61.6	60.3	60.1	132.0	132.1	132.3	117.9	123.7	123.6	55
4.2	3.8	3.8	18.5	17.2	17.3	3.6	3.4	3.5	12.0	12.8	13.1	25.7	26.1	25.5	56
3.0	2.7	2.7	14.3	13.3	13.5	4.4	4.3	4.4	9.6	9.7	9.9	17.2	17.8	17.9	57
3.6	3.6	3.6	17.7	17.5	17.9	4.7	5.3	5.3	13.8	13.8	13.7	30.9	30.6	30.4	58
7.9	6.7	7.1	17.0	17.2	17.1	3.4	3.3	3.3	11.7	11.7	11.7	12.6	13.0	13.0	59

ESTABLISHMENT DATA STATE AND AREA EMPLOYMENT

72

B-8. Employees on nonagricultural payrolls for States and selected areas, by industry division—Continued

(In thousands)

	State and area	Total			Mining			Contract construction			Manufacturing		
		June 1974	May 1975	June 1975 ^P	June 1974	May 1975	June 1975 ^P	June 1974	May 1975	June 1975 ^P	June 1974	May 1975	June 1975 ^P
1	HAWAII	342.2	339.5	343.7	(1)	(1)	(1)	28.5	28.8	29.0	26.7	23.6	26.1
2	Honolulu	291.3	287.0	290.8	(1)	(1)	(1)	24.4	24.8	25.0	20.2	17.2	19.3
3	IDAHO	258.4	275.7	283.1	3.7	3.9	4.0	10.1	18.0	19.1	47.7	46.7	49.0
4	Boise City	55.6	57.6	58.1	(1)	(1)	(1)	3.3	4.3	4.5	6.1	5.7	5.9
5	ILLINOIS	4,443.6	4,311.4	4,332.4	23.4	24.0	24.4	174.5	182.9	192.2	1,347.4	1,190.1	1,193.8
6	Bloomington—Normal	43.2	46.0	(*)	(2)	(2)	(*)	1.5	1.6	(*)	7.3	6.7	(*)
7	Champaign—Urbana—Rantoul	59.7	64.8	(*)	(2)	(2)	(*)	3.1	3.0	(*)	5.9	5.8	(*)
8	Chicago SMSA	3,047.3	2,927.5	(*)	4.1	4.0	(*)	124.3	126.5	(*)	917.8	806.1	(*)
9	Chicago—Northwestern Indiana	3,289.7	3,157.7	(*)	4.2	4.1	(*)	136.3	138.7	(*)	1,026.8	901.8	(*)
10	Davenport—Rock Island—Moline	144.9	142.7	(*)	(2)	(2)	(*)	6.7	5.6	(*)	47.9	45.1	(*)
11	Decatur	52.0	50.7	(*)	(2)	(2)	(*)	2.2	2.6	(*)	20.5	18.7	(*)
12	Peoria	136.1	137.7	(*)	(2)	(2)	(*)	7.0	8.1	(*)	50.1	49.8	(*)
13	Rockford	109.6	108.2	(*)	(2)	(2)	(*)	3.0	2.9	(*)	51.0	48.9	(*)
14	Springfield	74.8	76.5	(*)	(2)	(2)	(*)	2.5	3.9	(*)	10.0	8.9	(*)
15	INDIANA	2,030.0	1,923.4	1,921.6	7.5	7.7	7.9	89.9	82.8	84.8	744.6	638.3	641.9
16	Evansville	104.7	103.6	104.2	1.8	1.8	1.8	5.4	4.4	4.7	33.9	34.5	34.7
17	Fort Wayne	161.2	150.1	150.8	(1)	(1)	(1)	6.9	6.4	6.8	61.4	52.5	52.5
18	Gary—Hammond—East Chicago	242.4	229.8	232.5	(1)	(1)	(1)	12.0	12.1	11.4	109.0	95.6	96.4
19	Indianapolis	464.6	445.7	443.7	(1)	(1)	(1)	22.4	19.4	18.0	129.9	117.2	117.0
20	Muncie	48.6	46.3	44.7	(1)	(1)	(1)	1.9	1.6	1.6	17.8	14.4	14.0
21	South Bend	104.9	100.5	100.0	(1)	(1)	(1)	4.9	4.3	4.0	34.4	29.5	29.7
22	Terre Haute	58.2	56.9	56.8	1.0	1.0	1.0	2.2	2.2	2.3	17.6	15.5	15.8
23	IOWA	1,013.9	1,009.9	1,012.6	3.3	3.1	3.2	52.3	49.3	54.4	255.2	231.6	232.7
24	Cedar Rapids	73.6	73.9	75.0	(1)	(1)	(1)	3.5	3.1	3.4	26.8	25.9	26.3
25	Des Moines	152.3	155.0	155.9	(1)	(1)	(1)	4.6	7.8	8.0	28.7	26.1	25.9
26	Dubuque	40.6	39.1	38.9	(1)	(1)	(1)	1.4	1.2	1.3	17.4	15.6	15.6
27	Sioux City	48.7	48.4	48.6	(1)	(1)	(1)	2.1	3.2	3.3	13.8	11.3	11.4
28	Waterloo—Cedar Falls	58.0	56.9	56.5	(1)	(1)	(1)	2.4	2.1	2.5	21.6	19.7	19.5
29	KANSAS	785.4	783.7	784.3	10.2	10.6	10.6	40.7	35.7	37.4	167.9	160.2	160.3
30	Topeka	74.4	73.2	73.7	.1	.1	.1	3.1	2.3	2.8	11.2	10.5	10.4
31	Wichita	166.0	166.9	166.6	2.1	2.2	2.2	9.7	8.4	8.4	50.3	51.1	51.6
32	KENTUCKY	1,079.5	1,066.2	1,068.3	38.6	42.6	42.7	59.6	52.2	55.8	296.1	270.3	268.8
33	Lexington—Fayette	119.6	119.4	119.4	(1)	(1)	(1)	7.4	6.2	7.3	29.8	28.5	28.5
34	Louisville	372.6	353.7	(*)	(1)	(1)	(1)	19.2	15.6	(*)	121.0	103.9	(*)
35	LOUISIANA	1,184.5	1,196.4	1,188.0	54.3	55.5	56.0	87.9	89.5	89.8	186.4	180.3	182.0
36	Baton Rouge	151.8	152.9	153.3	.9	.9	.9	17.3	14.9	16.1	21.9	21.8	21.8
37	Lake Charles	48.0	47.8	47.9	1.3	1.2	1.3	5.3	5.3	5.3	10.7	10.5	10.3
38	Monroe	43.1	42.2	42.4	.3	.3	.4	4.1	3.8	3.8	7.3	6.9	6.9
39	New Orleans	415.3	418.7	416.0	14.8	15.4	15.4	27.0	26.9	26.6	52.3	49.7	50.5
40	Shreveport	122.6	122.6	122.2	4.3	4.4	4.4	8.9	7.7	7.7	25.0	24.5	24.7
41	MAINE	376.3	348.9	360.4	(1)	(1)	(1)	21.7	17.0	18.8	109.2	91.7	96.3
42	Lewiston—Auburn	30.9	29.5	30.0	(1)	(1)	(1)	1.5	1.4	1.4	12.0	11.0	11.3
43	Portland	73.0	69.5	69.8	(1)	(1)	(1)	4.5	4.0	3.9	14.6	12.2	12.3
44	MARYLAND	1,454.7	1,412.6	1,432.4	1.8	1.7	1.8	109.1	88.9	96.0	260.5	227.4	235.4
45	Baltimore	866.1	832.5	844.7	.2	.2	.2	51.0	39.2	44.6	183.5	159.0	165.4
46	MASSACHUSETTS	2,395.4	2,344.6	2,357.9	(1)	(1)	(1)	112.0	97.1	100.2	628.1	567.7	572.7
47	Boston	1,285.6	1,265.1	1,272.4	(1)	(1)	(1)	56.1	48.8	50.5	266.2	247.3	249.8
48	Brockton	61.9	60.9	60.9	(1)	(1)	(1)	3.2	2.9	3.0	16.1	14.1	14.1
49	Fall River	48.4	44.9	45.5	(1)	(1)	(1)	(1)	(1)	(1)	20.5	18.2	18.5
50	Lawrence—Haverhill	95.1	92.3	92.1	(1)	(1)	(1)	2.8	2.3	2.4	41.5	37.6	37.4
51	Lowell	62.0	60.3	61.0	(1)	(1)	(1)	3.2	2.9	3.1	22.4	20.6	20.8
52	New Bedford	61.4	55.8	57.0	(1)	(1)	(1)	1.9	1.7	1.8	27.1	22.7	23.5
53	Springfield—Chicopee—Holyoke	200.3	190.7	191.5	(1)	(1)	(1)	7.8	7.2	7.4	66.4	56.8	57.2
54	Worcester	138.9	132.3	131.9	(1)	(1)	(1)	5.4	4.6	4.9	44.2	39.6	39.4
55	MICHIGAN	3,311.0	3,140.2	3,163.3	13.9	13.9	14.3	136.3	106.8	108.5	1,115.5	985.5	995.8
56	Ann Arbor	110.0	107.4	106.8	(1)	(1)	(1)	2.6	1.7	1.8	35.2	30.8	30.8
57	Battle Creek	64.7	62.4	62.6	(1)	(1)	(1)	1.8	1.7	1.8	25.5	23.0	23.0
58	Bay City	32.4	31.6	31.6	(1)	(1)	(1)	1.0	.8	.7	10.1	10.2	10.4
59	Detroit	1,683.5	1,597.9	1,610.0	1.3	1.3	1.4	62.0	50.0	51.2	596.5	533.5	537.9
60	Flint	170.2	172.1	175.3	(1)	(1)	(1)	2.4	5.0	5.0	73.9	70.2	72.6

See footnotes at end of table.

ESTABLISHMENT DATA STATE AND AREA EMPLOYMENT

B-8. Employees on nonagricultural payrolls 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			
June 1974	May 1975	June 1975 ^P	June 1974	May 1975	June 1975 ^P	June 1974	May 1975	June 1975 ^P	June 1974	May 1975	June 1975 ^P	June 1974	May 1975	June 1975 ^P	
25.4	25.2	25.7	82.9	84.4	84.5	23.2	23.2	23.2	72.5	71.7	71.6	83.0	82.6	83.6	1
21.4	21.3	21.7	70.7	71.9	72.0	21.2	21.0	21.0	60.4	59.3	59.2	73.0	71.5	72.6	2
16.9	17.1	17.2	64.7	69.7	70.1	10.9	11.3	11.5	42.2	44.9	46.6	62.2	64.1	65.6	3
3.7	3.7	3.8	14.7	14.9	14.9	3.9	3.9	3.9	9.5	9.2	9.2	14.4	15.9	15.9	4
290.0	280.5	283.3	974.2	958.8	965.8	251.8	252.0	254.0	736.8	746.9	752.7	645.5	676.3	666.3	5
3.2	3.1	(*)	10.1	10.0	(*)	6.0	6.2	(*)	7.3	7.3	(*)	7.8	11.1	(*)	6
2.7	2.5	(*)	12.4	12.3	(*)	1.7	1.8	(*)	8.8	9.0	(*)	25.3	30.4	(*)	7
206.9	200.4	(*)	675.9	659.7	(*)	197.8	196.4	(*)	535.9	541.3	(*)	384.6	393.2	(*)	8
221.6	215.3	(*)	717.8	701.1	(*)	205.0	203.6	(*)	564.1	570.9	(*)	414.0	422.4	(*)	9
8.0	8.0	(*)	33.3	33.7	(*)	5.9	6.0	(*)	20.4	21.3	(*)	22.7	22.9	(*)	10
4.3	4.2	(*)	9.9	9.5	(*)	2.1	2.1	(*)	8.5	8.4	(*)	4.4	5.2	(*)	11
7.7	7.5	(*)	29.1	29.3	(*)	6.0	5.9	(*)	20.6	21.4	(*)	15.6	15.8	(*)	12
4.1	3.8	(*)	22.4	22.7	(*)	3.5	3.5	(*)	15.2	15.6	(*)	10.3	10.9	(*)	13
4.2	4.2	(*)	14.7	14.6	(*)	5.9	6.0	(*)	13.7	14.4	(*)	23.6	24.5	(*)	14
107.1	101.7	102.5	422.1	414.3	416.0	88.9	87.3	88.1	269.8	273.0	274.4	300.1	318.4	306.0	15
6.1	6.0	6.0	24.0	23.4	23.5	3.7	3.6	3.7	18.5	18.4	18.3	11.3	11.5	11.5	16
10.8	10.2	10.3	36.1	34.7	34.6	8.4	8.6	8.7	22.2	22.4	22.5	15.4	15.3	15.4	17
14.7	14.9	15.0	41.9	41.4	41.9	7.2	7.2	7.3	28.2	29.3	29.4	29.4	29.3	31.1	18
29.3	27.8	27.9	106.7	104.3	104.1	32.8	32.2	32.5	68.3	67.1	66.9	75.2	77.7	77.3	19
2.2	2.1	2.1	10.4	10.2	10.3	1.5	1.5	1.5	6.6	6.4	6.6	8.2	10.1	8.6	20
4.9	4.9	4.9	23.6	22.8	23.0	6.0	5.8	6.0	20.1	21.2	20.5	11.0	12.0	11.9	21
4.2	4.0	4.0	13.5	13.5	13.5	1.8	1.8	1.8	8.0	8.3	8.4	9.9	10.6	10.0	22
57.0	55.3	56.0	244.4	251.7	253.3	47.5	47.4	47.9	169.9	178.7	175.6	184.3	192.9	189.5	23
3.7	3.8	3.8	15.2	15.4	15.5	3.4	3.5	3.6	11.8	12.7	12.6	9.2	9.5	9.8	24
11.0	10.6	10.5	36.3	36.9	36.9	17.4	17.3	17.4	29.6	30.9	31.4	24.7	25.3	25.8	25
1.8	1.7	1.7	7.9	7.6	7.5	1.1	1.1	1.1	7.1	8.3	8.1	3.9	3.6	3.6	26
3.5	3.7	3.8	12.1	11.9	11.9	2.4	2.5	2.5	9.2	9.9	9.8	5.7	6.0	5.9	27
2.5	2.4	2.5	12.3	12.1	12.1	1.6	1.7	1.8	8.5	9.0	9.0	9.1	9.9	9.1	28
57.4	53.7	54.7	183.5	178.9	179.2	36.9	37.1	37.4	126.3	133.2	134.1	162.5	174.3	170.6	29
7.7	7.1	7.1	15.8	15.6	15.6	4.9	5.1	5.0	12.7	13.0	13.0	18.9	19.7	19.8	30
8.7	8.3	8.4	36.5	35.9	36.0	8.2	8.2	8.2	29.4	30.2	30.6	21.3	22.8	21.4	31
62.7	60.7	61.2	216.0	215.0	216.0	42.6	43.3	43.7	163.0	168.6	168.2	200.9	213.5	211.9	32
6.3	6.3	6.4	24.2	24.9	25.0	5.5	5.4	5.4	17.5	17.8	18.2	28.9	30.3	28.6	33
23.4	22.1	(*)	80.3	78.9	(*)	19.9	20.6	(*)	60.2	63.0	(*)	48.6	49.6	(*)	34
99.7	97.4	98.3	269.7	274.6	275.3	58.2	58.6	58.8	190.8	193.5	190.7	237.5	247.0	237.1	35
8.4	8.6	8.5	29.7	29.3	29.4	8.2	8.2	8.3	21.6	21.3	21.3	43.8	47.9	47.0	36
2.9	2.7	2.9	10.5	10.5	10.5	1.9	2.0	2.0	7.3	7.2	7.4	8.1	8.4	8.2	37
2.7	2.6	2.6	11.3	10.9	11.1	2.9	3.0	3.0	6.1	6.3	6.2	8.4	8.4	8.4	38
45.4	44.1	44.3	104.0	104.8	104.9	26.2	25.9	25.9	81.7	83.2	81.2	63.9	68.7	67.2	39
10.9	10.5	10.5	29.7	29.8	29.6	5.6	5.6	5.7	20.3	20.2	20.3	17.9	19.9	19.3	40
18.8	17.3	17.7	78.8	73.0	76.0	14.4	14.4	14.5	57.9	56.5	58.0	75.5	79.0	79.1	41
1.1	1.1	1.1	7.0	6.8	6.9	1.3	1.3	1.3	5.3	5.1	5.2	2.7	2.8	2.8	42
5.0	4.9	5.0	18.9	17.4	17.6	5.9	6.0	6.1	13.6	13.8	13.9	10.5	11.2	11.0	43
82.8	80.2	80.4	347.9	345.8	349.1	81.1	78.0	79.5	281.7	285.3	286.5	289.8	305.3	303.7	44
56.9	54.4	54.5	190.7	188.5	189.3	48.6	47.1	47.6	155.4	157.0	157.3	179.8	187.1	185.8	45
124.8	118.7	119.0	535.8	530.6	537.9	136.6	136.7	137.5	509.7	530.6	528.7	348.4	363.2	361.9	46
74.3	69.1	69.0	297.9	287.3	289.3	98.2	98.6	99.4	316.5	329.2	328.6	176.4	184.8	185.8	47
4.5	4.7	4.6	16.7	17.2	17.3	1.9	1.9	1.9	9.5	9.9	9.9	10.0	10.2	10.1	48
2.1	1.8	1.9	9.1	8.5	8.5	(¹)	(¹)	(¹)	11.2	11.1	11.1	5.5	5.3	5.5	49
3.6	3.6	3.7	17.1	17.2	17.3	3.2	3.2	3.2	14.3	14.4	14.6	12.6	14.0	13.5	50
2.5	2.5	2.5	13.0	13.1	13.1	2.0	1.9	1.9	9.4	9.4	9.5	9.5	9.9	10.1	51
3.1	3.1	3.1	11.4	10.3	10.4	(¹)	(¹)	(¹)	11.2	11.1	11.2	6.7	6.9	7.0	52
9.5	9.1	9.2	43.9	41.9	42.1	10.6	10.8	10.8	33.8	34.8	34.4	28.3	30.1	30.4	53
7.3	5.8	5.9	28.8	27.9	27.7	8.1	7.9	7.9	24.2	25.2	24.8	20.9	21.3	21.3	54
157.1	147.3	149.0	673.6	650.4	653.3	131.4	129.1	129.9	527.5	526.4	529.1	555.8	580.8	583.5	55
2.8	2.6	2.7	15.9	16.3	16.6	3.2	3.1	3.2	15.3	15.6	15.9	35.0	37.4	35.9	56
2.4	2.4	2.4	9.8	10.0	10.0	3.9	3.8	3.8	9.3	9.6	9.6	11.9	12.0	12.0	57
2.1	2.1	2.1	7.7	6.8	6.9	1.0	1.0	1.0	5.6	5.7	5.7	5.0	5.0	4.8	58
82.2	77.6	78.3	330.6	319.8	319.8	77.5	76.5	76.8	287.1	283.3	284.6	246.2	255.9	260.1	59
5.5	5.5	5.4	35.0	33.7	34.6	4.8	4.9	4.9	22.7	23.9	24.2	26.0	28.9	28.5	60

ESTABLISHMENT DATA
STATE AND AREA EMPLOYMENT

74

B-8. Employees on nonagricultural payrolls for States and selected areas, by industry division—Continued

(In thousands)

	State and area	Total			Mining			Contract construction			Manufacturing		
		June 1974	May 1975	June 1975 ^P	June 1974	May 1975	June 1975 ^P	June 1974	May 1975	June 1975 ^P	June 1974	May 1975	June 1975 ^P
1	MICHIGAN—Continued												
2	Grand Rapids	220.9	211.0	210.8	(1)	(1)	(1)	10.9	9.8	10.3	79.7	69.2	69.4
3	Jackson	52.7	50.2	49.8	(1)	(1)	(1)	1.8	1.7	1.8	18.1	15.6	15.1
4	Kalamazoo—Portage	93.8	91.0	91.7	(1)	(1)	(1)	4.1	4.1	4.2	33.6	30.7	31.1
5	Lansing—East Lansing	155.3	154.5	152.8	(1)	(1)	(1)	6.1	5.9	6.7	36.9	33.4	34.3
6	Muskegon—Muskegon Heights	57.3	53.9	54.7	(1)	(1)	(1)	2.3	1.7	2.0	23.4	20.5	20.9
7	Saginaw	80.0	75.7	76.1	(1)	(1)	(1)	2.4	2.2	2.4	32.7	29.5	29.7
8	MINNESOTA	1,512.5	1,475.5	1,486.5	14.9	14.5	15.3	73.6	64.8	63.9	347.4	316.6	320.0
9	Duluth—Superior	57.8	55.8	56.8	(1)	(1)	(1)	2.3	1.9	2.3	7.4	7.5	7.5
10	Minneapolis—St. Paul	911.5	890.5	885.2	(1)	(1)	(1)	41.1	35.4	30.9	226.0	205.4	205.0
11	MISSISSIPPI	703.9	675.0	668.9	6.5	6.5	6.6	49.0	36.9	37.5	227.1	199.0	200.8
12	Jackson	117.0	115.0	113.3	.8	.8	.8	9.1	6.1	5.9	18.2	16.7	16.9
13	MISSOURI	1,789.6	1,745.8	1,741.7	8.5	8.6	8.8	72.0	74.7	75.8	458.5	406.2	408.7
14	Kansas City	551.5	537.6	539.1	.7	.6	.6	25.8	23.7	24.3	118.3	107.6	107.7
15	St. Joseph	34.8	33.9	33.8	(2)	(2)	(2)	2.1	1.8	1.8	9.7	9.1	9.1
16	St. Louis	892.4	877.8	879.5	2.1	2.5	2.5	20.2	25.2	26.0	258.1	236.8	238.1
17	Springfield	72.4	69.9	70.3	.2	.2	.2	3.1	3.6	3.7	20.1	16.7	16.8
18	MONTANA	243.8	240.9	249.2	7.7	7.3	7.4	11.7	11.4	12.9	25.7	22.9	24.2
19	Billings	38.0	38.2	38.7	(1)	(1)	(1)	1.8	1.9	2.0	3.6	3.2	3.3
20	Great Falls	27.3	28.5	28.7	(1)	(1)	(1)	1.5	1.5	1.6	2.0	1.8	1.9
21	NEBRASKA	560.3	559.8	560.0	1.9	1.8	1.9	31.8	31.5	31.8	94.9	85.2	85.4
22	Lincoln	85.2	87.7	86.2	(2)	(2)	(2)	5.4	4.9	5.1	13.3	12.1	12.2
23	Omaha	239.3	240.3	238.5	(2)	(2)	(2)	11.2	12.2	10.8	39.0	35.0	34.5
24	NEVADA	264.1	270.9	273.6	4.2	4.1	4.2	17.2	16.5	16.8	12.6	11.9	12.1
25	Las Vegas	143.9	148.0	149.2	.2	.2	.2	10.4	9.3	9.3	5.1	5.1	5.1
26	Reno	72.2	75.4	75.3	.3	.3	.3	4.4	4.9	5.1	4.9	4.5	4.6
27	NEW HAMPSHIRE	312.7	295.3	304.6	.4	.4	.4	18.9	16.1	17.1	95.9	85.5	85.5
28	Manchester	53.2	51.1	51.2	(1)	(1)	(1)	3.0	2.9	3.0	16.4	14.2	14.0
29	NEW JERSEY	2,856.1	2,634.8	2,688.7	3.3	2.9	2.9	130.3	77.8	88.1	841.5	720.3	732.8
30	Atlantic City	71.0	67.3	71.8	-	-	-	3.8	2.5	2.8	10.4	10.3	10.2
31	Camden	301.0	285.9	288.1	.2	.2	.2	19.4	12.8	14.1	71.7	60.7	61.1
32	Hackensack	363.8	337.0	345.0	(1)	(1)	(1)	16.6	11.2	12.2	112.3	96.6	100.2
33	Jersey City	246.3	229.9	231.7	(1)	(1)	(1)	5.1	4.4	4.6	89.2	78.2	79.9
34	Long Branch—Asbury Park	143.6	137.0	143.0	(1)	(1)	(1)	8.0	4.3	5.0	24.6	22.9	23.1
35	Newark	888.1	833.0	837.9	1.2	1.1	1.1	37.7	25.5	27.8	260.6	226.5	228.1
36	New Brunswick—Perth Amboy—Sayreville	257.5	241.9	244.7	(1)	(1)	(1)	11.3	9.0	10.0	96.1	79.7	80.2
37	Paterson—Clifton—Passaic	191.4	174.2	177.2	(1)	(1)	(1)	7.5	4.4	5.0	75.0	64.7	66.2
38	Trenton	151.1	146.4	147.1	(1)	(1)	(1)	3.4	3.4	3.7	40.3	35.6	36.0
39	Vineland—Millville—Bridgeton	53.8	48.7	49.5	(1)	(1)	(1)	2.1	1.7	1.9	20.8	16.5	16.6
40	NEW MEXICO	363.5	366.9	372.3	19.3	19.9	20.2	25.0	24.8	26.1	29.7	26.9	27.3
41	Albuquerque	144.6	144.7	146.0	(1)	(1)	(1)	10.5	10.2	10.6	15.7	14.3	14.6
42	NEW YORK	7,192.6	6,929.4	6,946.6	8.0	7.5	7.5	279.2	240.3	238.8	1,607.9	1,448.1	1,455.6
43	Albany—Schenectady—Troy	314.3	310.9	(*)	(1)	(1)	(*)	14.3	12.8	(*)	67.2	60.1	(*)
44	Binghamton	107.6	102.7	(*)	(1)	(1)	(*)	3.4	3.1	(*)	41.6	37.6	(*)
45	Buffalo	504.1	479.8	(*)	(1)	(1)	(*)	19.4	16.2	(*)	156.9	139.0	(*)
46	Elmira	39.8	37.4	(*)	(1)	(1)	(*)	2.7	1.7	(*)	13.4	12.1	(*)
47	Monroe County ⁸	330.6	317.2	(*)	(1)	(1)	(*)	14.4	10.3	(*)	137.1	124.9	(*)
48	Nassau—Suffolk ⁹	822.3	806.2	(*)	(1)	(1)	(*)	44.7	38.1	(*)	154.1	143.9	(*)
49	New York—Northeastern New Jersey	6,656.8	6,390.1	(*)	3.5	3.2	(*)	250.9	201.3	(*)	1,488.9	1,338.5	(*)
50	New York and Nassau—Suffolk ⁷	4,709.6	4,569.2	(*)	2.1	1.9	(*)	172.7	146.5	(*)	855.6	789.0	(*)
51	New York SMSA ⁹	3,887.3	3,763.0	(*)	2.0	1.8	(*)	128.0	108.4	(*)	701.6	645.1	(*)
52	New York City ¹⁰	3,487.9	3,379.0	(*)	1.5	1.5	(*)	105.2	89.6	(*)	617.1	567.4	(*)
53	Poughkeepsie	87.8	87.7	(*)	(1)	(1)	(*)	3.9	3.1	(*)	30.3	28.9	(*)
54	Rochester	400.4	384.8	(*)	(1)	(1)	(*)	17.1	12.6	(*)	155.7	140.9	(*)
55	Rockland County ¹⁶	74.3	73.6	(*)	(1)	(1)	(*)	3.6	3.5	(*)	14.8	14.6	(*)
56	Syracuse	245.3	231.6	(*)	(1)	(1)	(*)	13.7	9.6	(*)	63.0	52.0	(*)
57	Utica—Rome	115.4	110.3	(*)	(1)	(1)	(*)	4.5	3.9	(*)	36.1	31.8	(*)
58	Westchester County ¹⁰	314.3	299.2	(*)	(1)	(1)	(*)	18.0	13.9	(*)	68.6	62.1	(*)
59	NORTH CAROLINA	2,066.9	1,982.2	1,992.5	4.3	3.9	3.9	125.8	117.2	118.0	805.9	722.7	728.7
60	Asheville	64.8	59.0	60.7	(1)	(1)	(1)	3.9	3.5	3.6	23.1	17.4	17.8
	Charlotte—Gastonia	281.3	269.7	272.1	(1)	(1)	(1)	17.7	16.3	16.7	87.0	78.3	78.5

See footnotes at end of table.

ESTABLISHMENT DATA

STATE AND AREA EMPLOYMENT

B-8. Employees on nonagricultural payrolls 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			
June 1974	May 1975	June 1975 ^P	June 1974	May 1975	June 1975 ^P	June 1974	May 1975	June 1975 ^P	June 1974	May 1975	June 1975 ^P	June 1974	May 1975	June 1975 ^P	
10.1	10.0	10.0	50.8	50.2	50.4	8.3	8.3	8.3	37.0	38.6	37.7	24.1	25.0	24.8	1
4.4	4.3	4.3	9.6	9.6	9.6	1.5	1.5	1.5	8.4	8.5	8.6	9.0	9.0	9.0	2
3.2	2.9	2.9	18.2	18.1	18.4	3.1	3.1	3.1	15.3	15.4	15.6	16.2	16.6	16.3	3
3.7	3.6	3.8	29.0	28.2	28.3	7.1	7.1	7.2	21.2	21.2	21.4	51.2	55.1	51.2	4
2.9	2.8	2.8	10.9	10.4	10.6	1.6	1.5	1.6	8.0	8.0	8.0	8.2	9.0	8.8	5
3.9	3.8	3.9	15.9	14.5	14.7	3.2	3.1	3.2	12.1	11.4	11.6	9.7	11.2	10.7	6
94.1	90.9	91.0	368.2	362.5	367.0	73.5	72.5	72.8	269.7	274.0	275.7	271.2	279.8	280.8	7
7.6	7.4	7.5	14.8	14.4	14.3	2.0	1.9	2.0	12.2	11.0	11.8	11.5	11.6	11.5	8
60.9	59.3	59.4	223.1	218.8	220.3	55.3	55.5	55.9	169.4	176.3	174.1	135.7	139.8	139.7	9
36.3	35.4	35.5	134.1	134.0	134.3	27.4	27.8	27.9	86.1	87.8	87.2	137.4	147.7	139.0	10
7.8	7.7	7.7	27.5	27.4	27.5	9.1	9.4	9.4	20.0	21.8	20.1	24.6	25.0	24.9	11
127.5	122.1	122.1	413.0	403.6	404.1	98.5	97.6	98.9	302.7	306.8	307.1	308.9	326.2	316.2	12
52.3	48.7	48.6	137.9	134.1	134.6	36.6	36.5	36.9	100.4	102.2	102.9	79.5	84.2	83.5	13
2.2	2.2	2.2	8.5	8.1	8.3	1.6	1.7	1.7	5.7	5.6	5.6	5.0	5.4	5.1	14
65.3	63.7	64.1	199.4	196.8	197.6	49.2	49.2	49.9	168.5	172.1	171.7	129.6	131.5	129.6	15
5.5	5.1	5.1	18.7	18.3	18.5	2.8	2.8	2.8	12.3	13.0	13.0	9.7	10.2	10.2	16
20.2	18.8	19.4	61.6	61.5	62.7	10.6	10.6	10.6	45.6	45.1	47.3	60.7	63.3	64.7	17
3.7	3.5	3.6	11.9	12.4	12.5	1.9	1.9	1.9	8.0	8.2	8.2	7.1	7.1	7.2	18
2.5	2.6	2.6	8.0	8.5	8.5	1.8	2.0	2.0	5.4	6.0	6.0	6.1	6.1	6.1	19
41.5	39.5	39.7	141.7	143.0	143.1	34.0	34.7	35.1	99.6	101.1	100.6	115.0	123.0	122.5	20
5.8	5.5	5.6	18.2	18.5	18.2	6.0	5.9	6.0	14.1	15.0	14.5	22.5	25.7	24.7	21
22.8	21.5	21.5	60.2	60.7	60.6	19.5	20.0	20.2	48.3	49.5	50.0	38.4	41.3	40.9	22
17.0	16.9	16.9	51.5	52.6	53.8	10.9	10.9	11.1	108.0	111.7	114.2	42.7	46.3	44.5	23
8.9	8.8	8.9	27.5	28.0	28.4	5.7	5.8	5.9	67.3	71.1	71.9	18.8	19.7	19.5	24
5.7	5.7	5.7	16.5	17.0	17.4	3.9	3.8	3.9	25.2	25.4	26.2	11.3	13.8	12.1	25
12.8	12.3	12.5	65.4	63.1	65.7	14.6	15.1	15.3	59.2	55.9	61.1	45.5	47.0	47.0	26
3.7	3.6	3.7	11.8	11.8	11.9	3.7	3.7	3.8	9.6	9.9	9.8	5.0	5.0	5.0	27
187.6	170.8	172.8	622.5	587.2	600.3	138.5	138.1	138.4	488.5	477.7	487.4	443.9	460.0	466.0	28
3.8	3.6	3.6	20.2	18.8	21.0	3.8	4.0	4.2	16.7	15.3	17.3	12.3	12.8	12.7	29
16.5	16.0	16.3	74.4	73.8	73.6	14.2	14.2	14.5	52.2	53.2	52.9	52.4	55.0	55.4	30
18.7	18.2	18.2	100.1	95.3	95.7	14.9	15.1	15.5	62.8	61.5	62.5	38.4	39.1	40.7	31
33.8	30.9	31.4	43.6	42.5	42.4	8.6	8.6	8.8	29.4	27.6	27.1	36.6	37.7	37.5	32
6.0	5.7	6.0	35.9	34.7	36.8	5.4	5.6	5.7	33.0	31.7	34.3	30.7	32.1	32.1	33
65.2	64.7	65.0	171.0	162.8	164.1	60.6	61.1	59.7	160.9	158.9	159.4	130.9	132.4	132.7	34
18.3	16.9	17.1	53.8	54.0	54.2	7.2	7.3	7.4	29.7	31.9	32.3	41.1	43.1	43.5	35
7.5	5.9	6.0	43.3	42.3	43.0	8.6	8.3	8.3	28.3	26.1	26.1	21.2	22.5	22.6	36
5.5	5.1	5.2	22.7	22.8	22.4	6.0	6.2	6.2	35.6	35.4	35.4	37.6	37.9	38.2	37
3.5	3.1	3.2	8.8	8.2	8.3	2.5	2.5	2.5	7.2	7.2	7.3	8.9	9.5	9.7	38
22.7	22.8	22.0	81.0	82.2	84.2	16.6	16.4	16.8	67.9	67.8	70.9	161.3	166.1	164.8	39
8.4	8.4	8.2	35.2	35.7	36.2	8.6	8.4	8.5	32.3	32.8	33.0	33.9	34.9	34.9	40
464.8	446.8	448.3	1,463.6	1,420.8	1,433.7	592.2	584.3	588.4	1,407.4	1,463.2	1,461.3	1,306.4	1,318.6	1,313.1	41
16.2	15.3	(*)	62.8	62.0	(*)	13.9	13.1	(*)	57.2	58.4	(*)	82.6	89.2	(*)	42
4.6	4.2	(*)	19.7	18.9	(*)	3.5	3.5	(*)	13.4	13.3	(*)	21.4	22.0	(*)	43
29.4	27.0	(*)	108.5	105.1	(*)	20.4	19.4	(*)	85.3	86.4	(*)	84.0	86.7	(*)	44
1.6	1.5	(*)	8.4	8.1	(*)	1.1	1.0	(*)	6.3	6.3	(*)	6.3	6.7	(*)	45
11.3	9.5	(*)	57.6	57.5	(*)	13.4	13.9	(*)	59.1	61.9	(*)	37.8	39.1	(*)	46
35.6	34.9	(*)	216.4	217.1	(*)	43.9	43.2	(*)	164.1	163.9	(*)	163.6	165.2	(*)	47
488.5	473.4	(*)	1,387.1	1,345.3	(*)	593.7	589.2	(*)	1,358.1	1,346.6	(*)	1,086.1	1,092.6	(*)	48
345.1	337.2	(*)	975.3	948.4	(*)	493.8	488.4	(*)	1,047.0	1,041.0	(*)	818.0	817.0	(*)	49
309.5	302.3	(*)	758.9	731.3	(*)	449.9	445.2	(*)	883.1	877.1	(*)	654.3	651.8	(*)	50
286.8	279.6	(*)	671.8	647.5	(*)	430.5	425.7	(*)	792.7	788.5	(*)	582.3	579.3	(*)	51
2.8	2.7	(*)	14.1	13.8	(*)	2.7	2.7	(*)	14.1	15.3	(*)	20.0	21.3	(*)	52
14.1	12.2	(*)	72.9	72.8	(*)	15.1	15.4	(*)	68.9	72.1	(*)	56.6	58.8	(*)	53
3.9	3.9	(*)	14.9	14.5	(*)	2.6	2.6	(*)	15.5	15.9	(*)	19.0	18.6	(*)	54
14.9	13.8	(*)	51.6	51.1	(*)	14.5	14.4	(*)	42.4	45.2	(*)	45.2	45.6	(*)	55
4.5	4.2	(*)	20.2	19.6	(*)	5.2	5.0	(*)	17.3	17.5	(*)	27.6	28.3	(*)	56
18.2	18.3	(*)	69.7	66.7	(*)	16.4	16.5	(*)	73.0	70.9	(*)	50.4	50.9	(*)	57
104.9	99.1	99.3	375.4	370.3	371.1	88.1	86.1	87.3	261.1	264.2	263.0	301.4	318.7	321.2	58
3.4	3.3	3.2	12.6	12.5	12.8	2.5	2.5	2.7	10.9	10.5	11.2	8.4	9.3	9.4	59
25.6	23.2	23.3	65.6	64.5	64.4	18.3	17.7	18.1	36.8	37.3	37.2	30.3	32.4	33.9	60

ESTABLISHMENT DATA
STATE AND AREA EMPLOYMENT

76

B-8. Employees on nonagricultural payrolls for States and selected areas, by industry division—Continued

(In thousands)

	State and area	Total			Mining			Contract construction			Manufacturing		
		June 1974	May 1975	June 1975P	June 1974	May 1975	June 1975P	June 1974	May 1975	June 1975P	June 1974	May 1975	June 1975P
1	NORTH CAROLINA—Continued												
2	Greensboro—Winston-Salem—High Point	342.4	325.5	325.8	(1)	(1)	(1)	18.6	15.4	15.6	145.2	131.4	131.4
	Raleigh—Durham	213.4	211.6	211.8	(1)	(1)	(1)	14.0	12.6	12.7	37.4	34.6	34.6
3	NORTH DAKOTA	194.9	197.4	199.7	1.8	1.7	1.8	14.5	11.5	13.3	14.4	15.3	15.7
4	Fargo—Moorhead	49.5	50.6	50.5	.1	.1	.2	3.4	2.6	3.2	3.9	3.9	3.9
5	OHIO	4,243.0	4,098.4	4,131.0	24.8	26.8	27.2	174.7	165.2	171.5	1,430.8	1,258.2	1,259.7
6	Akron	264.8	254.5	256.6	.3	.3	.3	8.7	8.1	8.5	95.4	84.4	83.8
7	Canton	157.5	151.1	152.4	.6	.6	.7	6.1	5.8	6.0	64.4	56.8	56.8
8	Cincinnati	548.4	545.0	552.8	.5	.5	.5	23.1	24.3	25.0	167.5	153.6	157.0
9	Cleveland	892.5	865.5	871.3	1.4	1.4	1.4	32.7	31.3	32.5	290.0	255.8	255.7
10	Columbus	466.1	456.8	459.0	1.0	.9	1.0	22.2	19.2	20.3	104.2	91.7	90.7
11	Dayton	338.7	325.9	328.7	.5	.5	.5	13.6	12.1	12.5	113.3	100.2	100.5
12	Toledo	289.8	283.3	285.0	.6	.7	.7	14.1	13.8	14.2	90.3	81.0	81.8
13	Youngstown—Warren	216.8	208.5	208.0	.3	.3	.3	8.1	6.7	7.0	92.5	82.9	80.6
14	OKLAHOMA	885.5	886.1	885.0	39.0	39.9	40.4	47.1	42.9	43.1	158.8	147.1	147.7
15	Oklahoma City	311.9	311.5	309.9	7.9	8.6	8.6	18.1	16.7	16.7	43.2	39.3	39.0
16	Tulsa	221.5	222.3	221.9	13.6	13.6	13.5	13.8	13.4	13.2	51.5	50.0	50.5
17	OREGON	859.5	828.3	847.3	2.0	1.6	1.7	41.7	31.8	34.6	203.5	179.6	185.6
18	Eugene—Springfield	85.8	83.3	(*)	(1)	(1)	(*)	4.2	3.3	(*)	21.3	18.2	(*)
19	Jackson County	-	-	-	-	-	-	-	-	-	7.7	6.5	6.8
20	Portland	451.8	434.7	443.1	(1)	(1)	(1)	21.8	16.3	17.4	99.7	89.5	91.7
21	Salem	67.7	66.8	68.1	(1)	(1)	(1)	3.9	3.3	3.4	11.7	10.1	10.9
22	PENNSYLVANIA	4,595.9	4,378.9	4,403.8	42.7	45.6	46.3	221.8	175.6	187.7	1,494.4	1,339.4	1,349.3
23	Allentown—Bethlehem—Easton	257.7	245.4	248.9	.7	.7	.7	12.5	10.8	11.5	116.7	107.8	109.8
24	Altoona	52.4	50.3	50.6	(1)	(1)	(1)	2.5	1.9	2.0	15.2	13.4	13.6
25	Delaware Valley ¹¹	1,563.3	1,504.5	1,509.5	1.2	1.2	1.2	71.1	58.3	62.0	439.5	401.8	402.2
26	Erie	114.0	108.5	109.3	(1)	(1)	(1)	4.4	3.8	4.4	49.7	44.4	45.3
27	Harrisburg	208.4	200.9	202.5	(1)	(1)	(1)	11.9	9.7	10.0	42.6	37.4	37.7
28	Johnstown	85.6	85.1	86.2	7.3	7.9	8.1	2.9	2.4	2.6	25.2	23.1	23.2
29	Lancaster	138.6	132.7	133.4	(1)	(1)	(1)	8.4	6.7	7.0	58.0	52.8	53.5
30	Northeast Pennsylvania	244.6	230.6	232.4	1.3	1.4	1.4	13.5	10.3	10.3	85.5	76.3	77.6
31	Philadelphia SMSA	1,864.6	1,790.6	1,797.4	1.4	1.4	1.4	90.5	71.1	76.0	511.3	462.7	463.2
32	Philadelphia City ¹²	846.1	819.0	820.1	-	-	-	23.6	20.5	21.9	194.0	176.9	177.0
33	Pittsburgh	911.4	888.2	894.5	10.9	13.1	13.3	44.1	36.5	39.0	270.4	250.5	250.2
34	Reading	134.5	126.3	126.7	(1)	(1)	(1)	5.6	4.3	4.6	54.4	47.5	47.7
35	Scranton ¹³	87.5	83.2	83.9	.3	.3	.3	3.3	2.9	2.9	30.6	27.5	28.1
36	Wilkes-Barre—Hazleton ¹⁴	131.2	124.0	124.8	1.0	1.0	1.1	8.3	6.6	6.1	49.5	43.9	44.7
37	Williamsport	48.0	45.9	46.2	(1)	(1)	(1)	2.3	1.6	1.7	20.0	18.1	18.3
38	York	143.5	130.3	131.9	(1)	(1)	(1)	7.9	6.2	6.5	62.0	53.9	54.7
39	RHODE ISLAND	375.5	350.5	356.0	(1)	(1)	(1)	14.7	10.6	11.8	128.9	113.0	115.7
40	Providence—Warwick—Pawtucket	393.4	366.1	371.7	(1)	(1)	(1)	15.9	11.5	12.7	146.6	127.7	130.5
41	SOUTH CAROLINA	1,032.7	983.7	984.5	2.0	2.0	1.9	81.5	71.6	72.6	382.7	335.4	338.8
42	Charleston	116.5	115.6	115.4	(1)	(1)	(1)	8.7	9.4	9.5	15.9	14.8	15.2
43	Columbia	144.3	143.8	140.5	(1)	(1)	(1)	10.8	8.4	8.5	24.9	22.4	21.9
44	Greenville—Spartanburg	238.6	226.8	227.3	(1)	(1)	(1)	19.3	18.7	19.1	104.4	92.2	92.9
45	SOUTH DAKOTA	212.7	212.1	213.6	2.7	2.5	2.6	12.6	9.7	10.4	21.1	19.7	20.0
46	Rapid City	24.0	23.9	23.8	.2	.1	.2	1.9	1.8	1.9	2.2	2.1	2.1
47	Sioux Falls	43.3	43.2	43.9	(1)	(1)	(1)	2.5	2.2	2.3	7.3	6.4	6.5
48	TENNESSEE	1,590.6	1,526.9	1,540.3	8.3	9.0	9.0	89.0	84.8	86.4	529.1	465.9	472.2
49	Chattanooga	161.0	153.1	153.1	.8	.7	.7	7.6	6.5	6.5	62.3	56.0	56.1
50	Knoxville	177.6	172.2	174.9	1.8	1.8	1.8	11.3	9.7	10.0	51.5	48.0	48.7
51	Memphis	336.4	317.3	317.2	.3	.2	.2	15.3	16.1	15.8	65.7	56.2	55.6
52	Nashville—Davidson	309.3	302.7	302.9	(1)	(1)	(1)	21.9	20.1	20.0	81.9	77.6	77.5
53	TEXAS	4,387.5	4,395.5	4,411.8	123.0	128.2	130.8	308.2	278.6	281.7	845.9	794.3	799.6
54	Amarillo	58.8	62.1	62.1	(1)	(1)	(1)	4.0	4.4	4.5	6.5	7.0	7.2
55	Austin	161.8	167.1	167.5	(1)	(1)	(1)	11.5	10.7	11.3	14.9	14.4	14.4
56	Beaumont—Port Arthur—Orange	127.9	123.6	124.2	(1)	(1)	(1)	10.8	7.1	7.4	41.8	41.1	41.5
57	Corpus Christi	99.1	97.3	96.9	3.5	3.6	3.6	9.3	7.9	8.0	12.0	11.4	11.5
58	Dallas—Fort Worth ¹⁵	1,096.3	1,073.2	1,073.2	11.1	12.1	12.2	59.5	43.9	43.8	253.5	234.8	236.4
59	El Paso	127.3	128.7	124.6	(1)	(1)	(1)	8.9	7.7	7.4	29.6	27.6	28.3

See footnotes at end of table.

