

# Employment and Earnings

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<b>CALENDAR OF FEATURES</b>												
In addition to the monthly data appearing regularly in Employment and Earnings, special features appear in most of the issues, as shown below:												
	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Oct.	Nov.	Dec.	
<b>Household data</b>												
Annual averages	x											
Revised seasonally adjusted series		x										
<b>Quarterly averages:</b>												
Seasonally adjusted data												
Persons not in labor force												
Persons of Spanish origin												
Vietnam-Era veterans and nonveterans	x			x			x		x			
Poverty-nonpoverty area data												
<b>Establishment data</b>												
<b>National annual averages:</b>												
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									(1)			
State and area annual averages					x							
Area definitions					x							

<sup>1</sup> The issue that introduces the establishment data adjusted to new benchmarks varies. The October 1975 issue marks the introduction of March 1974 benchmarks.

# MONTHLY HOUSEHOLD DATA

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

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## Correction

The November seasonal factor for unemployed males 16 to 19 years of age, was erroneously published in the table on Current Seasonal Adjustment Factors for Labor Force Components as -261 on page 10 of the February 1976 issue of *Employment and Earnings*. The correct factor is -26.

# Employment and Unemployment Developments, May 1976

Unemployment resumed its downward course in May and employment continued to rise. The overall rate of unemployment was 7.3 percent, compared with 7.5 percent in the prior 2 months and the recession peak of 8.9 percent recorded a year earlier.

Total employment—as measured by the monthly survey of households—rose by 300,000 in May to another new high of 87.7 million. Since the March 1975 low, employment has advanced by 3.6 million.

Nonagricultural payroll employment—as measured by the monthly survey of establishments—was up only slightly from April but would have risen by about 150,000 were it not for increased strike activity during the survey period. At 79.0 million, payroll jobs were 2.7 million above the June 1975 low point.

## Unemployment

The number of unemployed persons declined by 180,000 in May to 6.9 million (seasonally adjusted), following 2 months of little change. Total joblessness has now fallen by 1.4 million from the May 1975 recession high.

The overall rate of unemployment was 7.3 percent in May. The over-the-month reduction took place almost entirely among adult women, as their jobless rate fell 0.5 percentage point to 6.8 percent. This decline reflected in part, a continued improvement among female household heads, whose jobless rate moved down to 6.3 percent. Unemployment rates for adult males and virtually all other labor force groups showed little or no change but nearly all were below recession peaks reached during 1975.

The average (mean) duration of unemployment dropped 0.7 week in May to 15.0 weeks, the lowest level in a year. This decline stemmed largely from a reduction in the number of persons unemployed 27 weeks and longer. The number in this category now totals 1.2 million, also the lowest figure in a year and down by 550,000 from the November 1975 high point.

In contrast to the reduction in total joblessness, those working part time for economic reasons—sometimes referred to as the partially unemployed—rose by

130,000 in May to 3.4 million. However, the number of persons in this category has fluctuated in a comparatively narrow range of 3.2 to 3.4 million since last summer.

## Total employment and labor force

Total employment increased by 300,000 in May to a high of 87.7 million, continuing the strong growth in evidence since early 1975. The May gain was greatest among women. Employment has now risen by 3.6 million from the March 1975 recession low, with 2.5 million of the gain occurring in the last 6 months.

The civilian labor force held about steady in May at 94.6 million, following a 720,000 increase in April. As a consequence, the overall participation rate held at the alltime high of 61.6 percent. Over the past year, the labor force has expanded by 1.8 million, with adult women making up 1.1 million of the gain, adult men 500,000, and teenagers 200,000.

## Industry payroll employment

Total nonagricultural payroll employment edged up in May to 79.0 million (seasonally adjusted). The payroll job count has risen continuously since the June 1975 low, increasing by 2.7 million over the period. The job gain in May was restricted by a large increase in strike activity. (Persons on strike during the survey period are not on payrolls and thus are not counted as employed in the establishment survey.) Over-the-month employment gains occurred in 60 percent of the 172 industries comprising the BLS diffusion index of nonagricultural payroll employment.