ESTABLISHMENT DATA STATE AND AREA EMPLOYMENT

B-8. Employees on nonagricultural payrolls 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			
June 1974	May 1975	June 1975 ^P	June 1974	May 1975	June 1975 ^P	June 1974	May 1975	June 1975 ^P	June 1974	May 1975	June 1975 ^P	June 1974	May 1975	June 1975 ^P	
20.4	18.8	18.8	61.7	59.5	59.3	15.5	15.4	15.5	43.4	43.8	43.8	37.6	41.2	41.4	1
10.6	10.4	10.4	40.5	40.7	40.8	14.4	14.1	14.1	40.3	40.3	39.5	56.2	58.9	59.7	2
13.1	13.0	13.2	54.2	54.4	55.2	8.3	8.7	8.9	37.5	39.2	39.4	51.2	53.6	52.2	3
3.5	3.4	3.5	15.4	15.7	15.8	2.8	2.8	2.9	10.2	11.1	10.7	10.2	11.0	10.4	4
232.7	226.3	227.7	884.2	893.1	900.2	179.6	179.6	182.3	691.3	707.2	719.7	624.8	641.9	642.7	5
16.0	15.1	15.2	53.8	53.9	54.2	8.5	8.5	8.6	42.2	42.5	43.7	39.9	41.8	42.4	6
7.9	7.8	7.9	31.6	31.9	32.2	5.7	5.9	6.0	24.7	25.4	26.0	16.4	17.0	17.0	7
33.7	33.6	33.7	119.9	121.2	121.7	28.4	28.5	28.9	100.2	104.3	107.5	75.0	79.2	78.5	8
50.4	49.1	49.4	200.5	202.9	204.4	44.5	43.8	44.4	158.0	163.2	164.2	115.1	118.1	119.4	9
23.4	22.9	23.2	104.5	106.1	106.9	32.0	31.4	31.8	84.0	88.3	89.4	94.8	96.3	95.9	10
12.6	12.5	12.6	66.6	67.1	67.0	11.5	11.7	11.9	56.3	56.9	58.2	64.4	64.9	65.4	11
19.7	19.6	19.7	64.4	64.5	64.8	9.5	9.4	9.4	48.9	50.4	50.8	42.4	43.8	43.5	12
11.2	11.5	11.5	42.9	42.9	43.4	6.5	6.6	6.8	32.2	33.1	33.7	23.0	24.4	24.5	13
57.4	55.0	55.4	204.3	208.0	209.1	45.8	46.5	47.5	137.4	141.2	142.6	195.7	205.5	199.2	14
20.1	19.6	19.7	76.2	76.7	76.9	20.8	20.6	20.7	48.0	49.2	49.5	77.6	80.8	78.8	15
18.2	17.7	17.8	51.3	52.1	52.4	12.0	12.7	13.0	39.4	38.7	38.8	21.7	24.1	22.7	16
53.5	49.7	50.1	196.9	195.0	198.8	45.1	45.6	46.8	144.4	146.3	150.1	172.4	178.7	179.6	17
4.8	4.7	(*)	19.1	19.5	(*)	3.7	3.6	(*)	14.0	14.5	(*)	18.7	19.5	(*)	18
32.3	30.5	30.7	110.5	109.6	111.2	30.5	30.5	31.1	85.4	84.4	86.0	71.6	73.9	75.0	19
2.4	2.3	2.3	13.8	13.4	13.6	3.6	3.6	3.7	10.4	10.8	10.8	21.9	23.3	23.4	20
266.3	253.4	252.2	904.8	874.1	877.4	212.4	210.0	211.3	775.9	773.9	780.3	677.6	706.9	699.3	21
12.5	12.8	12.9	44.2	41.5	41.4	7.9	7.9	8.0	35.9	35.5	35.9	27.3	28.4	28.7	22
7.7	7.5	7.4	10.4	10.4	10.4	1.5	1.5	1.5	8.0	8.0	8.1	7.1	7.6	7.6	23
86.8	81.9	81.3	320.2	313.5	313.9	97.9	95.8	95.8	311.4	309.3	310.0	235.2	242.7	243.1	24
5.7	5.5	5.6	20.9	19.9	19.7	4.3	4.4	4.4	16.5	16.9	17.2	12.5	13.6	12.7	25
14.6	14.2	14.2	41.0	40.4	40.3	10.2	10.6	10.7	34.1	32.8	33.3	54.0	55.8	56.3	26
5.5	5.6	5.5	15.4	15.9	16.0	2.6	2.7	2.7	13.5	13.8	14.0	13.2	13.7	14.1	27
5.6	5.9	5.9	27.6	27.1	27.2	4.2	4.6	4.6	22.8	22.9	23.4	12.0	12.7	11.8	28
12.9	12.2	12.3	46.9	45.0	45.6	8.9	9.0	9.1	40.8	40.4	40.6	34.8	36.0	35.5	29
103.3	97.9	97.6	394.6	387.2	387.5	112.1	110.0	110.3	363.7	362.5	362.9	287.7	297.8	298.5	30
59.5	57.6	57.0	164.4	158.6	158.9	68.1	67.1	66.8	182.4	182.4	181.6	154.1	155.9	156.9	31
58.3	56.3	55.6	189.2	184.9	187.4	42.2	42.6	43.1	173.4	179.9	181.3	122.9	124.4	124.6	32
7.0	6.5	6.6	24.0	23.7	23.7	5.2	4.8	4.9	21.5	21.1	21.5	16.8	18.4	17.7	33
5.1	5.1	5.2	18.1	16.8	17.0	3.2	3.2	3.2	16.7	17.0	16.9	10.2	10.4	10.3	34
6.6	6.3	6.3	24.1	24.1	24.4	4.8	4.8	4.8	17.8	17.8	17.9	19.0	19.5	19.5	35
2.0	2.0	2.0	8.7	8.4	8.3	2.1	2.2	2.2	7.7	8.1	8.2	5.2	5.5	5.5	36
6.7	5.8	5.9	27.9	26.1	26.3	3.2	3.1	3.2	19.2	18.6	18.8	16.6	16.6	16.5	37
15.2	13.1	13.4	76.1	73.0	74.1	18.2	18.1	18.1	68.6	66.8	67.2	53.8	55.9	55.7	38
15.0	12.8	13.0	79.5	76.8	77.9	18.4	18.4	18.4	67.5	66.2	66.7	50.5	52.7	52.5	39
43.7	41.1	41.7	179.7	174.9	177.3	40.2	40.7	41.5	128.0	129.7	132.7	174.9	188.3	178.0	40
7.5	7.3	7.4	24.5	24.6	24.6	4.9	5.0	5.0	16.4	16.3	16.6	38.6	38.2	37.1	41
8.4	8.2	8.3	29.6	29.5	29.4	10.3	10.3	10.4	20.3	20.8	20.4	40.0	44.2	41.6	42
10.8	10.1	10.3	40.5	39.5	39.6	8.8	8.7	8.7	32.0	32.8	32.6	22.8	24.8	24.1	43
12.4	13.0	12.9	55.8	55.1	55.4	8.8	8.9	9.1	44.5	45.5	45.5	54.8	57.7	57.7	44
1.6	1.8	1.7	7.1	6.8	7.3	1.0	1.1	1.2	4.8	4.6	4.7	5.2	5.6	4.7	45
4.1	4.3	4.4	12.5	12.3	12.3	2.1	2.2	2.2	8.7	9.3	9.3	6.1	6.5	6.9	46
75.5	69.6	71.1	322.0	314.8	319.1	72.3	68.8	69.4	238.7	243.2	241.2	255.7	270.8	271.9	47
6.1	5.9	6.0	30.0	28.6	28.9	9.0	9.1	9.1	20.4	19.9	20.1	24.8	26.4	25.7	48
7.4	6.9	6.8	37.1	36.9	37.2	6.7	6.7	6.8	24.4	24.7	24.5	37.4	37.5	39.1	49
22.2	20.4	20.7	87.9	83.1	83.2	20.0	19.4	19.2	59.9	58.8	58.7	65.1	63.1	63.8	50
16.5	16.3	16.4	68.6	66.7	67.0	19.1	18.7	18.8	54.8	56.0	55.9	46.5	47.3	47.3	51
297.3	288.5	290.6	1,059.2	1,068.8	1,077.4	250.5	255.2	258.2	744.1	764.3	779.8	759.3	817.6	793.7	52
5.6	5.7	5.8	19.1	19.8	19.9	3.1	3.1	3.1	11.6	11.5	11.5	8.9	10.6	10.1	53
5.6	5.7	5.6	32.4	32.7	32.9	9.5	9.1	9.2	25.2	26.2	26.1	62.7	68.3	68.0	54
9.8	9.2	9.3	25.6	25.9	25.9	4.4	4.4	4.5	19.0	18.5	18.9	16.5	17.4	16.7	55
5.9	5.8	5.7	25.2	24.9	25.0	4.8	4.7	4.8	16.1	16.4	16.4	22.3	22.6	21.9	56
76.2	74.6	75.5	284.5	286.2	288.7	84.1	85.8	86.6	190.6	189.1	189.9	136.8	145.6	140.1	57
10.0	9.5	9.7	31.1	32.0	32.2	6.1	6.0	6.0	18.6	19.4	19.3	23.0	26.5	21.7	58

ESTABLISHMENT DATA
STATE AND AREA EMPLOYMENT

78

B-8. Employees on nonagricultural payrolls for States and selected areas, by industry division—Continued

(In thousands)

	State and area	Total			Mining			Contract construction			Manufacturing		
		June 1974	May 1975	June 1975 ^P	June 1974	May 1975	June 1975 ^P	June 1974	May 1975	June 1975 ^P	June 1974	May 1975	June 1975 ^P
1	TEXAS—Continued												
2	Galveston—Texas City	58.9	61.3	61.9	(¹)	(¹)	(¹)	3.4	4.1	4.3	11.7	11.6	11.9
3	Houston	961.8	989.9	996.2	40.0	43.2	43.8	90.0	90.2	91.0	174.2	173.1	173.8
4	Lubbock	72.3	70.9	68.4	(¹)	(¹)	(¹)	4.3	4.5	4.5	11.9	9.6	9.4
5	San Antonio	314.5	305.0	305.7	1.8	1.9	1.9	24.0	20.2	20.9	40.9	36.7	37.0
6	Waco	56.6	55.2	54.9	(¹)	(¹)	(¹)	3.4	3.1	3.2	13.8	12.0	12.0
7	Wichita Falls	43.4	44.5	44.5	2.0	2.0	2.1	2.7	2.4	2.6	6.8	6.7	6.7
8	UTAH	439.9	445.4	445.4	13.2	12.9	12.8	26.3	24.4	25.8	69.9	67.9	68.3
9	Salt Lake City—Ogden	318.6	323.2	322.9	6.6	5.9	6.0	18.8	17.4	18.3	47.1	47.0	47.0
10	VERMONT	161.7	154.4	157.4	.8	.7	.8	8.7	7.5	8.1	43.5	38.8	39.1
11	Burlington ¹⁶	39.9	39.6	39.8	-	-	-	-	-	-	9.3	9.0	8.9
12	Springfield ¹⁶	13.7	12.5	12.8	-	-	-	-	-	-	6.5	5.8	5.8
13	VIRGINIA¹⁷	1,811.6	1,757.2	1,772.5	17.7	17.9	18.3	138.1	116.7	117.7	404.0	362.3	365.1
14	Lynchburg	61.1	59.0	59.4	(¹)	(¹)	(¹)	3.8	3.0	3.2	27.0	24.7	25.1
15	Newport News—Hampton	130.4	124.9	126.9	(¹)	(¹)	(¹)	8.3	6.4	6.5	32.9	30.3	30.5
16	Norfolk—Virginia Beach—Portsmouth	251.2	242.7	244.3	(¹)	(¹)	(¹)	22.1	17.5	17.2	30.2	26.1	26.2
17	Northern Virginia ¹⁸	349.8	344.0	347.8	.4	.4	.4	29.6	25.1	26.1	11.7	11.4	11.4
18	Richmond	277.7	267.4	271.4	.4	.4	.4	19.6	17.1	17.1	53.4	48.0	48.2
19	Roanoke	97.2	93.6	94.0	.2	.2	.2	7.0	6.0	6.1	22.3	20.9	20.9
20	WASHINGTON	1,224.0	1,217.9	1,230.1	2.2	2.4	2.5	58.1	53.0	55.7	256.2	243.6	245.7
21	Seattle—Everett	565.9	573.6	577.7	(¹)	(¹)	(¹)	22.5	24.4	24.8	129.8	125.7	125.3
22	Spokane	109.2	100.6	101.2	(¹)	(¹)	(¹)	5.8	4.4	4.9	14.6	13.3	13.6
23	Tacoma	115.6	116.0	115.4	(¹)	(¹)	(¹)	6.1	6.2	5.7	21.0	19.2	19.2
24	WEST VIRGINIA	585.3	571.7	572.6	56.1	57.7	58.1	34.2	31.3	31.4	132.4	120.3	120.2
25	Charleston	99.4	97.6	98.1	4.7	4.9	4.9	6.7	6.2	6.2	18.6	17.3	17.7
26	Huntington—Ashland	91.8	91.4	90.7	.6	.6	.6	4.1	4.4	4.3	29.2	27.9	27.9
27	Wheeling	61.4	59.5	60.0	5.7	5.7	5.7	2.1	1.8	1.7	14.9	13.8	14.2
28	WISCONSIN	1,733.7	1,689.7	1,711.2	3.2	2.8	2.9	72.3	60.9	64.4	555.6	495.8	502.1
29	Appleton—Oshkosh	109.8	106.1	107.1	(¹)	(¹)	(¹)	4.9	4.3	4.9	44.4	39.1	40.0
30	Green Bay	65.2	65.8	66.8	(¹)	(¹)	(¹)	3.5	2.6	2.9	19.4	19.0	19.4
31	Kenosha	43.8	43.2	43.3	(¹)	(¹)	(¹)	1.3	1.4	1.4	20.7	19.2	19.1
32	La Crosse	34.7	33.9	33.8	(¹)	(¹)	(¹)	1.3	.9	1.0	9.9	8.7	8.7
33	Madison	134.5	139.6	137.2	(¹)	(¹)	(¹)	7.1	5.6	5.7	17.2	15.5	16.0
34	Milwaukee	625.0	606.8	612.9	(¹)	(¹)	(¹)	23.3	20.0	20.8	215.8	194.1	195.5
35	Racine	64.8	62.3	62.8	(¹)	(¹)	(¹)	1.9	1.6	1.7	30.0	26.9	26.8
36	WYOMING	142.3	138.7	(*)	16.0	16.9	(*)	16.9	15.4	(*)	8.4	7.7	(*)
37	Casper	23.8	24.0	(*)	4.2	4.3	(*)	2.2	1.9	(*)	1.6	1.7	(*)
38	Cheyenne	24.7	23.7	(*)	(¹)	(¹)	(*)	2.7	2.0	(*)	1.7	2.1	(*)

¹ Combined with services.

² Combined with construction.

³ Federal employment in the Maryland and Virginia sectors of the Washington Standard Metropolitan Statistical Area is included in data for the District of Columbia.

⁴ Area included in Chicago—Northwestern Indiana Standard Consolidated area.

⁵ Data do not include Federal employment in the Maryland sector of the Washington, D.C. Standard Metropolitan Statistical Area.

⁶ Subarea of Philadelphia, Pennsylvania Standard Metropolitan Statistical Area: Burlington, Camden, and Gloucester Counties, New Jersey.

⁷ Area included in New York—Northeastern New Jersey Standard Consolidated Area.

⁸ Subarea of Rochester Standard Metropolitan Statistical Area.

⁹ Area included in New York and Nassau—Suffolk combined SMSA's.

¹⁰ Subarea of New York Standard Metropolitan Statistical Area.

¹¹ Subarea of Philadelphia, Pennsylvania Standard Metropolitan Statistical Area: Bucks, Chester, Delaware, Montgomery, and Philadelphia Counties, Pennsylvania.

¹² Subarea of Philadelphia, Pennsylvania Standard Metropolitan Statistical Area: Philadelphia County.

¹³ Subarea of Northeast Pennsylvania Standard Metropolitan Statistical Area: Lackawanna County.

¹⁴ Subarea of Northeast Pennsylvania Standard Metropolitan Statistical Area: Luzerne County.

¹⁵ New Standard Metropolitan Statistical Area consolidating the Dallas and Fort Worth areas. See opposite page for geographic coverage.

¹⁶ Total includes data for industry divisions not shown separately. Services excludes agriculture, forestry, and fisheries.

¹⁷ Federal employment in the Virginia sector of the Washington Standard Metropolitan Statistical Area is included in Virginia.

¹⁸ Subarea of Washington, D.C. Standard Metropolitan Statistical Area: Alexandria, Fairfax, and Falls Church cities and Arlington, Fairfax, Loudoun and Prince William Counties, Virginia.

* Not available.

p=preliminary.

SOURCE: Cooperating State agencies listed on inside back cover.

ESTABLISHMENT DATA STATE AND AREA EMPLOYMENT

B-8. Employees on nonagricultural payrolls 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			
June 1974	May 1975	June 1975 ^P	June 1974	May 1975	June 1975 ^P	June 1974	May 1975	June 1975 ^P	June 1974	May 1975	June 1975 ^P	June 1974	May 1975	June 1975 ^P	
5.6	5.8	5.7	10.4	10.8	11.2	3.8	3.9	4.0	8.6	9.0	9.1	15.4	16.1	15.7	1
82.7	79.7	80.9	225.1	230.8	232.4	58.2	61.0	61.6	187.4	192.1	193.4	104.2	119.8	119.3	2
4.5	4.3	4.3	21.1	20.4	20.6	3.5	3.4	3.5	12.4	12.6	12.4	14.6	16.1	13.7	3
14.1	14.2	14.4	75.8	71.7	72.3	21.0	20.5	20.9	52.2	51.2	50.6	84.7	88.6	87.7	4
2.9	2.8	2.8	12.8	12.5	12.6	3.2	3.3	3.3	10.8	11.6	11.0	9.7	9.9	10.0	5
2.4	2.4	2.4	10.7	11.0	11.1	1.8	1.9	1.9	6.9	7.2	7.3	10.1	10.9	10.4	6
27.0	27.3	27.8	102.9	105.3	105.9	20.4	21.0	21.2	73.0	74.4	75.1	107.2	112.3	108.5	7
21.9	22.4	22.6	76.9	78.7	79.3	17.0	17.2	17.4	50.0	51.4	51.6	80.4	83.1	80.8	8
8.5	8.0	8.1	32.6	31.5	32.2	6.5	6.5	6.7	32.1	32.1	33.1	29.1	29.5	29.5	9
2.1	2.0	2.0	8.4	8.3	8.2	-	-	-	8.1	8.3	8.3	-	-	-	10
.9	.7	.8	1.9	1.8	1.9	-	-	-	2.1	1.9	2.0	-	-	-	11
108.2	103.3	104.6	361.3	361.4	364.0	89.3	85.5	86.5	285.6	290.7	295.0	407.4	419.4	421.3	12
2.5	2.5	2.5	9.8	9.7	9.7	2.9	2.9	3.0	7.8	8.6	8.4	7.3	7.6	7.5	13
4.6	4.7	4.9	23.2	22.4	22.8	4.4	4.1	4.1	20.9	21.3	22.6	36.1	35.7	35.5	14
17.4	16.4	16.7	58.9	57.4	58.1	12.2	12.2	12.2	41.5	42.6	43.2	68.9	70.5	70.7	15
28.3	26.7	27.3	79.6	79.2	79.7	22.9	21.9	22.5	74.4	76.5	77.3	102.9	102.8	103.1	16
18.2	17.3	17.6	62.4	59.4	60.3	22.4	22.4	22.4	44.9	44.9	46.6	56.4	57.9	58.8	17
11.0	10.5	10.6	21.9	21.0	21.2	5.2	5.2	5.2	16.9	16.6	16.5	12.7	13.2	13.3	18
74.5	71.7	72.8	277.3	276.6	279.2	65.8	66.2	67.0	214.6	217.4	220.7	275.3	287.0	286.5	19
40.1	39.6	40.3	128.6	131.8	133.6	39.2	39.3	39.7	99.9	102.6	104.3	105.8	110.2	109.7	20
8.0	7.4	7.5	30.0	27.2	27.6	6.3	6.2	6.2	25.2	22.3	21.6	19.3	19.8	19.8	21
6.0	5.8	6.1	25.6	26.3	27.0	6.0	5.9	5.8	21.0	23.0	22.9	29.9	29.6	28.7	22
41.2	40.1	40.3	110.9	112.8	113.0	18.1	18.4	18.5	79.6	80.2	80.1	113.0	110.9	111.1	23
9.4	9.1	9.1	22.2	22.5	22.6	4.3	4.3	4.3	15.7	15.8	15.8	17.7	17.5	17.5	24
8.6	8.5	8.6	18.7	18.6	18.7	3.4	3.4	3.4	12.5	12.6	12.6	14.6	15.3	14.5	25
3.9	3.7	3.8	13.7	13.7	13.7	2.6	2.6	2.6	11.4	11.5	11.5	7.1	6.8	6.8	26
86.9	82.7	83.0	381.1	389.9	394.6	72.7	73.1	73.9	284.9	296.6	302.4	277.1	288.0	287.8	27
4.3	4.2	4.2	21.1	22.0	21.8	4.2	4.2	4.2	16.5	17.1	17.2	14.4	15.2	14.8	28
5.1	5.3	5.3	15.9	16.1	16.1	2.0	2.1	2.1	10.7	11.5	11.4	8.8	9.3	9.5	29
1.3	1.4	1.4	7.5	7.8	7.8	.8	.9	.9	6.4	6.8	6.7	5.7	5.7	6.0	30
2.2	1.8	1.8	8.7	9.5	9.5	.8	.9	.9	6.8	7.1	7.1	4.9	5.0	4.9	31
5.3	5.3	5.3	28.4	29.6	29.5	8.5	8.8	9.0	22.6	23.8	23.6	45.3	50.9	48.1	32
32.7	30.6	30.6	134.4	136.9	138.1	32.5	32.0	32.2	111.1	116.7	118.3	75.1	76.5	77.3	33
2.1	2.0	2.1	11.7	11.9	12.1	1.7	1.7	1.7	9.3	9.7	9.8	8.1	8.6	8.7	34
12.0	12.2	(*)	29.5	27.9	(*)	4.3	4.8	(*)	22.7	20.6	(*)	32.5	33.2	(*)	35
1.8	1.9	(*)	5.5	5.6	(*)	.9	.9	(*)	3.6	3.7	(*)	4.0	4.0	(*)	36
3.5	3.0	(*)	4.9	4.5	(*)	1.2	1.4	(*)	3.9	4.0	(*)	6.8	6.7	(*)	37

New Area

Dallas-Fort Worth Collin, Dallas, Denton, Ellis, Hood, Johnson,
Kaufman, Parker, Rockwall, Tarrant, and
Wise Counties.

ESTABLISHMENT DATA HISTORICAL HOURS AND EARNINGS

C-1. Gross hours and earnings of production or nonsupervisory workers¹ on private nonagricultural payrolls, by industry division, 1955 to date

Year and month	Average												
	Weekly earnings	Weekly hours	Hourly earnings	Weekly earnings	Weekly hours	Hourly earnings	Weekly earnings	Weekly hours	Hourly earnings	Weekly earnings	Weekly hours	Hourly earnings	Hourly earnings excl. overtime
	Total private ²			Mining			Contract construction			Manufacturing			
1955.....	\$67.72	39.6	\$1.71	\$89.54	40.7	\$2.20	\$90.90	37.1	\$2.45	\$75.70	40.7	\$1.86	\$1.79
1956.....	70.74	39.3	1.80	95.06	40.8	2.33	96.38	37.5	2.57	78.78	40.4	1.95	³ 1.89
1957.....	73.33	38.8	1.89	98.65	40.1	2.46	100.27	37.0	2.71	81.59	39.8	2.05	1.99
1958.....	75.08	38.5	1.95	96.08	38.9	2.47	103.78	36.8	2.82	82.71	39.2	2.11	2.05
1959 ²	78.78	39.0	2.02	103.68	40.5	2.56	108.41	37.0	2.93	88.26	40.3	2.19	2.12
1960.....	80.67	38.6	2.09	105.44	40.4	2.61	113.04	36.7	3.08	89.72	39.7	2.26	2.20
1961.....	82.60	38.6	2.14	106.92	40.5	2.64	118.08	36.9	3.20	92.34	39.8	2.32	2.25
1962.....	85.91	38.7	2.22	110.43	40.9	2.70	122.47	37.0	3.31	96.56	40.4	2.39	2.31
1963.....	88.46	38.8	2.28	114.40	41.6	2.75	127.19	37.3	3.41	99.63	40.5	2.46	2.37
1964.....	91.33	38.7	2.36	117.74	41.9	2.81	132.06	37.2	3.55	102.97	40.7	2.53	2.44
1965.....	95.06	38.8	2.45	123.52	42.3	2.92	138.38	37.4	3.70	107.53	41.2	2.61	2.51
1966.....	98.82	38.6	2.56	130.24	42.7	3.05	146.26	37.6	3.89	112.34	41.3	2.72	2.59
1967.....	101.84	38.0	2.68	135.89	42.6	3.19	154.95	37.7	4.11	114.90	40.6	2.83	2.72
1968.....	107.73	37.8	2.85	142.71	42.6	3.35	164.49	37.3	4.41	122.51	40.7	3.01	2.88
1969.....	114.61	37.7	3.04	155.23	43.0	3.61	181.54	37.9	4.79	129.51	40.6	3.19	3.06
1970.....	119.46	37.1	3.22	164.40	42.7	3.85	195.45	37.3	5.24	133.73	39.8	3.36	3.24
1971.....	127.28	37.0	3.44	172.14	42.4	4.06	211.67	37.2	5.69	142.44	39.9	3.57	3.44
1972.....	136.16	37.1	3.67	187.43	42.5	4.41	222.51	36.9	6.03	154.69	40.6	3.81	3.66
1973.....	145.43	37.1	3.92	200.60	42.5	4.72	236.06	37.0	6.38	165.65	40.7	4.07	3.89
1974.....	154.45	36.6	4.22	220.48	42.4	5.20	249.44	36.9	6.76	176.00	40.0	4.40	4.23
July.....	156.56	37.1	4.22	225.50	43.2	5.22	253.17	37.9	6.68	176.80	40.0	4.42	4.24
Aug.....	158.05	37.1	4.26	227.14	43.1	5.27	257.94	37.6	6.86	178.04	40.1	4.44	4.26
Sept.....	160.08	36.8	4.35	233.60	43.5	5.37	262.88	37.5	7.01	182.56	40.3	4.53	4.33
Oct.....	159.94	36.6	4.37	235.21	43.8	5.37	264.92	37.9	6.99	182.86	40.1	4.56	4.38
Nov.....	157.83	36.2	4.36	190.53	36.5	5.22	255.50	36.5	7.00	181.83	39.7	4.58	4.42
Dec.....	159.87	36.5	4.38	224.93	41.5	5.42	259.44	36.8	7.05	185.54	39.9	4.65	4.49
1975:													
Jan.....	157.16	35.8	4.39	238.56	42.0	5.68	250.28	35.4	7.07	179.96	38.7	4.65	4.52
Feb.....	157.44	35.7	4.41	240.66	42.0	5.73	246.75	35.3	6.99	179.80	38.5	4.67	4.54
Mar.....	158.15	35.7	4.43	237.06	41.3	5.74	247.76	34.7	7.14	182.28	38.7	4.71	4.58
Apr.....	158.51	35.7	4.44	233.38	40.8	5.72	258.46	36.3	7.12	183.22	38.9	4.71	4.58
May.....	160.47	35.9	4.47	247.08	42.6	5.80	262.73	36.9	7.12	184.47	39.0	4.73	4.60
JuneP.....	163.35	36.3	4.50	248.36	42.6	5.83	260.99	36.4	7.17	187.54	39.4	4.76	4.61
JulyP.....	164.62	36.5	4.51	246.45	42.2	5.84	272.27	37.4	7.28	187.85	39.3	4.78	4.64
	Transportation and public utilities			Wholesale and retail trade			Finance, insurance, and real estate			Services			
1955.....	-	-	-	\$55.16	39.4	\$1.40	\$63.92	37.6	\$1.70	-	-	-	-
1956.....	-	-	-	57.48	39.1	1.47	65.68	36.9	1.78	-	-	-	-
1957.....	-	-	-	59.60	38.7	1.54	67.53	36.7	1.84	-	-	-	-
1958.....	-	-	-	61.76	38.6	1.60	70.12	37.1	1.89	-	-	-	-
1959 ²	-	-	-	64.41	38.8	1.66	72.74	37.3	1.95	-	-	-	-
1960.....	-	-	-	66.01	38.6	1.71	75.14	37.2	2.02	-	-	-	-
1961.....	-	-	-	67.41	38.3	1.76	77.12	36.9	2.09	-	-	-	-
1962.....	-	-	-	69.91	38.2	1.83	80.94	37.3	2.17	-	-	-	-
1963.....	-	-	-	72.01	38.1	1.89	84.38	37.5	2.25	-	-	-	-
1964.....	\$118.37	41.1	\$2.88	74.28	37.9	1.96	85.79	37.3	2.30	\$69.84	36.0	\$1.94	-
1965.....	125.14	41.3	3.03	76.53	37.7	2.03	88.91	37.2	2.39	73.60	35.9	2.05	-
1966.....	128.13	41.2	3.11	79.02	37.1	2.13	92.13	37.3	2.47	77.04	35.5	2.17	-
1967.....	131.22	40.5	3.24	81.76	36.5	2.24	95.46	37.0	2.58	80.38	35.1	2.29	-
1968.....	138.85	40.6	3.42	86.40	36.0	2.40	101.75	37.0	2.75	83.97	34.7	2.42	-
1969.....	148.15	40.7	3.64	90.78	35.6	2.55	108.70	37.1	2.93	90.57	34.7	2.61	-
1970.....	155.93	40.5	3.85	95.66	35.3	2.71	113.34	36.8	3.08	96.66	34.4	2.81	-
1971.....	169.24	40.2	4.21	100.39	35.1	2.86	120.66	36.9	3.27	103.28	34.2	3.02	-
1972.....	187.92	40.5	4.64	105.65	35.1	3.01	126.88	37.1	3.42	110.14	34.1	3.23	-
1973.....	204.72	40.7	5.03	111.04	34.7	3.20	131.73	36.9	3.57	117.64	34.0	3.46	-
1974.....	218.16	40.4	5.40	118.67	34.2	3.47	140.21	36.8	3.81	127.16	34.0	3.74	-
July.....	221.94	41.1	5.40	121.80	35.0	3.48	139.84	36.8	3.80	128.71	34.6	3.72	-
Aug.....	221.14	40.8	5.42	122.15	34.9	3.50	140.96	36.9	3.82	129.06	34.6	3.73	-
Sept.....	225.33	40.6	5.55	121.40	34.1	3.56	143.89	36.8	3.91	130.60	34.1	3.83	-
Oct.....	226.40	40.5	5.59	120.31	33.7	3.57	143.13	36.7	3.90	129.45	33.8	3.83	-
Nov.....	223.60	40.0	5.59	120.65	33.7	3.58	143.86	36.7	3.92	130.47	33.8	3.86	-
Dec.....	225.36	40.1	5.62	122.44	34.2	3.58	146.49	36.9	3.97	132.60	34.0	3.90	-
1975:													
Jan.....	224.47	39.8	5.64	121.55	33.3	3.65	147.26	37.0	3.98	132.55	33.9	3.91	-
Feb.....	224.93	39.6	5.68	122.91	33.4	3.68	149.45	36.9	4.05	134.24	33.9	3.96	-
Mar.....	224.76	39.5	5.69	123.62	33.5	3.69	149.69	36.6	4.09	134.19	33.8	3.97	-
Apr.....	226.34	39.5	5.73	123.58	33.4	3.70	147.70	36.2	4.08	133.45	33.7	3.96	-
May.....	225.79	39.2	5.76	124.99	33.6	3.72	148.83	36.3	4.10	134.13	33.7	3.98	-
JuneP.....	230.26	39.7	5.80	127.57	34.2	3.73	151.48	36.5	4.15	136.40	34.1	4.00	-
JulyP.....	232.25	39.7	5.85	129.40	34.6	3.74	148.32	36.0	4.12	136.57	34.4	3.97	-

¹For coverage of series, see footnote 1, table B-2.

²Data include Alaska and Hawaii beginning 1959.

³Prior to January 1956, data were based on the application of adjustment factors to gross average hourly earnings. (See Explanatory Note.)

p = preliminary.

ESTABLISHMENT DATA HOURS AND EARNINGS

82

C-2. Gross hours and earnings of production or nonsupervisory workers¹ on private nonagricultural payrolls, by industry

SIC Code	Industry	Average weekly earnings					Average hourly earnings				
		June 1974	July 1974	May 1975	June _P 1975 ^P	July _P 1975 ^P	June 1974	July 1974	May 1975	June _P 1975 ^P	July _P 1975 ^P
-	TOTAL PRIVATE	\$155.77	\$156.56	\$160.47	\$163.35	\$164.62	\$4.21	\$4.22	\$4.47	\$4.50	\$4.51
-	MINING	226.37	225.50	247.08	248.36	246.45	5.18	5.22	5.80	5.83	5.84
10	METAL MINING	223.13	227.48	242.61	245.42	-	5.30	5.34	6.02	6.03	-
101	Iron ores	246.40	246.25	265.93	266.84	-	5.50	5.46	6.17	6.22	-
102	Copper ores	216.48	226.08	235.36	242.42	-	5.28	5.37	6.21	6.20	-
11,12	COAL MINING	254.41	248.62	288.26	286.44	-	6.16	(*)	7.10	7.09	-
12	Bituminous coal and lignite mining	256.06	250.85	287.96	287.24	-	6.20	(*)	7.11	7.11	-
13	OIL AND GAS EXTRACTION	217.36	216.67	231.00	234.35	-	4.82	4.88	5.25	5.29	-
131,2	Crude petroleum and natural gas fields	228.33	228.90	235.62	245.62	-	5.31	5.45	5.92	6.02	-
138	Oil and gas field services	211.12	208.85	228.29	227.80	-	4.55	4.56	4.92	4.92	-
14	NONMETALLIC MINERALS, EXCEPT FUELS	207.93	208.84	214.90	216.09	-	4.53	4.54	4.84	4.90	-
142	Crushed and broken stone	217.92	219.86	214.49	214.18	-	4.54	4.59	4.82	4.89	-
-	CONTRACT CONSTRUCTION	250.04	253.17	262.73	260.99	272.27	6.65	6.68	7.12	7.17	7.28
15	GENERAL BUILDING CONTRACTORS	233.51	237.36	250.87	249.51	-	6.38	6.45	6.93	6.95	-
16	HEAVY CONSTRUCTION CONTRACTORS	251.68	254.71	259.89	258.02	-	6.05	6.05	6.53	6.65	-
161	Highway and street construction	252.01	258.43	247.60	250.13	-	5.82	5.86	6.19	6.43	-
162	Heavy construction, nec	251.60	250.85	270.47	264.80	-	6.29	6.24	6.83	6.86	-
17	SPECIAL TRADE CONTRACTORS	259.86	263.84	270.36	270.25	-	7.10	7.15	7.51	7.57	-
171	Plumbing, heating, air conditioning	267.07	272.16	281.96	288.33	-	7.16	7.20	7.60	7.73	-
172	Painting, paper hanging, decorating	229.20	229.80	242.56	238.05	-	6.53	6.51	6.97	6.92	-
173	Electrical work	291.82	295.19	300.07	305.41	-	7.72	7.83	8.11	8.21	-
174	Masonry, stonework, and plastering	244.62	249.21	255.19	251.36	-	7.07	7.10	7.55	7.64	-
176	Roofing and sheetmetal work	219.47	228.68	232.19	221.54	-	6.38	6.46	6.89	6.88	-
-	MANUFACTURING	176.95	176.80	184.47	187.54	187.85	4.38	4.42	4.73	4.76	4.78
19,24,25, 32,39	DURABLE GOODS	191.53	189.07	199.08	202.69	201.96	4.66	4.68	5.04	5.08	5.10
20-23,26-31	NONDURABLE GOODS	156.42	157.99	163.88	167.23	169.22	3.97	4.02	4.29	4.31	4.35
	DURABLE GOODS										
19	ORDNANCE AND ACCESSORIES	196.56	193.64	211.97	215.90	211.75	4.68	4.70	5.17	5.19	5.19
192	Ammunition, except for small arms	196.41	189.81	210.53	214.61	(*)	4.71	4.71	5.25	5.26	(*)
1925	Complete guided missiles	230.15	220.17	239.03	243.18	-	5.34	5.37	5.83	5.79	-
1929	Ammunition, exc. for small arms, nec.	164.42	159.98	173.11	174.83	-	4.08	4.04	4.45	4.46	-
24	LUMBER AND WOOD PRODUCTS	161.56	157.61	162.66	168.75	168.24	3.95	3.96	4.16	4.24	4.27
242	Sawmills and planing mills	157.80	152.45	158.39	162.38	(*)	3.83	3.84	4.02	4.08	(*)
2421	Sawmills and planing mills, general	164.76	158.80	164.34	167.98	-	3.97	3.98	4.15	4.21	-
243	Millwork, plywood and related products	162.41	159.56	169.34	174.00	(*)	4.05	4.06	4.32	4.35	(*)
2431	Millwork	156.79	153.62	165.59	171.94	-	4.01	3.99	4.29	4.32	-
2432	Veneer and plywood	166.46	161.58	173.66	175.31	-	4.05	4.07	4.32	4.35	-
244	Wooden containers	121.88	120.26	127.30	128.92	(*)	3.07	3.06	3.35	3.34	(*)
2441,2	Wooden boxes, shooks, and crates	115.05	113.87	122.56	124.87	-	2.92	2.95	3.20	3.21	-
249	Miscellaneous wood products	142.46	138.65	144.36	148.06	144.44	3.40	3.39	3.60	3.62	3.62
25	FURNITURE AND FIXTURES	139.30	136.11	137.27	140.60	137.27	3.50	3.49	3.69	3.70	3.70
251	Household furniture	130.68	128.31	129.87	132.70	129.89	3.30	3.29	3.51	3.52	3.52
2511	Wood household furniture	124.84	122.28	120.29	123.93	-	3.09	3.08	3.26	3.27	-
2512	Upholstered household furniture	137.47	133.10	137.97	141.75	-	3.58	3.54	3.78	3.79	-
2515	Mattresses and bedsprings	143.54	142.43	147.73	150.82	-	3.69	3.69	3.95	3.99	-
252	Office furniture	163.46	154.79	154.28	159.51	-	3.92	3.86	4.06	4.09	-
254	Partitions and fixtures	170.34	166.92	170.86	176.15	-	4.28	4.28	4.52	4.54	-
253,9	Other furniture and fixtures	152.48	148.58	152.36	156.35	(*)	3.88	3.91	4.02	4.04	(*)
32	STONE, CLAY, AND GLASS PRODUCTS	189.81	189.28	194.73	197.80	200.82	4.53	4.55	4.82	4.86	4.91
321	Flat glass	244.10	232.40	235.13	244.91	-	5.69	5.60	5.82	5.93	-
322	Glass and glassware, pressed or blown	184.57	186.24	199.39	202.19	(*)	4.58	4.61	4.96	4.98	(*)
3221	Glass containers	194.07	196.25	208.90	210.33	-	4.78	4.81	5.12	5.13	-
3229	Pressed and blown glass, nec	171.54	172.33	184.71	188.73	-	4.31	4.33	4.70	4.73	-
324	Cement, hydraulic	253.90	252.70	247.23	261.25	(*)	5.96	5.96	6.03	6.25	(*)
325	Structural clay products	151.25	149.37	158.40	158.80	159.60	3.68	3.67	3.97	3.96	3.99
3251	Brick and structural clay tile	142.14	142.55	145.48	147.65	-	3.45	3.46	3.61	3.61	-
326	Pottery and related products	154.04	151.30	158.42	163.66	-	3.96	3.94	4.18	4.24	-
327	Concrete, gypsum, and plaster products	200.15	201.92	203.08	203.50	(*)	4.58	4.61	4.87	4.88	(*)
328,9	Other stone and nonmetallic mineral products	187.81	186.78	185.72	189.27	(*)	4.44	4.49	4.69	4.72	(*)
3291	Abrasive products	184.73	182.49	171.44	175.38	-	4.55	4.62	4.71	4.74	-

See footnotes at end of table.

C-2. Gross hours and earnings of production or nonsupervisory workers¹
on private nonagricultural payrolls, by industry—Continued

SIC Code	Industry	Average weekly hours					Average overtime hours				
		June 1974	July 1974	May 1975	June 1975P	July 1975P	June 1974	July 1974	May 1975	June 1975P	July 1975P
—	TOTAL PRIVATE	37.0	37.1	35.9	36.3	36.5	—	—	—	—	—
—	MINING	43.7	43.2	42.6	42.6	42.2	—	—	—	—	—
10	METAL MINING	42.1	42.6	40.3	40.7	—	—	—	—	—	—
101	Iron ores	44.8	45.1	43.1	42.9	—	—	—	—	—	—
102	Copper ores	41.0	42.1	37.9	39.1	—	—	—	—	—	—
11,12	COAL MINING	41.3	(*)	40.6	40.4	—	—	—	—	—	—
12	Bituminous coal and lignite mining	41.3	(*)	40.5	40.4	—	—	—	—	—	—
13	OIL AND GAS EXTRACTION	45.1	44.4	44.0	44.3	—	—	—	—	—	—
131,2	Crude petroleum and natural gas fields	43.0	42.0	39.8	40.8	—	—	—	—	—	—
138	Oil and gas field services	46.4	45.8	46.4	46.3	—	—	—	—	—	—
14	NONMETALLIC MINERALS, EXCEPT	—	—	—	—	—	—	—	—	—	—
142	FUELS	45.9	46.0	44.4	44.1	—	—	—	—	—	—
	Crushed and broken stone	48.0	47.9	44.5	43.8	—	—	—	—	—	—
—	CONTRACT CONSTRUCTION	37.6	37.9	36.9	36.4	37.4	—	—	—	—	—
15	GENERAL BUILDING CONTRACTORS	36.6	36.8	36.2	35.9	—	—	—	—	—	—
16	HEAVY CONSTRUCTION CONTRACTORS	41.6	42.1	39.8	38.8	—	—	—	—	—	—
161	Highway and street construction	43.3	44.1	40.0	38.9	—	—	—	—	—	—
162	Heavy construction, nec	40.0	40.2	39.6	38.6	—	—	—	—	—	—
17	SPECIAL TRADE CONTRACTORS	36.6	36.9	36.0	35.7	—	—	—	—	—	—
171	Plumbing, heating, air conditioning	37.3	37.8	37.1	37.3	—	—	—	—	—	—
172	Painting, paper hanging, decorating	35.1	35.3	34.8	34.4	—	—	—	—	—	—
173	Electrical work	37.8	37.7	37.0	37.2	—	—	—	—	—	—
174	Masonry, stonework, and plastering	34.6	35.1	33.8	32.9	—	—	—	—	—	—
176	Roofing and sheet metal work	34.4	35.4	33.7	32.2	—	—	—	—	—	—
—	MANUFACTURING	40.4	40.0	39.0	39.4	39.3	3.5	3.3	2.3	2.5	2.5
19,24,25, 32-39	DURABLE GOODS	41.1	40.4	39.5	39.9	39.6	3.6	3.4	2.2	2.4	2.4
20-23,26-31	NONDURABLE GOODS	39.4	39.3	38.2	38.8	38.9	3.3	3.2	2.4	2.6	2.7
	DURABLE GOODS	—	—	—	—	—	—	—	—	—	—
19	ORDNANCE AND ACCESSORIES	42.0	41.2	41.0	41.6	40.8	3.8	3.1	2.6	2.4	—
192	Ammunition, except for small arms	41.7	40.3	40.1	40.8	(*)	3.4	2.6	2.1	2.0	—
1925	Complete guided missiles	43.1	41.0	41.0	42.0	—	—	—	—	—	—
1929	Ammunition, exc. for small arms, nec	40.3	39.6	38.9	39.2	—	—	—	—	—	—
24	LUMBER AND WOOD PRODUCTS	40.9	39.8	39.1	39.8	39.4	4.1	3.8	2.9	3.2	—
242	Sawmills and planing mills	41.2	39.7	39.4	39.8	(*)	4.6	4.2	3.5	3.6	—
2421	Sawmills and planing mills, general	41.5	39.9	39.6	39.9	—	—	—	—	—	—
243	Millwork, plywood and related products	40.1	39.3	39.2	40.0	(*)	3.4	3.1	2.6	2.9	—
2431	Millwork	39.1	38.5	38.6	39.8	—	—	—	—	—	—
2432	Veneer and plywood	41.1	39.7	40.2	40.3	—	—	—	—	—	—
244	Wooden containers	39.7	39.3	38.0	38.6	(*)	2.9	2.6	1.8	2.1	—
2441,2	Wooden boxes, shooks, and crates	39.4	38.6	38.3	38.9	—	—	—	—	—	—
249	Miscellaneous wood products	41.9	40.9	40.1	40.9	39.9	4.4	4.1	3.0	3.3	—
25	FURNITURE AND FIXTURES	39.8	39.0	37.2	38.0	37.1	2.8	2.4	1.3	1.6	—
251	Household furniture	39.6	39.0	37.0	37.7	36.9	2.6	2.3	1.3	1.6	—
2511	Wood household furniture	40.4	39.7	36.9	37.9	—	3.0	2.7	1.4	1.7	—
2512	Upholstered household furniture	38.4	37.6	36.5	37.4	—	—	—	—	—	—
2515	Mattresses and bedsprings	38.9	38.6	37.4	37.8	—	—	—	—	—	—
252	Office furniture	41.7	40.1	38.0	39.0	—	4.3	3.3	1.5	1.7	—
254	Partitions and fixtures	39.8	39.0	37.8	38.8	—	3.0	2.5	1.4	1.6	—
253,9	Other furniture and fixtures	39.3	38.0	37.9	38.7	(*)	2.8	2.4	1.1	1.4	—
32	STONE, CLAY, AND GLASS PRODUCTS	41.9	41.6	40.4	40.7	40.9	4.7	4.8	3.5	3.7	—
321	Flat glass	42.9	41.5	40.4	41.3	—	5.2	4.2	2.5	3.3	—
322	Glass and glassware, pressed or blown	40.3	40.4	40.2	40.6	(*)	3.9	4.0	3.8	4.3	—
3221	Glass containers	40.6	40.8	40.8	41.0	—	—	—	—	—	—
3229	Pressed and blown glass, nec	39.8	39.8	39.3	39.9	—	3.7	3.1	2.5	3.5	—
324	Cement, hydraulic	42.6	42.4	41.0	41.8	(*)	3.7	3.8	2.3	2.8	—
325	Structural clay products	41.1	40.7	39.9	40.1	40.0	4.0	4.2	3.1	3.2	—
3251	Brick and structural clay tile	41.2	41.2	40.3	40.9	—	—	—	—	—	—
326	Pottery and related products	38.9	38.4	37.9	38.6	—	2.4	2.3	1.3	1.6	—
327	Concrete, gypsum and plaster products	43.7	43.8	41.7	41.7	(*)	6.4	6.7	4.9	4.9	—
328,9	Other stone and nonmetallic mineral products	42.3	41.6	39.6	40.1	(*)	4.6	4.5	2.6	2.7	—
3291	Abrasive products	40.6	39.5	36.4	37.0	—	—	—	—	—	—

See footnotes at end of table.

ESTABLISHMENT DATA HOURS AND EARNINGS

84

C-2. Gross hours and earnings of production or nonsupervisory workers ¹ on private nonagricultural payrolls, by industry—Continued

SIC Code	Industry	Average weekly earnings					Average hourly earnings				
		June 1974	July 1974	May 1975	June 1975 ^P	July 1975 ^P	June 1974	July 1974	May 1975	June 1975 ^P	July 1975 ^P
	DURABLE GOODS—Continued										
33	PRIMARY METAL INDUSTRIES	\$235.62	\$234.48	\$238.19	\$241.19	\$240.79	\$5.61	\$5.65	\$6.03	\$6.06	\$6.05
331	Blast furnace and basic steel products	259.99	262.28	261.71	262.68	(*)	6.28	6.32	6.78	6.77	(*)
3312	Blast furnaces and steel mills	264.50	267.26	266.42	267.42	—	6.42	6.44	6.92	6.91	—
332	Iron and steel foundries	217.50	209.25	215.87	221.68	(*)	5.07	5.03	5.37	5.42	(*)
3321	Gray iron foundries	223.34	214.43	218.95	223.85	—	5.17	5.13	5.46	5.50	—
3322	Malleable iron foundries	219.42	205.77	219.25	228.89	—	5.30	5.17	5.68	5.78	—
3323	Steel foundries	200.65	196.77	208.69	215.27	—	4.71	4.73	5.09	5.15	—
333,4	Nonferrous metals	227.38	227.64	236.64	242.35	(*)	5.35	5.42	5.80	5.94	(*)
3334	Primary aluminum	258.64	259.25	265.56	270.82	—	6.10	6.10	6.43	6.72	—
335	Nonferrous rolling and drawing	217.15	215.31	218.15	221.14	(*)	5.05	5.09	5.36	5.42	(*)
3351	Copper rolling and drawing	223.43	214.02	212.79	221.13	—	5.16	5.12	5.36	5.46	—
3352	Aluminum rolling and drawing	227.37	228.12	224.47	226.16	—	5.30	5.33	5.57	5.64	—
3357	Nonferrous wire drawing and insulating	211.36	210.38	219.42	221.49	—	4.87	4.95	5.30	5.35	—
336	Nonferrous foundries	180.10	176.91	183.55	188.16	(*)	4.48	4.49	4.78	4.80	(*)
3361	Aluminum castings	181.15	178.69	185.93	192.67	—	4.54	4.57	4.88	4.89	—
3362,9	Other nonferrous castings	178.16	175.12	181.66	182.99	—	4.41	4.40	4.67	4.68	—
339	Miscellaneous primary metal products	231.98	228.10	236.12	240.76	(*)	5.42	5.47	5.83	5.93	(*)
3391	Iron and steel forgings	248.54	240.95	250.10	258.32	—	5.78	5.82	6.16	6.27	—
34	FABRICATED METAL PRODUCTS	189.20	186.35	196.81	200.70	198.97	4.57	4.59	4.97	5.03	5.05
341	Metal cans	258.05	265.01	269.45	288.41	(*)	5.76	5.85	6.37	6.54	(*)
342	Cutlery, hand tools, and hardware	172.10	168.20	181.20	181.72	180.78	4.26	4.28	4.67	4.72	4.72
3421,3,5	Cutlery and hand tools, incl. saws	169.72	161.85	171.77	171.71	—	4.17	4.15	4.45	4.46	—
3429	Hardware, nec	174.07	173.05	188.28	189.42	—	4.33	4.37	4.84	4.92	—
343	Plumbing and heating, except electric	167.60	162.60	173.05	180.10	(*)	4.19	4.18	4.46	4.48	(*)
3431,2	Sanitary ware and plumbers' brass goods	173.29	169.49	175.83	177.69	—	4.30	4.28	4.52	4.51	—
3433	Heating equipment, except electric	161.99	155.47	171.50	181.97	—	4.07	4.07	4.42	4.46	—
344	Fabricated structural metal products	188.70	184.17	199.20	200.60	(*)	4.58	4.57	4.98	4.99	(*)
3441	Fabricated structural steel	203.63	194.21	214.85	217.46	—	4.78	4.76	5.14	5.19	—
3442	Metal doors, sash, and trim	150.53	147.84	159.86	160.78	—	3.84	3.85	4.12	4.06	—
3443	Fabricated plate work (boiler shops)	193.11	189.07	211.05	211.47	—	4.71	4.68	5.25	5.30	—
3444	Sheet metal work	195.36	192.72	198.14	202.52	—	4.80	4.83	5.12	5.14	—
3446,9	Architectural and misc. metal work	190.40	190.38	185.89	187.23	—	4.48	4.49	4.73	4.74	—
345	Screw machine products, bolts, etc	193.15	187.81	184.60	186.53	(*)	4.42	4.44	4.77	4.82	(*)
3451	Screw machine products	185.76	182.27	180.78	180.18	—	4.31	4.35	4.60	4.62	—
3452	Bolts, nuts, rivets, and washers	200.68	192.55	187.45	192.50	—	4.53	4.52	4.92	5.00	—
346	Metal stampings	205.73	207.05	213.79	218.59	213.40	5.03	5.05	5.44	5.52	5.50
347	Metal services, nec	158.36	154.83	162.24	165.48	(*)	3.91	3.90	4.16	4.20	(*)
348	Miscellaneous fabricated wire products	167.28	163.99	174.05	175.28	173.05	4.10	4.11	4.44	4.46	4.46
349	Miscellaneous fabricated metal products	185.47	180.90	193.74	196.31	(*)	4.48	4.50	4.88	4.92	(*)
3494,8	Valves, pipe, and pipe fittings	190.99	184.46	202.31	204.22	—	4.58	4.60	5.02	5.08	—
35	MACHINERY, EXCEPT ELECTRICAL	207.83	203.91	212.91	214.12	212.40	4.89	4.89	5.27	5.30	5.31
351	Engines and turbines	235.76	231.54	233.81	237.18	(*)	5.60	5.62	5.86	5.90	(*)
3511	Steam engines and turbines	211.98	214.90	208.44	219.23	—	5.26	5.28	5.40	5.55	—
3519	Internal combustion engines, nec	246.25	238.46	246.85	246.85	—	5.74	5.76	6.08	6.08	—
352	Farm machinery	213.70	205.82	220.65	223.91	—	5.04	5.02	5.53	5.57	—
353	Construction and related machinery	214.54	206.04	230.57	228.73	(*)	5.06	5.05	5.61	5.62	(*)
3531,2	Construction and mining machinery	225.42	216.68	245.83	244.82	—	5.38	5.39	6.04	6.06	—
3533	Oil field machinery	205.19	199.71	222.50	212.69	—	4.57	4.57	5.08	5.04	—
3535,6	Conveyors, hoists, cranes, monorails	201.50	193.28	211.77	217.98	—	4.73	4.68	5.14	5.24	—
3537	Industrial trucks and tractors	187.42	176.22	183.26	184.79	—	4.56	4.53	4.81	4.85	—
354	Metal working machinery	224.18	220.16	221.27	220.18	(*)	5.13	5.12	5.45	5.45	(*)
3541	Machine tools, metal cutting types	230.44	223.60	230.32	229.50	—	5.19	5.20	5.51	5.53	—
3544	Special dies, tools, jigs and fixtures	242.97	239.04	236.33	234.77	—	5.46	5.47	5.75	5.74	—
3545	Machine tool accessories	210.20	211.68	202.58	203.78	—	4.81	4.80	5.09	5.12	—
3542,8	Miscellaneous metal working machinery	197.77	193.64	200.66	198.12	—	4.72	4.70	5.08	5.08	—
355	Special industry machinery	191.65	183.96	193.43	197.29	(*)	4.52	4.52	4.86	4.92	(*)
3551	Food products machinery	199.33	189.54	202.07	204.51	—	4.69	4.68	5.09	5.10	—
3552	Textile machinery	159.92	151.31	153.82	162.82	—	3.91	3.85	4.08	4.24	—
3555	Printing trades machinery	210.44	204.59	199.20	202.81	—	4.94	4.99	4.98	5.02	—
356	General industrial machinery	206.36	202.29	215.06	214.40	210.00	4.89	4.91	5.31	5.32	5.33
3561	Pumps and compressors	200.34	196.02	210.71	212.74	—	4.77	4.84	5.19	5.24	—
3562	Ball and roller bearings	216.24	218.71	220.15	218.44	—	5.10	5.11	5.49	5.53	—
3564	Blowers and fans	191.56	181.09	199.70	204.82	—	4.55	4.55	4.98	5.02	—
3566	Power transmission equipment	206.98	205.87	225.04	217.76	—	4.87	4.89	5.32	5.26	—
357	Office and computing machines	194.12	190.94	194.07	198.77	(*)	4.60	4.59	4.78	4.86	(*)
3573	Electronic computing equipment	190.83	187.77	197.28	203.35	—	4.49	4.46	4.80	4.90	—
358	Service industry machines	184.09	181.80	182.02	184.94	(*)	4.49	4.50	4.74	4.73	(*)
3585	Refrigeration machinery	187.01	186.00	180.39	184.32	—	4.55	4.57	4.71	4.69	—
359	Miscellaneous machinery, except electrical	198.98	204.95	206.35	209.10	(*)	4.66	4.69	5.07	5.10	(*)

See footnotes at end of table.

**C-2. Gross hours and earnings of production or nonsupervisory workers ¹
on private nonagricultural payrolls, by industry—Continued**

SIC Code	Industry	Average weekly hours					Average overtime hours				
		June 1974	July 1974	May 1975	June 1975 ^p	July 1975 ^p	June 1974	July 1974	May 1975	June 1975 ^p	July 1975 ^p
	DURABLE GOODS—Continued										
33	PRIMARY METAL INDUSTRIES	42.0	41.5	39.5	39.8	39.8	4.2	3.9	2.4	2.5	—
331	Blast furnace and basic steel products	41.4	41.5	38.6	38.8	(*)	3.3	3.3	1.6	1.7	—
3312	Blast furnaces and steel mills	41.2	41.5	38.5	38.7	—	3.0	3.2	1.5	1.5	—
332	Iron and steel foundries	42.9	41.6	40.2	40.9	(*)	5.6	4.7	3.3	3.7	—
3321	Gray iron foundries	43.2	41.8	40.1	40.7	—	6.1	5.1	3.3	3.5	—
3322	Malleable iron foundries	41.4	39.8	38.6	39.6	—	—	—	—	—	—
3323	Steel foundries	42.6	41.6	41.0	41.8	—	4.7	4.2	3.7	4.3	—
333,4	Nonferrous metals	42.5	42.0	40.8	40.8	(*)	4.8	4.6	2.9	3.0	—
3334	Primary aluminum	42.4	42.5	41.3	40.3	—	—	—	—	—	—
335	Nonferrous rolling and drawing	43.0	42.3	40.7	40.8	(*)	5.3	4.7	3.0	3.2	—
3351	Copper rolling and drawing	43.3	41.8	39.7	40.5	—	—	—	—	—	—
3352	Aluminum rolling and drawing	42.9	42.8	40.3	40.1	—	5.1	4.8	3.1	3.3	—
3357	Nonferrous wire drawing and insulating	43.4	42.5	41.4	41.4	—	5.3	5.0	3.5	3.6	—
336	Nonferrous foundries	40.2	39.4	38.4	39.2	(*)	3.3	2.9	1.8	2.2	—
3361	Aluminum castings	39.9	39.1	38.1	39.4	—	—	—	—	—	—
3362,9	Other nonferrous castings	40.4	39.8	38.9	39.1	—	—	—	—	—	—
339	Miscellaneous primary metal products	42.8	41.7	40.5	40.6	(*)	5.1	4.8	3.3	3.6	—
3391	Iron and steel forgings	43.0	41.4	40.6	41.2	—	—	—	—	—	—
34	FABRICATED METAL PRODUCTS	41.4	40.6	39.6	39.9	39.4	3.8	3.4	2.1	2.3	—
341	Metal cans	44.8	45.3	42.3	44.1	(*)	5.4	5.2	2.9	4.2	—
342	Cutlery, hand tools, and hardware	40.4	39.3	38.8	38.5	38.3	3.0	2.5	1.6	1.4	—
3421,3,5	Cutlery and hand tools, incl. saws	40.7	39.0	38.6	38.5	—	—	—	—	—	—
3429	Hardware, nec	40.2	39.6	38.9	38.5	—	—	—	—	—	—
343	Plumbing and heating, except electric	40.0	38.9	38.8	40.2	(*)	2.5	2.1	1.7	2.3	—
3431,2	Sanitary ware and plumbers' brass goods	40.3	39.6	38.9	39.4	—	—	—	—	—	—
3433	Heating equipment, except electric	39.8	38.2	38.8	40.8	—	—	—	—	—	—
344	Fabricated structural metal products	41.2	40.3	40.0	40.2	(*)	3.7	3.2	2.5	2.6	—
3441	Fabricated structural steel	42.6	40.8	41.8	41.9	—	4.4	3.7	3.7	3.8	—
3442	Metal doors, sash, and trim	39.2	38.4	38.8	39.6	—	—	—	—	—	—
3443	Fabricated plate work (boiler shops)	41.0	40.4	40.2	39.9	—	3.7	3.0	2.7	2.4	—
3444	Sheet metal work	40.7	39.9	38.7	39.4	—	—	—	—	—	—
3446,9	Architectural and misc. metal work	42.5	42.4	39.3	39.5	—	—	—	—	—	—
345	Screw machine products, bolts, etc	43.7	42.3	38.7	38.7	(*)	5.5	4.6	1.6	1.8	—
3451	Screw machine products	43.1	41.9	39.3	39.0	—	—	—	—	—	—
3452	Bolts, nuts, rivets, and washers	44.3	42.6	38.1	38.5	—	—	—	—	—	—
346	Metal stampings	40.9	41.0	39.3	39.6	38.8	3.7	3.5	1.6	2.0	—
347	Metal services, nec	40.5	39.7	39.0	39.4	(*)	3.8	3.7	2.6	2.7	—
348	Miscellaneous fabricated wire products	40.8	39.9	39.2	39.3	38.8	3.4	3.0	1.8	1.8	—
349	Miscellaneous fabricated metal products	41.4	40.2	39.7	39.9	(*)	3.7	3.3	2.3	2.4	—
3494,8	Valves, pipe, and pipe fittings	41.7	40.1	40.3	40.2	—	—	—	—	—	—
35	MACHINERY, EXCEPT ELECTRICAL	42.5	41.7	40.4	40.4	40.0	4.6	4.0	2.6	2.6	—
351	Engines and turbines	42.1	41.2	39.9	40.2	(*)	4.7	4.1	2.7	2.7	—
3511	Steam engines and turbines	40.3	40.7	38.6	39.5	—	—	—	—	—	—
3519	Internal combustion engines, nec	42.9	41.4	40.6	40.6	—	—	—	—	—	—
352	Farm machinery	42.4	41.0	39.9	40.2	—	4.7	4.1	2.7	2.6	—
353	Construction and related machinery	42.4	40.8	41.1	40.7	(*)	4.2	3.5	3.0	2.8	—
3531,2	Construction and mining machinery	41.9	40.2	40.7	40.4	—	3.8	2.9	2.7	2.5	—
3533	Oil field machinery	44.9	43.7	43.8	42.2	—	—	—	—	—	—
3535,6	Conveyors, hoists, cranes, monorails	42.6	41.3	41.2	41.6	—	—	—	—	—	—
3537	Industrial trucks and tractors	41.1	38.9	38.1	38.1	—	—	—	—	—	—
354	Metal working machinery	43.7	43.0	40.6	40.4	(*)	5.8	5.5	2.9	2.8	—
3541	Machine tools, metal cutting types	44.4	43.0	41.8	41.5	—	6.3	6.0	3.7	3.4	—
3544	Special dies, tools, jig and fixtures	44.5	43.7	41.1	40.9	—	—	—	—	—	—
3545	Machine tool accessories	43.7	44.1	39.8	39.8	—	5.2	6.0	2.2	2.0	—
3542,8	Miscellaneous metal working machinery	41.9	41.2	39.5	39.0	—	—	—	—	—	—
355	Special industry machinery	42.4	40.7	39.8	40.1	(*)	4.9	3.5	2.2	2.3	—
3551	Food products machinery	42.5	40.5	39.7	40.1	—	—	—	—	—	—
3552	Textile machinery	40.9	39.3	37.7	38.4	—	—	—	—	—	—
3555	Printing trades machinery	42.6	41.0	40.0	40.4	—	—	—	—	—	—
356	General industrial machinery	42.2	41.2	40.5	40.3	39.4	4.4	4.1	2.8	2.5	—
3561	Pumps and compressors	42.0	40.5	40.6	40.6	—	4.2	3.6	2.6	2.2	—
3562	Ball and roller bearings	42.4	42.8	40.1	39.5	—	4.6q	5.2	2.3	1.8	—
3564	Blowers and fans	42.1	39.8	40.1	40.8	—	—	—	—	—	—
3566	Power transmission equipment	42.5	42.1	42.3	41.4	—	5.3	5.2	4.8	3.7	—
357	Office and computing machines	42.2	41.6	40.6	40.9	(*)	3.3	2.7	1.5	1.9	—
3573	Electronic computing equipment	42.5	42.1	41.1	41.5	—	—	—	—	—	—
358	Service industry machines	41.0	40.4	38.4	39.1	(*)	3.1	2.4	.8	1.0	—
3585	Refrigeration machinery	41.1	40.7	38.3	39.3	—	3.3	2.4	.3	.8	—
359	Miscellaneous machinery, except electrical	42.7	43.7	40.7	41.0	(*)	5.2	4.5	3.4	3.4	—

See footnotes at end of table.

ESTABLISHMENT DATA HOURS AND EARNINGS

86

C-2. Gross hours and earnings of production or nonsupervisory workers¹ on private nonagricultural payrolls, by industry—Continued

SIC Code	Industry	Average weekly earnings					Average hourly earnings				
		June 1974	July 1974	May 1975	June 1975 ^P	July 1975 ^P	June 1974	July 1974	May 1975	June 1975 ^P	July 1975 ^P
DURABLE GOODS—Continued											
36	ELECTRICAL EQUIPMENT AND SUPPLIES	\$166.83	\$163.88	\$176.34	\$180.52	\$179.40	\$4.15	\$4.17	\$4.51	\$4.57	\$4.60
361	Electric test and distributing equipment	175.91	174.53	180.11	182.13	(*)	4.28	4.32	4.63	4.67	(*)
3611	Electric measuring instruments	149.67	146.29	158.30	159.06	—	3.77	3.78	4.08	4.11	—
3612	Transformers	177.57	177.42	180.57	185.42	—	4.31	4.37	4.69	4.73	—
3613	Switchgear and switchboard apparatus	197.07	196.41	198.35	199.92	—	4.67	4.71	5.06	5.10	—
362	Electrical industrial apparatus	172.62	170.47	179.84	182.80	(*)	4.20	4.23	4.53	4.57	(*)
3621	Motors and generators	173.42	169.55	180.29	183.14	—	4.24	4.26	4.53	4.59	—
3622	Industrial controls	164.02	161.99	174.64	177.16	—	4.03	4.06	4.41	4.44	—
363	Household appliances	175.91	171.17	174.27	180.91	(*)	4.28	4.29	4.48	4.58	(*)
3632	Household refrigerators and freezers	193.59	196.56	184.24	189.54	—	4.43	4.55	4.70	4.86	—
3633	Household laundry equipment	210.51	189.82	199.02	218.15	—	4.93	4.83	5.21	5.36	—
3634	Electric housewares and fans	141.96	137.97	149.00	151.32	—	3.64	3.65	3.85	3.90	—
364	Electric lighting and wiring equipment	158.40	155.99	166.80	170.82	(*)	4.01	4.01	4.31	4.38	(*)
3641	Electric lamps	161.57	160.37	170.21	178.85	—	4.08	4.06	4.32	4.46	—
3642	Lighting fixtures	161.48	159.01	173.25	173.95	—	4.13	4.13	4.50	4.53	—
3643,4	Wiring devices	155.23	151.71	160.55	163.35	—	3.91	3.90	4.17	4.21	—
365	Radio and TV receiving equipment	147.43	148.52	158.00	164.48	(*)	3.89	3.95	4.18	4.25	(*)
366	Communication equipment	188.38	182.42	201.17	204.29	(*)	4.64	4.63	5.08	5.12	(*)
3661	Telephone and telegraph apparatus	184.46	178.55	200.55	201.22	—	4.60	4.59	5.09	5.12	—
3662	Radio and TV communication equipment	191.47	186.33	201.68	207.25	—	4.67	4.67	5.08	5.13	—
367	Electronic components and accessories	137.51	133.73	148.61	150.93	(*)	3.49	3.51	3.84	3.88	(*)
3671-3	Electron tubes	177.07	165.59	182.49	188.00	—	4.34	4.29	4.62	4.70	—
3674,9	Other electronic components	132.10	129.54	143.21	144.74	—	3.37	3.40	3.71	3.74	—
369	Miscellaneous electrical equip. and supplies	202.73	197.32	207.03	216.77	(*)	4.85	4.86	5.15	5.30	(*)
3694	Engine electrical equipment	217.85	214.35	220.40	233.45	—	5.15	5.19	5.51	5.68	—
37	TRANSPORTATION EQUIPMENT	218.02	217.74	233.23	239.38	242.60	5.41	5.43	5.86	5.94	5.99
371	Motor vehicles and equipment	241.26	242.67	249.48	260.42	(*)	5.87	5.89	6.30	6.43	(*)
3711	Motor vehicles	240.73	253.34	259.25	270.41	—	6.11	6.24	6.58	6.71	—
3712	Passenger car bodies	246.33	266.09	282.58	285.84	—	6.30	6.57	7.10	7.20	—
3713	Truck and bus bodies	186.71	175.86	195.13	205.44	—	4.61	4.64	4.94	5.06	—
3714	Motor vehicle parts and accessories	253.54	247.03	246.36	259.31	—	5.91	5.84	6.19	6.34	—
3715	Truck trailers	166.76	165.03	178.86	174.91	—	4.19	4.21	4.67	4.74	—
372	Aircraft and parts [†]	214.94	214.12	238.91	243.54	(*)	5.36	5.38	5.87	5.94	(*)
3721	Aircraft [†]	211.03	210.86	242.96	250.50	—	5.51	5.52	6.12	6.17	—
*3722	Aircraft engines and engine parts [†]	224.52	225.22	240.12	244.32	—	5.41	5.44	5.80	5.93	—
3723,9	Other aircraft parts and equipment [†]	211.50	208.42	227.52	227.81	—	5.00	5.01	5.43	5.45	—
373	Ship and boat building and repairing	176.32	178.60	205.40	206.59	(*)	4.64	4.70	5.20	5.23	(*)
3731	Ship building and repairing	183.75	187.37	217.71	218.50	—	4.90	4.97	5.47	5.49	—
3732	Boat building and repairing	155.23	153.27	159.74	162.89	—	3.92	3.91	4.16	4.22	—
374	Railroad equipment	226.89	225.92	(*)	(*)	—	5.63	5.62	(*)	(*)	—
375,9	Other transportation equipment	155.61	147.83	166.96	163.83	—	3.90	3.87	4.27	4.19	—
38	INSTRUMENTS AND RELATED PRODUCTS	167.67	166.74	176.40	178.09	178.23	4.14	4.20	4.50	4.52	4.57
381	Engineering and scientific instruments	185.02	182.46	193.44	196.10	—	4.48	4.55	4.80	4.83	—
382	Mechanical measuring and control devices	159.59	157.18	169.94	171.55	172.43	4.02	4.02	4.38	4.41	4.41
3821	Mechanical measuring devices	161.20	158.80	172.53	174.68	—	4.00	4.00	4.39	4.40	—
3822	Automatic temperature controls	156.74	154.66	164.31	164.87	—	4.05	4.07	4.37	4.42	—
383,5	Optical and ophthalmic goods	151.58	150.53	160.79	161.57	(*)	3.78	3.84	4.05	4.08	(*)
385	Ophthalmic goods	139.12	135.28	148.92	149.73	—	3.54	3.56	3.77	3.81	—
384	Medical instruments and supplies	149.11	144.65	151.26	153.98	153.95	3.70	3.69	3.97	4.01	4.03
386	Photographic equipment and supplies	211.51	216.00	224.96	226.24	(*)	5.06	5.23	5.61	5.60	(*)
387	Watches, clocks, and watchcases	135.04	135.14	143.95	144.71	—	3.41	3.43	3.71	3.72	—
39	MISC. MANUFACTURING INDUSTRIES	136.11	134.37	143.25	145.52	142.88	3.49	3.49	3.75	3.77	3.78
391	Jewelry, silverware, and plated ware	147.07	143.63	152.59	154.19	(*)	3.84	3.83	4.08	4.09	(*)
394	Toys and sporting goods	122.82	121.73	131.03	132.52	—	3.19	3.17	3.43	3.46	—
3941-3	Games, toys, dolls and play vehicles	116.80	118.66	125.62	126.67	—	3.09	3.09	3.28	3.29	—
3949	Sporting and athletic goods, nec	129.69	125.95	137.56	139.84	—	3.30	3.28	3.62	3.68	—
395	Pens, pencils, office and art supplies	145.38	139.91	145.45	148.85	—	3.52	3.56	3.72	3.74	—
396	Costume jewelry and notions	123.97	123.33	126.54	130.85	—	3.22	3.22	3.33	3.39	—
393,9	Other manufacturing industries	147.73	145.50	155.09	158.30	(*)	3.74	3.75	4.06	4.08	(*)
393	Musical instruments and parts	146.32	138.90	144.78	149.76	—	3.56	3.49	3.79	3.84	—
NONDURABLE GOODS											
20	FOOD AND KINDRED PRODUCTS	168.50	170.54	179.05	181.65	182.51	4.14	4.18	4.51	4.53	4.54
201	Meat products	174.68	176.23	179.10	184.21	(*)	4.25	4.33	4.64	4.64	(*)
2011	Meat packing plants	217.07	216.94	218.80	227.42	—	5.06	5.19	5.47	5.52	—
2013	Sausages and other prepared meats	199.82	203.77	218.56	220.17	—	4.85	4.97	5.37	5.37	—
2015	Poultry dressing plants	105.88	109.20	105.97	110.41	—	2.75	2.80	2.96	2.96	—

See footnotes at end of table.

C-2. Gross hours and earnings of production or nonsupervisory workers ¹
on private nonagricultural payrolls, by industry—Continued

SIC Code	Industry	Average weekly hours					Average overtime hours				
		June 1974	July 1974	May 1975	June 1975P	July 1975P	June 1974	July 1974	May 1975	June 1975P	July 1975P
	DURABLE GOODS—Continued										
36	ELECTRICAL EQUIPMENT AND SUPPLIES	40.2	39.3	39.1	39.5	39.0	2.6	2.2	1.4	1.6	—
361	Electric test and distributing equipment	41.1	40.4	38.9	39.0	(*)	3.2	3.0	1.6	1.5	—
3611	Electric measuring instruments	39.7	38.7	38.8	38.7	—	2.0	1.7	1.3	1.1	—
3612	Transformers	41.2	40.6	38.5	39.2	—	—	—	—	—	—
3613	Switchgear and switchboard apparatus	42.2	41.7	39.2	39.2	—	—	—	—	—	—
362	Electrical industrial apparatus	41.1	40.3	39.7	40.0	(*)	3.5	3.0	1.9	2.0	—
3621	Motors and generators	40.9	39.8	39.8	39.9	—	3.4	3.2	1.8	2.0	—
3622	Industrial controls	40.7	39.9	39.6	39.9	—	3.0	2.0	2.0	2.1	—
363	Household appliances	41.1	39.9	38.9	39.5	(*)	2.9	2.3	1.2	1.6	—
3632	Household refrigerators and freezers	43.7	43.2	39.2	39.0	—	—	—	—	—	—
3633	Household laundry equipment	42.7	39.3	38.2	40.7	—	—	—	—	—	—
3634	Electric housewares and fans	39.0	37.8	38.7	38.8	—	2.5	2.2	1.2	1.3	—
364	Electric lighting and wiring equipment	39.5	38.9	38.7	39.0	(*)	2.0	1.9	1.3	1.3	—
3641	Electric lamps	39.6	39.5	39.4	40.1	—	1.5	1.5	1.4	1.6	—
3642	Lighting fixtures	39.1	38.5	38.5	38.4	—	1.8	1.9	1.5	1.4	—
3643,4	Wiring devices	39.7	38.9	38.5	38.8	—	2.4	2.0	1.1	1.1	—
365	Radio and TV receiving equipment	37.9	37.6	37.8	38.7	(*)	1.2	1.1	.4	.7	—
366	Communication equipment	40.6	39.4	39.6	39.9	(*)	2.1	1.8	1.4	1.9	—
3661	Telephone and telegraph apparatus	40.1	38.9	39.4	39.3	—	—	—	—	—	—
3662	Radio and TV communication equipment	41.0	39.9	39.7	40.4	—	2.8	2.3	1.8	2.3	—
367	Electronic components and accessories	39.4	38.1	38.7	38.9	(*)	2.3	2.0	1.4	1.4	—
3671-3	Electron tubes	40.8	38.6	39.5	40.0	—	2.5	1.6	1.4	1.5	—
3674,9	Other electronic components	39.2	38.1	38.6	38.7	—	2.2	2.0	1.4	1.4	—
369	Miscellaneous electrical equip. and supplies	41.8	40.6	40.2	40.9	(*)	3.8	3.1	2.0	2.4	—
3694	Engine electrical equipment	42.3	41.3	40.0	41.1	—	—	—	—	—	—
37	TRANSPORTATION EQUIPMENT	40.3	40.1	39.8	40.3	40.5	3.3	3.6	2.1	2.6	—
371	Motor vehicles and equipment	41.1	41.2	39.6	40.5	(*)	3.4	4.2	1.8	2.5	—
3711	Motor vehicles	39.4	40.6	39.4	40.3	—	2.2	4.5	1.4	2.1	—
3712	Passenger car bodies	39.1	40.5	39.8	39.7	—	—	—	—	—	—
3713	Truck and bus bodies	40.5	37.9	39.5	40.6	—	—	—	—	—	—
3714	Motor vehicle parts and accessories	42.9	42.3	39.8	40.9	—	4.7	4.4	2.0	2.9	—
3715	Truck trailers	39.8	39.2	38.3	36.9	—	—	—	—	—	—
372	Aircraft and parts	40.1	39.8	40.7	41.0	(*)	3.4	3.4	2.3	2.7	—
3721	Aircraft	38.3	38.2	39.7	40.6	—	2.7	2.7	1.1	2.0	—
3722	Aircraft engines and engine parts	41.5	41.4	41.4	41.2	—	3.9	3.9	3.5	3.4	—
3723,9	Other aircraft parts and equipment	42.3	41.6	41.9	41.8	—	4.4	4.3	3.5	3.5	—
373	Ship and boat building and repairing	38.0	38.0	39.5	39.5	(*)	2.8	2.9	2.9	2.9	—
3731	Ship building and repairing	37.5	37.7	39.8	39.8	—	—	—	—	—	—
3732	Boat building and repairing	39.6	39.2	38.4	38.6	—	—	—	—	—	—
374	Railroad equipment	40.3	40.2	(*)	(*)	—	3.6	3.2	(*)	(*)	—
375,9	Other transportation equipment	39.9	38.2	39.1	39.1	—	2.8	2.4	1.7	1.8	—
38	INSTRUMENTS AND RELATED PRODUCTS	40.5	39.7	39.2	39.4	39.0	2.7	2.3	1.6	1.6	—
381	Engineering and scientific instruments	41.3	40.1	40.3	40.6	—	3.4	3.2	2.1	2.0	—
382	Mechanical measuring and control devices	39.7	39.1	38.8	38.9	39.1	2.6	2.2	1.7	1.5	—
3821	Mechanical measuring devices	40.3	39.7	39.3	39.7	—	3.0	2.6	1.9	2.1	—
3822	Automatic temperature controls	38.7	38.0	37.6	37.3	—	1.8	1.6	1.1	.4	—
383,5	Optical and ophthalmic goods	40.1	39.2	39.7	39.6	(*)	2.7	1.8	1.4	1.8	—
385	Ophthalmic goods	39.3	38.0	39.5	39.3	—	2.2	1.4	1.4	1.7	—
384	Medical instruments and supplies	40.3	39.2	38.1	38.4	38.2	2.6	2.1	1.4	1.4	—
386	Photographic equipment and supplies	41.8	41.3	40.1	40.4	(*)	3.0	2.7	1.7	1.8	—
387	Watches, clocks, and watch cases	39.6	39.4	38.8	38.9	—	1.2	1.7	1.3	1.2	—
39	MISC. MANUFACTURING INDUSTRIES	39.0	38.5	38.2	38.6	37.8	2.4	2.0	1.5	1.7	—
391	Jewelry, silverware, and plated ware	38.3	37.5	37.4	37.7	(*)	2.4	1.7	1.6	1.6	—
394	Toys and sporting goods	38.5	38.4	38.2	38.3	—	2.1	1.8	1.4	1.6	—
3941-3	Games, toys, dolls and play vehicles	37.8	38.4	38.3	38.5	—	—	—	—	—	—
3949	Sporting and athletic goods, nec	39.3	38.4	38.0	38.0	—	—	—	—	—	—
395	Pens, pencils, office and art supplies	41.3	39.3	39.1	39.8	—	2.9	3.1	1.7	2.0	—
396	Costume jewelry and notions	38.5	38.3	38.0	38.6	—	2.4	1.8	1.2	1.9	—
393,9	Other manufacturing industries	39.5	38.8	38.2	38.8	(*)	2.5	2.0	1.5	1.8	—
393	Musical instruments and parts	41.1	39.8	38.2	39.0	—	3.4	2.0	1.3	1.6	—
	NONDURABLE GOODS										
20	FOOD AND KINDRED PRODUCTS	40.7	40.8	39.7	40.1	40.2	4.3	4.4	3.4	3.7	—
201	Meat products	41.1	40.7	38.6	39.7	(*)	4.9	4.4	3.3	3.6	—
2011	Meat packing plants	42.9	41.8	40.0	41.2	—	5.5	5.0	3.7	4.2	—
2013	Sausages and other prepared meats	41.2	41.0	40.7	41.0	—	—	—	—	—	—
2015	Poultry dressing plants	38.5	39.0	35.8	37.3	—	—	—	—	—	—

See footnotes at end of table.