Manufacturing employment was down slightly in May, as a decline in nondurable goods offset a slight advance in durables. The decrease in nondurables resulted almost entirely from a major strike that idled some 60,000 rubber workers. Throughout the other manufacturing industries, generally small movements tended to offset each other. However, employment in transportation equipment did continue its upsurge, with a job increase of 15,000. Contract construction employment was unchanged in May at 3.4 million.

In the service-producing sector, strong employment gains continued in services (70,000), and there was also some growth posted in State and local government (25,000). Increased strike activity was responsible for a decline in transportation and public utilities (15,000), while employment in finance, insurance, and real estate was unchanged despite a strike affecting some 20,000 workers.

#### **Hours of work**

The average workweek rebounded from the depressed April levels, which had been affected by the occurrence of religious observances during the survey period. Specifically, hours for all production or non-supervisory workers on private nonagricultural payrolls rose by 0.3 hour to 36.3 hours, and the manufacturing workweek rose 0.9 hour to 40.3 hours. Nearly all of the latter increase took place in overtime. These gains returned the respective levels to those prevailing in February and March.

Primarily as a result of the expansion of the workweek, the index of aggregate weekly hours of private nonagricultural production or nonsupervisory employees rose by 0.8 percent to 111.4 (1967=100), resuming the fairly steady uptrend that has persisted for over a year. The increase was much sharper in manufacturing indus-

tries because of the substantial advance in factory hours. Since the March 1975 low, the index of factory hours has risen by 9.6 percent.

#### **Hourly and weekly earnings**

Average hourly earnings of production or nonsupervisory workers on private nonagricultural payrolls were 1.3 percent above the April level and 7.8 percent above May 1975 (seasonally adjusted). Average weekly earnings rose 2.1 percent over the month and 9.0 percent from last May.

Before adjustment for seasonality, average hourly earnings rose by 6 cents in May to \$4.83. Over the last 12 months, they have increased by 35 cents. Weekly earnings averaged \$174.85 in May, up \$4.08 from April and \$14.47 from May of last year.

#### **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 183.6 (1967=100) in May, 0.7 percent higher than in April. The index was 7.7 percent above May a year ago. During the 12-month period ended in April, the Hourly Earnings Index in dollars of constant purchasing power rose 1.5 percent.

## HOUSEHOLD DATA QUARTERLY AVERAGES

### A-56. Employment status of the civilian noninstitutional population of Spanish origin and color, by sex and age

[Numbers in thousands]