ESTABLISHMENT DATA HOURS AND EARNINGS

88

C-2. Gross hours and earnings of production or nonsupervisory workers¹ on private nonagricultural payrolls, by industry—Continued

SIC Code	Industry	Average weekly earnings					Average hourly earnings				
		June 1974	July 1974	May 1975	June 1975 ^P	July 1975 ^P	June 1974	July 1974	May 1975	June 1975 ^P	July 1975 ^P
	NONDURABLE GOODS—Continued										
	FOOD AND KINDRED PRODUCTS—Continued										
202	Dairy products	\$174.29	\$177.23	\$187.65	\$191.17	\$193.38	\$4.13	\$4.18	\$4.50	\$4.53	\$4.55
2024	Ice cream and frozen desserts	166.74	167.60	185.47	189.98	—	3.97	4.00	4.48	4.47	—
2026	Fluid milk	183.17	186.17	197.07	199.23	—	4.32	4.36	4.67	4.71	—
203	Canned, cured, and frozen foods	134.14	137.39	146.29	144.71	—	3.53	3.55	3.86	3.89	—
2031,6	Canned, cured, and frozen sea foods	115.38	114.08	114.24	119.72	—	3.11	3.10	3.38	3.46	—
2032,3	Canned food, except sea foods	142.49	146.49	159.54	155.07	—	3.74	3.69	4.07	4.07	—
2037	Frozen fruits and vegetables	129.58	131.54	138.99	136.16	—	3.41	3.48	3.61	3.71	—
204	Grain mill products	187.90	196.64	203.30	208.59	211.82	4.29	4.36	4.75	4.73	4.76
2041	Flour and other grain mill products	207.03	214.37	216.72	216.42	—	4.55	4.65	4.87	4.82	—
2042	Prepared feeds for animals and fowls	161.85	171.83	173.43	179.82	—	3.67	3.76	4.10	4.05	—
205	Bakery products	171.28	175.80	182.49	184.61	(*)	4.25	4.33	4.62	4.65	(*)
2051	Bread, cake, and related products	172.80	176.44	183.06	185.65	—	4.32	4.40	4.67	4.70	—
2052	Cookies and crackers	166.84	174.68	180.23	182.70	—	4.03	4.11	4.45	4.50	—
206	Sugar	189.70	195.50	198.99	201.89	—	4.56	4.60	4.95	5.06	—
207	Confectionery and related products	148.88	150.11	159.19	162.41	(*)	3.75	3.81	4.03	4.05	(*)
2071	Confectionery products	141.90	143.13	153.65	156.00	—	3.62	3.67	3.88	3.90	—
208	Beverages	202.70	203.69	212.40	220.58	223.51	4.92	4.92	5.31	5.38	5.36
2082	Malt liquors	285.80	286.45	294.45	311.86	—	6.57	6.57	6.92	7.12	—
2086	Bottled and canned soft drinks	147.57	152.11	152.87	158.80	—	3.68	3.71	3.95	3.98	—
209	Miscellaneous foods and kindred products	168.48	169.33	179.66	181.31	(*)	4.05	4.10	4.35	4.39	(*)
21	TOBACCO MANUFACTURES	160.07	160.82	175.31	194.04	171.11	4.28	4.37	4.79	4.90	4.74
211	Cigarettes	185.26	188.98	204.43	231.13	—	4.98	5.08	5.54	5.61	—
212	Cigars	101.57	97.68	103.01	108.47	—	2.68	2.64	2.91	2.98	—
22	TEXTILE MILL PRODUCTS	131.54	129.68	128.87	131.93	131.93	3.24	3.25	3.33	3.34	3.34
221	Weaving mills, cotton	139.17	137.85	129.20	132.60	(*)	3.29	3.29	3.33	3.34	(*)
222	Weaving mills, synthetics	139.67	141.93	130.60	134.70	(*)	3.39	3.42	3.41	3.41	(*)
223	Weaving and finishing mills, wool	134.13	135.14	133.47	140.65	(*)	3.37	3.37	3.44	3.49	(*)
224	Narrow fabric mills	122.21	118.95	126.80	128.55	(*)	3.04	3.05	3.21	3.23	(*)
225	Knitting mills	120.90	118.11	121.77	124.03	(*)	3.10	3.10	3.23	3.23	(*)
2251	Women's hosiery, except socks	107.80	106.43	110.40	113.70	—	2.89	2.90	3.00	3.00	—
2252	Hosiery, nec	106.96	103.69	108.49	110.25	—	2.80	2.81	2.94	2.94	—
2253	Knit outerwear mills	119.81	117.62	118.47	121.51	—	3.12	3.12	3.30	3.32	—
2254	Knit underwear mills	105.94	103.21	105.05	108.33	—	2.81	2.82	2.91	2.92	—
226	Textile finishing, except wool	144.28	137.60	150.95	154.57	(*)	3.46	3.44	3.62	3.62	(*)
227	Floor covering mills	140.07	140.54	135.63	140.65	—	3.45	3.47	3.46	3.49	—
228	Yarn and thread mills	122.00	120.12	119.81	120.36	(*)	3.05	3.08	3.12	3.11	(*)
229	Miscellaneous textile goods	144.21	141.45	145.12	150.75	(*)	3.45	3.45	3.61	3.65	(*)
23	APPAREL AND OTHER TEXTILE PRODUCTS	103.70	106.55	108.05	111.23	111.78	2.98	3.01	3.15	3.16	3.14
231	Men's and boys' suits and coats	93.55	130.31	124.80	124.42	(*)	3.64	3.65	3.84	3.84	(*)
232	Men's and boys' furnishings	98.82	97.74	98.77	102.16	(*)	2.70	2.70	2.83	2.83	(*)
2321	Men's and boys' shirts and nightwear	97.26	95.93	95.50	99.28	—	2.65	2.65	2.76	2.75	—
2327	Men's and boys' separate trousers	98.55	99.83	98.38	103.68	—	2.73	2.75	2.86	2.88	—
2328	Men's and boys' work clothing	97.61	95.47	99.44	102.21	—	2.61	2.63	2.77	2.77	—
233	Women's and misses' outerwear	104.54	106.16	105.62	109.22	(*)	3.13	3.15	3.24	3.27	(*)
2331	Women's and misses' blouses and waists	103.32	103.30	104.69	108.92	—	3.03	2.96	3.07	3.13	—
2335	Women's and misses' dresses	100.49	104.33	101.31	104.28	—	3.15	3.21	3.30	3.30	—
2337	Women's and misses' suits and coats	121.09	119.21	122.43	127.76	—	3.52	3.58	3.71	3.78	—
2339	Women's and misses' outerwear, nec	101.31	101.89	104.00	107.40	—	2.87	2.87	2.98	3.00	—
234	Women's and children's undergarments	97.92	95.31	98.21	101.09	(*)	2.72	2.70	2.88	2.88	(*)
2341	Women's and children's underwear	95.76	93.28	94.64	97.09	—	2.66	2.65	2.80	2.79	—
2342	Corsets and allied garments	104.33	102.39	110.49	112.77	—	2.89	2.86	3.13	3.15	—
235	Hats, caps, and millinery	94.34	96.39	101.96	100.96	—	2.65	2.70	2.84	2.82	—
236	Children's outerwear	98.69	98.06	104.02	107.53	(*)	2.78	2.77	2.93	2.93	(*)
2361	Children's dresses and blouses	95.63	95.82	99.91	106.13	—	2.74	2.73	2.93	2.94	—
237,8	Fur goods and miscellaneous apparel	107.81	107.58	115.02	116.32	—	2.97	2.98	3.24	3.24	—
239	Miscellaneous fabricated textile products	126.54	122.80	132.42	135.64	(*)	3.33	3.31	3.55	3.56	(*)
2391,2	Housefurnishings	104.44	100.72	109.21	111.25	—	2.80	2.79	2.92	2.92	—
26	PAPER AND ALLIED PRODUCTS	189.98	191.17	197.40	205.58	209.33	4.47	4.53	4.85	4.93	5.02
261,2,6	Paper and pulp mills	221.66	225.79	228.87	239.80	(*)	4.97	5.04	5.36	5.50	(*)
263	Paperboard mills	224.73	229.56	229.90	242.17	(*)	5.05	5.09	5.50	5.58	(*)
264	Miscellaneous converted paper products	168.49	165.24	174.15	178.45	(*)	4.06	4.08	4.42	4.45	(*)
2643	Bags, except textile bags	162.29	160.00	165.75	171.97	—	3.92	3.98	4.25	4.31	—
265	Paperboard containers and boxes	168.51	168.47	177.01	184.37	(*)	4.12	4.17	4.47	4.53	(*)
2651,2	Folding and setup paperboard boxes	158.37	155.63	164.05	171.50	—	3.92	3.96	4.25	4.32	—
2653	Corrugated and solid fiber boxes	176.75	178.32	186.19	194.68	—	4.29	4.36	4.69	4.76	—
2654	Sanitary food containers	160.79	159.20	173.77	180.13	—	3.98	3.98	4.28	4.33	—

See footnotes at end of table.

C-2. Gross hours and earnings of production or nonsupervisory workers¹
on private nonagricultural payrolls, by industry—Continued

SIC Code	Industry	Average weekly hours					Average overtime hours				
		June 1974	July 1974	May 1975	June 1975 ^P	July 1975 ^P	June 1974	July 1974	May 1975	June 1975 ^P	July 1975 ^P
	NONDURABLE GOODS—Continued										
	FOOD AND KINDRED PRODUCTS—										
	Continued										
202	Dairy products	42.2	42.4	41.7	42.2	42.5	4.6	4.6	4.1	4.2	—
2024	Ice cream and frozen desserts	42.0	41.9	41.4	42.5	—	—	—	—	—	—
2026	Fluid milk	42.4	42.7	42.2	42.3	—	—	—	—	—	—
203	Canned, cured, and frozen foods	38.0	38.7	37.9	37.2	—	3.0	3.7	2.5	2.6	—
2031,6	Canned, cured, and frozen sea foods	37.1	36.8	33.8	34.6	—	—	—	—	—	—
2032,3	Canned food, except sea foods	38.1	39.7	39.2	38.1	—	—	—	—	—	—
2037	Frozen fruits and vegetables	38.0	37.8	38.5	36.7	—	—	—	—	—	—
204	Grain mill products	43.8	45.1	42.8	44.1	44.5	6.3	7.2	5.4	6.3	—
2041	Flour and other grain mill products	45.5	46.1	44.5	44.9	—	—	—	—	—	—
2042	Prepared feeds for animals and fowls	44.1	45.7	42.3	44.4	—	—	—	—	—	—
205	Bakery products	40.3	40.6	39.5	39.7	(*)	3.8	4.2	3.4	3.7	—
2051	Bread, cake, and related products	40.0	40.1	39.2	39.5	—	—	—	—	—	—
2052	Cookies and crackers	41.4	42.5	40.5	40.6	—	—	—	—	—	—
206	Sugar	41.6	42.5	40.2	39.9	—	4.5	4.7	2.8	3.3	—
207	Confectionery and related products	39.7	39.4	39.5	40.1	(*)	2.7	2.2	2.0	2.5	—
2071	Confectionery products	39.2	39.0	39.6	40.0	—	—	—	—	—	—
208	Beverages	41.2	41.4	40.0	41.0	41.7	4.6	4.7	3.4	4.3	—
2082	Malt liquors	43.5	43.6	42.6	43.8	—	—	—	—	—	—
2086	Bottled and canned soft drinks	40.1	41.0	38.7	39.9	—	—	—	—	—	—
209	Miscellaneous foods and kindred products	41.6	41.3	41.3	41.3	(*)	4.6	4.3	4.0	4.0	—
21	TOBACCO MANUFACTURES	37.4	36.8	36.6	39.6	36.1	1.0	2.2	1.4	2.8	—
211	Cigarettes	37.2	37.2	36.9	41.2	—	.8	2.7	1.5	3.6	—
212	Cigars	37.9	37.0	35.4	36.4	—	1.2	.8	.7	.8	—
22	TEXTILE MILL PRODUCTS	40.6	39.9	38.7	39.5	39.5	3.8	3.5	2.7	3.0	—
221	Weaving mills, cotton	42.3	41.9	38.8	39.7	(*)	4.7	5.0	2.8	3.2	—
222	Weaving mills, synthetics	41.2	41.5	38.3	39.5	(*)	4.1	4.2	2.0	2.7	—
223	Weaving and finishing mills, wool	39.8	40.1	38.8	40.3	(*)	3.2	2.7	2.4	3.2	—
224	Narrow fabric mills	40.2	39.0	39.5	39.8	(*)	3.2	2.6	2.6	2.6	—
225	Knitting mills	39.0	38.1	37.7	38.4	(*)	3.0	2.6	2.4	2.6	—
2251	Women's hosiery, except socks	37.3	36.7	36.8	37.9	—	—	—	—	—	—
2252	Hosiery, nec	38.2	36.9	36.9	37.5	—	—	—	—	—	—
2253	Knit outerwear mills	38.4	37.7	35.9	36.6	—	—	—	—	—	—
2254	Knit underwear mills	37.7	36.6	36.1	37.1	—	—	—	—	—	—
226	Textile finishing, except wool	41.7	40.0	41.7	42.7	(*)	4.5	3.2	4.5	4.8	—
227	Floor covering mills	40.6	40.5	39.2	40.3	—	3.7	3.4	2.2	3.1	—
228	Yarn and thread mills	40.0	39.0	38.4	38.7	(*)	3.5	3.2	2.6	2.5	—
229	Miscellaneous textile goods	41.8	41.0	40.2	41.3	(*)	4.0	3.7	3.0	3.4	—
23	APPAREL AND OTHER TEXTILE PRODUCTS	34.8	35.4	34.3	35.2	35.6	1.2	1.0	.8	1.1	—
231	Men's and boys' suits and coats	25.7	35.7	32.5	32.4	(*)	.7	.5	.4	.5	—
232	Men's and boys' furnishings	36.6	36.2	34.9	36.1	(*)	1.2	.9	.7	1.1	—
2321	Men's and boys' shirts and nightwear	36.7	36.2	34.6	36.1	—	1.2	1.3	.7	1.0	—
2327	Men's and boys' separate trousers	36.1	36.3	34.4	36.0	—	1.1	.7	.8	1.1	—
2328	Men's and boys' work clothing	37.4	36.3	35.9	36.9	—	1.3	.8	.7	1.2	—
233	Women's and misses' outerwear	33.4	33.7	32.6	33.4	(*)	.9	.9	.7	1.0	—
2331	Women's and misses' blouses and waists	34.1	34.9	34.1	34.8	—	—	—	—	—	—
2335	Women's and misses' dresses	31.9	32.5	30.7	31.6	—	.7	.8	.5	.8	—
2337	Women's and misses' suits and coats	34.4	33.3	33.0	33.8	—	1.2	1.1	.7	1.2	—
2339	Women's and misses' outerwear, nec	35.3	35.5	34.9	35.8	—	1.2	1.0	.9	1.2	—
234	Women's and children's undergarments	36.0	35.3	34.1	35.1	(*)	1.1	.8	.5	.8	—
2341	Women's and children's underwear	36.0	35.2	33.8	34.8	—	—	—	—	—	—
2342	Corsets and allied garments	36.1	35.8	35.3	35.8	—	—	—	—	—	—
235	Hats, caps, and millinery	35.6	35.7	35.9	35.8	—	1.3	.8	1.1	1.2	—
236	Children's outerwear	35.5	35.4	35.5	36.7	(*)	1.1	1.0	1.0	1.4	—
2361	Children's dresses and blouses	34.9	35.1	34.1	36.1	—	—	—	—	—	—
237,8	Fur goods and miscellaneous apparel	36.3	36.1	35.5	35.9	—	1.1	1.0	1.1	1.0	—
239	Miscellaneous fabricated textile products	38.0	37.1	37.3	38.1	(*)	2.0	1.7	1.5	1.8	—
2391,2	Housefurnishings	37.3	36.1	37.4	38.1	—	—	—	—	—	—
26	PAPER AND ALLIED PRODUCTS	42.5	42.2	40.7	41.7	41.7	4.8	4.9	3.5	3.9	—
261,2,6	Paper and pulp mills	44.6	44.8	42.7	43.6	(*)	6.5	6.7	5.0	5.3	—
263	Paperboard mills	44.5	45.1	41.8	43.4	(*)	7.3	7.4	5.2	6.0	—
264	Miscellaneous converted paper products	41.5	40.5	39.4	40.1	(*)	3.7	3.4	2.2	2.6	—
2643	Bags, except textile bags	41.4	40.2	39.0	39.9	—	—	—	—	—	—
265	Paperboard containers and boxes	40.9	40.4	39.6	40.7	(*)	3.4	3.7	2.6	3.1	—
2651,2	Folding and setup paperboard boxes	40.4	39.3	38.6	39.7	—	—	—	—	—	—
2653	Corrugated and solid fiber boxes	41.2	40.9	39.7	40.9	—	3.6	4.1	2.9	3.4	—
2654	Sanitary food containers	40.4	40.0	40.6	41.6	—	—	—	—	—	—

See footnotes at end of table.

ESTABLISHMENT DATA HOURS AND EARNINGS

90

C-2. Gross hours and earnings of production or nonsupervisory workers¹ on private nonagricultural payrolls, by industry—Continued

SIC Code	Industry	Average weekly earnings					Average hourly earnings				
		June 1974	July 1974	May 1975	June 1975 ^P	July 1975 ^P	June 1974	July 1974	May 1975	June 1975 ^P	July 1975 ^P
	NONDURABLE GOODS—Continued										
27	PRINTING AND PUBLISHING	\$186.62	\$186.38	\$194.88	\$196.51	\$197.45	\$4.95	\$4.97	\$5.31	\$5.34	\$5.38
271	Newspapers	191.10	191.10	200.21	201.14	(*)	5.46	5.46	5.82	5.83	(*)
272	Periodicals	209.88	206.31	201.47	206.36	—	5.30	5.29	5.33	5.36	—
273	Books	165.98	168.48	170.93	169.74	—	4.30	4.32	4.51	4.60	—
275	Commercial printing	190.08	190.12	200.63	201.75	(*)	4.95	4.99	5.35	5.38	(*)
2751	Commercial printing, except lithographic	182.60	180.48	195.23	196.65	—	4.78	4.80	5.22	5.23	—
2752	Commercial printing, lithographic	203.18	205.88	209.63	211.12	—	5.25	5.32	5.59	5.66	—
278	Blankbooks and bookbinding	143.59	142.11	153.78	156.29	(*)	3.72	3.73	4.09	4.07	(*)
274,6,7,9	Other publishing and printing ind.	195.50	194.78	198.81	203.74	(*)	5.00	5.02	5.33	5.39	(*)
28	CHEMICALS AND ALLIED PRODUCTS	200.70	203.42	214.37	218.00	220.59	4.79	4.89	5.28	5.33	5.42
281	Industrial chemicals	229.29	233.49	238.62	242.26	(*)	5.32	5.43	5.82	5.88	(*)
2812	Alkalies and chlorine	239.93	251.78	238.99	244.47	—	5.25	5.38	5.61	5.62	—
2818	Industrial organic chemicals, nec.	243.22	250.99	259.34	260.80	—	5.63	5.81	6.31	6.33	—
2819	Industrial inorganic chemicals, nec.	218.40	218.82	224.87	229.64	—	5.20	5.26	5.58	5.67	—
282	Plastics materials and synthetics	192.19	198.37	211.12	214.02	(*)	4.62	4.78	5.20	5.22	(*)
2821	Plastics materials and resins	216.57	219.65	220.71	226.68	—	4.99	5.12	5.37	5.41	—
2823,4	Synthetic fibers	170.45	181.12	199.39	200.88	—	4.24	4.45	4.96	4.96	—
283	Drugs	190.03	186.41	205.34	205.64	(*)	4.59	4.58	5.07	5.07	(*)
2834	Pharmaceutical preparations	186.30	181.48	199.98	200.07	—	4.50	4.47	4.95	4.94	—
284	Soap, cleaners, and toilet goods	193.73	194.47	206.80	209.68	(*)	4.76	4.79	5.17	5.19	(*)
2841	Soap and other detergents	249.90	258.34	268.86	273.23	—	5.95	6.05	6.51	6.49	—
2844	Toilet preparations	157.21	153.66	166.99	170.71	—	3.96	3.91	4.26	4.30	—
285	Paints and allied products	185.02	182.29	195.91	200.48	201.29	4.48	4.49	4.91	4.95	4.97
287	Agricultural chemicals	175.13	179.76	190.77	192.61	(*)	4.15	4.28	4.51	4.63	(*)
2871,2	Fertilizers, complete and mixing only ..	167.84	173.81	180.20	181.28	—	3.94	4.08	4.26	4.40	—
286,9	Other chemical products	190.03	189.20	200.50	204.83	(*)	4.59	4.66	5.00	5.07	(*)
2892	Explosives	190.28	190.64	201.00	201.50	—	4.71	4.79	5.00	5.05	—
29	PETROLEUM AND COAL PRODUCTS	238.40	242.25	263.30	263.27	266.62	5.57	5.66	6.36	6.39	6.44
291	Petroleum refining	249.57	253.80	278.66	277.57	(*)	5.90	6.00	6.78	6.82	(*)
295,9	Other petroleum and coal products	204.22	206.41	210.80	217.22	(*)	4.61	4.67	4.96	5.04	(*)
30	RUBBER AND PLASTICS PRODUCTS, NEC	162.79	162.81	169.03	171.94	175.43	3.99	4.06	4.29	4.32	4.43
301	Tires and inner tubes	233.70	239.64	231.71	233.65	(*)	5.36	5.56	5.57	5.63	(*)
302,3,6	Other rubber products	156.39	154.05	160.90	165.78	(*)	3.90	3.94	4.19	4.24	(*)
302	Rubber footwear	119.50	120.33	119.13	123.46	—	3.12	3.15	3.30	3.31	—
307	Miscellaneous plastics products	142.71	142.13	150.54	153.26	(*)	3.55	3.58	3.85	3.88	(*)
31	LEATHER AND LEATHER PRODUCTS	114.60	112.20	117.76	123.33	123.52	3.00	3.00	3.20	3.22	3.20
311	Leather tanning and finishing	159.17	152.87	170.37	174.60	165.94	3.93	3.95	4.27	4.29	4.31
314	Footwear, except rubber	110.29	108.38	110.96	117.27	(*)	2.91	2.89	3.04	3.07	(*)
312,3,5-7,9	Other leather products	113.07	109.30	116.44	121.02	(*)	2.96	2.97	3.19	3.21	(*)
316	Luggage	113.65	110.36	116.60	117.81	—	3.08	3.10	3.16	3.21	—
317	Handbags and personal leather goods	113.29	108.17	115.75	121.37	—	2.89	2.90	3.12	3.12	—
—	TRANSPORTATION AND PUBLIC UTILITIES	216.80	221.94	225.79	230.26	232.25	5.34	5.40	5.76	5.80	5.85
4011	RAILROAD TRANSPORTATION: Class I railroads ²	245.10	254.02	248.29	(*)	—	5.70	5.62	5.94	(*)	—
411	LOCAL AND INTERURBAN PASSENGER TRANSIT: Local and suburban transportation	181.69	185.51	196.89	196.66	—	4.41	4.47	4.91	4.88	—
413	Intercity highway transportation	222.71	236.33	231.17	232.86	—	5.74	5.75	6.02	6.08	—
42	TRUCKING AND WAREHOUSING	232.55	235.98	234.63	240.38	—	5.55	5.70	5.94	5.95	—
421,3	Trucking and trucking terminals	238.14	241.36	241.16	246.04	—	5.67	5.83	6.09	6.09	—
422	Public warehousing	163.18	167.28	166.18	170.74	—	3.98	4.07	4.25	4.29	—
46	PIPE LINE TRANSPORTATION	245.43	247.99	282.77	282.58	—	6.06	5.99	6.88	6.96	—
48	COMMUNICATION	194.80	197.07	209.12	212.08	—	4.87	4.89	5.46	5.48	—
481	Telephone communication	193.91	196.66	209.00	212.14	—	4.86	4.88	5.50	5.51	—
4817	Switchboard operating employees ³	138.13	142.27	155.64	156.86	—	3.88	3.93	4.66	4.60	—
4818	Line construction employees ⁴	254.70	254.46	268.39	274.13	—	5.66	5.68	6.33	6.39	—
482	Telegraph communication ⁵	219.01	216.36	235.87	235.87	—	5.29	5.29	5.67	5.67	—
483	Radio and television broadcasting	200.80	202.10	208.79	211.43	—	5.02	5.04	5.34	5.38	—

See footnotes at end of table.

**C-2. Gross hours and earnings of production or nonsupervisory workers¹
on private nonagricultural payrolls, by industry—Continued**

SIC Code	Industry	Average weekly hours					Average overtime hours				
		June 1974	July 1974	May 1975	June, 1975 ^p	July 1975 ^p	June 1974	July 1974	May 1975	June, 1975 ^p	July 1975 ^p
	NONDURABLE GOODS—Continued										
27	PRINTING AND PUBLISHING	37.7	37.5	36.7	36.8	36.7	2.7	2.6	2.0	1.9	—
271	Newspapers	35.0	35.0	34.4	34.5	(*)	2.4	2.2	1.8	1.7	—
272	Periodicals	39.6	39.0	37.8	38.5	—	3.0	2.7	2.5	2.6	—
273	Books	38.6	39.0	37.9	36.9	—	3.3	3.4	2.2	1.5	—
275	Commercial printing	38.4	38.1	37.5	37.5	(*)	2.9	2.7	2.3	2.2	—
2751	Commercial printing, except lithographic	38.2	37.6	37.4	37.6	—	2.7	2.4	2.4	2.1	—
2752	Commercial printing, lithographic	38.7	38.7	37.5	37.3	—	3.2	3.1	2.3	2.3	—
278	Blankbooks and bookbinding	38.6	38.1	37.6	38.4	(*)	2.1	2.0	1.2	1.4	—
274,6,7,9	Other publishing and printing ind	39.1	38.8	37.3	37.8	(*)	3.0	3.0	1.6	1.7	—
28	CHEMICALS AND ALLIED PRODUCTS	41.9	41.6	40.6	40.9	40.7	3.7	3.6	2.4	2.5	—
281	Industrial chemicals	43.1	43.0	41.0	41.2	(*)	4.5	4.4	2.4	2.7	—
2812	Alkalies and chlorine	45.7	46.8	42.6	43.5	—	—	—	—	—	—
2818	Industrial organic chemicals, nec	43.2	43.2	41.1	41.2	—	4.2	4.3	2.1	2.5	—
2819	Industrial inorganic chemicals, nec	42.0	41.6	40.3	40.5	—	4.4	4.1	2.3	2.9	—
282	Plastics materials and synthetics	41.6	41.5	40.6	41.0	(*)	3.6	3.6	1.9	2.3	—
2821	Plastics materials and resins	43.4	42.9	41.1	41.9	—	5.1	5.1	2.5	3.3	—
2823,4	Synthetic fibers	40.2	40.7	40.2	40.5	—	2.4	2.5	1.5	1.8	—
283	Drugs	41.4	40.7	40.5	40.6	(*)	3.2	2.8	2.2	1.9	—
2834	Pharmaceutical preparations	41.4	40.6	40.4	40.5	—	—	—	—	—	—
284	Soap, cleaners, and toilet goods	40.7	40.6	40.0	40.4	(*)	2.7	3.1	2.1	2.3	—
2841	Soap and other detergents	42.0	42.7	41.3	42.1	—	—	—	—	—	—
2844	Toilet preparations	39.7	39.3	39.2	39.7	—	—	—	—	—	—
285	Paints and allied products	41.3	40.6	39.9	40.5	40.5	3.4	2.9	2.4	2.9	—
287	Agricultural chemicals	42.2	42.0	42.3	41.6	(*)	4.8	4.7	4.6	3.8	—
2871,2	Fertilizers, complete and mixing only	42.6	42.6	42.3	41.2	—	—	—	—	—	—
286,9	Other chemical products	41.4	40.6	40.1	40.4	(*)	3.2	2.8	2.2	2.4	—
2892	Explosives	40.4	39.8	40.2	39.9	—	—	—	—	—	—
29	PETROLEUM AND COAL PRODUCTS	42.8	42.8	41.4	41.2	41.4	4.4	4.2	3.0	2.9	—
291	Petroleum refining	42.3	42.3	41.1	40.7	(*)	3.7	3.6	2.5	2.1	—
295,9	Other petroleum and coal products	44.3	44.2	42.5	43.1	(*)	6.5	6.2	4.6	5.7	—
30	RUBBER AND PLASTICS PRODUCTS, NEC	40.8	40.1	39.4	39.8	39.6	3.7	3.5	2.4	2.6	—
301	Tires and inner tubes	43.6	43.1	41.6	41.5	(*)	6.1	5.8	3.8	3.9	—
302,3,6	Other rubber products	40.1	39.1	38.4	39.1	(*)	2.9	2.5	1.7	2.0	—
302	Rubber footwear	38.3	38.2	36.1	37.3	—	1.7	1.5	1.1	1.1	—
307	Miscellaneous plastics products	40.2	39.7	39.1	39.5	(*)	3.4	3.2	2.2	2.5	—
31	LEATHER AND LEATHER PRODUCTS	38.2	37.4	36.8	38.3	38.6	2.3	1.8	1.4	2.1	—
311	Leather tanning and finishing	40.5	38.7	39.9	40.7	38.5	3.8	3.0	3.4	3.8	—
314	Footwear, except rubber	37.9	37.5	36.5	38.2	(*)	2.1	1.7	1.2	2.0	—
312,3,5-7,9	Other leather products	38.2	36.8	36.5	37.7	(*)	2.3	1.7	1.3	1.8	—
316	Luggage	36.9	35.6	36.9	36.7	—	1.6	1.4	1.4	1.2	—
317	Handbags and personal leather goods	39.2	37.3	37.1	38.9	—	2.5	1.9	1.6	2.5	—
—	TRANSPORTATION AND PUBLIC UTILITIES	40.6	41.1	39.2	39.7	39.7	—	—	—	—	—
4011	RAILROAD TRANSPORTATION: Class I railroads ²	43.0	45.2	41.8	(*)	—	—	—	—	—	—
411	LOCAL AND INTERURBAN PASSENGER TRANSIT: Local and suburban transportation	41.2	41.5	40.1	40.3	—	—	—	—	—	—
413	Intercity highway transportation	38.8	41.1	38.4	38.3	—	—	—	—	—	—
42	TRUCKING AND WAREHOUSING	41.9	41.4	39.5	40.4	—	—	—	—	—	—
421,3	Trucking and trucking terminals	42.0	41.4	39.6	40.4	—	—	—	—	—	—
422	Public warehousing	41.0	41.1	39.1	39.8	—	—	—	—	—	—
46	PIPE LINE TRANSPORTATION	40.5	41.4	41.1	40.6	—	—	—	—	—	—
48	COMMUNICATION	40.0	40.3	38.3	38.7	—	—	—	—	—	—
481	Telephone communication	39.9	40.3	38.0	38.5	—	—	—	—	—	—
4817	Switchboard operating employees ³	35.6	36.2	35.4	34.1	—	—	—	—	—	—
4818	Line construction employees ⁴	45.0	44.8	42.4	42.9	—	—	—	—	—	—
482	Telegraph communication ⁵	41.4	40.9	41.6	41.6	—	—	—	—	—	—
483	Radio and television broadcasting	40.0	40.1	39.1	39.3	—	—	—	—	—	—

See footnotes at end of table.

ESTABLISHMENT DATA HOURS AND EARNINGS

92

C-2. Gross hours and earnings of production or nonsupervisory workers¹ on private nonagricultural payrolls, by industry—Continued

SIC Code	Industry	Average weekly earnings					Average hourly earnings				
		June 1974	July 1974	May 1975	June 1975 ^P	July 1975 ^P	June 1974	July 1974	May 1975	June 1975 ^P	July 1975 ^P
—	TRANSPORTATION AND PUBLIC UTILITIES—Continued										
49	ELECTRIC, GAS, AND SANITARY SERVICES	\$223.58	\$228.38	\$241.72	\$244.13	—	\$5.44	\$5.49	\$5.91	\$5.94	—
491	Electric companies and systems	231.99	234.22	245.62	250.08	—	5.55	5.59	6.02	6.07	—
492	Gas companies and systems	205.22	206.23	217.95	221.75	—	5.03	5.03	5.49	5.53	—
493	Combination companies and systems	238.00	250.43	267.30	268.36	—	5.95	6.02	6.41	6.42	—
494-7	Water, steam, and sanitary systems	186.50	186.30	200.03	200.23	—	4.43	4.50	4.82	4.86	—
—	WHOLESALE AND RETAIL TRADE	119.72	121.80	124.99	127.57	\$129.40	3.47	3.48	3.72	3.73	\$3.74
50	WHOLESALE TRADE	174.78	176.01	185.96	188.08	188.37	4.47	4.49	4.83	4.86	4.88
501	Motor vehicles and automotive equipment	167.11	167.14	169.56	172.09	—	4.22	4.21	4.37	4.39	—
502	Drugs, chemicals, and allied products	175.10	174.12	186.37	190.63	—	4.62	4.57	5.01	5.07	—
503	Dry goods and apparel	157.38	155.23	155.14	158.56	—	4.30	4.30	4.37	4.38	—
504	Groceries and related products	165.06	170.00	179.96	182.67	—	4.20	4.25	4.65	4.66	—
506	Electrical goods	178.30	174.84	201.60	204.72	—	4.37	4.36	5.04	5.08	—
507	Hardware, plumbing and heating equipment	163.31	162.78	173.74	175.80	—	4.22	4.25	4.56	4.59	—
508	Machinery, equipment, and supplies	190.32	191.20	205.77	206.44	—	4.77	4.78	5.17	5.20	—
509	Miscellaneous wholesalers	176.64	178.33	183.86	186.12	—	4.60	4.62	4.89	4.95	—
52-59	RETAIL TRADE	102.61	104.81	106.25	109.22	111.22	3.10	3.11	3.31	3.33	3.33
53	Retail general merchandise	93.29	96.04	98.85	101.09	—	2.99	3.02	3.22	3.24	—
531	Department stores	96.41	99.86	101.84	104.47	—	3.11	3.16	3.35	3.37	—
532	Mail order houses	116.87	119.63	132.11	132.68	—	3.71	3.75	4.09	4.07	—
533	Variety stores	70.96	73.20	77.78	80.48	—	2.43	2.44	2.61	2.63	—
54	Food stores	118.77	121.63	125.05	129.03	—	3.61	3.62	3.92	3.91	—
541-3	Grocery, meat, and vegetable stores	122.18	125.80	128.40	132.87	—	3.68	3.70	4.00	3.99	—
56	Apparel and accessory stores	87.33	88.96	89.40	92.11	—	2.79	2.78	3.00	3.02	—
561	Men's and boys' clothing and furnishings	108.84	111.53	114.28	119.72	—	3.22	3.29	3.56	3.65	—
562	Women's ready-to-wear stores	77.70	80.03	79.15	80.24	—	2.59	2.59	2.72	2.72	—
565	Family clothing stores	84.99	86.69	86.98	90.09	—	2.56	2.58	2.88	2.86	—
566	Shoe stores	88.48	88.30	88.23	91.12	—	2.92	2.83	3.14	3.11	—
57	Furniture and home furnishings stores	136.16	138.38	142.35	145.76	—	3.71	3.75	3.90	3.95	—
571	Furniture and home furnishings	138.75	139.13	144.62	147.31	—	3.74	3.75	3.93	3.96	—
58	Eating and drinking places ⁶	69.20	71.07	71.21	73.00	—	2.33	2.33	2.49	2.50	—
52,55,59	Other retail trade	130.13	131.51	133.96	136.53	—	3.47	3.47	3.67	3.69	—
52	Building materials and farm equipment	140.49	141.65	146.66	148.54	—	3.53	3.55	3.78	3.77	—
551,2	Motor vehicle dealers	173.60	173.17	177.30	183.54	—	4.34	4.34	4.50	4.60	—
553,9	Other automotive and accessory dealers	142.36	145.20	146.83	150.29	—	3.55	3.55	3.68	3.72	—
591	Drug stores and proprietary stores	92.61	94.42	96.62	99.50	—	2.94	2.96	3.21	3.22	—
594	Book and stationery stores	108.88	111.49	115.91	115.87	—	3.25	3.26	3.46	3.49	—
598	Fuel and ice dealers	155.61	159.19	109.46	169.60	—	3.99	4.03	4.29	4.24	—
—	FINANCE, INSURANCE, AND REAL ESTATE⁷	140.21	139.84	148.83	151.48	148.32	3.81	3.80	4.10	4.15	4.12
60	Banking	121.15	120.82	127.43	129.93	—	3.31	3.31	3.53	3.55	—
61	Credit agencies other than banks	132.17	131.03	135.05	138.38	—	3.46	2.43	3.65	3.73	—
612	Savings and loan associations	127.67	128.04	132.49	137.27	—	3.46	3.47	3.62	3.71	—
62	Security, commodity brokers and services	204.05	205.90	267.14	271.70	—	5.56	5.58	7.03	7.15	—
63	Insurance carriers	148.27	149.85	157.56	159.41	—	4.04	4.05	4.27	4.32	—
631	Life insurance	147.55	149.19	157.62	157.44	—	4.11	4.11	4.26	4.29	—
632	Accident and health insurance	143.93	144.34	142.52	146.65	—	3.89	3.88	3.97	4.04	—
633	Fire, marine, and casualty insurance	150.72	151.50	161.82	165.31	—	4.03	4.04	4.35	4.42	—

See footnotes at end of table.

**C-2. Gross hours and earnings of production or nonsupervisory workers ¹
on private nonagricultural payrolls, by industry—Continued**

SIC Code	Industry	Average weekly hours					Average overtime hours				
		June 1974	July 1974	May 1975	June 1975 ^P	July 1975 ^P	June 1974	July 1974	May 1975	June 1975 ^P	July 1975 ^P
—	TRANSPORTATION AND PUBLIC UTILITIES—Continued										
49	ELECTRIC, GAS, AND SANITARY SERVICES										
	Electric companies and systems	41.1	41.6	40.9	41.1	—	—	—	—	—	—
491	Gas companies and systems	41.8	41.9	40.8	41.2	—	—	—	—	—	—
492	Combination companies and systems	40.8	41.0	39.7	40.1	—	—	—	—	—	—
493	Water, steam, and sanitary systems	40.0	41.6	41.7	41.8	—	—	—	—	—	—
494-7		42.1	41.4	41.5	41.2	—	—	—	—	—	—
—	WHOLESALE AND RETAIL TRADE	34.5	35.0	33.6	34.2	34.6	—	—	—	—	—
50	WHOLESALE TRADE	39.1	39.2	38.5	38.7	38.6	—	—	—	—	—
501	Motor vehicles and automotive equipment ..	39.6	39.7	38.8	39.2	—	—	—	—	—	—
502	Drugs, chemicals, and allied products	37.9	38.1	37.2	37.6	—	—	—	—	—	—
503	Dry goods and apparel	36.6	36.1	35.5	36.2	—	—	—	—	—	—
504	Groceries and related products	39.3	40.0	38.7	39.2	—	—	—	—	—	—
506	Electrical goods	40.8	40.1	40.0	40.3	—	—	—	—	—	—
507	Hardware; plumbing and heating equipment ..	38.7	38.3	38.1	38.3	—	—	—	—	—	—
508	Machinery, equipment, and supplies	39.9	40.0	39.8	39.7	—	—	—	—	—	—
509	Miscellaneous wholesalers	38.4	38.6	37.6	37.6	—	—	—	—	—	—
52-59	RETAIL TRADE	33.1	33.7	32.1	32.8	33.4	—	—	—	—	—
53	Retail general merchandise	31.2	31.8	30.7	31.2	—	—	—	—	—	—
531	Department stores	31.0	31.6	30.4	31.0	—	—	—	—	—	—
532	Mail order houses	31.5	31.9	32.3	32.6	—	—	—	—	—	—
533	Variety stores	29.2	30.0	29.8	30.6	—	—	—	—	—	—
54	Food stores	32.9	33.6	31.9	33.0	—	—	—	—	—	—
541-3	Grocery, meat, and vegetable stores	33.2	34.0	32.1	33.3	—	—	—	—	—	—
56	Apparel and accessory stores	31.3	32.0	29.8	30.5	—	—	—	—	—	—
561	Men's and boys' clothing and furnishings ..	33.8	33.9	32.1	32.8	—	—	—	—	—	—
562	Women's ready-to-wear stores	30.0	30.9	29.1	29.5	—	—	—	—	—	—
565	Family clothing stores	33.2	33.6	30.2	31.5	—	—	—	—	—	—
566	Shoe stores	30.3	31.2	28.1	29.3	—	—	—	—	—	—
57	Furniture and home furnishings stores	36.7	36.9	36.5	36.9	—	—	—	—	—	—
571	Furniture and home furnishings	37.1	37.1	36.8	37.2	—	—	—	—	—	—
58	Eating and drinking places ⁶	29.7	30.5	28.6	29.2	—	—	—	—	—	—
52,55,59	Other retail trade	37.5	37.9	36.5	37.0	—	—	—	—	—	—
52	Building materials and farm equipment	39.8	39.9	38.8	39.4	—	—	—	—	—	—
551,2	Motor vehicle dealers	40.0	39.9	39.4	39.9	—	—	—	—	—	—
553,9	Other automotive and accessory dealers	40.1	40.9	39.9	40.4	—	—	—	—	—	—
591	Drug stores and proprietary stores	31.5	31.9	30.1	30.9	—	—	—	—	—	—
594	Book and stationery stores	33.5	34.2	33.5	33.2	—	—	—	—	—	—
598	Fuel and ice dealers	39.0	39.5	39.5	40.0	—	—	—	—	—	—
—	FINANCE, INSURANCE, AND REAL ESTATE⁷	36.8	36.8	36.3	36.5	36.0	—	—	—	—	—
60	Banking	36.6	36.5	36.1	36.6	—	—	—	—	—	—
61	Credit agencies other than banks	38.2	38.2	37.0	37.1	—	—	—	—	—	—
612	Savings and loan associations	36.9	36.9	36.6	37.0	—	—	—	—	—	—
62	Security, commodity brokers and services ..	36.7	36.9	38.0	38.0	—	—	—	—	—	—
63	Insurance carriers	36.7	37.0	36.9	36.9	—	—	—	—	—	—
631	Life insurance	35.9	36.3	37.0	36.7	—	—	—	—	—	—
632	Accident and health insurance	37.0	37.2	35.9	36.3	—	—	—	—	—	—
633	Fire, marine, and casualty insurance	37.4	37.5	37.2	37.4	—	—	—	—	—	—

See footnotes at end of table.

ESTABLISHMENT DATA HOURS AND EARNINGS

94

C-2. Gross hours and earnings of production or nonsupervisory workers ¹ on private nonagricultural payrolls, by industry—Continued

SIC Code	Industry	Average weekly earnings					Average hourly earnings				
		June 1974	July 1974	May 1975	June 1975 ^p	July 1975 ^p	June 1974	July 1974	May 1975	June 1975 ^p	July 1975 ^p
—	SERVICES	\$128.28	\$128.71	\$134.13	\$136.40	\$136.57	\$3.74	\$3.72	\$3.98	\$4.00	\$3.97
	Hotels and other lodging places:										
	Hotels, tourist courts, and motels ⁶	86.26	86.25	88.72	89.47	—	2.63	2.59	2.79	2.77	—
701	Personal services:										
	Laundries and dry cleaning plants	100.32	101.31	106.55	106.91	—	2.81	2.83	3.01	3.02	—
721	Photographic studios	107.61	105.40	104.28	103.35	—	3.11	3.10	3.16	3.18	—
722	Motion pictures:										
	Motion picture filming and distributing	250.73	259.85	246.62	249.56	—	6.38	6.48	6.49	6.55	—
781	Hospitals	118.32	121.80	126.85	128.66	—	3.40	3.47	3.72	3.74	—
806											

¹ For coverage of series, see footnote 1, table B-2.

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

³ 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.

⁴ 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.

⁵ Data relate to nonsupervisory employees except messengers.

⁶ Money payments only; tips, not included.

⁷ Data for nonoffice salesmen excluded from all series in this division.

* Not available.

** Aircraft engines and engine parts (sic 3722) average hourly earnings for April 1975 corrected from \$5.47 to \$5.74.

p = preliminary.

**C-2. Gross hours and earnings of production or nonsupervisory workers¹
on private nonagricultural payrolls, by industry—Continued**

SIC Code	Industry	Average weekly hours					Average overtime hours				
		June 1974	July 1974	May 1975	June 1975 ^p	July 1975 ^p	June 1974	July 1974	May 1975	June 1975 ^p	July 1975 ^p
—	SERVICES	34.3	34.6	33.7	34.1	34.4	—	—	—	—	—
701	Hotels and other lodging places: Hotels, tourist courts, and motels ^b	32.8	33.3	31.8	32.3	—	—	—	—	—	—
721	Personal services: Laundries and dry cleaning plants	35.7	35.8	35.4	35.4	—	—	—	—	—	—
722	Photographic studios	34.6	34.0	33.0	32.5	—	—	—	—	—	—
781	Motion pictures: Motion picture filming and distributing	39.3	40.1	38.0	38.1	—	—	—	—	—	—
806	Hospitals	34.8	35.1	34.1	34.4	—	—	—	—	—	—

¹ 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 shown below include these payments as well as an additional 17 cents delayed payment for employees in a number of companies which had been pending as a consequence of litigation.

These payments were due under labor-management contracts the last of which expired in November 1973.

Average hourly earnings September 1971–November 1973 (revised to March 1973 benchmarks)

Year	Annual average	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
SIC 372													
1971	\$4.36	—	—	—	—	—	—	—	—	\$4.42	\$4.46	\$4.51	\$4.62
1972	4.74 ^r	\$4.60	\$4.60 ^r	\$4.64	\$4.70	\$4.71	\$4.72	\$4.71	\$4.79	4.80	4.83	4.87	4.93
1973	5.01	4.90	4.91	4.92	4.92	4.94	4.96	4.98	5.06	5.06	5.12	5.15	—
SIC 3721													
1971	4.42	—	—	—	—	—	—	—	—	4.51	4.56	4.63	4.73
1972	4.85	4.72	4.68	4.74	4.83	4.82	4.83	4.79	4.89	4.90	4.94	4.99	5.04
1973	5.13	5.00	5.04	5.05	5.03	5.08	—	—	—	—	—	—	—
SIC 3722													
1971	4.38	—	—	—	—	—	—	—	—	4.38	4.43	4.48	4.64
1972	4.76	4.61	4.64	4.65	4.66	4.70	4.71	4.77	4.82	4.83	4.85	4.87	5.01
1973	5.06	4.95	4.95	4.96	—	—	—	—	—	—	—	—	—
SIC 3723, 9													
1971	4.17	—	—	—	—	—	—	—	—	4.24	4.24	4.24	4.33
1972	4.44	4.28	4.33	4.38	4.40	4.45	4.46	4.45	4.47	4.50	4.50	4.54	4.56
1973	4.67	4.56	4.53	4.58	4.60	4.58	4.63	4.67	4.69	4.73	4.77	4.83	—

^r = Revised to correct a computational error.

ESTABLISHMENT DATA HOURS AND EARNINGS

96

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	1974												1975
	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.
Executive Branch													
Total employment	2,616.5	2,638.7	2,647.1	2,664.1	2,677.3	2,710.4	2,737.8	2,713.7	2,680.8	2,673.1	2,676.5	2,711.0	2,663.9
Average weekly hours	(*)	39.3	39.6	39.5	39.2	39.3	(*)	(*)	39.5	39.6	(*)	40.8	(*)
Average overtime hours	(*)	1.0	1.2	1.0	1.0	1.1	(*)	(*)	1.1	1.2	(*)	2.4	(*)
Indexes (1967=100):													
Average weekly earnings	(*)	167.7	168.4	170.2	169.1	171.7	(*)	(*)	172.3	173.6	(*)	190.3	(*)
Average hourly earnings	(*)	168.1	167.6	169.7	170.0	172.2	(*)	(*)	171.9	172.7	(*)	183.8	(*)
Department of Defense													
Total employment	946.2	950.2	953.3	958.2	966.4	988.4	990.3	977.8	962.9	959.7	960.0	957.8	953.1
Average weekly hours	(*)	39.8	40.0	40.0	39.9	39.9	(*)	(*)	39.9	40.1	(*)	40.1	(*)
Average overtime hours	(*)	.7	.9	.7	.8	.9	(*)	(*)	.8	.8	(*)	.8	(*)
Indexes (1967=100):													
Average weekly earnings	(*)	164.7	164.2	170.4	166.5	172.9	(*)	(*)	164.8	167.0	(*)	175.7	(*)
Average hourly earnings	(*)	166.8	165.4	171.7	168.1	174.7	(*)	(*)	166.5	167.8	(*)	176.6	(*)
Postal service													
Total employment	704.5	704.2	702.0	702.7	701.7	704.4	703.9	701.8	697.0	695.7	700.7	740.5	697.4
Average weekly hours	(*)	39.4	39.7	39.4	38.8	38.8	(*)	(*)	39.8	40.6	(*)	45.1	(*)
Average overtime hours	(*)	1.3	1.6	1.4	.9	.9	(*)	(*)	1.4	1.9	(*)	6.7	(*)
Indexes (1967=100):													
Average weekly earnings	(*)	180.5	182.8	181.1	183.6	183.3	(*)	(*)	195.8	201.1	(*)	243.6	(*)
Average hourly earnings	(*)	176.8	177.7	177.4	182.6	182.3	(*)	(*)	189.9	191.2	(*)	208.5	(*)
Other agencies													
Total employment	965.8	984.3	991.8	1,003.2	1,009.2	1,017.6	1,043.6	1,034.1	1,020.9	1,017.7	1,015.8	1,012.7	1,013.4
Average weekly hours	(*)	38.9	39.1	39.0	38.8	39.0	(*)	(*)	38.9	38.5	(*)	38.5	(*)
Average overtime hours	(*)	1.1	1.1	1.1	1.2	1.4	(*)	(*)	1.3	1.1	(*)	.8	(*)
Indexes (1967=100):													
Average weekly earnings	(*)	164.5	164.9	164.5	164.1	164.0	(*)	(*)	166.3	164.8	(*)	174.1	(*)
Average hourly earnings	(*)	164.1	163.6	163.6	164.1	163.1	(*)	(*)	165.8	166.1	(*)	175.5	(*)

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.

* Not available.

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

Major industry group	Average hourly earnings excluding overtime ¹				
	June 1974	July 1974	May 1975	June 1975P	July 1975P
MANUFACTURING	\$ 4.20	\$ 4.24	\$ 4.60	\$ 4.61	\$ 4.64
DURABLE GOODS	4.46	4.49	4.91	4.94	4.96
Ordinance and accessories	4.48	4.53	5.01	5.04	-
Lumber and wood products	3.76	3.77	4.01	4.07	-
Furniture and fixtures	3.38	3.39	3.63	3.63	-
Stone, clay, and glass products	4.29	4.31	4.62	4.64	-
Primary metal industries	5.34	5.39	5.86	5.87	-
Fabricated metal products	4.37	4.41	4.84	4.89	-
Machinery, except electrical	4.64	4.67	5.11	5.14	-
Electrical equipment and supplies	4.02	4.06	4.43	4.48	-
Transportation equipment	5.20	5.19	5.71	5.76	-
Instruments and related products	4.01	4.08	4.41	4.43	-
Miscellaneous manufacturing industries	3.39	3.40	3.68	3.69	-
NONDURABLE GOODS	3.81	3.86	4.16	4.17	4.20
Food and kindred products	3.93	3.96	4.32	4.33	-
Tobacco manufactures	4.22	4.24	4.70	4.74	-
Textile mill products	3.10	3.11	3.22	3.22	-
Apparel and other textile products	2.93	2.97	3.11	3.11	-
Paper and allied products	4.23	4.28	4.65	4.71	-
Printing and publishing	(²)	(²)	(²)	(²)	-
Chemicals and allied products	4.59	4.68	5.13	5.17	-
Petroleum and coal products	5.29	5.39	6.14	6.17	-
Rubber and plastics products, nec	3.81	3.89	4.17	4.18	-
Leather and leather products	2.92	2.93	3.14	3.13	-

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

p = preliminary.

² 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.

**ESTABLISHMENT DATA
HOURS AND EARNINGS**

**C-5. Gross and spendable average weekly earnings of production or nonsupervisory workers ¹
on private nonagricultural payrolls, by industry division, in current and 1967 dollars**

Industry	Gross average weekly earnings			Spendable average weekly earnings					
				Worker with no dependents			Worker with three dependents		
	June 1974	May 1975	June p 1975	June 1974	May 1975	June p 1975	June 1974	May 1975	June p 1975
TOTAL PRIVATE:									
Current dollars	\$ 155.77	\$ 160.47	\$ 163.35	\$ 125.07	\$ 131.32	\$ 133.35	\$ 135.39	\$ 145.44	\$ 147.69
1967 dollars	106.04	100.73	101.71	85.14	82.44	83.03	92.16	91.30	91.96
MINING:									
Current dollars	226.37	247.08	248.36	176.51	193.43	194.35	190.23	210.57	211.57
1967 dollars	154.10	155.10	154.65	120.16	121.42	121.01	129.50	132.18	131.74
CONTRACT CONSTRUCTION:									
Current dollars	250.04	262.73	260.99	193.66	204.76	203.48	208.66	222.67	221.32
1967 dollars	170.21	164.93	162.51	131.83	128.54	126.70	142.04	139.78	137.81
MANUFACTURING:									
Current dollars	176.95	184.47	187.54	140.30	147.85	149.94	151.68	163.55	165.81
1967 dollars	120.46	115.80	116.77	95.51	92.81	93.36	103.25	102.67	103.24
TRANSPORTATION AND PUBLIC UTILITIES:									
Current dollars	216.80	225.79	230.26	169.54	177.82	181.09	182.76	194.01	197.40
1967 dollars	147.58	141.74	143.37	115.41	111.63	112.76	124.41	121.79	122.91
WHOLESALE AND RETAIL TRADE:									
Current dollars	119.72	124.99	127.57	98.74	105.28	107.17	107.36	117.68	120.11
1967 dollars	81.50	78.46	79.43	67.22	66.09	66.73	73.08	73.87	74.79
FINANCE, INSURANCE, AND REAL ESTATE:									
Current dollars	140.21	148.83	151.48	113.72	122.72	124.66	123.37	137.14	138.83
1967 dollars	95.45	93.43	94.32	77.41	77.04	77.62	83.98	86.09	86.44
SERVICES:									
Current dollars	128.28	134.13	136.40	105.00	111.97	113.63	114.05	126.28	128.42
1967 dollars	87.32	84.20	84.93	71.48	70.29	70.75	77.64	79.27	79.96
CONSUMER PRICE INDEX (All items, 1967 = 100)	146.9	159.3	160.6	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.					

¹For coverage of series, see footnote 1, table B-2.

p = preliminary (applicable to earnings data only).

ESTABLISHMENT DATA HOURS AND EARNINGS

98

C-6. Indexes of aggregate weekly man-hours and payrolls of production or nonsupervisory workers¹ on private nonagricultural payrolls, by industry division and major manufacturing group

[1967 = 100]

Industry division and group	June 1974	July 1974	May 1975	June 1975 P	July 1975 P
	Man-hours				
TOTAL	115.8	115.4	105.4	107.7	107.5
GOODS-PRODUCING	107.4	104.9	88.8	91.0	89.7
MINING	114.2	113.1	115.0	117.3	115.5
CONTRACT CONSTRUCTION	127.0	127.9	100.1	102.4	105.7
MANUFACTURING	103.7	100.6	85.9	88.1	86.0
DURABLE GOODS	105.2	101.4	85.1	86.4	83.3
Ordnance and accessories	47.9	47.3	46.8	47.2	46.0
Lumber and wood products	112.1	107.6	86.4	92.0	92.2
Furniture and fixtures	117.0	110.2	87.8	90.6	85.6
Stone, clay, and glass products	114.6	113.7	93.2	95.7	94.3
Primary metal industries	105.0	102.1	82.3	82.1	77.9
Fabricated metal products	110.0	106.0	87.6	89.3	85.5
Machinery, except electrical	109.3	104.7	91.9	91.2	86.0
Electrical equipment and supplies	106.2	102.2	81.1	82.2	80.1
Transportation equipment	92.3	88.6	79.8	81.4	79.9
Instruments and related products	117.1	113.1	98.5	99.9	97.0
Miscellaneous manufacturing	105.7	100.7	85.6	88.5	84.5
NONDURABLE GOODS	101.6	99.4	87.2	90.6	89.9
Food and kindred products	96.8	99.5	88.3	92.8	96.9
Tobacco manufactures	76.4	75.6	70.3	76.8	72.2
Textile mill products	105.4	99.6	86.5	90.3	88.4
Apparel and other textile products	92.4	89.0	79.3	82.9	80.7
Paper and allied products	105.3	103.0	85.3	89.3	88.5
Printing and publishing	99.9	98.5	91.0	91.1	89.5
Chemicals and allied products	106.2	105.0	93.4	95.0	93.7
Petroleum and coal products	111.9	112.6	102.2	105.7	108.0
Rubber and plastics products, nec	136.5	131.1	105.4	109.1	107.0
Leather and leather products	83.7	77.7	69.6	75.2	69.0
SERVICE-PRODUCING	121.6	122.7	116.9	119.3	119.9
TRANSPORTATION AND PUBLIC UTILITIES	111.1	111.9	100.4	102.6	102.3
WHOLESALE AND RETAIL TRADE	118.1	119.4	112.4	115.4	116.5
WHOLESALE TRADE	117.0	117.5	111.1	112.7	113.2
RETAIL TRADE	118.6	120.1	112.9	116.3	117.7
FINANCE, INSURANCE, AND REAL ESTATE	125.3	126.0	120.8	122.8	121.7
SERVICES	130.1	131.1	129.4	131.3	132.1

¹ For coverage of series, see footnote 1, table B-2.

p = preliminary.

**C-6. Indexes of aggregate weekly man-hours and payrolls of production or nonsupervisory workers¹
on private nonagricultural payrolls, by industry division and major manufacturing group—Continued**

(1967 = 100)

Industry division and group	June 1974	July 1974	May 1975	June 1975 ^P	July 1975 ^P
	Payrolls				
TOTAL	182.0	181.9	176.0	180.9	181.1
GOODS-PRODUCING	170.4	167.9	151.6	156.2	155.7
MINING	185.7	185.1	209.3	214.3	211.5
CONTRACT CONSTRUCTION	205.1	207.8	173.2	178.7	187.2
MANUFACTURING	160.9	157.1	143.8	148.3	145.5
DURABLE GOODS	163.3	158.0	142.9	146.2	141.6
Ordnance and accessories	70.5	69.9	76.0	76.9	75.0
Lumber and wood products	187.1	180.1	152.1	164.7	166.2
Furniture and fixtures	175.8	165.4	139.4	144.3	136.3
Stone, clay, and glass products	184.3	183.7	159.5	164.8	164.2
Primary metal industries	176.2	172.8	148.6	149.1	141.2
Fabricated metal products	169.0	163.5	146.4	150.7	145.1
Machinery, except electrical	167.6	160.4	152.0	151.5	143.1
Electrical equipment and supplies	158.9	153.6	132.0	135.6	132.8
Transportation equipment	145.4	140.0	136.0	140.8	139.2
Instruments and related products	170.0	166.6	155.6	158.6	155.7
Miscellaneous manufacturing	157.2	149.6	136.6	142.0	135.8
NONDURABLE GOODS	156.7	155.5	145.5	151.8	152.0
Food and kindred products	152.0	157.6	150.8	159.3	166.6
Tobacco manufactures	144.2	145.6	148.4	165.9	150.7
Textile mill products	166.2	157.5	140.0	146.5	143.5
Apparel and other textile products	135.9	131.9	123.2	129.0	124.7
Paper and allied products	164.0	162.3	144.2	153.3	154.7
Printing and publishing	150.8	149.3	147.4	148.3	147.0
Chemicals and allied products	163.9	165.4	159.0	163.2	163.6
Petroleum and coal products	174.2	178.1	181.6	188.8	194.5
Rubber and plastics products, nec	198.2	193.8	164.7	171.6	172.8
Leather and leather products	121.7	112.6	107.7	117.1	106.8
SERVICE-PRODUCING	192.1	193.9	197.0	202.1	202.9
TRANSPORTATION AND PUBLIC UTILITIES	183.3	186.9	178.8	183.8	185.0
WHOLESALE AND RETAIL TRADE	182.6	185.0	186.4	191.9	194.0
WHOLESALE TRADE	181.6	183.3	186.5	190.4	192.1
RETAIL TRADE	183.1	185.9	186.3	192.7	195.1
FINANCE, INSURANCE, AND REAL ESTATE	184.7	185.2	191.9	197.3	194.3
SERVICES	212.8	213.3	224.7	229.3	229.2

¹For coverage of series, see footnote 1, table B-2.

p = preliminary.

ESTABLISHMENT DATA SEASONALLY ADJUSTED HOURS

100

C-7. Average weekly hours of production or nonsupervisory workers¹ on private nonagricultural payrolls, by industry division and major manufacturing group, seasonally adjusted

Industry	1974						1975						
	July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June ^P	July ^P
TOTAL	36.7	36.7	36.7	36.6	36.2	36.4	36.2	36.0	35.9	36.0	36.0	36.0	36.1
MINING	43.0	42.9	43.4	43.4	36.4	41.0	42.4	42.5	41.8	41.2	42.6	42.2	42.0
CONTRACT CONSTRUCTION	36.9	36.4	36.5	37.2	37.1	37.5	37.1	36.6	34.9	36.7	36.9	35.7	36.4
MANUFACTURING	40.2	40.2	40.0	40.1	39.5	39.4	39.2	38.8	38.8	39.1	39.0	39.1	39.5
<i>Overtime hours</i>	3.4	3.4	3.3	3.2	2.8	2.7	2.3	2.3	2.3	2.3	2.4	2.4	2.6
DURABLE GOODS	40.7	40.9	40.8	40.7	40.2	40.2	40.0	39.6	39.4	39.7	39.4	39.6	39.9
<i>Overtime hours</i>	3.5	3.6	3.5	3.4	3.0	2.8	2.5	2.4	2.3	2.4	2.2	2.3	2.5
Ordnance and accessories	41.7	41.3	41.5	41.4	41.9	41.8	42.1	41.2	41.2	41.3	41.1	41.6	41.3
Lumber and wood products	39.9	39.9	39.2	38.9	38.5	38.1	37.9	38.6	37.8	38.8	38.9	39.2	39.5
Furniture and fixtures	39.4	38.9	38.8	38.6	37.7	37.3	36.4	36.3	36.5	37.2	37.5	37.7	37.5
Stone, clay, and glass products	41.4	41.3	41.3	41.4	41.2	41.0	40.9	40.2	39.6	40.3	40.2	40.3	40.7
Primary metal industries	41.6	41.8	42.1	42.2	41.7	41.1	40.5	40.2	39.9	39.6	39.3	39.6	39.9
Fabricated metal products	40.8	41.0	41.2	41.0	40.4	40.6	40.4	39.7	39.8	39.7	39.4	39.5	39.6
Machinery, except electrical	42.2	42.7	42.7	42.4	42.3	42.1	41.8	41.2	40.8	40.9	40.4	40.3	40.4
Electrical equipment and supplies	39.9	39.6	39.8	39.7	39.4	39.5	39.4	39.0	39.2	39.4	39.1	39.4	39.6
Transportation equipment	40.1	40.7	40.2	40.6	39.5	39.5	39.5	39.1	39.0	40.4	39.5	39.7	40.5
Instruments and related products	40.1	40.4	40.1	39.9	39.9	39.8	39.5	38.9	39.0	39.1	39.2	39.4	39.4
Miscellaneous manufacturing industries	38.9	38.7	38.6	38.4	38.0	38.1	38.1	37.6	37.7	38.2	38.2	38.6	38.2
NONDURABLE GOODS	39.2	39.2	39.0	39.0	38.4	38.2	38.0	37.7	37.9	38.0	38.3	38.7	38.8
<i>Overtime hours</i>	3.2	3.1	3.0	2.9	2.5	2.5	2.2	2.1	2.2	2.2	2.5	2.6	2.7
Food and kindred products	40.5	40.4	40.3	40.3	40.0	40.0	39.9	39.9	40.3	39.9	39.9	40.0	39.9
Tobacco manufactures	37.0	37.6	38.5	37.0	37.4	37.7	37.3	37.6	39.1	38.4	36.9	39.4	36.3
Textile mill products	40.2	39.5	39.2	38.3	37.6	36.6	36.0	36.1	36.8	37.8	38.9	39.1	39.8
Apparel and other textile products	35.3	35.3	35.3	35.4	34.4	34.2	34.0	33.6	33.7	34.3	34.4	35.1	35.5
Paper and allied products	42.2	42.1	41.9	41.7	41.3	41.2	41.1	40.5	40.4	40.4	40.9	41.6	41.7
Printing and publishing	37.5	37.8	37.6	37.7	37.4	37.3	37.5	37.2	36.9	36.8	36.7	36.7	36.7
Chemicals and allied products	41.8	41.8	41.5	41.4	41.2	41.0	40.6	40.5	40.4	40.3	40.6	40.8	40.9
Petroleum and coal products	42.2	41.9	42.2	42.6	42.2	42.3	42.0	41.9	41.8	40.9	41.4	41.0	40.8
Rubber and plastics products, nec	40.4	40.7	40.5	40.8	39.8	39.5	39.5	38.7	38.6	39.1	39.5	39.6	39.9
Leather and leather products	37.0	37.2	36.7	37.0	36.6	36.1	35.7	35.3	35.1	36.5	36.6	37.7	38.1
TRANSPORTATION AND PUBLIC UTILITIES	40.7	40.5	40.4	40.4	39.9	40.1	40.2	39.9	39.9	39.9	39.3	39.4	39.3
WHOLESALE AND RETAIL TRADE	34.1	34.1	34.1	33.9	33.9	34.0	33.8	33.9	33.9	33.7	33.9	33.9	33.7
WHOLESALE TRADE	39.0	38.7	38.9	38.7	38.6	38.6	38.7	38.6	38.5	38.6	38.6	38.6	38.4
RETAIL TRADE	32.6	32.6	32.5	32.4	32.4	32.4	32.3	32.3	32.4	32.2	32.5	32.4	32.3
FINANCE, INSURANCE, AND REAL ESTATE	36.7	36.8	36.9	36.7	36.7	36.9	37.1	36.9	36.6	36.2	36.4	36.5	35.9
SERVICES	34.0	34.1	34.1	33.9	34.0	34.0	34.2	34.1	34.0	33.9	34.0	34.0	33.9

¹For coverage of series, see footnote 1, table B-2.

p = preliminary.

C-8. Indexes of aggregate weekly man-hours of production or nonsupervisory workers¹ on private nonagricultural payrolls, by industry division and major manufacturing group, seasonally adjusted

[1967 = 100]

Industry division and group	1974						1975						
	July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	JuneP	JulyP
TOTAL	113.3	113.4	113.4	113.0	111.2	109.7	108.7	106.7	105.5	105.6	106.0	105.6	105.5
GOODS-PRODUCING	104.0	103.8	103.7	103.0	99.4	96.5	94.1	90.0	88.0	88.9	89.2	88.7	88.9
MINING	110.2	109.9	112.3	114.0	95.8	100.9	113.3	113.5	112.1	109.5	114.9	113.2	112.4
CONTRACT CONSTRUCTION	115.3	115.6	115.2	116.5	114.4	113.1	111.9	103.4	94.9	99.4	100.3	95.1	95.3
MANUFACTURING	101.8	101.6	101.3	100.3	96.9	93.4	90.3	86.9	85.9	86.3	86.7	86.7	87.0
DURABLE GOODS	102.8	102.5	102.5	101.7	98.1	94.4	91.0	86.9	85.8	85.7	84.8	84.7	84.5
Ordnance and accessories	48.2	47.7	49.1	49.0	49.0	49.5	49.3	48.2	48.2	48.3	48.1	47.5	47.2
Lumber and wood products	104.9	103.4	99.9	95.8	90.6	87.8	84.1	83.0	81.9	83.7	86.3	87.5	89.9
Furniture and fixtures	114.0	112.3	111.0	107.4	100.6	96.1	89.2	86.3	85.4	87.7	89.4	89.4	88.7
Stone, clay, and glass products	110.8	110.6	108.8	107.7	105.2	101.7	98.1	93.9	91.0	92.4	92.4	92.2	92.0
Primary metal industries	101.6	102.6	104.6	105.0	102.3	97.7	94.0	89.5	86.1	83.1	80.9	80.1	77.6
Fabricated metal products	108.3	108.1	107.8	105.8	101.9	98.4	93.4	90.1	88.9	88.6	87.4	87.5	87.4
Machinery, except electrical	106.9	109.2	109.9	109.7	108.5	106.0	103.3	99.3	96.6	95.1	91.9	90.1	87.6
Electrical equipment and supplies	105.1	100.8	102.5	101.2	96.3	92.3	89.6	84.6	83.7	82.9	81.8	81.9	82.4
Transportation equipment	90.8	91.1	90.5	92.0	87.0	81.9	78.4	73.1	75.6	78.3	78.3	79.4	81.3
Instruments and related products	114.9	115.8	114.2	113.0	111.3	108.9	106.8	102.1	100.0	100.0	98.9	99.4	98.7
Miscellaneous manufacturing, Ind.	104.4	103.0	101.3	98.7	94.6	90.2	88.5	86.0	85.1	85.9	86.5	87.7	87.6
NONDURABLE GOODS	100.3	100.2	99.5	98.2	95.0	92.0	89.3	86.8	86.1	87.1	88.7	89.7	90.6
Food and kindred products	96.5	97.3	97.9	97.4	95.6	94.7	93.0	92.4	93.4	92.9	93.6	93.4	94.1
Tobacco manufactures	84.4	84.5	82.5	83.1	81.4	83.4	86.4	85.8	86.5	83.6	80.3	84.4	81.6
Textile mill products	101.9	100.4	98.8	93.7	89.5	83.9	78.7	76.9	78.0	82.2	87.1	88.2	90.3
Apparel and other textile products	92.9	91.7	91.3	90.3	85.9	81.3	78.8	76.1	75.3	77.9	79.3	81.8	84.3
Paper and allied products	103.3	102.5	101.8	99.3	96.8	94.4	92.0	88.0	85.8	85.0	86.5	87.8	88.9
Printing and publishing	99.4	100.2	99.1	99.1	96.9	96.4	96.6	94.5	92.9	92.1	91.4	90.8	90.2
Chemicals and allied products	105.3	106.0	105.5	105.1	103.3	100.3	97.1	95.4	93.2	92.2	93.5	93.8	93.9
Petroleum and coal products	107.0	105.4	106.1	108.0	107.0	106.4	100.5	97.7	101.7	98.7	101.6	102.3	102.6
Rubber and plastics products, nec	133.6	135.8	134.1	134.6	125.3	118.6	114.7	105.1	101.3	103.8	106.3	107.8	109.1
Leather and leather products	78.9	78.6	76.6	75.7	74.8	71.9	68.7	65.8	64.2	67.4	68.8	71.9	70.0
SERVICE-PRODUCING	119.8	120.0	120.2	119.9	119.4	118.9	118.9	118.2	117.7	117.2	117.5	117.3	117.0
TRANSPORTATION AND PUBLIC UTILITIES	109.7	109.3	108.4	108.9	107.5	107.1	105.9	103.9	102.6	102.5	100.6	100.4	100.1
WHOLESALE AND RETAIL TRADE	116.7	116.7	116.8	116.3	115.4	114.2	113.8	113.4	113.3	112.8	113.7	113.7	113.9
WHOLESALE TRADE	115.8	115.2	115.8	115.4	114.9	114.5	114.0	113.0	112.2	112.5	112.3	111.6	111.6
RETAIL TRADE	117.1	117.2	117.2	116.6	115.6	114.1	113.7	113.5	113.7	112.9	114.2	114.5	114.8
FINANCE, INSURANCE, AND REAL ESTATE	123.2	123.7	124.3	123.8	123.0	123.7	124.2	123.2	121.8	120.4	121.1	121.3	119.2
SERVICES	127.5	128.3	129.0	128.7	129.2	129.3	130.2	129.9	129.5	129.0	129.5	128.8	128.2

¹For coverage of series, see footnote 1, table B-2.

p = preliminary.

C-9. Man-hours of wage and salary workers¹ in nonagricultural establishments, by industry division

Industry division	Annual rate Millions of man-hours ²			Percent change ³		
	May 1975	June 1975	July 1975p	July 1974 to July 1975	May 1975 to June 1975	June 1975 to July 1975
TOTAL - ALL INDUSTRIES	145,635	145,011	144,852	- 4.2	- 5.0	- 1.3
TOTAL - PRIVATE	116,206	115,825	115,756	- 6.0	- 3.9	- 0.7
MINING	1,573	1,551	1,551	2.8	-15.2	- 0.6
CONTRACT CONSTRUCTION	6,662	6,319	6,360	-15.5	-47.0	8.0
MANUFACTURING	36,823	36,916	36,977	-11.8	3.1	2.0
TRANSPORTATION AND PUBLIC UTILITIES	9,186	9,166	9,135	- 8.0	- 2.5	- 4.0
WHOLESALE AND RETAIL TRADE ..	29,761	29,744	29,747	- 2.3	- 0.7	0.1
FINANCE, INSURANCE, AND REAL ESTATE	7,876	7,884	7,768	- 2.2	1.3	-16.4
SERVICES	24,326	24,243	24,218	1.4	- 4.0	- 1.2
GOVERNMENT	29,429	29,186	29,096	3.4	- 9.4	- 3.7

¹ 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.

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

³ Percent change compounded at annual rates.

p=preliminary.

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

OUTPUT PER MAN-HOUR SEASONALLY ADJUSTED

102

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				1974				1975	
	1973	1974	IV	I	II	III	IV	I	II	III	IV	I	II
Total private:													
Output per man-hour	115.2	112.1	114.3	115.8	115.1	114.8	115.0	112.7	112.8	112.2	110.8	110.8r	111.3p
Output	125.8	122.8	122.0	124.8	125.6	126.1	126.8	123.9	124.0	123.2	119.9	116.2	116.1p
Man-hours	109.3	109.5	106.7	107.8	109.1	109.9	110.3	109.9	109.9	109.8	108.2	104.9	104.3p
Compensation per man-hour ¹	150.9	164.2	143.2	147.7	149.4	151.6	154.9	157.7	162.5	166.7	170.2	174.6r	177.7p
Real compensation per man-hour ²	113.4	111.2	112.9r	114.7r	113.6	112.8r	112.6r	111.4	111.8r	111.3r	110.3	111.1r	111.4p
Unit labor costs	131.1	146.5	125.4	127.6	129.8	132.1	134.7	139.9	144.1	148.5	153.6	157.6	159.6p
Unit nonlabor payments ³	124.2	134.0	119.0	120.0	122.5	125.7	128.5	130.0	131.3	135.0	139.9	141.6r	143.2p
Implicit price deflator ⁴	128.4	141.6	122.9	124.7	126.9	129.6	132.3	136.1	139.2	143.3	148.3	151.4	153.3p
Private nonfarm:													
Output per man-hour	113.7	110.6	113.1	114.1	113.7	113.6	113.4	111.6	111.0	110.3	109.4	108.9	109.8p
Output	126.3	123.1	122.4	125.1	126.0	126.8	127.2	124.4	124.1	123.4	120.4	116.2	116.3p
Man-hours	111.1	111.3	108.2	109.6	110.9	111.7	112.2	111.5	111.8	111.8	110.1	106.8	106.0p
Compensation per man-hour ¹	148.8	162.1	141.7	145.4	147.3	149.7	152.8	156.1	160.4	164.2	167.9	171.7	174.7p
Real compensation per man-hour ²	111.8	109.7	111.6	112.9	112.0	111.4	111.1	110.3r	110.3r	109.6r	108.9r	109.2r	109.6p
Unit labor costs	130.9	146.6	125.2	127.4	129.6	131.8	134.7	139.9	144.4	148.8	153.5	157.7	159.2p
Unit nonlabor payments ³	117.9	129.1	117.2	116.4	117.0	117.9	120.2	122.6	127.4	131.4	135.5	140.0	141.4p
Implicit price deflator ⁴	126.0	140.0	122.2	123.3	124.9	126.5	129.2	133.3	138.0	142.2	146.7	151.0	152.5p
Manufacturing:													
Output per man-hour	128.3	129.3	124.5	127.1	128.2	129.2	128.6	128.2	129.8	129.4	129.1	126.5	125.9p
Output ⁵	132.6	131.8	125.2	129.9	132.3	133.9	134.3	132.3	132.9	132.8	127.8	116.2	114.1p
Man-hours	103.4	101.9	100.6	102.2	103.2	103.6	104.4	103.2	102.4	102.6	99.0	91.9	90.6p
Compensation per man-hour ¹	147.3	161.2	140.4	143.4	145.9	148.1	151.6	154.0	159.4	163.3	168.7	174.3	177.5p
Real compensation per man-hour ²	110.6	109.1	110.6	111.3r	110.9	110.2	110.2	108.7r	109.6	109.1r	109.4	110.9r	111.3p
Unit labor costs	114.8	124.6	112.8	112.8	113.8	114.6	117.9	120.1	122.8	126.2	130.7	137.8	141.0p
Nonfinancial corporations:													
Output per man-hour	120.6	118.0	118.7	120.7	120.8	120.8	120.3	118.5	118.5	117.7	117.1	118.2r	n.a.
Output	132.3	129.1	126.9	130.7	132.3	132.9	133.4	130.6	130.2	129.5	126.0	121.4r	n.a.
Man-hours	109.7	109.4	107.0	108.3	109.5	110.0	110.9	110.2	109.9	110.0	107.6	102.7	n.a.
Compensation per man-hour ¹	150.1	163.3	142.4	146.5	148.7	151.1	154.1	157.1	161.5	165.3	169.5	174.4	n.a.
Real compensation per man-hour ²	112.8	110.6	112.2	113.7r	113.1	112.4	112.1r	111.0r	111.1	110.4r	109.9	111.0r	n.a.
Total unit costs ⁶	125.2	139.0	121.6	122.5	124.1	125.9	128.5	133.0	136.7	140.9	145.5	150.0r	n.a.
Unit labor costs	124.4	138.4	120.0	121.4	123.1	125.1	128.1	132.6	136.4	140.4	144.8	147.5r	n.a.
Unit nonlabor costs ⁷	127.7	140.9	126.8	125.7	127.1	128.3	129.9	134.2	137.9	142.4	147.9	157.4r	n.a.
Unit profits ⁸	90.8	89.2	91.1	91.9	91.3	90.2	89.7	86.8	90.9	90.6	88.8	87.3r	n.a.
Implicit price deflator ⁴	120.0	131.5	117.0	117.8	119.1	120.5	122.6	126.0	129.8	133.3	137.0	140.5	n.a.

¹Wages 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.

²Compensation per man-hour adjusted for changes in the Consumer Price Index.

³Nonlabor payments include profits, depreciation, interest, rental income, and indirect taxes.

⁴Current dollar gross product divided by constant dollar gross product.

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

⁶Total unit costs is the sum of unit labor costs and unit nonlabor costs.

⁷Includes depreciation, interest, and indirect taxes.

⁸Includes 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 rate¹

Item	Quarterly percent change						Annual percent change					
	IV 1973 to I 1974	I 1974 to II 1974	II 1974 to III 1974	III 1974 to IV 1974	IV 1974 to I 1975	I 1975 to II 1975	I 1973 to I 1974	II 1973 to II 1974	III 1973 to III 1974	IV 1973 to IV 1974	I 1974 to I 1975	II 1974 to II 1975
Total private:												
Output per man-hour	- 7.6	0.1	- 1.9	- 5.1	0.0r	2.0p	- 2.6	- 2.1	- 2.2	- 3.7	- 1.7r	- 1.3p
Output	- 8.8	0.1	- 2.4	-10.4	-11.8	- 0.4p	- 0.7	- 1.3	- 2.3	- 5.5	- 6.3	- 6.4p
Man-hours	- 1.3	0.0	- 0.5	- 5.6	-11.8r	- 2.3p	1.9	0.8	- 0.1	- 1.9	- 4.6	- 5.2p
Compensation per man-hour ²	7.6	12.7	10.7	8.6	10.8r	7.3p	6.8	8.8	10.0	9.9	10.7r	9.3p
Real compensation per man-hour ³	- 4.1	1.2	- 1.5r	- 3.5r	2.7r	1.2p	- 2.8r	- 1.6r	- 1.3r	- 2.0	- 0.3r	- 0.3p
Unit labor costs	16.5	12.6	12.8	14.4	10.7	5.2p	9.6	11.1	12.4	14.1	12.6	10.7p
Unit nonlabor payments ⁴	4.7	4.2	11.5	15.4	5.1r	4.6p	8.3	7.2	7.4	8.9	9.0	9.1p
Implicit price deflator ⁵	11.9	9.5	12.3	14.8	8.6	5.0p	9.1	9.6	10.6	12.1	11.3	10.1p
Private nonfarm:												
Output per man-hour	- 6.3	- 2.0	- 2.5	- 3.4	- 1.8r	3.3p	- 2.2	- 2.3	- 2.9	- 3.6	- 2.4	- 1.1p
Output	- 8.6	- 0.8	- 2.4	- 9.3	-13.1	0.2p	- 0.6	- 1.5	- 2.7	- 5.3	- 6.5	- 6.3p
Man-hours	- 2.4	1.2	0.1	- 6.1	-11.5	- 3.0p	1.7	0.8	0.1	- 1.9	- 4.2	- 5.2p
Compensation per man-hour ²	8.8	11.4	9.8	9.4	9.4r	7.3p	7.3	8.8	9.7	9.9	10.0	9.0p
Real compensation per man-hour ³	- 3.0	0.0	- 2.3r	- 2.8r	1.3r	1.2p	- 2.3	- 1.6	- 1.6r	- 2.0	- 0.9r	- 0.6p
Unit labor costs	16.2	13.7	12.6	13.3	11.4	3.9p	9.8	11.4	12.9	13.9	12.7	10.2p
Unit nonlabor payments ⁴	8.1	16.6	13.1	13.1	13.9	4.1p	5.3	8.9	11.4	12.7	14.2	11.0p
Implicit price deflator ⁵	13.3	14.7	12.8	13.2	12.3	3.9p	8.2	10.5	12.4	13.5	13.2	10.5p
Manufacturing:												
Output per man-hour	- 1.3	5.3	- 1.2	- 1.0	- 7.9r	- 1.8p	0.8	1.3	0.2	0.4	- 1.3	- 3.0p
Output ⁶	- 5.8	1.8	- 0.3	-14.2	-31.7	- 7.0p	1.8	0.5	- 0.8	- 4.8	-12.2	-14.1p
Man-hours	- 4.6	- 3.3	0.9	-13.4	-25.8r	- 5.3p	1.0	- 0.8	- 1.0	- 5.2	-11.0	-11.5p
Compensation per man-hour ²	6.5	14.9	10.2	13.9	13.8r	7.7p	7.4	9.3	10.3	11.3	13.2	11.4p
Real compensation per man-hour ³	- 5.3r	3.3r	- 1.9r	1.2r	5.4r	1.6p	- 2.3	- 1.1	- 1.0r	- 0.7	2.0r	1.5p
Unit labor costs	7.9	9.1	11.5	15.0	23.6	9.7p	6.5	7.9	10.1	10.9	14.7	14.8p
Nonfinancial corporations:												
Output per man-hour	- 5.9	- 0.2	- 2.6	- 2.1	3.9r	n.a.	- 1.8	- 1.9	- 2.6	- 2.7	- 0.3r	n.a.
Output	- 8.1	- 1.4	- 2.1	-10.2	-13.9r	n.a.	- 0.1	- 1.6	- 2.6	- 5.5	- 7.0r	n.a.
Man-hours	- 2.4	- 1.2	0.5	- 8.3	-17.1	n.a.	1.7	0.3	0.0	- 2.9	- 6.8	n.a.
Compensation per man-hour ²	8.1	11.7	9.7	10.5	12.2r	n.a.	7.3	8.7	9.4	10.0	11.0	n.a.
Real compensation per man-hour ³	- 3.9r	- 0.5r	- 2.4	- 1.8r	3.8r	n.a.	- 2.4r	- 1.7r	- 1.8r	- 1.9r	- 0.0r	n.a.
Total unit costs ⁷	14.6	11.8	12.9	13.7	12.8r	n.a.	8.6	10.2	12.0	13.2	12.8r	n.a.
Unit labor costs	14.9	11.9	12.5	12.9	7.9r	n.a.	9.2	10.8	12.3	13.0	11.3r	n.a.
Unit nonlabor costs ⁸	13.9	11.4	13.9	16.1	28.4r	n.a.	6.8	8.5	11.0	13.8	17.3	n.a.
Unit profits ⁹	-12.3	20.2	- 1.0	- 7.7	- 6.8r	n.a.	- 5.6	- 0.5	0.4	- 0.9	0.6r	n.a.
Implicit price deflator ⁵	11.4	12.6	11.3	11.3	10.7	n.a.	6.9	9.0	10.7	11.7	11.5	n.a.

¹Computed from seasonally adjusted original data, not from indexes.

²Wages 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.

³Compensation per man-hour adjusted for changes in the Consumer Price Index.

⁴Nonlabor payments include profits, depreciation, interest, rental income, and indirect taxes.

⁵Current dollar gross product divided by constant dollar gross product.

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

⁷Total unit costs is the sum of unit labor costs and unit nonlabor costs.

⁸Includes depreciation, interest, and indirect taxes.

⁹Includes 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,¹ adjusted for overtime
(in manufacturing only) and interindustry employment shifts, by industry division, 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 ²		Mining		Contract construction		Manufacturing	
1964	88.3	95.1	88.2	95.0	86.6	93.2	90.2	97.0
1965	91.6	97.0	91.8	97.2	90.0	95.3	92.5	97.9
1966	95.4	98.1	96.2	99.0	94.6	97.3	95.6	98.4
1967	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
1968	106.3	102.0	105.6	101.4	107.2	102.9	106.1	101.8
1969	113.3	103.2	113.7	103.5	116.5	106.1	112.4	102.4
1970	120.8	103.9	120.3	103.4	127.2	109.4	119.4	102.7
1971	129.4	106.7	127.2	104.9	138.0	113.8	127.3	105.0
1972	137.8	110.0	137.2	109.5	146.2	116.7	135.4	108.1
1973	146.6	110.1	147.5	110.8	154.5	116.1	143.6	107.9
1974	158.4	107.2	162.9	110.3	163.7	110.8	154.9	105.6
1974: July	158.5	107.1	163.3	110.3	162.6	109.9	156.3	105.6
August	159.8	106.6	164.7	109.9	167.0	111.4	157.6	105.1
September	162.6	107.2	167.6	110.5	170.4	112.3	159.6	105.2
October	163.1	106.6	167.3	109.4	170.1	111.2	160.9	105.2
November	163.8	106.1	167.9	108.8	169.7	110.0	162.2	105.1
December	165.3	106.4	173.4	111.6	170.3	109.6	164.2	105.6
1975: January	166.3	106.5	176.0	112.7	169.8	108.8	165.3	105.9
February	167.4	106.5	177.7	113.1	167.8	106.8	166.2	105.7
March	168.5	106.8	178.1	112.9	171.3	108.6	167.6	106.2
April	168.9	106.5	178.8	112.7	171.4	108.1	168.3	106.1
May	170.2	106.9	180.9	113.6	172.9	108.5	169.4	106.4
June ^p	171.4	106.7	181.3	112.9	174.4	108.6	170.4	106.1
July ^p	171.9	(*)	181.7	(*)	176.8	(*)	171.1	(*)
Year and month	Transportation and public utilities		Wholesale and retail trade		Finance, insurance, and real estate		Services	
1964	89.4	96.2	87.0	93.7	89.2	96.0	86.3	92.9
1965	93.6	99.0	90.5	95.7	92.4	97.8	90.7	96.0
1966	96.4	99.2	94.7	97.5	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	106.9	102.6	105.8	101.5	106.1	101.8
1969	112.2	102.1	113.8	103.7	112.2	102.2	114.0	103.8
1970	119.0	102.3	120.8	103.9	118.9	102.2	122.2	105.0
1971	130.0	107.2	128.0	105.5	126.2	104.0	131.6	108.5
1972	143.4	114.4	134.7	107.5	132.1	105.5	140.5	112.2
1973	155.5	116.8	143.0	107.4	138.4	104.0	150.1	112.8
1974	167.0	113.1	155.1	105.0	148.4	100.4	162.3	109.9
1974: July	166.6	112.5	155.8	105.3	148.0	100.0	162.5	109.8
August	167.1	111.5	156.7	104.5	149.0	99.4	162.7	108.5
September	171.4	113.0	159.2	104.9	152.5	100.5	166.0	109.4
October	172.8	113.0	159.6	104.3	152.2	99.5	165.6	108.2
November	172.7	111.9	160.0	103.7	152.9	99.1	166.6	108.0
December	173.5	111.7	160.7	103.4	155.2	99.9	168.3	108.3
1975: January	174.1	111.5	162.6	104.1	155.7	99.8	168.9	108.2
February	175.5	111.7	164.0	104.3	158.3	100.7	171.0	108.8
March	175.8	111.4	164.5	104.2	159.7	101.2	171.4	108.6
April	176.3	111.2	165.1	104.1	158.9	100.2	171.5	108.1
May	178.0	111.8	166.8	104.7	160.3	100.6	172.3	108.2
June ^p	178.8	111.3	167.6	104.4	162.3	101.1	174.0	108.4
July ^p	180.3	(*)	168.9	(*)	161.4	(*)	173.2	(*)

¹ Production and nonsupervisory workers.