Employment status	Total		White		Negro <sup>1</sup>		Spanish origin <sup>2</sup>	
	I 1975	I 1976	I 1975	I 1976	I 1975	I 1976	I 1975	I 1976 <sup>c</sup>
<b>TOTAL</b>								
Civilian noninstitutional population . . . . .	150,243	152,971	132,717	134,822	15,384	15,805	6,609	6,606
Civilian labor force . . . . .	91,152	92,858	80,910	82,243	8,930	9,168	3,957	3,928
Percent of population . . . . .	60.7	60.7	61.0	61.0	58.0	58.0	59.9	59.5
Employment . . . . .	82,869	84,948	74,080	75,809	7,583	7,831	3,465	3,454
Agriculture . . . . .	2,922	2,851	2,687	2,622	195	184	178	182
Nonagricultural industries . . . . .	79,948	82,097	71,393	73,188	7,388	7,647	3,287	3,273
Unemployment . . . . .	8,283	7,911	6,830	6,433	1,347	1,337	492	474
Unemployment rate . . . . .	9.1	8.5	8.4	7.8	15.1	14.6	12.4	12.1
Not in labor force . . . . .	59,091	60,113	51,808	52,580	6,454	6,637	2,652	2,678
<b>Males, 20 years and over</b>								
Civilian noninstitutional population . . . . .	62,911	64,139	56,144	57,132	5,900	6,059	2,618	2,621
Civilian labor force . . . . .	50,473	50,875	45,317	45,648	4,469	4,495	2,232	2,203
Percent of population . . . . .	80.2	79.3	80.7	79.9	75.7	74.2	85.3	84.1
Employment . . . . .	46,626	47,281	42,115	42,710	3,872	3,898	1,996	1,988
Agriculture . . . . .	2,273	2,180	2,074	1,988	169	154	140	139
Nonagricultural industries . . . . .	44,353	45,101	40,041	40,722	3,703	3,744	1,856	1,849
Unemployment . . . . .	3,848	3,594	3,201	2,938	597	597	236	216
Unemployment rate . . . . .	7.6	7.1	7.1	6.4	13.4	13.3	10.6	9.8
Not in labor force . . . . .	12,437	13,264	10,828	11,484	1,431	1,564	386	418
<b>Females, 20 years and over</b>								
Civilian noninstitutional population . . . . .	71,164	72,455	62,776	63,770	7,355	7,553	3,035	3,059
Civilian labor force . . . . .	32,661	33,885	28,396	29,325	3,735	3,945	1,309	1,319
Percent of population . . . . .	45.9	46.8	45.2	46.0	50.8	52.2	43.1	43.1
Employment . . . . .	29,914	31,239	26,130	27,203	3,288	3,482	1,772	1,153
Agriculture . . . . .	375	371	354	352	12	16	14	22
Nonagricultural industries . . . . .	29,539	30,868	25,776	26,851	3,276	3,466	1,159	1,131
Unemployment . . . . .	2,747	2,646	2,266	2,123	447	463	137	166
Unemployment rate . . . . .	8.4	7.8	8.0	7.2	12.0	11.7	10.5	12.6
Not in labor force . . . . .	38,503	38,571	34,380	34,445	3,620	3,608	1,725	1,741
<b>Both sexes, 16-19 years</b>								
Civilian noninstitutional population . . . . .	16,168	16,376	13,797	13,920	2,129	2,193	956	926
Civilian labor force . . . . .	8,018	8,099	7,197	7,269	725	728	416	406
Percent of population . . . . .	49.6	49.5	52.2	52.2	34.1	33.2	43.5	43.8
Employment . . . . .	6,330	6,428	5,834	5,896	423	451	297	314
Agriculture . . . . .	274	300	259	282	14	14	24	21
Nonagricultural industries . . . . .	6,056	6,128	5,576	5,615	409	437	272	293
Unemployment . . . . .	1,687	1,671	1,362	1,373	303	276	119	92
Unemployment rate . . . . .	21.0	20.6	18.9	18.9	41.8	38.0	28.6	22.7
Not in labor force . . . . .	8,151	8,278	6,600	6,651	1,403	1,465	540	519

<sup>1</sup> Data relate to Negro workers only.

<sup>2</sup> Data on persons of Spanish origin are tabulated separately, without regard to race/color,

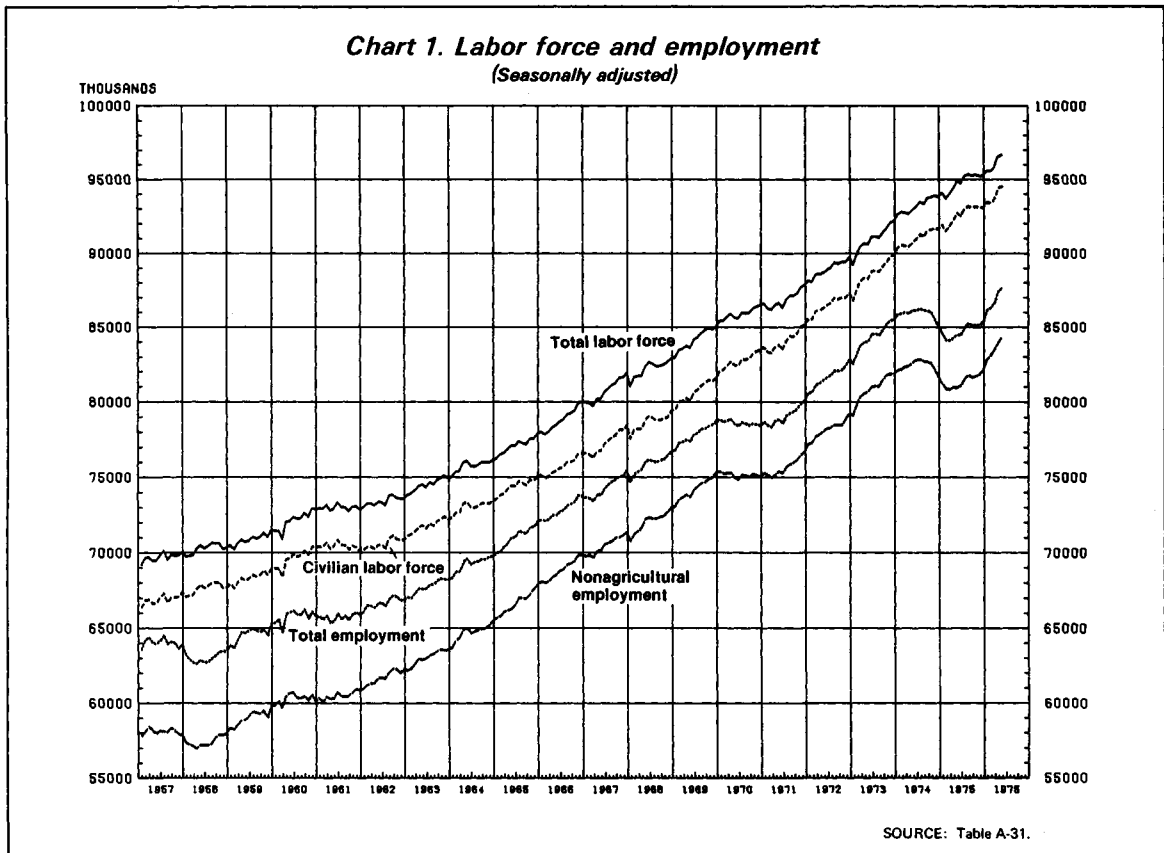
which means that they are also included in the data for white and Negro workers. According to the 1970 Census, approximately 98 percent of their population is white.

c= corrected.

# CHARTS

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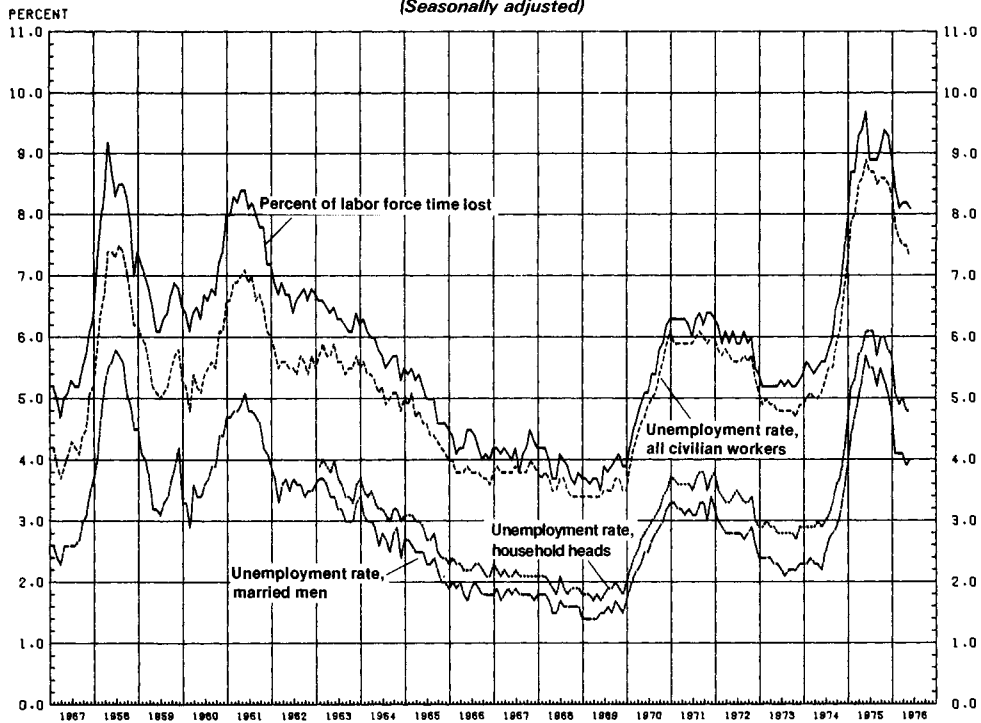
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**Chart 2. Major unemployment indicators**