² Prior data are as follows:

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

*Not available.

p = preliminary.

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

EMPLOYEE COMPENSATION SEASONALLY ADJUSTED

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

Measure	Percent change over 4-quarter period ¹ ending in—								
	1973			1974				1975	
	June	Sept.	Dec.	Mar.	June	Sept.	Dec.	Mar.	June ^p
Average hourly compensation:									
All persons, total private economy	7.2	7.8	8.1	6.8	8.8	10.0	9.9	r10.7	9.3
All employees, private nonfarm economy:									
Current dollars	7.1	7.5	7.9	7.3	8.7	9.4	9.8	10.0	9.0
1967 dollars	1.5	.6	-.4	r-2.3	-1.7	r-1.8	-2.1	r-.9	-.6
Average hourly earnings, private nonfarm economy ²	6.4	7.1	6.9	7.1	7.4	8.1	8.5	8.3	7.4
Mining	6.6	7.4	7.9	8.6	10.2	11.4	9.6	14.1	12.5
Contract construction	5.5	6.4	4.7	3.8	5.3	7.0	7.6	8.2	8.0
Manufacturing	6.7	7.1	6.8	6.0	7.1	9.2	10.1	10.7	9.6
Transportation and public utilities	8.4	8.8	7.7	7.6	6.9	7.0	8.0	8.1	8.7
Wholesale and retail trade	6.0	6.7	7.2	7.2	8.2	9.1	9.2	9.6	8.4
Finance, insurance, and real estate	3.8	4.7	4.8	4.9	6.1	7.1	8.1	9.0	9.3
Services	6.8	7.5	7.2	8.2	8.8	8.1	8.4	8.5	7.2
Average hourly earnings, private nonfarm economy, ² adjusted for overtime (in manufacturing only) and interindustry employment shifts:									
Total, current dollars	6.1	6.8	6.7	6.9	7.7	8.5	9.1	9.6	8.9
1967 dollars	.6	-.1	-1.6	-2.7	-2.6	-2.7	-2.7	-1.3	-.7
Mining	7.3	7.8	8.3	9.1	10.2	11.2	11.6	13.6	12.3
Contract construction	5.6	6.3	4.9	3.9	5.3	7.0	7.7	8.4	8.0
Manufacturing	5.7	6.3	6.6	6.8	8.1	9.4	10.4	11.0	10.3
Transportation and public utilities	8.4	8.7	7.7	7.7	7.0	6.9	8.0	7.9	8.4
Wholesale and retail trade	6.0	6.5	6.9	7.3	8.0	9.0	9.2	9.7	8.6
Finance, insurance, and real estate	4.2	5.0	5.3	5.7	6.5	7.8	8.7	9.8	9.7
Services	6.7	7.5	7.2	8.0	8.6	7.8	8.1	8.4	7.1
Average hourly earnings, all Federal executive branch employees ³	5.9	6.7	9.8	(*)	7.5	(*)	(*)	(*)	(*)
Average union scales, 7 building trades: 4/									
Wages and selected benefits	5.9	6.1	5.5	5.5	8.1	8.5	9.4	9.7	(*)
Hourly wage rates	4.7	4.9	4.4	4.5	7.4	8.2	8.6	8.7	(*)
Wage rates, hired farm labor	8.6	8.4	9.8	12.4	11.9	12.1	9.9	(*)	(*)
Average weekly earnings, private nonfarm economy: ²									
Current dollars	6.5	6.8	6.2	6.1	6.0	7.0	7.0	6.3	5.5
1967 dollars	.9	(5)	-2.0	-3.4	-4.1	-4.0	-4.6	-4.3	-3.8
Real spendable earnings (worker and 3 dependents, 1967 dollars)	-.5	-1.5	-3.4	-4.1	-4.8	-4.7	-5.3	-4.9	-1.4

¹ Current quarter divided by comparable quarter a year earlier.

² Production and nonsupervisory workers.

³ Computed from data that are not seasonally adjusted.

⁴ Changes subsequent to June 1971 based on data before seasonal adjustment.

⁵ Less than 0.05 percent.

* Not available.

r = revised.

p = preliminary.

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

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

Measure	Percent change over previous quarter at annual rate								
	1973			1974				1975	
	June	Sept.	Dec.	Mar.	June	Sept.	Dec.	Mar.	June ^p
Average hourly compensation:									
All persons, total private economy	4.6	6.0	8.9	7.6	12.7	10.7	8.6	r10.8	7.3
All employees, private nonfarm economy:									
Current dollars	5.6	6.8	8.2	8.8	11.2	9.7	9.6	9.6	7.0
1967 dollars	r-2.8	-2.0	r-1.4	-3.1	r-.2	r-2.4	r-2.6	r1.6	1.0
Average hourly earnings, private nonfarm economy ¹	7.6	8.1	7.3	5.4	8.8	11.0	9.0	4.7	5.2
Mining	6.2	9.5	7.8	11.1	12.6	14.2	1.0	30.5	6.2
Contract construction	2.1	6.0	3.4	3.8	8.2	13.0	5.8	6.1	7.4
Manufacturing	5.8	7.1	6.7	4.6	10.2	15.7	10.2	6.9	5.8
Transportation and public utilities	8.2	8.6	7.8	5.8	5.4	8.8	12.0	6.1	8.0
Wholesale and retail trade	6.6	7.8	7.6	6.7	10.8	11.3	8.2	8.0	6.0
Finance, insurance, and real estate	3.5	6.2	5.3	4.8	8.2	10.3	8.9	8.7	9.3
Services	8.2	7.6	8.7	8.1	10.7	5.1	9.9	8.6	5.2
Average hourly earnings, private nonfarm economy, ¹ adjusted for overtime (in manufacturing only) and interindustry employment shifts:									
Total, current dollars	6.5	7.7	7.2	6.3	9.7	10.8	9.8	8.2	7.0
1967 dollars	-1.9	-1.2	-2.5	-5.3	-1.5	-1.4	-2.3	.2	.9
Mining	8.1	9.2	7.3	11.8	12.7	13.0	8.9	20.3	7.4
Contract construction	3.2	6.0	3.5	3.1	8.7	13.1	6.2	5.6	7.4
Manufacturing	5.7	7.2	7.8	6.6	10.9	12.3	11.8	8.9	8.2
Transportation and public utilities	8.4	9.1	7.4	6.2	5.4	8.8	11.6	5.7	7.5
Wholesale and retail trade	7.4	7.2	7.4	7.0	10.3	11.5	8.1	8.8	6.1
Finance, insurance, and real estate	5.0	6.1	6.1	5.5	8.5	11.4	9.7	9.4	8.3
Services	8.4	8.0	7.5	8.2	10.7	4.8	8.8	9.4	5.3
Average hourly earnings, all Federal executive branch employees ²	.4	2.0	5.1	(*)	(*)	(*)	(*)	(*)	(*)
Average union scales, 7 building trades: 3/									
Wages and selected benefits	9.0	8.6	2.8	1.6	20.2	10.5	6.1	2.8	(*)
Hourly wage rates	7.4	7.0	2.7	1.2	19.7	9.9	4.4	1.6	(*)
Wage rates, hired farm labor	15.2	10.3	12.2	11.8	13.5	11.1	3.5	(*)	(*)
Average weekly earnings, private nonfarm economy: ¹									
Current dollars	8.3	7.4	5.7	3.1	8.0	11.4	5.5	.5	4.8
1967 dollars	-.2	-1.4	-3.7	-8.1	-3.0	-.9	-6.1	-7.0	-1.1
Real spendable earnings (worker and 3 dependents, 1967 dollars)	-1.2	-2.3	-4.4	-8.5	-3.9	-2.1	-6.7	-7.0	11.1

¹ Production and nonsupervisory workers.

² 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.

³ Changes subsequent to June 1971 based on data before seasonal adjustment.

* Not available.

r = revised.

p = preliminary.

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

EMPLOYEE COMPENSATION DATA
SEASONALLY ADJUSTED

106

C-15. Twelve-month changes in compensation, seasonally adjusted

Measure	Percent change at annual rate over 12-month period ¹ ending in--												
	1974						1975						
	July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June ^P	July ^P
Average hourly earnings, private nonfarm economy ²	7.6	8.1	8.5	8.8	8.2	8.7	8.4	8.3	8.3	8.3	7.2	6.9	6.9
Mining	10.5	12.0	11.7	12.3	7.0	9.6	13.6	14.2	14.5	12.0	12.8	12.5	12.0
Contract construction	6.0	7.7	7.4	7.0	7.6	8.3	8.5	6.9	9.3	8.5	7.9	7.7	8.9
Manufacturing	8.6	9.3	9.7	10.1	9.8	10.3	10.3	10.7	11.1	10.8	9.2	8.7	8.1
Transportation and public utilities	7.6	5.9	7.4	7.9	7.9	8.1	7.9	8.0	8.3	8.5	8.9	8.8	8.3
Wholesale and retail trade	8.7	9.3	9.2	9.2	9.1	9.4	9.3	9.9	9.5	9.5	8.1	7.5	7.7
Finance, insurance, and real estate	6.1	7.3	8.0	8.3	8.0	7.9	7.6	9.2	10.3	9.7	9.4	8.9	8.4
Services	7.8	8.7	8.0	8.2	8.4	8.7	8.3	8.8	8.5	7.6	7.0	6.9	6.7
Average hourly earnings, private nonfarm economy, ² adjusted for overtime (in manufacturing only) and interindustry employment shifts:													
Total, current dollars	8.1	8.5	8.8	9.1	9.1	9.3	9.4	9.6	9.9	9.4	8.9	8.6	8.4
1967 dollars	-3.1	-2.2	-2.8	-2.6	-2.7	-2.6	-2.1	-1.4	-3	-8	-5	-7	(*)
Mining	10.4	11.6	11.5	11.8	10.3	12.6	13.4	14.0	13.5	12.3	12.7	11.9	11.3
Contract construction	5.9	7.7	7.5	7.2	7.5	8.4	9.1	6.9	9.1	8.3	7.8	7.9	8.7
Manufacturing	9.0	9.3	9.8	10.1	10.4	10.5	10.7	10.9	11.3	10.8	10.2	9.8	9.5
Transportation and public utilities	7.6	6.0	7.3	8.2	7.9	7.9	7.6	7.8	8.1	8.0	8.8	8.3	8.2
Wholesale and retail trade	8.8	9.1	9.2	9.4	9.1	9.1	9.4	10.0	9.6	9.3	8.6	8.0	7.7
Finance, insurance, and real estate	6.8	7.9	8.8	9.1	8.5	8.6	8.5	9.9	10.9	9.8	9.9	9.4	9.0
Services	7.5	8.2	7.7	7.9	8.1	8.2	8.1	8.6	8.5	7.7	6.7	6.7	6.6
Average hourly earnings, all Federal executive branch employees ³	(*)	(*)	5.7	5.1	(*)	7.6	(*)	(*)	(*)	(*)	(*)	(*)	(*)
Average weekly earnings, private nonfarm economy: ²													
Current dollars	6.5	7.2	7.4	7.9	6.1	6.9	6.9	6.0	5.9	6.5	5.1	4.8	5.1
1967 dollars	-4.6	-3.3	-4.1	-3.7	-5.3	-4.7	-4.3	-4.6	-3.9	-3.4	-4.0	-4.1	(*)
Real spendable earnings (worker and 3 dependents, 1967 dollars)	-5.2	-4.1	-4.8	-4.5	-6.0	-5.5	-5.0	-5.2	-4.6	-4.1	-1	-2	(*)

1 Current month divided by same month a year earlier.

2 Production and nonsupervisory workers.

3 Computed from data that are not seasonally adjusted.

* Not available.

p = preliminary.

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

C-16. Six-month changes in compensation, seasonally adjusted

Measure	Percent change at annual rate over 6-month period ¹ ending in--												
	1974						1975						
	July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June ^P	July ^P
Average hourly earnings, private nonfarm economy ²	9.1	9.5	11.0	12.0	9.3	8.7	7.7	7.1	5.6	4.7	5.1	5.1	6.0
Mining	13.4	13.2	13.6	13.0	2.3	7.0	13.8	15.2	15.5	11.0	24.4	18.2	10.2
Contract construction	8.5	11.7	11.6	9.3	10.2	8.5	8.5	2.3	7.0	7.7	5.5	7.0	9.3
Manufacturing	11.8	12.7	14.1	15.6	11.9	11.3	8.8	8.7	8.1	6.2	6.7	6.2	7.5
Transportation and public utilities	6.6	5.8	8.9	11.3	10.4	9.5	9.1	10.2	7.8	5.8	7.3	8.0	7.6
Wholesale and retail trade	10.5	11.1	11.6	12.2	8.9	8.2	8.2	8.7	7.5	6.8	7.4	6.8	7.3
Finance, insurance, and real estate	6.6	8.9	12.2	11.1	10.4	7.4	8.6	9.6	8.3	8.4	8.3	10.3	8.2
Services	7.9	7.3	8.4	7.8	7.7	7.0	8.7	10.4	8.6	7.5	6.3	6.8	4.7
Average hourly earnings, private nonfarm economy, ² adjusted for overtime (in manufacturing only) and interindustry employment shifts:													
Total, current dollars	9.5	10.2	11.1	11.7	10.3	8.9	9.3	8.9	8.7	7.0	7.5	8.2	7.5
1967 dollars	-2.0	-1.4	-9	-8	-1.9	-2.9	-2.1	-1.3	.3	-7	.9	1.5	(*)
Mining	12.7	12.7	13.0	11.7	8.5	12.6	14.1	15.3	14.0	12.8	17.1	11.1	8.5
Contract construction	9.8	11.5	11.4	9.7	10.1	9.0	8.4	2.4	7.0	6.9	5.7	6.9	9.1
Manufacturing	10.9	11.6	12.3	13.5	12.1	10.5	10.5	10.2	10.2	8.1	8.4	9.1	8.4
Transportation and public utilities	6.9	5.7	8.7	11.3	10.6	8.8	8.4	9.9	7.6	4.7	7.1	7.9	8.1
Wholesale and retail trade	10.1	11.1	11.5	12.4	9.3	7.8	8.8	8.9	7.7	6.3	7.9	8.2	6.7
Finance, insurance, and real estate	7.4	9.5	12.9	12.1	11.1	8.5	9.6	10.2	8.9	7.5	8.8	10.2	8.4
Services	7.8	7.6	7.7	7.8	6.5	6.0	8.5	9.5	9.2	7.7	7.0	7.4	4.8
Average hourly earnings, all Federal executive branch employees ³	(*)	(*)	5.2	1.8	(*)	6.7	(*)	(*)	(*)	(*)	(*)	(*)	(*)
Average weekly earnings, private nonfarm economy: ²													
Current dollars	9.1	8.9	11.0	12.0	6.4	7.0	4.8	3.1	1.1	1.2	4.0	2.8	5.4
1967 dollars	-2.4	-2.5	-1.0	-6	-5.4	-4.6	-6.2	-6.6	-6.8	-6.1	-2.5	-3.6	(*)
Real spendable earnings (worker and 3 dependents, 1967 dollars)	-3.4	-3.5	-2.1	-1.9	-6.1	-5.3	-6.7	-6.9	-6.9	-6.2	6.3	5.2	(*)

1 Current month divided by month 6 months earlier.

2 Production and nonsupervisory workers.

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

* Not available.

p = preliminary.

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

EMPLOYEE COMPENSATION DATA SEASONALLY ADJUSTED

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

Measure	1974						1975						
	3d quarter			4th quarter			1st quarter			2d quarter			3d quarter
	July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June ^P	July ^P
LEVELS													
Average hourly earnings, private nonfarm economy ¹	\$4.23	\$4.27	\$4.32	\$4.35	\$4.36	\$4.39	\$4.39	\$4.42	\$4.44	\$4.45	\$4.47	\$4.50	\$4.52
Mining	5.26	5.32	5.36	5.40	5.20	5.38	5.61	5.71	5.76	5.69	5.80	5.85	5.89
Contract construction	6.75	6.89	6.94	6.90	6.95	7.02	7.03	6.97	7.18	7.16	7.14	7.26	7.35
Manufacturing	4.43	4.48	4.53	4.57	4.58	4.62	4.62	4.67	4.71	4.71	4.73	4.76	4.79
Transportation and public utilities	5.39	5.41	5.51	5.58	5.58	5.62	5.63	5.68	5.72	5.74	5.78	5.84	5.84
Wholesale and retail trade	3.49	3.52	3.55	3.57	3.59	3.61	3.63	3.67	3.68	3.69	3.72	3.73	3.76
Finance, insurance, and real estate	3.80	3.84	3.92	3.91	3.93	3.97	3.96	4.02	4.08	4.07	4.09	4.17	4.12
Services	3.74	3.76	3.80	3.82	3.86	3.89	3.90	3.95	3.96	3.96	3.98	4.02	3.99
Wage rates, hired farm labor (quarterly data)	2.25	-	-	2.31	-	-	2.33	-	-	(*)	-	-	(*)
Average weekly earnings, private nonfarm economy: ¹													
Current dollars	155.24	156.71	158.54	159.21	157.83	159.80	158.92	159.12	159.40	160.20	160.92	162.00	163.17
1967 dollars	104.86	104.65	104.65	104.16	102.31	102.78	101.56	101.13	101.03	100.94	101.04	100.93	(*)
Real spendable earnings (worker and 3 dependents, 1967 dollars)	91.18	90.90	90.78	90.31	88.79	89.08	88.08	87.69	87.59	87.46	91.54	91.36	(*)
INDEXES, 1967=100													
Average hourly compensation (quarterly data):													
All persons, total private economy	-	166.7	-	-	170.2	- ¹	-	174.6	-	-	177.7	-	-
All employees, private nonfarm economy:													
Current dollars	-	163.9	-	-	167.7	-	-	171.6	-	-	174.5	-	-
1967 dollars	-	109.5	-	-	108.7	-	-	109.2	-	-	109.4	-	-
Average hourly earnings, private nonfarm economy, ¹ adjusted for overtime (in manufacturing only) and interindustry employment shifts:													
Total, current dollars	158.7	160.2	161.9	163.1	164.0	165.1	166.0	167.2	168.8	168.8	170.0	171.7	172.0
1967 dollars	107.2	107.0	106.9	106.7	106.3	106.2	106.0	106.3	107.0	106.3	106.8	107.0	(*)
Mining	163.8	165.7	167.3	167.8	167.2	172.5	174.9	177.9	178.6	178.2	180.9	181.9	182.2
Contract construction	163.4	166.8	167.8	167.2	168.3	170.1	170.2	168.9	173.6	173.0	173.0	175.8	177.7
Manufacturing	156.6	158.0	159.6	161.6	162.6	163.5	164.6	165.9	167.6	168.0	169.2	170.8	171.4
Transportation and public utilities	166.9	167.1	170.2	172.5	172.5	173.2	173.8	175.2	176.5	176.5	178.6	179.9	180.6
Wholesale and retail trade	155.8	157.2	158.7	159.7	160.3	161.0	162.6	164.0	164.6	164.6	166.4	167.5	167.9
Finance, insurance, and real estate	148.0	149.8	152.9	152.8	153.4	155.0	155.0	157.2	159.6	158.4	160.0	162.8	161.4
Services	162.3	163.4	164.4	165.4	166.8	168.3	169.1	171.0	171.8	171.7	172.5	174.4	173.1
Average hourly earnings, all Federal executive branch employees ²	(*)	(*)	171.9	172.7	(*)	183.8	(*)	(*)	(*)	(*)	(*)	(*)	(*)
Average union scales, 7 building trades (quarterly data): ²													
Wages and selected benefits	182.3	-	-	186.9	-	-	189.7	-	-	191.0	-	-	(*)
Hourly wage rates	171.0	-	-	175.1	-	-	177.0	-	-	177.7	-	-	(*)

¹ Production and nonsupervisory workers.

* Not available.

² Not seasonally adjusted.

p = preliminary.

r = revised.

Technical description covering tables C-12 through C-17

Characteristics	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

108

**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		
	June 1974	May 1975	June 1975P	June 1974	May 1975	June 1975P	June 1974	May 1975	June 1975P
ALABAMA	\$ 152.93	\$ 160.34	\$ 159.54	41.0	39.3	39.2	\$ 3.73	\$ 4.08	\$ 4.07
Birmingham	177.80	192.57	194.93	40.5	39.3	39.7	4.39	4.90	4.91
Mobile	180.13	209.32	196.49	41.6	43.7	40.1	4.33	4.79	4.90
ALASKA	272.00	270.29	(*)	40.0	35.8	(*)	6.80	7.55	(*)
ARIZONA	172.73	184.70	186.05	39.8	38.4	38.6	4.34	4.81	4.82
Phoenix	175.71	188.47	189.44	40.3	38.7	38.9	4.36	4.87	4.87
Tucson	183.82	187.02	189.24	40.4	38.8	39.1	4.55	4.82	4.84
ARKANSAS	133.32	136.64	138.84	40.4	38.6	39.0	3.30	3.54	3.56
Fayetteville-Springdale	123.82	125.45	129.35	41.0	38.6	39.8	3.02	3.25	3.25
Fort Smith	129.69	133.92	135.42	39.3	37.2	37.0	3.30	3.60	3.66
Little Rock-North Little Rock	147.02	154.01	157.19	40.5	38.6	39.2	3.63	3.99	4.01
Pine Bluff	160.74	156.08	168.39	40.9	37.7	38.8	3.93	4.14	4.34
CALIFORNIA	188.94	201.88	203.97	40.2	39.2	39.3	4.70	5.15	5.19
Anaheim-Santa Ana-Garden Grove	176.99	188.65	191.68	40.5	39.8	40.1	4.37	4.74	4.78
Bakersfield	195.21	200.85	199.56	40.5	39.0	38.9	4.82	5.15	5.13
Fresno	162.33	176.73	176.32	39.4	39.1	38.0	4.12	4.52	4.64
Los Angeles-Long Beach	180.63	192.18	192.57	40.5	39.3	39.3	4.46	4.89	4.90
Modesto	179.10	189.00	192.79	38.6	37.5	38.1	4.64	5.04	5.06
Oxnard-Simi Valley-Ventura	163.17	177.45	181.43	39.7	39.0	39.7	4.11	4.55	4.57
Riverside-San Bernardino-Ontario	190.48	203.94	205.88	40.7	39.6	39.9	4.68	5.15	5.16
Sacramento	197.51	212.80	220.38	38.5	38.0	38.8	5.13	5.60	5.68
Salinas-Seaside-Monterey	173.82	183.55	184.61	38.8	38.4	38.3	4.48	4.78	4.82
San Diego	187.78	189.88	194.43	39.7	37.6	38.5	4.73	5.05	5.05
San Francisco-Oakland	218.96	235.39	239.78	39.1	38.4	38.8	5.60	6.13	6.18
San Jose	196.18	215.67	218.79	40.2	39.0	39.0	4.88	5.53	5.61
Santa Barbara-Santa Maria-Lompoc	160.65	173.18	176.18	37.8	38.4	38.3	4.25	4.51	4.60
Santa Rosa	180.85	182.66	186.50	39.4	36.9	37.3	4.59	4.95	5.00
Stockton	199.36	211.14	218.79	39.4	38.6	39.0	5.06	5.47	5.61
Vallejo-Fairfield-Napa	188.18	219.85	206.45	38.8	39.4	37.4	4.85	5.58	5.52
COLORADO	181.65	196.21	(*)	40.1	39.8	(*)	4.53	4.93	(*)
Denver-Boulder	186.80	195.50	(*)	40.0	39.1	(*)	4.67	5.00	(*)
CONNECTICUT	183.90	188.25	191.68	41.7	39.8	40.1	4.41	4.73	4.78
Bridgeport	181.86	182.46	184.28	42.0	40.1	40.5	4.33	4.55	4.55
Hartford	197.86	209.80	214.56	43.2	41.3	41.5	4.58	5.08	5.17
New Britain	192.04	187.53	191.97	42.3	39.9	40.5	4.54	4.70	4.74
New Haven	174.53	182.28	188.73	40.4	39.2	39.4	4.32	4.65	4.79
Stamford	198.37	200.88	199.58	41.5	40.5	40.4	4.78	4.96	4.94
Waterbury	167.84	161.95	164.40	42.6	39.5	40.0	3.94	4.10	4.11
DELAWARE	183.37	192.94	196.21	40.3	38.9	39.4	4.55	4.96	4.98
Wilmington	205.77	213.62	216.16	39.8	38.7	38.6	5.17	5.52	5.60
DISTRICT OF COLUMBIA: Washington SMSA	196.86	213.38	216.19	38.3	37.5	38.4	5.14	5.69	5.63
FLORIDA	152.25	156.81	160.78	40.6	39.3	39.7	3.75	3.99	4.05
Fort Lauderdale-Hollywood	154.09	157.56	157.60	41.2	39.0	39.5	3.74	4.04	3.99
Jacksonville	181.01	189.20	198.13	41.9	40.6	41.8	4.32	4.66	4.74
Miami	139.91	143.56	144.34	39.3	38.8	38.8	3.56	3.70	3.72
Orlando	159.51	162.41	162.81	40.9	40.4	40.6	3.90	4.02	4.01
Pensacola	181.12	182.05	193.39	44.5	38.9	40.8	4.07	4.68	4.74
Tampa-St. Petersburg	164.41	168.70	178.09	41.0	39.6	40.2	4.01	4.26	4.43
West Palm Beach-Boca Raton	179.86	186.41	190.28	40.6	40.7	40.4	4.43	4.58	4.71
GEORGIA	144.18	147.81	150.86	40.5	39.0	39.7	3.56	3.79	3.80
Atlanta	164.61	177.87	180.85	39.1	38.5	39.4	4.21	4.62	4.59
Savannah	176.36	181.75	193.66	42.6	41.4	42.1	4.14	4.39	4.60

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		
	June 1974	May 1975	June 1975P	June 1974	May 1975	June 1975P	June 1974	May 1975	June 1975P
HAWAII	\$163.22	\$179.73	\$177.41	40.5	39.5	39.6	\$4.03	\$4.55	\$4.48
Honolulu	158.80	172.54	172.33	39.7	38.6	38.9	4.00	4.47	4.43
IDAHO	180.23	175.31	184.21	40.5	38.7	38.7	4.45	4.53	4.76
ILLINOIS	199.18	(*)	(*)	40.8	(*)	(*)	4.88	(*)	(*)
Chicago SMSA	199.11	(*)	(*)	40.8	(*)	(*)	4.88	(*)	(*)
Davenport—Rock Island—Moline	249.95	(*)	(*)	42.5	(*)	(*)	5.88	(*)	(*)
Decatur	222.26	(*)	(*)	41.3	(*)	(*)	5.39	(*)	(*)
Peoria	227.17	(*)	(*)	39.2	(*)	(*)	5.80	(*)	(*)
Rockford	199.47	(*)	(*)	43.0	(*)	(*)	4.64	(*)	(*)
Springfield	219.22	(*)	(*)	41.4	(*)	(*)	5.29	(*)	(*)
INDIANA	208.47	213.01	216.51	41.2	39.3	39.8	5.06	5.42	5.44
Indianapolis	209.75	215.97	(*)	41.7	39.7	(*)	5.03	5.44	(*)
IOWA	200.98	208.26	211.83	41.1	39.0	39.3	4.89	5.34	5.39
Cedar Rapids	198.21	212.40	213.84	40.7	39.7	39.6	4.87	5.35	5.40
Des Moines	221.49	212.80	212.38	41.4	38.0	37.0	5.35	5.60	5.74
Dubuque	235.78	240.54	243.32	40.7	38.0	38.5	5.80	6.33	6.32
Sioux City	158.39	189.73	187.11	39.4	39.2	38.9	4.02	4.84	4.81
Waterloo—Cedar Falls	250.02	255.42	267.58	41.6	38.7	39.7	6.01	6.60	6.74
KANSAS	172.57	186.49	186.95	41.5	41.1	40.9	4.15	4.54	4.57
Topeka	178.24	197.04	189.84	40.0	41.5	40.2	4.45	4.74	4.72
Wichita	191.18	211.39	210.98	42.9	42.3	41.6	4.45	5.00	5.07
KENTUCKY	171.57	176.56	(*)	39.9	38.3	(*)	4.30	4.61	(*)
Louisville	202.80	207.43	217.88	40.0	38.7	40.2	5.07	5.36	5.42
LOUISIANA	176.48	181.54	187.70	40.2	37.9	38.7	4.39	4.79	4.85
Baton Rouge	244.77	247.28	228.06	41.0	41.7	42.0	5.97	5.93	5.43
New Orleans	173.21	183.53	184.32	39.1	39.3	39.3	4.43	4.67	4.69
Shreveport	167.16	167.96	178.85	42.0	39.8	41.4	3.98	4.22	4.32
MAINE	140.65	146.15	150.88	40.3	39.5	39.6	3.49	3.70	3.81
Lewiston—Auburn	121.44	120.90	127.38	39.3	37.2	38.6	3.09	3.25	3.30
Portland	148.56	158.40	160.37	40.7	40.0	39.5	3.65	3.96	4.06
MARYLAND	184.34	190.79	197.00	39.9	38.7	39.4	4.62	4.93	5.00
Baltimore	192.00	198.78	205.40	40.0	38.9	39.5	4.80	5.11	5.20
MASSACHUSETTS	166.43	171.11	(*)	40.2	38.8	(*)	4.14	4.41	(*)
Boston	183.87	190.30	(*)	40.5	39.4	(*)	4.54	4.83	(*)
Brockton	137.77	143.26	(*)	38.7	37.7	(*)	3.56	3.80	(*)
Fall River	112.50	121.10	(*)	34.3	34.9	(*)	3.28	3.47	(*)
Lawrence—Haverhill	158.40	165.71	(*)	39.6	38.9	(*)	4.00	4.26	(*)
Lowell	150.52	163.94	(*)	39.3	39.6	(*)	3.83	4.14	(*)
New Bedford	134.31	144.74	(*)	37.0	37.4	(*)	3.63	3.87	(*)
Springfield—Chicopee—Holyoke	166.46	167.23	(*)	40.7	38.8	(*)	4.09	4.31	(*)
Worcester	174.47	177.49	(*)	40.2	38.5	(*)	4.34	4.61	(*)
MICHIGAN	235.44	238.08	243.89	41.9	39.7	40.2	5.62	6.00	6.07
Ann Arbor	259.27	253.75	259.53	43.7	40.1	40.4	5.93	6.33	6.42
Battle Creek	240.75	257.80	258.71	42.8	41.4	41.5	5.63	6.23	6.23
Bay City	243.87	259.44	268.48	45.9	44.5	45.1	5.31	5.83	5.95
Detroit	255.43	250.83	257.28	42.5	39.6	40.1	6.01	6.33	6.42
Flint	262.94	266.26	272.43	41.2	40.1	40.3	6.38	6.64	6.76
Grand Rapids	191.82	201.33	203.86	40.7	39.2	39.5	4.71	5.14	5.16
Jackson	220.90	225.50	226.71	42.4	40.5	40.9	5.21	5.57	5.54
Kalamazoo—Portage	207.57	216.43	220.51	41.3	39.8	40.1	5.03	5.44	5.50
Lansing—East Lansing	227.77	241.36	248.64	40.2	39.6	40.2	5.67	6.10	6.19
Muskegon—Muskegon Heights	208.87	214.11	217.39	41.9	40.3	40.4	4.99	5.31	5.38
Saginaw	262.92	268.17	279.49	41.7	39.7	40.6	6.31	6.76	6.88

See footnotes at end of table.

ESTABLISHMENT DATA STATE AND AREA HOURS AND EARNINGS

110

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

State and area	Average weekly earnings			Average weekly hours			Average hourly earnings		
	June 1974	May 1975	June 1975P	June 1974	May 1975	June 1975P	June 1974	May 1975	June 1975P
MINNESOTA	\$ 185.72	\$ 194.93	\$ 197.85	40.2	38.6	39.1	\$ 4.62	\$ 5.05	\$ 5.06
Duluth—Superior	184.13	190.96	191.44	41.1	39.7	39.8	4.48	4.81	4.81
Minneapolis—St. Paul	198.45	208.94	213.44	40.5	39.2	39.6	4.90	5.33	5.39
MISSISSIPPI	128.15	135.87	140.14	40.3	38.6	39.7	3.18	3.52	3.53
Jackson	131.22	147.70	148.99	40.5	40.8	41.5	3.24	3.62	3.59
MISSOURI	173.57	182.28	185.81	39.9	38.7	39.2	4.35	4.71	4.74
Kansas City	190.72	206.71	207.76	39.9	39.6	39.2	4.78	5.22	5.30
St. Joseph	166.82	183.96	182.78	41.6	40.7	40.8	4.01	4.52	4.48
St. Louis	204.27	209.52	215.82	41.1	38.8	39.6	4.97	5.40	5.45
Springfield	146.29	156.65	157.87	38.7	38.3	38.6	3.78	4.09	4.09
MONTANA	185.55	183.45	190.69	38.1	35.9	37.1	4.87	5.11	5.14
NEBRASKA	169.18	178.33	180.55	42.0	40.2	40.7	4.03	4.43	4.43
Lincoln	161.85	163.10	159.88	40.6	38.6	37.9	3.99	4.23	4.22
Omaha	179.15	194.64	199.53	40.9	40.5	41.0	4.38	4.81	4.87
NEVADA	187.85	204.37	201.08	39.3	38.2	38.3	4.78	5.35	5.25
Las Vegas	217.20	249.15	(*)	40.0	39.8	(*)	5.43	6.26	(*)
NEW HAMPSHIRE	143.42	151.32	153.66	39.4	38.9	39.2	3.64	3.89	3.92
Manchester	131.13	138.32	143.93	37.9	38.0	38.9	3.46	3.64	3.70
NEW JERSEY	186.59	194.40	197.96	41.1	40.0	40.4	4.54	4.86	4.90
Atlantic City	134.82	147.74	146.72	35.2	35.6	35.1	3.83	4.15	4.18
Camden ¹	180.14	176.87	181.66	40.3	38.2	38.9	4.47	4.63	4.67
Hackensack ²	182.70	184.47	190.79	40.6	39.0	39.5	4.50	4.73	4.83
Jersey City ²	187.09	187.78	190.22	41.3	39.7	40.3	4.53	4.73	4.72
Newark ²	193.12	204.35	206.17	41.8	41.2	41.4	4.62	4.96	4.98
New Brunswick—Perth Amboy—Sayreville ²	200.93	209.87	213.07	41.6	39.9	39.9	4.83	5.26	5.34
Paterson—Clifton—Passaic ²	179.45	189.41	192.92	40.6	40.3	40.7	4.42	4.70	4.74
Trenton	192.53	208.58	212.85	42.5	41.8	42.4	4.53	4.99	5.02
NEW MEXICO	129.09	140.34	144.26	39.0	39.2	39.2	3.31	3.58	3.68
Albuquerque	132.14	144.34	151.70	38.3	38.8	39.3	3.45	3.72	3.86
NEW YORK	178.60	186.62	(*)	39.6	38.4	(*)	4.51	4.86	(*)
Albany—Schenectady—Troy	189.14	190.22	(*)	40.5	38.9	(*)	4.67	4.89	(*)
Binghamton	170.16	181.15	(*)	41.2	39.9	(*)	4.13	4.54	(*)
Buffalo	223.30	228.52	(*)	41.2	39.4	(*)	5.42	5.80	(*)
Elmira	175.82	180.71	(*)	40.7	39.2	(*)	4.32	4.61	(*)
Monroe County ³	218.59	235.17	(*)	41.4	40.2	(*)	5.28	5.85	(*)
Nassau—Suffolk ⁴	172.00	182.66	(*)	40.0	38.7	(*)	4.30	4.72	(*)
New York—Northeastern New Jersey	176.22	184.51	(*)	39.6	38.6	(*)	4.45	4.78	(*)
New York and Nassau—Suffolk ²	165.02	174.66	(*)	38.2	37.4	(*)	4.32	4.67	(*)
New York SMSA ⁴	163.73	172.89	(*)	37.9	37.1	(*)	4.32	4.66	(*)
New York City ⁵	162.43	172.32	(*)	37.6	36.9	(*)	4.32	4.67	(*)
Poughkeepsie	188.96	190.32	(*)	40.9	39.0	(*)	4.62	4.88	(*)
Rochester	208.28	226.00	(*)	41.0	40.0	(*)	5.08	5.65	(*)
Rockland County ⁵	174.71	184.22	(*)	41.4	40.4	(*)	4.22	4.56	(*)
Syracuse	202.92	198.90	(*)	42.1	39.7	(*)	4.82	5.01	(*)
Utica—Rome	162.41	168.13	(*)	40.3	39.1	(*)	4.03	4.30	(*)
Westchester County	175.12	179.88	(*)	39.8	38.6	(*)	4.40	4.66	(*)
NORTH CAROLINA	131.67	131.83	134.94	39.9	38.1	39.0	3.30	3.46	3.46
Asheville	129.12	128.86	132.74	40.1	37.9	38.7	3.22	3.40	3.43
Charlotte—Gastonia	136.53	131.71	133.77	41.0	38.4	39.0	3.33	3.43	3.43
Greensboro—Winston-Salem—High Point	141.37	142.88	148.21	39.6	37.8	38.9	3.57	3.78	3.81
Raleigh—Durham	145.76	148.20	150.92	39.5	38.0	38.5	3.69	3.90	3.92
NORTH DAKOTA	153.90	167.06	170.85	40.5	39.4	40.2	3.80	4.24	4.25
Fargo—Moorhead	164.40	175.87	186.53	40.0	38.4	40.2	4.11	4.58	4.64

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		
	June 1974	May 1975	June 1975P	June 1974	May 1975	June 1975P	June 1974	May 1975	June 1975P
OHIO	\$213.09	\$217.31	\$220.55	41.7	39.8	40.1	\$5.11	\$5.46	\$5.50
Akron	228.86	231.09	233.45	43.1	40.9	41.1	5.31	5.65	5.68
Canton	217.35	219.29	221.76	41.4	39.3	39.6	5.25	5.58	5.60
Cincinnati	203.83	205.84	207.36	42.2	40.6	40.5	4.83	5.07	5.12
Cleveland	223.75	221.69	225.92	42.7	39.8	40.2	5.24	5.57	5.62
Columbus	186.44	202.52	206.44	39.5	39.4	39.7	4.72	5.14	5.20
Dayton	222.38	228.98	232.06	41.8	40.6	41.0	5.32	5.64	5.66
Toledo	224.10	229.88	233.54	41.5	40.4	40.9	5.40	5.69	5.71
Youngstown—Warren	237.86	238.77	245.70	40.8	37.9	39.0	5.83	6.30	6.30
OKLAHOMA	158.34	172.22	173.45	40.6	39.5	39.6	3.90	4.36	4.38
Oklahoma City	158.01	170.08	174.64	39.8	39.1	39.6	3.97	4.35	4.41
Tulsa	174.12	189.60	190.56	40.4	40.0	39.7	4.31	4.74	4.80
OREGON	203.41	208.74	(*)	40.2	38.3	(*)	5.06	5.45	(*)
Eugene—Springfield	220.28	212.86	(*)	42.2	39.2	(*)	5.22	5.43	(*)
Jackson County	221.20	194.18	(*)	41.5	36.5	(*)	5.33	5.32	(*)
Portland	191.28	211.03	(*)	38.8	38.3	(*)	4.93	5.51	(*)
PENNSYLVANIA	180.58	186.69	188.54	39.6	38.1	38.4	4.56	4.90	4.91
Allentown—Bethlehem—Easton	177.17	185.60	187.34	38.6	37.8	38.0	4.59	4.91	4.93
Altoona	146.65	157.54	158.76	38.9	37.6	37.8	3.77	4.19	4.20
Delaware Valley ⁶	184.06	194.18	199.68	40.1	38.3	39.0	4.59	5.07	5.12
Erie	195.08	202.13	204.27	42.5	41.0	41.1	4.59	4.93	4.97
Harrisburg	171.28	173.55	176.67	40.3	39.0	39.7	4.25	4.45	4.45
Johnstown	196.98	213.55	206.27	38.7	37.4	36.9	5.09	5.71	5.59
Lancaster	160.27	169.30	168.83	38.9	39.1	38.9	4.12	4.33	4.34
Northeast Pennsylvania	133.96	138.02	140.40	36.5	35.3	36.0	3.67	3.91	3.90
Philadelphia SMSA	184.12	192.27	197.34	40.2	38.3	39.0	4.58	5.02	5.06
Pittsburgh	225.60	225.61	222.91	41.7	39.1	38.7	5.41	5.77	5.76
Reading	164.16	169.99	174.33	38.9	38.2	39.0	4.22	4.45	4.47
Scranton ⁷	127.02	136.15	140.04	34.8	35.0	36.0	3.65	3.89	3.89
Wilkes-Barre—Hazleton ⁸	132.86	135.17	135.94	36.5	35.2	35.4	3.64	3.84	3.84
Williamsport	160.77	171.05	172.48	39.5	38.7	39.2	4.07	4.42	4.40
York	165.15	174.87	175.77	41.6	40.2	40.5	3.97	4.35	4.34
RHODE ISLAND	142.66	146.67	148.22	39.3	38.7	38.7	3.63	3.79	3.83
Providence—Warwick—Pawtucket	142.99	146.29	148.22	39.5	38.6	38.7	3.62	3.79	3.83
SOUTH CAROLINA	137.09	136.96	140.94	40.8	38.8	39.7	3.36	3.53	3.55
Charleston	151.66	158.01	160.80	41.1	39.7	40.3	3.69	3.98	3.99
Columbia	136.68	143.58	143.95	40.2	38.7	38.8	3.40	3.71	3.71
Greenville—Spartanburg	138.72	135.10	141.15	40.8	38.6	40.1	3.40	3.50	3.52
SOUTH DAKOTA	156.16	166.44	173.44	42.9	40.3	41.1	3.64	4.13	4.22
Sioux Falls	197.16	222.00	224.60	46.5	43.7	44.3	4.24	5.08	5.07
TENNESSEE	146.88	153.66	157.54	40.8	39.5	40.5	3.60	3.89	3.89
Chattanooga	156.56	165.60	169.28	41.2	40.0	40.4	3.80	4.14	4.19
Knoxville	175.56	171.38	176.40	41.7	38.6	40.0	4.21	4.44	4.41
Memphis	173.88	184.57	182.28	41.4	40.3	39.8	4.20	4.58	4.58
Nashville—Davidson	153.12	156.21	163.10	40.4	38.1	39.3	3.79	4.10	4.15
TEXAS	167.28	180.85	185.69	41.1	40.1	40.9	4.07	4.51	4.54
Amarillo	149.52	162.35	163.12	42.0	39.5	39.4	3.56	4.11	4.14
Austin	134.60	150.33	150.33	40.3	41.3	41.3	3.34	3.64	3.64
Beaumont—Port Arthur—Orange	217.83	241.20	236.40	41.1	40.2	39.4	5.30	6.00	6.00
Corpus Christi	198.94	192.92	188.76	42.6	40.7	39.0	4.67	4.74	4.84
Dallas—Fort Worth ⁹	157.99	172.33	175.77	40.2	39.8	40.5	3.93	4.33	4.34
El Paso	117.12	125.43	133.23	39.7	37.0	39.3	2.95	3.39	3.39
Galveston—Texas City	254.28	283.19	294.34	44.3	43.5	44.8	5.74	6.51	6.57
Houston	206.93	218.92	218.72	43.2	42.1	41.9	4.79	5.20	5.22
Lubbock	124.82	140.85	146.26	39.5	39.9	41.2	3.16	3.53	3.55
San Antonio	130.97	142.33	141.50	40.8	40.9	40.2	3.21	3.48	3.52
Waco	143.97	143.61	144.36	40.9	38.5	38.6	3.52	3.73	3.74
Wichita Falls	126.63	155.09	159.09	40.2	40.6	42.2	3.15	3.82	3.77
UTAH	155.23	155.90	156.62	39.7	38.4	38.2	3.91	4.06	4.10
Salt Lake City—Ogden	153.65	153.25	153.60	39.6	38.7	38.4	3.88	3.96	4.00

See footnotes at end of table.