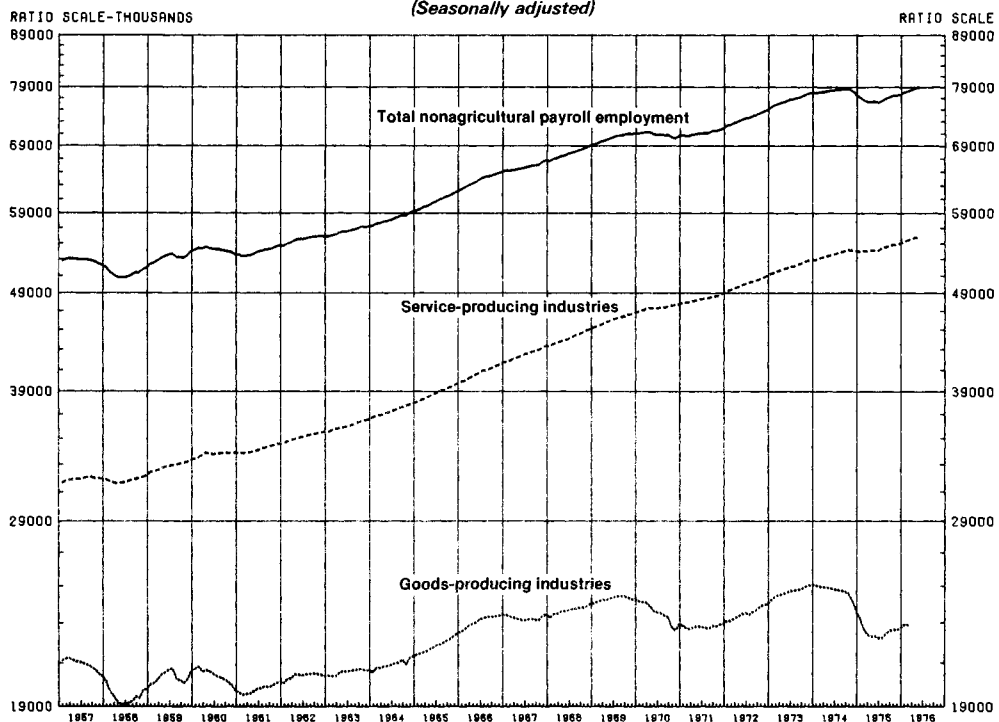
*(Seasonally adjusted)*



SOURCE: Table A.34.