ESTABLISHMENT DATA
STATE AND AREA HOURS AND EARNINGS

112

**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		
	June 1974	May 1975	June 1975P	June 1974	May 1975	June 1975P	June 1974	May 1975	June 1975P
VERMONT	\$156.94	\$160.40	\$163.22	41.3	39.9	40.3	\$3.80	\$4.02	\$4.05
Burlington	172.63	178.53	184.50	41.3	40.3	41.0	4.18	4.43	4.50
Springfield	179.76	185.54	187.83	42.0	40.6	41.1	4.28	4.57	4.57
VIRGINIA	144.08	153.23	157.60	39.8	38.5	39.4	3.62	3.98	4.00
Lynchburg	147.68	147.83	152.48	41.6	38.2	39.3	3.55	3.87	3.88
Norfolk—Virginia Beach—Portsmouth	146.33	155.63	159.20	40.2	39.5	40.0	3.64	3.94	3.98
Northern Virginia ¹⁰	175.24	192.66	199.39	40.1	39.0	40.2	4.37	4.94	4.96
Richmond	161.82	176.40	181.37	38.9	38.6	39.6	4.16	4.57	4.58
Roanoke	134.46	136.14	139.37	39.9	37.3	38.5	3.37	3.65	3.62
WASHINGTON	207.50	219.57	222.48	39.6	39.0	39.1	5.24	5.63	5.69
Seattle—Everett	208.82	228.54	231.08	39.4	39.2	39.3	5.30	5.83	5.88
Spokane	190.30	198.26	193.88	39.4	38.2	37.0	4.83	5.19	5.24
Tacoma	207.50	223.30	229.86	39.3	38.5	39.7	5.28	5.80	5.79
WEST VIRGINIA	179.60	187.70	190.71	40.0	38.7	39.0	4.49	4.85	4.89
Charleston	206.15	224.27	227.01	41.9	41.0	41.2	4.92	5.47	5.51
Huntington—Ashland	194.08	208.51	209.41	40.1	38.4	37.8	4.84	5.43	5.54
Wheeling	186.71	201.45	205.32	40.5	39.5	40.9	4.61	5.10	5.02
WISCONSIN	198.16	207.19	210.49	41.5	39.9	40.2	4.78	5.20	5.24
Appleton—Oshkosh	195.12	198.11	201.25	42.7	40.3	40.6	4.57	4.92	4.96
Green Bay	204.51	207.80	217.63	42.8	40.0	41.6	4.77	5.20	5.23
Kenosha	245.69	257.65	287.03	42.0	40.5	43.6	5.84	6.37	6.59
La Crosse	167.05	188.59	190.79	42.1	41.9	42.3	3.97	4.50	4.51
Madison	207.32	220.71	235.85	40.5	39.1	40.4	5.12	5.65	5.84
Milwaukee	217.35	226.19	228.76	41.5	39.9	40.0	5.23	5.66	5.72
Racine	207.82	227.09	226.68	41.0	39.6	39.7	5.07	5.73	5.72
WYOMING	192.66	206.59	(*)	39.0	39.5	(*)	4.94	5.23	(*)
Casper	224.70	246.62	(*)	42.0	40.1	(*)	5.35	6.15	(*)
Cheyenne	214.76	175.74	(*)	33.4	30.3	(*)	6.43	5.80	(*)

¹ Subarea of Philadelphia, Pennsylvania Standard Metropolitan Statistical Area: Burlington, Camden, and Gloucester Counties, New Jersey.

² Area included in New York—Northeastern New Jersey Standard Consolidated Area.

³ Subarea of Rochester Standard Metropolitan Statistical Area.

⁴ Area included in New York and Nassau—Suffolk combined SMSA's.

⁵ Subarea of New York Standard Metropolitan Statistical Area.

⁶ Subarea of Philadelphia, Pennsylvania Standard Metropolitan Statistical Area: Bucks, Chester, Delaware, Montgomery, and Philadelphia Counties, Pennsylvania.

⁷ Subarea of Northeast Pennsylvania Standard Metropolitan Statistical Area: Lackawanna County.

⁸ Subarea of Northeast Pennsylvania Standard Metropolitan Statistical Area: Luzerne County.

⁹ New Standard Metropolitan Statistical Area consolidating the Dallas and Fort Worth areas. See table B-8.

¹⁰ Subarea of Washington, D.C. Standard Metropolitan Statistical Area: Alexandria, Fairfax, and Falls Church cities and Arlington, Fairfax, Loudoun and Prince William Counties, Virginia.

* Not available.

p= preliminary.

SOURCE: Cooperating State agencies listed on inside back cover.

D-1. Labor turnover rates in manufacturing 1963 to date

(Per 100 employees)

Year	Annual average	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
Total accessions													
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	4.9	5.3	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	6.2	5.7	5.2	3.8	2.6
1974.....	4.2	4.2	3.7	4.0	4.4	5.1	5.4 ^P	4.8	5.5	4.9	3.8	2.4	1.8
1975.....	-	3.0	2.7	3.2	3.7	4.0	4.5 ^P						
New hires													
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.....	2.6	2.0	1.9	2.2	2.3	2.7	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	4.3	3.8	2.9	2.0
1973.....	3.9	3.5	3.1	3.5	3.6	4.4	5.0	4.1	5.0	4.8	4.4	3.1	2.0
1974.....	3.2	3.2	2.7	3.0	3.3	3.9	4.3 ^P	3.7	4.2	3.9	2.9	1.7	1.0
1975.....	-	1.3	1.2	1.3	1.6	2.0	2.6 ^P						
Total separations													
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	3.8	3.9	4.2	4.8	5.4	5.3	4.3	3.7	3.7
1973.....	4.6	4.3	3.7	4.2	4.1	4.4	4.5	5.1	6.5	5.7	4.9	4.2	3.9
1974.....	4.8	4.9	4.0	4.4	4.2	4.4	4.2	4.9	6.2	5.5	5.1	5.0	5.2
1975.....	-	6.2	4.5	4.2	4.0	3.9	3.7 ^P						
Quits													
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	2.0	1.5	1.2
1972.....	2.2	1.7	1.6	1.9	2.0	2.2	2.2	2.2	3.6	3.5	2.5	1.9	1.6
1973.....	2.7	2.2	2.1	2.5	2.5	2.7	2.8	2.8	4.6	3.9	3.0	2.2	1.6
1974.....	2.3	2.2	1.9	2.3	2.4	2.6	2.5	2.5	4.0	3.2	2.2	1.4	.9
1975.....	-	1.1	.9	1.0	1.1	1.3	1.4 ^P						
Layoffs													
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	.7	.8	.7	.6	.6	1.4	.8	.7	.8	1.1	1.5
1974.....	1.5	1.7	1.2	1.1	.9	.8	.8	1.4	1.1	1.2	1.8	2.8	3.6
1975.....	-	4.1	2.9	2.5	2.1	1.8	1.5 ^P						

p=preliminary.

ESTABLISHMENT DATA LABOR TURNOVER

114

D-2. Labor turnover rates, by industry

[Per 100 employees]

SIC Code	Industry	Accession rates				Separation rates					
		Total		New hires		Total		Quits		Layoffs	
		May 1975	June 1975 ^P	May 1975	June 1975 ^P	May 1975	June 1975 ^P	May 1975	June 1975 ^P	May 1975	June 1975 ^P
-	MANUFACTURING	4.0	4.5	2.0	2.6	3.9	3.7	1.3	1.4	1.8	1.5
19,24,25,32-39	DURABLE GOODS	3.5	4.0	1.5	2.0	3.7	3.5	1.0	1.1	1.9	1.6
20-23,26-31	NONDURABLE GOODS	4.6	5.2	2.7	3.4	4.1	3.9	1.7	1.8	1.7	1.4
	DURABLE GOODS										
19	ORDNANCE AND ACCESSORIES	1.5	-	.9	-	1.6	-	.5	-	.6	-
192	Ammunition, except for small arms	1.5	-	.8	-	1.6	-	.4	-	.7	-
24	LUMBER AND WOOD PRODUCTS	7.9	8.1	4.6	5.6	4.8	4.4	2.5	2.5	1.3	1.1
242	Sawmills and planing mills	7.5	-	4.5	-	4.2	-	2.4	-	.9	-
2421	Sawmills and planing mills, general	7.4	-	4.5	-	4.1	-	2.4	-	.8	-
243	Millwork, plywood and related products	8.0	-	4.8	-	4.6	-	2.5	-	1.1	-
2431	Millwork	8.0	-	5.2	-	4.0	-	2.3	-	.8	-
2432	Veneer and plywood	6.2	-	4.0	-	4.6	-	2.7	-	1.0	-
244	Wooden containers	10.2	-	7.0	-	6.0	-	4.0	-	1.5	-
2441,2	Wooden boxes, shooks, and crates	8.8	-	6.1	-	5.9	-	3.9	-	1.5	-
249	Miscellaneous wood products	6.4	-	3.9	-	6.4	-	2.5	-	2.8	-
25	FURNITURE AND FIXTURES	5.2	5.5	2.9	3.6	4.8	4.2	1.9	1.9	2.1	1.5
251	Household furniture	5.7	-	3.3	-	4.8	-	2.1	-	1.9	-
2511	Wood household furniture	6.2	-	3.6	-	5.3	-	2.4	-	2.1	-
2512	Upholstered household furniture	4.4	-	2.5	-	2.9	-	1.6	-	.6	-
2515	Mattresses and bedsprings	4.2	-	3.4	-	4.1	-	2.0	-	1.2	-
252	Office furniture	3.8	-	.7	-	4.7	-	1.0	-	3.1	-
32	STONE, CLAY, AND GLASS PRODUCTS	4.6	4.8	2.3	2.8	3.8	3.8	1.2	1.5	1.9	1.6
321	Flat glass	5.6	-	.8	-	3.5	-	.4	-	2.3	-
322	Glass and glassware, pressed or blown	3.7	-	1.7	-	3.0	-	.8	-	1.4	-
3221	Glass containers	4.7	-	2.5	-	3.1	-	.9	-	1.5	-
3229	Pressed and blown glass, nec	2.3	-	.5	-	3.0	-	.7	-	1.4	-
324	Cement, hydraulic	4.8	-	1.4	-	3.2	-	.2	-	2.4	-
325	Structural clay products	5.8	-	3.3	-	3.9	-	2.0	-	1.3	-
3251	Brick and structural clay tile	8.6	-	4.8	-	4.4	-	3.1	-	.8	-
326	Pottery and related products	2.8	-	1.2	-	3.6	-	1.2	-	1.4	-
3291	Abrasive products	1.5	-	.5	-	4.1	-	.5	-	2.8	-
33	PRIMARY METAL INDUSTRIES	2.7	3.2	.7	1.0	3.8	3.7	.6	.6	2.4	2.2
331	Blast furnaces and basic steel products	2.5	-	.4	-	4.6	-	.3	-	3.5	-
3312	Blast furnaces and steel mills	2.4	-	.3	-	4.7	-	.2	-	3.6	-
332	Iron and steel foundries	3.0	-	1.4	-	3.6	-	1.4	-	1.3	-
3321	Gray iron foundries	2.7	-	1.0	-	3.5	-	1.3	-	1.3	-
3322	Malleable iron foundries	3.7	-	.5	-	3.1	-	1.1	-	1.1	-
3323	Steel foundries	3.3	-	2.7	-	4.1	-	1.6	-	1.3	-
333,4	Nonferrous metals	2.0	-	.7	-	2.7	-	.5	-	1.5	-
335	Nonferrous rolling and drawing	3.0	-	.5	-	2.5	-	.4	-	1.3	-
3351	Copper rolling and drawing	3.2	-	.4	-	3.1	-	.3	-	2.1	-
3352	Aluminum rolling and drawing	3.3	-	.5	-	2.5	-	.4	-	1.3	-
3357	Nonferrous wire drawing, and insulating	3.0	-	.4	-	2.3	-	.4	-	1.1	-
336	Nonferrous foundries	3.3	-	.8	-	3.7	-	1.0	-	2.1	-
3361	Aluminum castings	3.0	-	.9	-	4.2	-	1.1	-	2.4	-
3362,9	Other nonferrous castings	3.7	-	.8	-	3.1	-	.8	-	1.7	-
339	Miscellaneous primary metal products	2.8	-	1.5	-	2.8	-	.8	-	1.4	-
3391	Iron and steel forgings	2.8	-	1.8	-	2.4	-	.7	-	1.1	-
34	FABRICATED METAL PRODUCTS	4.1	-	1.7	-	4.4	-	1.1	-	2.5	-
341	Metal cans	6.3	-	1.1	-	5.3	-	.5	-	3.2	-
342	Cutlery, hand tools, and hardware	3.0	-	.9	-	4.0	-	.9	-	2.6	-
3421,3,5	Cutlery and hand tools, incl. saws	1.6	-	.9	-	4.9	-	1.0	-	3.3	-
3429	Hardware, nec	4.1	-	.9	-	3.4	-	.8	-	2.1	-
343	Plumbing and heating, except electric	4.4	-	1.4	-	3.5	-	1.2	-	1.7	-
3431,2	Sanitary ware and plumbers' brass goods	3.4	-	1.3	-	2.7	-	.9	-	1.3	-
3433	Heating equipment, except electric	5.2	-	1.5	-	4.2	-	1.5	-	2.0	-
344	Fabricated structural metal products	4.2	-	2.8	-	4.0	-	1.5	-	1.7	-
3441	Fabricated structural steel	3.8	-	2.9	-	4.1	-	1.7	-	1.4	-
3443	Fabricated plate work (boiler shops)	2.2	-	1.8	-	2.8	-	1.0	-	1.1	-
3446,9	Architectural and misc. metal work	3.5	-	2.2	-	5.3	-	1.7	-	2.8	-
345	Screw machine products, bolts, etc.	1.8	-	.9	-	4.3	-	.9	-	2.9	-
3452	Bolts, nuts, rivets, and washers	1.0	-	.6	-	3.4	-	.5	-	2.4	-

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	
		May 1975	June 1975 ^P	May 1975	June 1975 ^P	May 1975	June 1975 ^P	May 1975	June 1975 ^P	May 1975	June 1975 ^P
	DURABLE GOODS — Continued										
	FABRICATED METAL PRODUCTS — Continued										
346	Metal stampings	4.1	-	0.8	-	4.1	-	0.7	-	2.6	-
348	Miscellaneous fabricated wire products	4.6	-	1.5	-	4.3	-	1.4	-	2.4	-
349	Miscellaneous fabricated metal products	2.7	-	1.5	-	3.4	-	1.1	-	1.8	-
3494,8	Valves, pipe, and pipe fittings	2.3	-	1.5	-	2.9	-	1.1	-	1.2	-
35	MACHINERY, EXCEPT ELECTRICAL	2.2	2.8	1.1	1.4	3.5	3.3	.9	0.9	1.9	1.6
351	Engines and turbines	1.7	-	.4	-	4.0	-	.4	-	2.7	-
3511	Steam engines and turbines	1.2	-	.3	-	1.7	-	.3	-	.2	-
3519	Internal combustion engines, nec	2.0	-	.4	-	5.7	-	.5	-	4.5	-
352	Farm machinery	2.2	-	1.2	-	6.0	-	1.4	-	3.4	-
353	Construction and related machinery	2.2	-	1.7	-	2.8	-	1.0	-	1.1	-
3531,2	Construction and mining machinery	1.7	-	1.3	-	2.5	-	.7	-	1.3	-
3533	Oil field machinery	4.0	-	3.7	-	3.3	-	2.0	-	.2	-
3535,6	Conveyors, hoists, cranes, monorails	2.2	-	1.8	-	2.3	-	.9	-	.7	-
354	Metal working machinery	1.9	-	.8	-	3.7	-	.7	-	2.4	-
3541	Machine tools, metal cutting types	1.1	-	.6	-	2.7	-	.6	-	1.6	-
3545	Machine tool accessories	1.2	-	.6	-	3.0	-	.7	-	1.6	-
3542,8	Miscellaneous metal working machinery	1.1	-	.6	-	3.0	-	.7	-	1.9	-
355	Special industry machinery	1.6	-	1.1	-	3.0	-	.9	-	1.5	-
3551	Food products machinery	1.6	-	1.2	-	3.1	-	.9	-	1.6	-
3552	Textile machinery	1.9	-	.8	-	4.3	-	.9	-	2.5	-
356	General industrial machinery	2.4	-	1.0	-	3.1	-	.7	-	1.7	-
3561	Pumps and compressors	2.7	-	1.0	-	2.6	-	.9	-	1.1	-
3562	Ball and roller bearings	3.0	-	.5	-	4.5	-	.4	-	2.8	-
3566	Power transmission equipment	1.7	-	.9	-	3.0	-	.5	-	1.9	-
357	Office and computing machines	1.4	-	.7	-	2.5	-	.8	-	1.0	-
3573	Electronic computing equipment	1.4	-	.7	-	2.4	-	.8	-	.8	-
358	Service industry machines	2.9	-	1.4	-	4.5	-	1.0	-	2.5	-
3585	Refrigeration machinery	3.3	-	1.4	-	5.0	-	.9	-	2.8	-
36	ELECTRICAL EQUIPMENT AND SUPPLIES	2.7	-	.8	-	3.1	-	.8	-	1.6	-
361	Electric test and distributing equipment	1.8	-	.7	-	3.0	-	.8	-	1.4	-
3611	Electric measuring instruments	2.3	-	1.2	-	2.4	-	1.3	-	.4	-
3612	Transformers	1.4	-	.3	-	4.1	-	.5	-	2.6	-
3613	Switchgear and switchboard apparatus	1.6	-	.5	-	2.7	-	.6	-	1.4	-
362	Electrical industrial apparatus	2.1	-	.6	-	3.5	-	.7	-	2.2	-
3621	Motors and generators	2.8	-	.6	-	4.5	-	.7	-	3.0	-
3622	Industrial controls	1.4	-	.4	-	2.2	-	.6	-	.9	-
363	Household appliances	5.1	-	1.2	-	3.8	-	.9	-	2.0	-
3632	Household refrigerators and freezers	7.9	-	.7	-	7.0	-	.5	-	5.3	-
3633	Household laundry equipment	3.5	-	.4	-	1.7	-	.4	-	.5	-
3634	Electric housewares and fans	2.7	-	1.5	-	3.6	-	1.4	-	1.7	-
364	Electric lighting and wiring equipment	3.0	-	.9	-	3.1	-	.8	-	1.6	-
3641	Electric lamps	2.1	-	.5	-	2.3	-	.4	-	1.1	-
3642	Lighting fixtures	3.6	-	1.2	-	3.9	-	1.1	-	2.0	-
3643,4	Wiring devices	2.9	-	.9	-	2.7	-	.7	-	1.5	-
365	Radio and TV receiving equipment	5.7	-	.9	-	3.5	-	1.2	-	1.2	-
366	Communication equipment	1.3	-	.7	-	2.7	-	.5	-	1.6	-
3661	Telephone and telegraph apparatus .....	.6	-	.1	-	3.1	-	.3	-	2.5	-
3662	Radio and TV communication equipment	1.6	-	1.0	-	2.5	-	.6	-	1.1	-
367	Electronic components and accessories	2.7	-	1.0	-	3.4	-	1.0	-	1.6	-
3671-3	Electron tubes	2.4	-	1.0	-	3.0	-	.6	-	1.3	-
3674,9	Other electronic components	2.7	-	1.0	-	3.5	-	1.1	-	1.6	-
369	Miscellaneous electrical equipment and supplies	3.4	-	.8	-	2.4	-	.7	-	1.0	-
3694	Engine electrical equipment	3.2	-	.5	-	2.3	-	.5	-	1.1	-
37	TRANSPORTATION EQUIPMENT	3.7	-	1.4	-	3.4	-	.9	-	1.7	-
371	Motor vehicles and equipment	3.5	-	.5	-	3.0	-	.6	-	1.6	-
3711	Motor vehicles	2.8	-	.4	-	2.9	-	.8	-	1.5	-
3712	Passenger car bodies	3.8	-	.5	-	1.9	-	.6	-	.6	-
3713	Truck and bus bodies	4.0	-	1.8	-	4.0	-	1.0	-	2.6	-
3714	Motor vehicle parts and accessories	3.9	-	.4	-	2.8	-	.5	-	1.4	-
372	Aircraft and parts	1.2	-	.6	-	2.3	-	.5	-	1.2	-
3721	Aircraft	1.2	-	.5	-	2.4	-	.5	-	1.5	-
3722	Aircraft engines and engine parts .....	.9	-	.3	-	2.0	-	.3	-	.9	-
3723,9	Other aircraft parts and equipment	1.8	-	1.2	-	2.8	-	.8	-	1.2	-
373	Ship and boat building and repairing	6.4	-	4.2	-	5.5	-	2.2	-	2.1	-
3731	Ship building and repairing	6.4	-	4.0	-	5.6	-	2.0	-	2.3	-
374	Railroad equipment	3.8	-	1.1	-	4.2	-	.6	-	2.3	-
375,9	Other transportation equipment	11.4	-	5.3	-	6.7	-	2.5	-	2.9	-

See footnotes at end of table.

ESTABLISHMENT DATA LABOR TURNOVER

116

D-2. Labor turnover rates, by industry—Continued

[Per 100 employees]

SIC Code	Industry	Accession rates				Separation rates					
		Total		New hires		Total		Quits		Layoffs	
		May 1975	June 1975P	May 1975	June 1975P	May 1975	June 1975P	May 1975	June 1975P	May 1975	June 1975P
	DURABLE GOODS — Continued										
38	INSTRUMENTS AND RELATED PRODUCTS	2.5	3.1	1.4	1.9	2.7	2.4	0.9	1.0	1.1	0.7
381	Engineering and scientific instruments	1.5	-	1.1	-	1.8	-	.8	-	.7	-
382	Mechanical measuring and control devices	2.2	-	.9	-	2.4	-	.8	-	.8	-
3821	Mechanical measuring devices	1.6	-	1.0	-	2.2	-	.8	-	.8	-
3822	Automatic temperature controls	3.5	-	.7	-	2.8	-	.8	-	.9	-
383,5	Optical and ophthalmic goods	3.9	-	2.1	-	5.6	-	1.3	-	3.7	-
384	Medical instruments and supplies	3.2	-	2.0	-	3.0	-	1.2	-	1.1	-
386	Photographic equipment and supplies	1.5	-	1.1	-	1.1	-	.4	-	.3	-
387	Watches, clocks, and watchcases	4.0	-	1.1	-	4.8	-	1.6	-	1.7	-
39	MISCELLANEOUS MANUFACTURING INDUSTRIES	5.4	5.4	2.7	3.1	4.9	4.5	1.7	1.6	2.4	2.0
391	Jewelry, silverware, and plated ware	3.1	-	1.5	-	4.0	-	1.3	-	2.0	-
394	Toys and sporting goods	8.8	-	4.4	-	7.2	-	2.4	-	3.7	-
3941-3	Games, toys, dolls and play vehicles	11.4	-	5.9	-	6.3	-	2.8	-	2.4	-
3949	Sporting and athletic goods, nec	5.5	-	2.5	-	8.3	-	1.9	-	5.4	-
395	Pens, pencils, office and art supplies	2.4	-	1.6	-	3.1	-	.9	-	1.6	-
396	Costume jewelry and notions	6.2	-	2.8	-	4.9	-	1.8	-	2.4	-
393,9	Other manufacturing industries	4.0	-	2.0	-	3.9	-	1.3	-	1.8	-
	NONDURABLE GOODS										
20	FOOD AND KINDRED PRODUCTS	6.3	7.8	4.1	5.6	5.0	5.3	2.1	2.3	2.1	2.2
201	Meat products	6.6	-	4.2	-	6.2	-	2.9	-	2.2	-
2011	Meat packing plants	4.8	-	2.1	-	5.7	-	1.4	-	3.2	-
2015	Poultry dressing plants	10.7	-	8.2	-	8.2	-	6.3	-	.8	-
204	Grain mill products	3.8	-	2.4	-	3.3	-	1.5	-	1.2	-
2041	Flour and other grain mill products	3.7	-	2.3	-	4.6	-	1.2	-	2.8	-
2042	Prepared feeds for animals and fowls	4.0	-	2.9	-	3.3	-	2.1	-	.5	-
205	Bakery products	4.1	-	3.1	-	2.3	-	1.5	-	.3	-
2051	Bread, cake, and related products	3.9	-	3.2	-	2.2	-	1.5	-	.3	-
2052	Cookies and crackers	4.9	-	2.5	-	2.4	-	1.4	-	.3	-
207	Confectionery and related products	6.2	-	2.1	-	5.0	-	1.4	-	3.1	-
2071	Confectionery products	7.6	-	2.5	-	5.0	-	1.7	-	2.7	-
208	Beverages	6.4	-	4.5	-	4.0	-	1.9	-	1.4	-
2082	Malt liquors	5.6	-	2.2	-	3.9	-	.5	-	2.8	-
21	TOBACCO MANUFACTURES	2.1	4.8	.6	2.2	3.0	3.3	.6	.7	1.4	2.1
211	Cigarettes	2.1	-	.5	-	1.4	-	.2	-	.2	-
212	Cigars	.9	-	.6	-	4.3	-	1.6	-	2.1	-
22	TEXTILE MILL PRODUCTS	5.0	4.9	3.1	3.5	4.4	4.1	2.3	2.3	1.2	.8
221	Weaving mills, cotton	4.4	-	2.9	-	4.2	-	2.5	-	.8	-
222	Weaving mills, synthetics	4.8	-	3.4	-	5.1	-	2.9	-	1.1	-
223	Weaving and finishing mills, wool	5.0	-	2.6	-	5.0	-	2.0	-	2.3	-
224	Narrow fabric mills	5.9	-	2.8	-	5.2	-	1.8	-	2.7	-
225	Knitting mills	5.1	-	3.0	-	4.8	-	2.1	-	2.0	-
2251	Women's hosiery, except socks	4.3	-	3.3	-	3.8	-	2.2	-	.9	-
2252	Hosiery, nec	4.3	-	2.8	-	4.6	-	2.3	-	1.5	-
2254	Knit underwear mills	3.9	-	2.1	-	4.4	-	2.2	-	1.6	-
226	Textile finishing, except wool	4.5	-	3.2	-	2.7	-	1.6	-	.4	-
227	Floor covering mills	4.2	-	2.4	-	3.5	-	1.5	-	1.2	-
228	Yarn and thread mills	6.1	-	4.1	-	4.5	-	3.1	-	.5	-
229	Miscellaneous textile goods	4.9	-	2.1	-	3.6	-	1.3	-	1.2	-
23	APPAREL AND OTHER TEXTILE PRODUCTS	6.3	5.7	3.4	3.7	6.2	5.2	2.4	2.4	3.0	2.1
231	Men's and boys' suits and coats	7.8	-	1.7	-	6.0	-	1.4	-	3.8	-
232	Men's and boys' furnishings	6.5	-	3.9	-	6.1	-	3.2	-	2.2	-
2321	Men's and boys' shirts and nightwear	5.4	-	3.7	-	5.5	-	3.0	-	1.8	-
2327	Men's and boys' separate trousers	5.8	-	3.8	-	4.9	-	3.1	-	1.2	-
2328	Men's and boys' work clothing	7.0	-	4.7	-	5.9	-	3.8	-	1.3	-
234	Women's and children's undergarments	5.3	-	3.6	-	5.1	-	2.6	-	1.6	-
2341	Women's and children's underwear	6.0	-	4.1	-	5.6	-	2.9	-	1.6	-
2342	Corsets and allied garments	3.3	-	2.0	-	3.7	-	1.6	-	1.4	-
26	PAPER AND ALLIED PRODUCTS	3.1	4.5	1.2	2.1	3.0	3.2	.8	.9	1.6	1.6
261,2,6	Paper and pulp mills	3.2	-	1.1	-	2.8	-	.5	-	1.8	-
263	Paperboard mills	2.1	-	.9	-	2.5	-	.8	-	1.3	-

See footnotes at end of table.

D-2. Labor turnover rates, by industry—Continued

[Per 100 employees]

SIC Code	Industry	Accession rates				Separation rates					
		Total		New hires		Total		Quits		Layoffs	
		May 1975	June 1975 ^p	May 1975	June 1975 ^p	May 1975	June 1975 ^p	May 1975	June 1975 ^p	May 1975	June 1975 ^p
	NONDURABLE GOODS—Continued										
	PAPER AND ALLIED PRODUCTS—Continued										
264	Miscellaneous converted paper products	3.0	-	1.4	-	3.1	-	1.0	-	1.5	-
2643	Bags, except textile bags	3.7	-	1.0	-	5.0	-	1.2	-	3.1	-
265	Paperboard containers and boxes	3.5	-	1.3	-	3.2	-	.9	-	1.5	-
2651,2	Folding and setup paperboard boxes	3.9	-	1.3	-	4.0	-	1.0	-	2.1	-
2653	Corrugated and solid fiber boxes	2.8	-	1.1	-	2.2	-	.8	-	.7	-
27	PRINTING AND PUBLISHING	2.3	3.1	1.6	2.2	2.9	2.8	1.4	1.3	1.0	0.9
28	CHEMICALS AND ALLIED PRODUCTS	2.3	2.8	1.2	1.7	1.9	1.9	.6	.6	.8	.7
281	Industrial chemicals	1.5	-	.8	-	1.5	-	.3	-	.6	-
282	Plastics materials and synthetics	3.5	-	1.0	-	1.6	-	.5	-	.6	-
2821	Plastics materials and resins	1.9	-	.4	-	1.6	-	.4	-	.6	-
2823,4	Synthetic fibers	5.0	-	1.5	-	1.7	-	.5	-	.6	-
283	Drugs	1.4	-	1.0	-	1.2	-	.5	-	.3	-
2834	Pharmaceutical preparations	1.5	-	1.0	-	1.3	-	.5	-	.3	-
284	Soap, cleaners, and toilet goods	3.1	-	1.9	-	2.4	-	.8	-	1.0	-
2841	Soap and other detergents	2.5	-	1.0	-	1.7	-	.4	-	.9	-
2844	Toilet preparations	4.3	-	2.9	-	2.9	-	1.0	-	1.1	-
285	Paints and allied products	2.8	-	1.7	-	2.1	-	.7	-	.6	-
286,9	Other chemical products	2.2	-	1.0	-	2.7	-	.7	-	1.5	-
29	PETROLEUM AND COAL PRODUCTS	2.6	3.1	1.8	2.6	1.6	1.3	.5	.5	.7	.3
291	Petroleum refining	1.7	-	1.4	-	1.3	-	.3	-	.6	-
295,9	Other petroleum and coal products	6.3	-	3.6	-	3.0	-	1.5	-	.7	-
30	RUBBER AND PLASTICS PRODUCTS, NEC	4.8	5.3	2.0	2.7	4.2	3.7	1.4	1.6	1.9	1.2
301	Tires and inner tubes	2.9	-	.4	-	1.8	-	.4	-	.6	-
302,3,6	Other rubber products	3.7	-	1.0	-	4.4	-	1.3	-	2.2	-
307	Miscellaneous plastics products	6.1	-	3.0	-	5.0	-	1.9	-	2.2	-
31	LEATHER AND LEATHER PRODUCTS	8.2	6.9	4.9	5.3	6.2	5.6	3.0	3.2	2.2	1.3
311	Leather tanning and finishing	7.2	-	5.6	-	4.0	-	2.1	-	.9	-
314	Footwear, except rubber	8.3	-	5.0	-	6.6	-	3.4	-	2.2	-
	NONMANUFACTURING										
10	METAL MINING	3.2	3.4	2.5	2.9	2.7	4.8	1.3	1.1	.5	3.0
101	Iron ores	2.4	-	2.0	-	2.6	-	.6	-	1.1	-
102	Copper ores	2.2	-	1.2	-	1.8	-	.8	-	.3	-
11,12	COAL MINING	3.0	2.4	2.2	2.1	1.2	.9	.7	.4	.1	.1
12	Bituminous coal and lignite mining	2.5	-	2.2	-	1.2	-	.7	-	.1	-
	COMMUNICATION:										
481	Telephone communication .....	.8	-	-	-	.7	-	.4	-	.1	-
482	Telegraph communication ²	1.3	-	-	-	2.1	-	.9	-	.7	-

¹ Less than 0.05.^p = preliminary.² Data relate to all employees except messengers.

ESTABLISHMENT DATA

SEASONALLY ADJUSTED LABOR TURNOVER

118

D-3. Labor turnover rates in manufacturing, 1963 to date, seasonally adjusted

[Per 100 employees]

Year	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
Total accessions												
1963	3.7	3.9	3.9	4.0	3.8	3.9	3.8	3.9	3.8	3.8	3.7	3.9
1964	3.8	3.9	3.9	4.0	4.0	3.9	4.0	4.1	3.8	4.0	4.0	4.0
1965	4.1	4.1	4.2	4.1	4.1	4.3	4.2	4.2	4.4	4.5	4.7	4.9
1966	4.9	5.0	5.3	5.0	5.0	5.1	4.9	5.0	5.0	5.0	4.7	4.6
1967	4.5	4.3	4.3	4.3	4.4	4.5	4.4	4.3	4.4	4.4	4.5	4.5
1968	4.4	4.5	4.5	4.6	4.6	4.6	4.6	4.6	4.7	4.8	4.9	4.8
1969	4.9	4.8	4.9	4.8	4.7	5.0	4.7	4.4	4.7	4.7	4.6	4.5
1970	4.3	4.4	4.0	4.0	4.1	4.1	4.1	4.0	3.8	3.7	3.7	3.8
1971	3.8	3.8	3.7	3.9	3.8	3.8	3.8	4.0	4.0	3.8	4.0	4.1
1972	4.3	4.3	4.4	4.4	4.4	4.2	4.4	4.5	4.5	4.5	4.5	4.6
1973	4.7	4.8	4.9	4.8	4.8	4.8	4.8	4.7	4.9	4.9	4.8	4.4
1974	4.3	4.5	4.5	4.6	4.7	4.4	4.4	4.3	4.1	3.6	3.1	3.0
1975	3.1	3.3	3.5	3.9	3.7	3.6 ^p						
New hires												
1963	2.3	2.3	2.4	2.4	2.4	2.4	2.4	2.5	2.5	2.4	2.3	2.5
1964	2.4	2.4	2.5	2.6	2.5	2.5	2.7	2.7	2.7	2.7	2.7	2.7
1965	2.9	3.0	3.1	2.8	2.9	3.0	3.0	3.1	3.1	3.3	3.5	3.7
1966	3.7	3.8	4.1	4.0	4.0	3.9	3.8	3.7	3.7	3.9	3.7	3.6
1967	3.4	3.4	3.2	3.1	3.1	3.3	3.2	3.2	3.3	3.3	3.4	3.5
1968	3.3	3.2	3.4	3.5	3.5	3.4	3.5	3.5	3.6	3.6	3.6	3.7
1969	3.7	3.8	3.9	3.8	3.7	3.9	3.7	3.5	3.7	3.6	3.5	3.5
1970	3.3	3.2	2.9	2.8	2.7	2.8	2.9	2.8	2.6	2.5	2.4	2.4
1971	2.3	2.4	2.4	2.5	2.5	2.5	2.6	2.6	2.6	2.5	2.7	2.8
1972	3.0	2.9	3.0	3.2	3.2	3.1	3.3	3.3	3.4	3.5	3.6	3.7
1973	3.8	4.1	4.0	3.9	3.9	3.9	3.8	3.8	3.9	3.9	3.9	3.6
1974	3.5	3.4	3.5	3.5	3.5	3.3	3.4	3.3	3.1	2.6	2.2	1.8
1975	1.5	1.5	1.5	1.7	1.8	2.0 ^p						
Total separations												
1963	4.0	3.9	3.9	4.0	3.8	3.9	3.9	4.0	3.8	3.8	4.0	3.9
1964	3.9	3.9	4.0	3.8	3.9	3.9	4.0	3.7	3.9	3.9	3.8	3.9
1965	3.8	3.8	3.8	3.9	4.0	4.0	3.9	4.3	4.2	4.2	4.2	4.3
1966	4.3	4.4	4.5	4.6	4.7	4.8	4.9	4.8	4.7	4.6	4.7	4.6
1967	4.8	4.8	4.9	4.8	4.6	4.5	4.5	4.3	4.5	4.5	4.4	4.4
1968	4.6	4.5	4.5	4.4	4.5	4.6	4.6	4.8	4.7	4.7	4.5	4.4
1969	4.6	4.8	5.0	4.8	4.9	5.0	4.8	4.9	5.0	4.9	4.9	4.8
1970	4.9	5.2	5.0	5.1	4.9	4.7	4.7	4.5	4.6	5.0	4.9	4.7
1971	4.4	4.2	4.1	4.1	4.1	4.0	4.3	4.3	4.1	4.1	4.2	4.2
1972	4.2	4.1	4.1	4.2	4.2	4.3	4.5	4.1	4.2	4.2	4.2	4.2
1973	4.4	4.5	4.6	4.5	4.7	4.7	4.8	4.8	4.7	4.7	4.6	4.6
1974	5.0	4.8	4.8	4.6	4.6	4.5 ^p	4.5	4.6	4.5	4.9	5.6	6.1
1975	6.1	5.4	4.8	4.4	4.1	3.9 ^p						
Quits												
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	1.8	1.8	1.8	1.9	2.0	2.0	2.1	2.2
1966	2.3	2.3	2.6	2.6	2.6	2.6	2.6	2.5	2.6	2.6	2.6	2.7
1967	2.5	2.5	2.4	2.4	2.3	2.4	2.2	2.2	2.3	2.3	2.4	2.4
1968	2.4	2.4	2.4	2.4	2.4	2.4	2.5	2.6	2.6	2.5	2.6	2.6
1969	2.7	2.7	2.8	2.8	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.6
1970	2.4	2.5	2.3	2.3	2.2	2.2	2.1	2.0	2.0	1.9	1.8	1.9
1971	1.8	1.7	1.7	1.7	1.8	1.8	1.8	1.8	1.8	1.9	1.9	1.9
1972	2.1	2.0	2.1	2.2	2.3	2.2	2.3	2.3	2.2	2.4	2.4	2.6
1973	2.6	2.8	2.8	2.8	2.7	2.8	2.8	2.9	2.5	2.8	2.7	2.7
1974	2.6	2.5	2.6	2.6	2.6	2.6	2.5	2.5	2.1	2.0	1.8	1.5
1975	1.3	1.2	1.2	1.2	1.3	1.5 ^p						
Layoffs												
1963	2.0	1.8	1.9	1.9	1.8	1.8	1.7	1.9	1.9	1.8	1.8	1.7
1964	1.7	1.9	1.8	1.6	1.7	1.6	1.6	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	1.6	1.4	1.4	1.4	1.4
1966	1.2	1.1	1.1	1.2	1.1	1.3	1.4	1.2	1.0	1.1	1.2	1.3
1967	1.4	1.5	1.6	1.5	1.4	1.3	1.4	1.3	1.3	1.3	1.2	1.2
1968	1.4	1.3	1.2	1.2	1.2	1.2	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	1.1	1.2	1.3	1.3	1.4
1970	1.6	1.7	1.7	2.0	1.9	1.9	1.5	1.9	1.8	2.2	2.0	1.7
1971	1.7	1.6	1.6	1.6	1.6	1.6	1.4	1.9	1.6	1.5	1.4	1.3
1972	1.3	1.2	1.2	1.2	1.1	1.4	1.2	1.0	1.0	0.9	0.9	1.0
1973	0.9	0.8	0.9	0.8	0.8	0.8	0.9	0.8	0.8	0.8	1.0	1.1
1974	1.5	1.4	1.2	1.1	1.1	1.1	1.0	1.2	1.3	1.9	2.6	2.6
1975	3.5	3.4	2.8	2.5	2.5	2.0 ^p						

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	
	Apr. 1975	May 1975 ^P	Apr. 1975	May 1975 ^P	Apr. 1975	May 1975 ^P	Apr. 1975	May 1975 ^P	Apr. 1975	May 1975 ^P
ALABAMA:										
Birmingham	3.9	2.5	1.6	1.6	3.6	3.9	1.1	1.0	1.7	2.1
Mobile ¹	12.6	11.9	3.2	5.7	16.2	9.4	1.7	2.9	13.7	5.4
ALASKA	33.4	23.9	25.0	20.9	10.3	16.0	8.0	10.3	1.0	3.9
ARIZONA	3.4	4.0	2.2	2.8	4.9	3.4	1.3	1.5	2.8	1.1
Phoenix	3.1	3.5	2.0	2.4	4.8	3.4	1.2	1.3	2.8	1.2
ARKANSAS	6.5	7.2	3.2	4.6	6.4	6.4	2.9	3.1	2.6	2.5
Fort Smith	5.7	5.2	2.8	3.4	4.8	6.1	2.3	2.5	1.2	3.0
Little Rock-North Little Rock	4.3	5.5	2.5	3.9	4.3	4.7	2.0	2.4	1.5	1.2
Pine Bluff	4.3	4.4	2.6	2.9	7.8	5.6	2.1	2.3	4.6	2.7
COLORADO	3.1	3.3	2.0	2.3	3.5	3.7	1.5	1.8	1.5	1.2
Denver-Boulder	3.2	3.0	2.2	2.1	3.5	3.6	1.5	1.7	1.4	1.2
CONNECTICUT	2.1	2.2	.9	1.0	3.0	2.7	.7	.8	1.7	1.3
Hartford	1.4	1.7	.8	.8	1.9	2.0	.7	.8	.7	.7
DELAWARE¹	1.9	1.9	.5	.5	2.3	2.4	.5	.6	1.3	1.2
Wilmington ¹	1.6	1.6	.4	.5	2.4	2.3	.4	.4	1.5	1.1
DISTRICT OF COLUMBIA:										
Washington SMSA	1.6	(*)	1.1	(*)	1.8	(*)	.9	(*)	.6	(*)
FLORIDA	4.6	4.3	3.0	3.3	5.1	5.8	2.0	2.4	2.3	2.6
Fort Lauderdale-Hollywood	3.9	3.7	3.1	3.2	4.8	4.4	2.0	2.1	1.5	.8
Jacksonville	5.9	3.6	3.2	2.7	4.7	5.9	2.6	2.2	1.4	2.7
Miami	5.4	4.6	3.6	3.4	4.4	3.9	2.1	1.7	1.7	1.5
Orlando	4.3	3.5	3.2	2.6	4.5	4.2	1.8	2.0	2.0	1.4
Pensacola	1.1	3.8	.6	.3	4.5	1.2	.7	.5	3.2	.3
Tampa-St. Petersburg	4.3	3.9	2.9	3.3	6.6	5.4	2.2	3.0	3.4	1.7
West Palm Beach-Boca Raton	3.9	2.5	2.8	2.3	4.1	3.1	1.5	1.7	2.1	.9
GEORGIA	3.9	4.5	2.0	2.7	4.1	4.2	1.7	2.0	1.6	1.3
Atlanta ²	4.5	3.6	1.6	1.8	3.0	3.3	1.3	1.4	1.0	1.1
HAWAII³	1.8	2.0	1.5	1.6	2.1	1.8	.8	.8	.6	.5
IDAHO⁴	7.3	10.3	5.0	6.8	5.4	4.5	2.5	2.9	2.0	.4
ILLINOIS:										
Chicago SMSA	2.3	2.7	1.2	1.6	3.1	3.0	.8	1.0	1.6	1.2
INDIANA	3.4	3.4	.9	1.2	3.8	3.1	.7	.8	2.2	1.6
Indianapolis ⁵	4.6	2.5	.8	.9	4.7	2.3	.8	.7	1.5	1.0
IOWA	2.8	3.1	1.5	1.8	4.2	3.8	1.3	1.3	2.2	1.9
Cedar Rapids	2.7	2.4	.9	1.2	2.8	1.8	.6	.8	1.7	.7
Des Moines	3.1	3.8	1.9	2.4	6.5	3.6	2.3	2.2	3.2	.5
KANSAS	3.4	4.3	2.6	3.0	4.6	4.7	2.5	2.6	1.4	1.3
Topeka	2.9	2.3	2.3	1.4	4.3	4.0	1.9	2.3	1.2	1.0
Wichita	2.6	3.6	2.2	2.9	4.0	4.4	2.1	2.6	1.1	1.0
KENTUCKY	3.4	4.9	.9	1.4	5.1	4.1	.8	1.0	3.4	2.3
Louisville	2.5	4.4	.4	.9	3.0	3.0	.5	.6	1.1	1.3
LOUISIANA:										
New Orleans	4.3	3.8	3.2	3.0	4.1	4.7	2.0	2.0	.8	1.5
MAINE	5.8	7.7	3.2	3.9	5.3	6.4	2.0	2.4	2.5	3.2
Portland	2.3	3.7	1.9	2.3	2.2	4.0	1.3	1.4	.5	2.2
MARYLAND	3.0	3.9	1.4	1.6	4.1	4.2	.9	1.0	2.4	2.5
Baltimore	2.7	3.8	1.3	1.5	4.1	4.6	.8	.8	2.6	3.1
MASSACHUSETTS	3.1	3.3	1.3	1.6	3.9	3.8	.9	1.1	2.4	1.9
Boston	2.7	2.9	1.2	1.4	3.7	3.4	.9	.9	2.0	1.8
MICHIGAN	5.3	3.7	.5	.8	3.7	3.2	.6	.6	2.3	1.8
Detroit	5.1	3.5	.6	.9	3.6	3.1	.6	.8	2.2	1.4

See footnotes at end of table.

ESTABLISHMENT DATA STATE AND AREA LABOR TURNOVER

120

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

[Per 100 employees]

State and area	Accession rates				Separation rates					
	Total		New hires		Total		Quits		Layoffs	
	Apr. 1975	May 1975 ^P	Apr. 1975	May 1975 ^P	Apr. 1975	May 1975 ^P	Apr. 1975	May 1975 ^P	Apr. 1975	May 1975 ^P
MINNESOTA	3.1	3.6	1.2	1.7	2.9	3.3	1.2	1.4	1.2	1.4
Minneapolis—St. Paul	2.3	2.5	1.0	1.3	2.7	2.8	1.0	1.2	1.3	1.2
MISSISSIPPI:										
Jackson	4.4	3.5	2.3	2.7	2.5	2.6	1.4	1.7	.4	.1
MISSOURI	3.3	4.2	1.3	2.1	4.5	4.1	1.1	1.5	2.7	2.0
Kansas City	2.8	2.9	1.4	1.9	3.3	3.6	1.3	1.2	1.4	1.7
St. Louis	2.9	3.2	.8	1.2	5.3	3.9	.7	.8	3.8	2.3
MONTANA	3.0	4.9	1.7	3.4	2.4	4.4	1.2	1.6	.6	2.2
NEBRASKA	3.1	4.4	1.8	3.1	4.4	4.8	1.9	2.1	1.8	2.0
NEVADA	6.9	9.7	5.8	5.1	7.7	6.2	2.9	3.1	3.2	1.6
NEW HAMPSHIRE	3.9	3.8	2.1	2.4	3.7	3.5	1.2	1.7	1.9	1.3
NEW JERSEY:										
Camden ⁵	3.1	3.0	1.2	1.3	3.2	3.0	.6	.7	1.9	1.5
Hackensack	2.9	3.4	1.7	1.7	3.7	3.6	.8	1.0	2.2	2.0
Jersey City	2.9	3.3	1.4	1.3	4.7	4.2	.6	.7	3.2	2.7
Newark	2.2	2.6	1.0	1.2	3.1	3.2	.6	.7	1.9	2.0
New Brunswick—Perth Amboy—Sayreville	3.5	3.3	1.2	1.7	3.5	3.0	.5	.7	2.3	1.4
Paterson—Clifton—Passaic	4.1	4.1	1.6	1.3	4.8	4.1	.8	.7	3.1	2.3
Trenton	2.3	2.9	.7	.9	3.7	2.2	.6	.7	2.0	.9
NEW YORK	3.3	3.8	1.3	1.6	3.9	3.9	.7	.9	2.5	2.4
Albany—Schenectady—Troy	2.3	3.3	.6	1.1	3.1	2.8	.5	.5	1.2	1.5
Binghamton	1.5	2.1	.8	.9	3.0	2.1	.6	.6	1.5	.8
Buffalo	4.3	3.6	.5	.7	3.3	3.0	.4	.4	2.4	2.0
Elmira	2.1	2.9	.6	1.3	4.2	3.5	.5	.4	1.8	2.2
Monroe County ⁷	1.7	1.7	.5	.9	2.5	1.8	.5	.5	1.5	.8
Nassau—Suffolk ⁸	3.3	3.4	1.9	2.5	3.2	3.8	1.1	1.2	1.4	1.9
New York and Nassau—Suffolk	3.8	4.7	1.9	2.2	4.6	4.6	.8	1.0	3.1	3.0
New York SMSA ⁸	3.9	5.0	1.9	2.1	4.9	4.8	.7	.9	3.5	3.2
New York City ⁹	4.2	5.3	2.0	2.3	5.2	5.1	.8	1.0	3.8	3.5
Rochester	1.8	1.9	.5	1.0	2.7	1.9	.5	.6	1.7	.9
Syracuse	2.1	3.0	.6	.8	2.9	4.4	.5	.6	1.8	3.3
Utica—Rome	1.4	3.5	.5	1.1	4.2	4.1	.5	.6	3.3	3.0
Westchester County ⁹	1.9	2.3	1.0	1.1	2.7	2.8	.6	.7	1.6	1.3
NORTH CAROLINA	3.7	4.1	2.3	2.9	4.1	3.9	1.9	2.2	1.4	.9
Charlotte—Gastonia	3.9	4.0	3.0	3.2	3.5	4.2	2.2	2.6	.5	.7
Greensboro—Winston-Salem—High Point	3.0	3.5	2.2	2.6	3.6	3.5	1.7	1.8	1.1	.8
NORTH DAKOTA	5.2	8.2	3.8	4.8	6.1	8.3	3.4	5.2	1.8	2.2
Fargo—Moorhead	5.7	8.7	3.5	3.9	5.6	4.3	3.2	3.0	1.5	.6
OHIO	3.5	3.1	.7	.7	3.4	3.3	.5	.6	2.1	2.0
Akron	1.7	1.5	.4	.4	2.5	1.8	.4	.3	1.6	1.1
Canton	3.6	3.7	.8	.9	3.4	4.4	.5	.6	1.8	2.7
Cincinnati	2.3	2.5	.8	1.0	2.8	2.6	.5	.7	1.5	1.3
Cleveland	3.1	2.5	.7	.8	3.1	3.2	.7	.7	1.6	1.7
Columbus	2.9	3.3	.6	.7	3.5	3.7	.6	.7	2.3	2.4
Dayton	2.9	3.3	.6	.7	3.2	2.5	.5	.6	2.2	1.1
Toledo	4.5	3.7	.6	.9	3.5	3.5	.4	.5	1.9	1.9
Youngstown—Warren	4.9	3.1	.3	.5	3.5	3.6	.5	.4	1.8	2.3
OKLAHOMA	4.1	5.4	3.4	4.4	4.7	5.3	2.9	3.3	1.0	1.0
Oklahoma City	4.0	4.6	2.9	3.6	4.7	5.0	2.6	3.1	1.2	1.1
Tulsa ¹⁰	4.1	(*)	3.5	(*)	5.2	(*)	2.7	(*)	1.6	(*)
OREGON ¹	5.8	5.8	3.3	3.4	4.7	3.9	1.7	1.9	2.2	1.1
Portland ¹	4.8	4.9	2.6	2.5	5.1	3.7	1.4	1.5	2.9	1.5
PENNSYLVANIA	3.1	3.1	1.0	1.1	3.6	3.4	.7	.7	2.3	2.0
Allentown—Bethlehem—Easton	2.9	3.6	1.1	1.1	2.8	3.1	.6	.6	1.6	2.0
Altoona	6.1	5.3	2.4	2.5	3.3	6.4	1.3	1.7	1.6	4.3
Erie	3.2	3.1	1.1	1.0	4.1	4.4	.7	.8	2.2	2.7
Harrisburg	2.5	2.8	1.2	1.0	3.2	1.7	.9	.9	1.8	.4
Johnstown	1.6	2.1	.4	.7	3.0	2.7	.5	.5	2.2	2.0
Lancaster	2.8	3.2	1.1	1.5	3.5	3.5	1.0	1.3	1.9	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

[Per 100 employees]

State and area	Accession rates				Separation rates					
	Total		New hires		Total		Quits		Layoffs	
	Apr. 1975	May 1975 ^p	Apr. 1975	May 1975 ^p	Apr. 1975	May 1975 ^p	Apr. 1975	May 1975 ^p	Apr. 1975	May 1975 ^p
PENNSYLVANIA—Continued										
Northeast Pennsylvania	4.5	4.7	1.0	1.1	5.0	5.4	0.8	0.7	3.7	4.3
Philadelphia SMSA	2.6	2.5	1.1	1.0	3.7	3.3	.7	.7	2.4	2.0
Pittsburgh	3.2	2.4	.8	.9	3.5	2.6	.4	.4	2.5	1.4
Reading	3.2	2.6	.9	1.2	3.0	3.8	.7	.7	1.9	2.4
Scranton	2.9	3.3	1.0	1.2	4.3	4.2	.5	.7	3.3	3.1
Wilkes-Barre—Hazleton	5.7	5.4	.9	1.1	5.4	5.5	.9	.7	3.9	4.2
Williamsport	2.2	3.6	.8	1.1	2.3	4.4	.8	1.2	1.2	2.8
York	2.9	3.0	1.2	1.4	4.2	3.9	1.0	1.1	2.4	2.2
RHODE ISLAND	5.2	4.9	2.0	2.6	5.3	4.5	1.1	1.5	3.5	2.3
Providence—Warwick—Pawtucket	5.2	4.9	1.9	2.4	5.4	4.5	1.1	1.5	3.6	2.3
SOUTH CAROLINA:										
Greenville—Spartanburg	4.5	(*)	2.6	(*)	4.7	(*)	2.5	(*)	1.2	(*)
SOUTH DAKOTA	3.7	5.7	1.9	4.1	2.6	4.0	1.2	2.4	.6	1.0
Sioux Falls	2.9	3.2	.5	1.2	1.3	3.9	.7	1.2	.4	2.3
TENNESSEE:										
Memphis	3.2	3.9	1.8	2.4	3.6	3.3	1.2	1.3	1.5	1.1
TEXAS:										
Dallas	3.2	4.1	2.6	3.4	3.3	3.6	2.0	2.4	.5	.4
Fort Worth	3.8	4.0	3.2	3.4	3.2	3.9	2.1	2.6	.4	.6
Houston	4.1	4.4	3.7	3.9	4.1	4.1	2.6	2.7	.3	.4
San Antonio	2.8	4.3	2.5	3.9	4.3	5.0	2.1	3.0	1.5	1.0
UTAH ⁴	3.4	3.8	2.6	3.0	3.4	4.4	1.8	2.3	.9	1.2
Salt Lake City—Ogden ⁴	3.0	3.5	2.4	3.0	3.7	4.0	2.0	2.4	.8	.8
VERMONT	2.6	4.3	1.1	1.1	4.2	4.6	.8	1.0	3.0	3.1
Burlington .....	.8	1.3	.3	.4	1.1	1.7	.3	.4	.6	.9
Springfield	2.3	2.5	.9	.7	3.7	4.4	.4	.5	3.0	3.3
VIRGINIA	3.6	3.5	1.4	1.8	4.2	3.1	1.1	1.3	2.5	1.2
Richmond	1.4	2.1	.9	1.3	4.0	2.0	.7	.8	2.5	.5
WASHINGTON:										
Seattle—Everett ¹³	2.6	3.1	1.6	2.1	3.7	4.1	1.2	1.3	1.8	2.1
WISCONSIN	2.9	3.8	.9	1.6	3.9	3.5	.7	.8	2.5	1.9
Milwaukee	2.7	3.5	1.1	1.6	4.7	3.7	.7	.8	3.0	1.8
WYOMING	7.1	10.3	6.3	9.3	3.0	5.2	2.4	4.5	.1	.1

¹ Excludes canning and preserving.

² Excludes agricultural chemicals, and miscellaneous manufacturing.

³ Excludes canned fruits, vegetables, preserves, jams and jellies.

⁴ Excludes canning and preserving, and sugar.

⁵ Excludes canning and preserving, and newspapers.

⁶ Subarea of Philadelphia, Pennsylvania Standard Metropolitan Statistical Area: Burlington, Camden, and Gloucester Counties, New Jersey.

⁷ Subarea of Rochester Standard Metropolitan Statistical Area.

⁸ Area included in New York and Nassau—Suffolk combined SMSA's.

⁹ Subarea of New York Standard Metropolitan Statistical Area.

¹⁰ Excludes new-hire rate for transportation equipment.

¹¹ Subarea of Northeast Pennsylvania Standard Metropolitan Statistical Area: Lackawanna County.

¹² Subarea of Northeast Pennsylvania Standard Metropolitan Statistical Area: Luzerne County.

¹³ Excludes canning and preserving, printing and publishing.

* Not available.

p= 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)		
	July 1974	June 1975	July 1975	Change from ¹		July 1974	June 1975	July 1975
				July 1974	June 1975			
TOTAL^{2, 3}	2, 039. 3	4, 033. 0	3, 917. 2	1, 877. 9	-115. 8	3. 1	6. 1	5. 9
SEASONALLY ADJUSTED	2, 139. 3	4, 614. 8	4, 116. 9	1, 977. 7	-497. 9	3. 3	6. 9	6. 2
Alabama	26. 7	58. 4	61. 1	34. 3	2. 7	3. 0	6. 3	6. 6
Alaska	4. 0	5. 6	6. 6	2. 6	1. 0	5. 6	6. 9	7. 5
Arizona	16. 2	41. 6	40. 3	24. 1	-1. 3	2. 8	6. 7	6. 5
Arkansas	14. 9	42. 6	38. 2	23. 3	-4. 4	2. 9	7. 9	7. 1
California*	276. 1	419. 5	420. 8	44. 7	1. 3	4. 3	6. 4	6. 4
Colorado	8. 2	24. 0	25. 1	16. 8	1. 0	1. 1	3. 2	3. 3
Connecticut	54. 7	82. 7	87. 2	32. 5	4. 6	4. 5	6. 8	7. 2
Delaware	4. 2	10. 0	10. 3	6. 2	0. 3	1. 9	4. 6	4. 8
District of Columbia	9. 1	14. 7	16. 2	7. 1	1. 5	2. 5	4. 1	4. 5
Florida	49. 9	129. 0	129. 2	79. 3	0. 2	2. 1	5. 1	5. 0
Georgia	28. 0	77. 4	73. 7	45. 7	-3. 7	1. 9	5. 2	5. 0
Hawaii	11. 5	14. 4	14. 4	2. 9	0. 0	3. 8	4. 7	4. 6
Idaho	7. 2	8. 1	9. 5	2. 3	1. 4	3. 6	3. 8	4. 4
Illinois	93. 5	269. 6	215. 6	22. 0	-54. 1	2. 5	7. 0	5. 6
Indiana	30. 9	95. 7	75. 7	44. 8	-20. 0	1. 8	5. 6	4. 4
Iowa	8. 5	27. 5	24. 4	15. 9	-3. 1	1. 1	3. 4	3. 0
Kansas	8. 8	19. 5	20. 4	11. 5	0. 9	1. 5	3. 2	3. 3
Kentucky	18. 4	54. 2	49. 7	31. 4	-4. 4	2. 2	6. 4	5. 8
Louisiana	29. 1	47. 7	44. 8	15. 7	-2. 8	3. 0	4. 8	4. 4
Maine	15. 2	19. 5	25. 3	10. 1	5. 8	5. 4	6. 7	8. 8
Maryland	28. 0	64. 1	60. 5	32. 5	-3. 6	2. 5	5. 6	5. 3
Massachusetts	105. 1	156. 9	165. 8	60. 7	8. 9	5. 3	7. 8	8. 1
Michigan	131. 7	233. 6	211. 8	80. 1	-21. 7	4. 7	8. 4	7. 7
Minnesota	25. 6	53. 0	50. 6	25. 0	-2. 4	2. 2	4. 0	3. 7
Mississippi	10. 2	31. 8	35. 4	25. 2	3. 6	1. 9	5. 7	6. 4
Missouri	34. 1	85. 1	79. 3	45. 3	-5. 8	2. 4	5. 8	5. 4
Montana	5. 0	8. 2	7. 9	2. 9	-0. 3	3. 2	4. 9	4. 7
Nebraska	6. 9	15. 6	14. 9	8. 0	-0. 7	1. 6	3. 6	3. 4
Nevada	9. 1	13. 1	12. 2	3. 1	-0. 8	4. 5	6. 2	5. 8
New Hampshire	8. 8	16. 9	20. 0	11. 2	3. 1	3. 4	6. 4	7. 6
New Jersey	119. 2	185. 2	172. 5	53. 4	-12. 7	5. 2	8. 0	7. 5
New Mexico	8. 6	14. 0	13. 5	4. 9	-0. 5	3. 5	5. 4	5. 2
New York	249. 3	392. 9	405. 2	55. 9	12. 3	4. 2	6. 6	6. 8
North Carolina	28. 9	107. 1	110. 8	81. 9	3. 7	1. 7	6. 1	6. 4
North Dakota	1. 9	3. 0	3. 0	1. 2	0. 0	1. 4	2. 3	2. 1
Ohio	65. 1	196. 3	190. 2	25. 1	-6. 2	1. 9	5. 2	4. 9
Oklahoma	14. 4	30. 3	31. 2	16. 9	1. 0	2. 1	4. 2	4. 3
Oregon	26. 7	47. 6	45. 4	18. 8	-2. 1	4. 0	6. 4	5. 9
Pennsylvania	156. 5	308. 3	275. 0	18. 5	-33. 3	4. 0	7. 9	7. 1
Puerto Rico ²	55. 0	71. 4	74. 1	19. 2	2. 8	11. 2	14. 5	15. 1
Rhode Island	21. 4	29. 8	37. 4	16. 0	7. 6	6. 6	9. 1	11. 5
South Carolina	17. 6	59. 2	54. 6	37. 0	-4. 7	2. 2	7. 1	6. 6
South Dakota	2. 0	4. 0	3. 7	1. 6	-0. 3	1. 4	2. 6	2. 3
Tennessee	30. 1	83. 0	85. 0	54. 9	2. 0	2. 4	6. 4	6. 6
Texas	34. 6	85. 3	86. 6	52. 0	1. 4	1. 0	2. 4	2. 4
Utah	8. 3	15. 2	15. 6	7. 4	0. 4	2. 6	4. 6	4. 6
Vermont	5. 5	10. 3	10. 0	4. 5	-0. 3	4. 2	7. 8	7. 5
Virginia	11. 2	55. 8	58. 9	47. 7	3. 1	0. 8	4. 0	4. 3
Washington	58. 6	79. 8	80. 9	22. 4	1. 1	6. 3	8. 3	8. 3
West Virginia	13. 0	23. 2	24. 5	11. 5	1. 3	2. 9	5. 0	5. 3
Wisconsin	31. 2	89. 1	90. 0	58. 8	0. 9	2. 2	5. 9	5. 8
Wyoming	0. 7	2. 0	1. 8	1. 1	-0. 2	0. 8	2. 1	1. 8

¹ Based on unrounded data; changes of less than 50 not shown.³ Figures do not include claimants receiving benefits under extended benefit provisions.² 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.

E-2. Insured unemployment¹ in 150 major labor areas²

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

State and area	July 1974	July 1975	State and area	July 1974	July 1975	State and area	July 1974	July 1975	State and area	July 1974	July 1975
ALABAMA			INDIANA—			NEW JERSEY			PENNSYLVANIA—		
Birmingham	5.2	12.5	Continued			Atlantic City	3.3	5.2	Continued		
Mobile	2.8	4.7				Jersey City	14.6	17.2			
ARIZONA			Gary-Hammond—			Newark	33.0	43.7	Northeast		
Phoenix	10.7	26.5	East Chicago	3.4	10.1	New Brunswick—			Pennsylvania	21.6	31.9
ARKANSAS			Indianapolis	5.4	13.1	Perth Amboy—			Philadelphia	64.9	78.0
Little Rock—			South Bend	1.7	4.3	Sayreville	10.0	15.1	Pittsburgh	24.1	38.9
North Little			Terre Haute	1.2	2.2	Paterson-Clifton—			Reading	3.7	8.9
Rock	2.2	6.2	IOWA			Passaic	10.9	13.7	York	3.8	10.0
CALIFORNIA			Cedar Rapids .....	.5	1.3	Trenton	3.7	5.7	PUERTO RICO		
Anaheim—S. Ana—			Des Moines	1.1	3.6	NEW MEXICO			Mayaguez	1.9	2.4
Garden Grove	17.6	32.3	KANSAS			Albuquerque	3.8	5.9	Ponce	2.7	3.7
Fresno	5.4	8.3	Wichita	2.0	5.7	NEW YORK			San Juan	10.6	15.2
Los Angeles—Long			KENTUCKY			Albany—			RHODE ISLAND		
Beach	103.5	162.6	Louisville	4.9	12.2	Schenectady—			Providence—		
Riverside—San			LOUISIANA			Troy	7.4	14.1	Warwick—	18.2	35.7
Bernardino—			Baton Rouge	2.5	5.1	Binghamton	2.0	5.5	Pawtucket		
Ontario	12.5	23.4	New Orleans	8.8	11.7	Buffalo	17.3	31.2	SOUTH CAROLINA		
Sacramento	13.5	16.7	Shreveport	2.7	5.0	New York City			Charleston	1.7	5.2
San Diego	23.5	29.7	MAINE			Combined Areas...	188.9	271.6	Greenville—		
San Francisco—			Portland	1.4	3.0	(a) N.Y. City			Spartanburg	2.1	13.1
Oakland	47.4	66.9	MARYLAND			plus Rockland,			TENNESSEE		
San Jose	13.3	22.7	Baltimore	17.1	37.1	Putnam, and			Chattanooga	2.1	6.1
Stockton	5.1	6.7	MASSACHUSETTS			Westchester Cos.	153.9	213.5	Knoxville	2.4	7.1
COLORADO			Boston	47.9	67.1	Suffolk	35.1	58.1	Memphis	6.0	16.9
Denver—Boulder ..	4.7	15.8	Brockton	4.0	5.8	Rochester	8.1	21.9	Nashville—		
CONNECTICUT			Fall River	4.1	7.6	Syracuse	5.3	15.0	Davidson	3.6	13.0
Bridgeport	8.4	13.0	Lawrence—			Utica—Rome	4.0	6.9	TEXAS		
Hartford	9.1	15.1	Haverhill	6.1	9.6	NORTH CAROLINA			Austin	1.3	3.2
New Britain	2.4	4.5	Lowell	3.4	7.1	Asheville .....	.9	*	Beaumont—		
New Haven—			New Bedford	5.1	8.0	Charlotte—			Port Arthur—		
West Haven	6.6	10.1	Springfield—			Gastonia	1.8	*	Orange	1.7	5.0
Stamford	2.3	4.3	Chicopee—			Greensboro—			Corpus Christi	1.2	2.5
Waterbury	6.4	8.4	Holyoke	8.4	15.7	Winston-Salem—			Dallas	5.3	16.5
DELAWARE			Worcester	5.2	8.5	High Point	3.7	*	El Paso	1.8	5.6
Wilmington	4.3	10.6	MICHIGAN			Raleigh—Durham ..	1.4	*	Fort Worth	3.7	6.9
DIST. OF COL.			Battle Creek	2.2	5.0	OHIO			Houston	4.2	11.0
Washington	17.0	31.5	Detroit	57.1	98.6	Akron	3.8	13.6	San Antonio	3.6	7.8
FLORIDA			Flint	12.2	10.8	Canton	2.0	8.3	UTAH		
Jacksonville	1.7	5.0	Grand Rapids	7.2	13.7	Cincinnati	7.5	17.6	Salt Lake City—		
Miami	14.4	31.4	Kalamazoo—			Cleveland	11.0	33.9	Ogden	4.3	8.4
Tampa—St.			Portage	2.3	4.2	Columbus	4.7	14.3	VIRGINIA		
Petersburg	6.9	20.2	Lansing—East			Dayton	6.8	14.0	Newport News—		
GEORGIA			Lansing	6.5	11.0	Hamilton—			Hampton .....	.7	3.8
Atlanta	10.7	25.2	Muskegon—			Middletown	2.4	6.4	Norfolk—		
Augusta	2.0	3.6	Muskegon—			Lorain			Virginia Beach—		
Columbus	1.3	3.8	Heights	2.6	5.9	Elyria	1.3	5.4	Portsmouth	1.8	7.2
Macon	1.6	3.3	Saginaw	3.1	4.3	Steubenville—			Richmond	1.0	6.8
Savannah .....	.7	2.9	MINNESOTA			Weirton .....	.7	3.1	Roanoke .....	.4	4.3
HAWAII			Duluth—			Toledo	5.5	15.2	WASHINGTON		
Honolulu	9.7	11.9	Superior	2.0	3.5	Youngstown—			Seattle	24.5	34.2
ILLINOIS			Minneapolis—			Warren	4.7	14.5	Spokane	4.5	7.1
Chicago	59.3	158.9	St. Paul	12.9	29.8	OKLAHOMA			Tacoma	6.5	9.0
Davenport—Rock			MISSISSIPPI			Oklahoma City	3.8	9.3	WEST VIRGINIA		
Island—			Jackson .....	.7	3.0	Tulsa	2.6	6.8	Charleston	1.2	2.3
Moline	1.3	4.1	MISSOURI			OREGON			Huntington—		
Peoria	2.4	3.9	Kansas City	8.9	21.5	Portland	12.6	24.4	Ashland	2.2	4.6
Rockford	1.4	8.0	St. Louis	23.4	47.0	PENNSYLVANIA			Wheeling	1.7	3.7
INDIANA			NEBRASKA			Allentown—			WISCONSIN		
Evansville	2.3	4.0	Omaha	4.5	8.2	Bethlehem—			Kenosha	2.0	3.9
Ft. Wayne	1.5	7.1	NEW HAMPSHIRE			Easton	8.4	17.9	Madison	2.6	5.5
			Manchester	2.6	4.6	Altoona	2.1	4.4	Milwaukee	9.3	25.9
						Erie	2.1	10.6	Racine	1.6	4.1
						Harrisburg	4.0	8.3			
						Johnstown	3.1	8.4			
						Lancaster	3.0	9.5			

¹ Insured jobless under State, Federal Employee, and Ex-Servicemen's unemployment insurance programs excludes extended benefit claims.² 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.

Following is a list of reprints of Special Labor Force Reports which have been published in the *Monthly Labor Review* since February 1970. Copies may be obtained, while the supply lasts, upon request to the Bureau of Labor Statistics or to any of its regional offices.

Number

- 140 Educational Attainment of Workers, March 1971
- 141 Work Experience of the Population in 1970
- 142 Employment and Unemployment in 1971
- 143 Usual Weekly Earnings of American Workers, 1971
- 144 Marital and Family Characteristics of the Labor Force, March 1971
- 145 Employment of High School Graduates and Dropouts, October 1971
- 146 An Analysis of Unemployment by Household Relationship
- 147 Employment of School-Age Youth, October 1971
- 148 Educational Attainment of Workers, March 1972
- 149 The Employment Situation of Vietnam Era Veterans, 1972
- 150 Jobseeking Methods Used by Unemployed Workers
- 151 Employment of Recent College Graduates, October 1971
- 152 Changes in the Employment Situation in 1972
- 153 Marital and Family Characteristics of the Labor Force, March 1972
- 154 Children of Working Mothers, March 1973
- 155 Employment of High School Graduates and Dropouts, October 1972
- 156 The U.S. Labor Force: Projections to 1990
- 157 Job Losers, Leavers, and Entrants: Traits and Trends
- 158 Young Workers; in School and Out
- 159 Going Back to School at 35
- 160 Education of Workers: Projections to 1990
- 161 Educational Attainment of Workers, March 1973
- 162 Work Experience of the Population in March 1972
- 163 Employment and Unemployment in 1973
- 164 Marital and Family Characteristics of the Labor Force in March 1973
- 165 Children of Working Mothers, March 1973
- 166 Multiple Jobholding, May 1973
- 167 Job Situation of Vietnam-era Veterans
- 168 Employment of High School Graduates and Dropouts, 1973
- 169 Employment of Recent College Graduates, October 1972
- 170 Employment of School-Age Youth, October 1973
- 171 Work Experience of the Population, 1973
- 172 Job Tenure of Workers, January 1973
- 173 Marital and Family Characteristics of the Labor Force, March 1974
- 174 Children of Working Mothers, March 1974
- 175 Educational Attainment of Workers, March 1974
- 176 Occupational Mobility of Workers
- 177 Multiple Jobholding in May 1974

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 over 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 by the Bureau of the Census, U.S. Department of Commerce, 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-6 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.

Poverty areas classification consists of all Census geographical divisions in which 20 percent or more of the residents were poor according to the 1970 Decennial Census. Persons were classified as poor or nonpoor by using income thresholds adopted by a Federal interagency committee in 1969. These thresholds vary by family size, composition, and residence (farm-nonfarm). While poverty areas have a substantial concentration of low-income residents, many poor persons live outside these areas and, conversely, the areas include many people who are not poor.

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.

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)
BOTH SEXES		
Labor force	205	150
Total employment	210	155
Agriculture	95	60
Nonagricultural employment	210	155
Unemployment	90	95
MALE		
Labor force	115	95
Total employment	125	100
Agriculture	85	55
Nonagricultural employment	130	105
Unemployment	70	80
FEMALE		
Labor force	140	110
Total employment	140	110
Agriculture	35	25
Nonagricultural employment	140	110
Unemployment	60	70

The figures presented in table B are to be used for other characteristics and are approximations of the standard errors of

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	—	—	—	—	—

all such characteristics. They should be interpreted as providing an indication of the order of magnitude of the standard errors rather than as the precise standard error for any specific item.

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

Illustration. Assume that the tables showed the total number of persons working a specific number of hours as 15,000,000, an increase of 500,000 over the previous month. Linear interpolation in the first column of table B shows that the standard error of 15,000,000 is about 133,000. Consequently, the chances are about 68 out of 100 that the sample estimate differs by less than 133,000 from the figure which would have been obtained from a complete count of the number of persons working the given number of hours. Using the 133,000 as the standard error of the monthly level in table C, it may be seen that the standard error of the 500,000 increase is about 126,000.

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 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 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	

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.

Indexes of diffusion of changes in number of employees on nonagricultural payroll

These indexes measure the percent of industries which posted increases in employment over the specified time span. The indexes are calculated from 172 unpublished seasonally adjusted employment series (two-digit nonmanufacturing industries and three-digit manufacturing industries) covering all nonagricultural payroll employment in the private sector. A more

detailed discussion of these indexes appears in "Introduction of Diffusion Indexes," in the December, 1974 issue of *Employment and Earnings*.

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)
Monthly data		
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.
Annual average data		
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 1973 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 due to the March 1973 benchmark adjustment is shown in table G.

Table G. Nonagricultural payroll employment estimates, by industry divisions, as a percentage of the benchmark for 1973

Industry division	1973
Total	98.4
Mining	96.5
Contract construction	90.4
Manufacturing	98.9
Transportation and public utilities	99.3
Wholesale and retail trade	97.8
Finance, insurance, and real estate	99.5
Services	99.1
Government	99.5

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 1973¹

Industry division	Number of establishments in samples	Employees	
		Number reported	Percent of total
Total	157,500	30,648,000	41
Mining	2,200	310,000	50
Contract construction	16,100	720,000	20
Manufacturing	46,900	11,860,000	60
Transportation and public utilities:			
Railroad transportation (ICC)	93	526,000	94
Other transportation and public utilities	7,100	2,860,000	54
Wholesale and retail trade	38,500	3,002,000	18
Finance, insurance, and real estate	9,900	1,483,000	37
Services	23,100	2,670,000	21
Government:			
Federal (Civil Service Commission) ²	3,300	1,524,000	100
State and local	10,300	5,693,000	51

¹ 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.

² 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 3,300 reports covering about 54 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 1973

Industry	Employees	
	Number reported	Percent of total
Total	11,278,000	54
Manufacturing	10,386,000	53
Metal mining	64,000	72
Coal mining	58,000	40
Communication:		
Telephone	754,000	78
Telegraph	16,000	63

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 usually 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 arises from improvements in the quality of the benchmark data. Improvements brought about by the most recent expansion in unemployment insurance coverage were the major cause of differences in the March 1973 benchmark adjustments. (See article by Carol M. Utter, BLS Establishment Estimates Revised to March 1973 Benchmark Levels, in the December 1974 issue.) 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 errors¹ for average weekly hours and average hourly earnings by industry division

Industry division	Average benchmark revision in estimates of employment ²	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 ³			

¹ Relative errors relate to March 1971 data.

² The average percent revision in employment for the 6 most recent annual benchmarks (1966-71).

³ 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 ¹	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

¹ 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	700	700
100,000	900	900
200,000	1,600	1,400
500,000	2,700	2,600
1,000,000	4,800	4,600
2,000,000	9,000	8,700
10,000,000	24,000	20,200
Total nonagricultural employment	102,000	89,000
Mining	5,000	4,000
Contract construction	20,000	21,000
Manufacturing	45,000	42,000
Transportation and public utilities	13,000	12,000
Wholesale and retail trade	35,000	30,000
Finance, insurance, and real estate	7,000	7,000
Services	29,000	24,000
Government	46,000	40,000

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 1974, plus a short description of the methodology,

are published in the February 1975 *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 and hourly earnings, 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.

Labor turnover rates are seasonally adjusted by applying appropriate seasonal factors to the rate. These factors are derived by the Census X-11 method using the trading day option. As a result these series are adjusted for the number of times each day of the week occurs in a given month, as well as for the month of the year.

The revised seasonally adjusted series for the establishment data reflect experience through August 1974. Seasonal factors to be used for current adjustment appear in the December 1974 issue of *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.

UNITED STATES DEPARTMENT OF LABOR

Bureau of Labor Statistics

REGION I - BOSTON John Fitzgerald Kennedy Federal Bldg. Government Center - Room 1603 Boston, Mass. 02203	REGION II - NEW YORK 1515 Broadway—Suite 3400 New York, N.Y. 10036	REGION III - PHILADELPHIA 3535 Market Street P.O. Box 13309 (Zip 19101) Philadelphia, Pa.	REGION IV - ATLANTA 1371 Peachtree Street, N.E. Atlanta, Ga. 30309
REGION V - CHICAGO 230 S. Dearborn Street Chicago, Ill. 60604	REGION VI - DALLAS 555 Griffin Sq., 2nd Fl. Dallas, Tex. 75202	REGIONS VII & VIII - KANSAS CITY 911 Walnut Street Kansas City, Mo. 64106	REGIONS IX & X - SAN FRANCISCO 450 Golden Gate Avenue, Box 36017 San Francisco, Calif. 94102

COOPERATING STATE AGENCIES

Employment and Labor Turnover Statistics Programs

BLS
Region

IV	ALABAMA	- Department of Industrial Relations, Industrial Relations Building, Montgomery 36104
X	ALASKA	- Employment Security Division, Department of Labor, P.O. Box 3-7000, Juneau 99801
IX	ARIZONA	- Department of Economic Security, P.O. Box 6123, Phoenix 85005
VI	ARKANSAS	- Employment Security Division, Department of Labor, P.O. Box 2981, Little Rock 72203
IX	CALIFORNIA	- Employment Development Department, P.O. Box 1679, Sacramento 95808 (Employment).
VIII	COLORADO	- Division of Employment, Department of Labor and Employment, Room 222, 1210 Sherman Street, Denver 80203
I	CONNECTICUT	- Employment Security Division, Labor Department, 200 Folly Brook Boulevard, Wethersfield 06109
III	DELAWARE	- Department of Labor, 205 West 14th Street, Wilmington 19899
III	DIST. OF COL.	- Office of Administration and Management Service, D.C. Manpower Administration, Room 626, 500 C Street, N.W., Washington 20001
IV	FLORIDA	- Division of Employment Security, Department of Commerce, Caldwell Building, Tallahassee 32304
IV	GEORGIA	- Employment Security Agency, Department of Labor, Room 306, 501 Pullman Street S.W., Atlanta 30312
IX	HAWAII	- Department of Labor and Industrial Relations, P.O. Box 3680, Honolulu 96811
X	IDAHO	- Department of Employment, P.O. Box 7189, Boise 83707
V	ILLINOIS	- Bureau of Employment Security, Department of Labor, 165 North Canal Street, Chicago 60606
V	INDIANA	- Employment Security Division, 10 North Senate Avenue, Indianapolis 46204
VII	IOWA	- Employment Security Commission, 1000 East Grand Avenue, Des Moines 50319
VII	KANSAS	- Employment Security Division, Department of Labor, 401 Topeka Avenue, Topeka 66603
IV	KENTUCKY	- Department of Human Resources, P.O. Box 678, Frankfort 40601
VI	LOUISIANA	- Department of Employment Security, P.O. Box 44094, Capitol Station, Baton Rouge 70804
I	MAINE	- Employment Security Commission, Department of Manpower Affairs, 20 Union Street, Augusta 04330
III	MARYLAND	- Department of Employment and Social Services, 1100 North Eutaw Street, Baltimore 21201
I	MASSACHUSETTS	- Division of Employment Security, Charles F. Hurley Employment Security Building, Government Center, Boston 02114
V	MICHIGAN	- Employment Security Commission, Department of Labor, 7310 Woodward Avenue, Detroit 48202
V	MINNESOTA	- Department of Manpower Services, 390 North Robert Street, St. Paul 55101
IV	MISSISSIPPI	- Employment Security Commission, P.O. Box 1699, Jackson 39205
VII	MISSOURI	- Division of Employment Security, Department of Labor and Industrial Relations, P.O. Box 59, Jefferson City 65101
VIII	MONTANA	- Employment Security Division, Department of Labor and Industry, P.O. Box 1728, Helena 59601
VII	NEBRASKA	- Division of Employment, Department of Labor, P.O. Box 94600, State House Station, Lincoln 68509
IX	NEVADA	- Employment Security Department, P.O. Box 602, Carson City 89701
I	NEW HAMPSHIRE	- Department of Employment Security, 32 South Main Street, Concord 03301
II	NEW JERSEY	- Department of Labor and Industry, 202 John Fitch Plaza, Trenton 08625
VI	NEW MEXICO	- Employment Security Commission, P.O. Box 1928, Albuquerque 87103
II	NEW YORK	- Division of Employment, N.Y. State Department of Labor, State Campus—Building 12, Albany 12201
IV	NORTH CAROLINA	- Division of Statistics, Department of Labor, P.O. Box 27407, Raleigh 27611 (Employment). Employment Security Commission, P.O. Box 25903, Raleigh 27611 (Turnover).
VIII	NORTH DAKOTA	- Employment Security Bureau, P.O. Box 1537, Bismarck 58505
V	OHIO	- Division of Research and Statistics, Bureau of Employment Services, 145S. Front St., Columbus 43216
VI	OKLAHOMA	- Employment Security Commission, Will Rogers Memorial Office Building, Oklahoma City 73105
X	OREGON	- Employment Division, Department of Human Resources, Room 402, Labor and Industries Building, Salem 97310
III	PENNSYLVANIA	- Bureau of Employment Security, Department of Labor and Industry, Seventh and Forster Streets, Harrisburg 17121
I	RHODE ISLAND	- Division of Statistics and Census, Department of Labor, Room 117, 235 Promenade Street, Providence 02908 (Employment). Department of Employment Security, 24 Mason Street, Providence 02903 (Turnover).
IV	SOUTH CAROLINA	- Employment Security Commission, P.O. Box 995, Columbia 29202
VIII	SOUTH DAKOTA	- Employment Security Department, Department of Human Affairs, P.O. Box 730, Aberdeen 57401
IV	TENNESSEE	- Department of Employment Security, Room 519, Cordell Hull Office Building, Nashville 37219
VI	TEXAS	- Employment Commission, TEC Building, 15th and Congress Avenue, Austin 78778
VIII	UTAH	- Department of Employment Security, P.O. Box 11249, Salt Lake City 84111
I	VERMONT	- Department of Employment Security, P.O. Box 488, Montpelier 05602
III	VIRGINIA	- Division of Research and Statistics, Department of Labor and Industry, P.O. Drawer 1814, Richmond 23214 (Employment). Employment Commission, P.O. Box 1358, Richmond 23211 (Turnover).
X	WASHINGTON	- Employment Security Department, P.O. Box 367, Olympia 98504
III	WEST VIRGINIA	- Department of Employment Security, State Office Building, 112 California Avenue, Charleston 25305
V	WISCONSIN	- Department of Industry, Labor, and Human Relations, P.O. Box 608, Madison 53701
VIII	WYOMING	- Employment Security Commission, P.O. Box 2760, Casper 82601