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

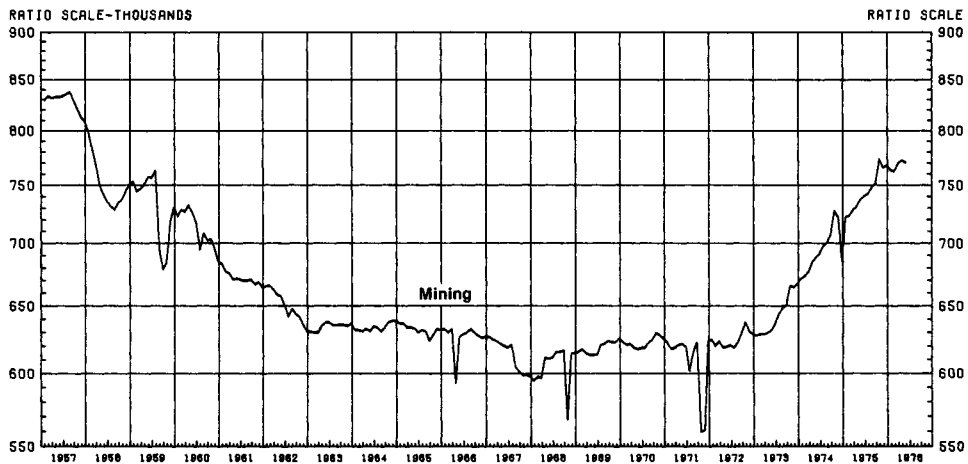
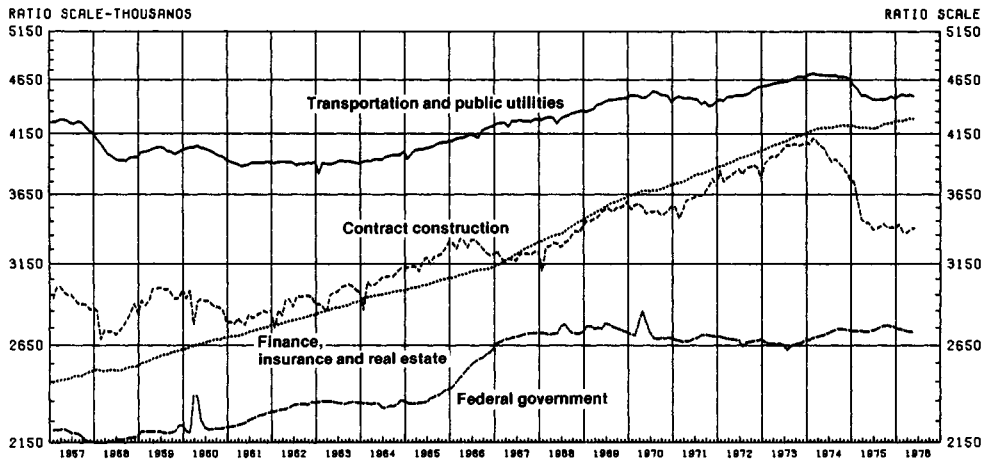
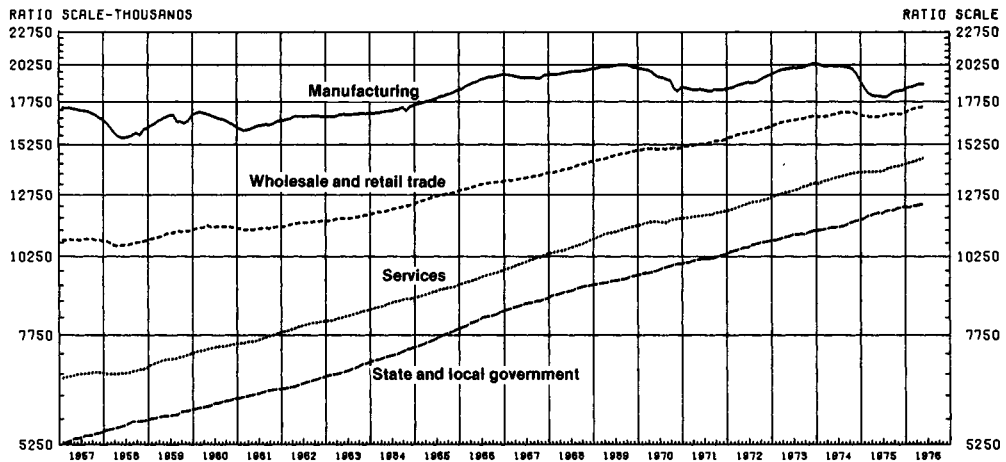
*(Seasonally adjusted)*



NOTE: Data for two most recent months are preliminary.

SOURCE: Table B-5.

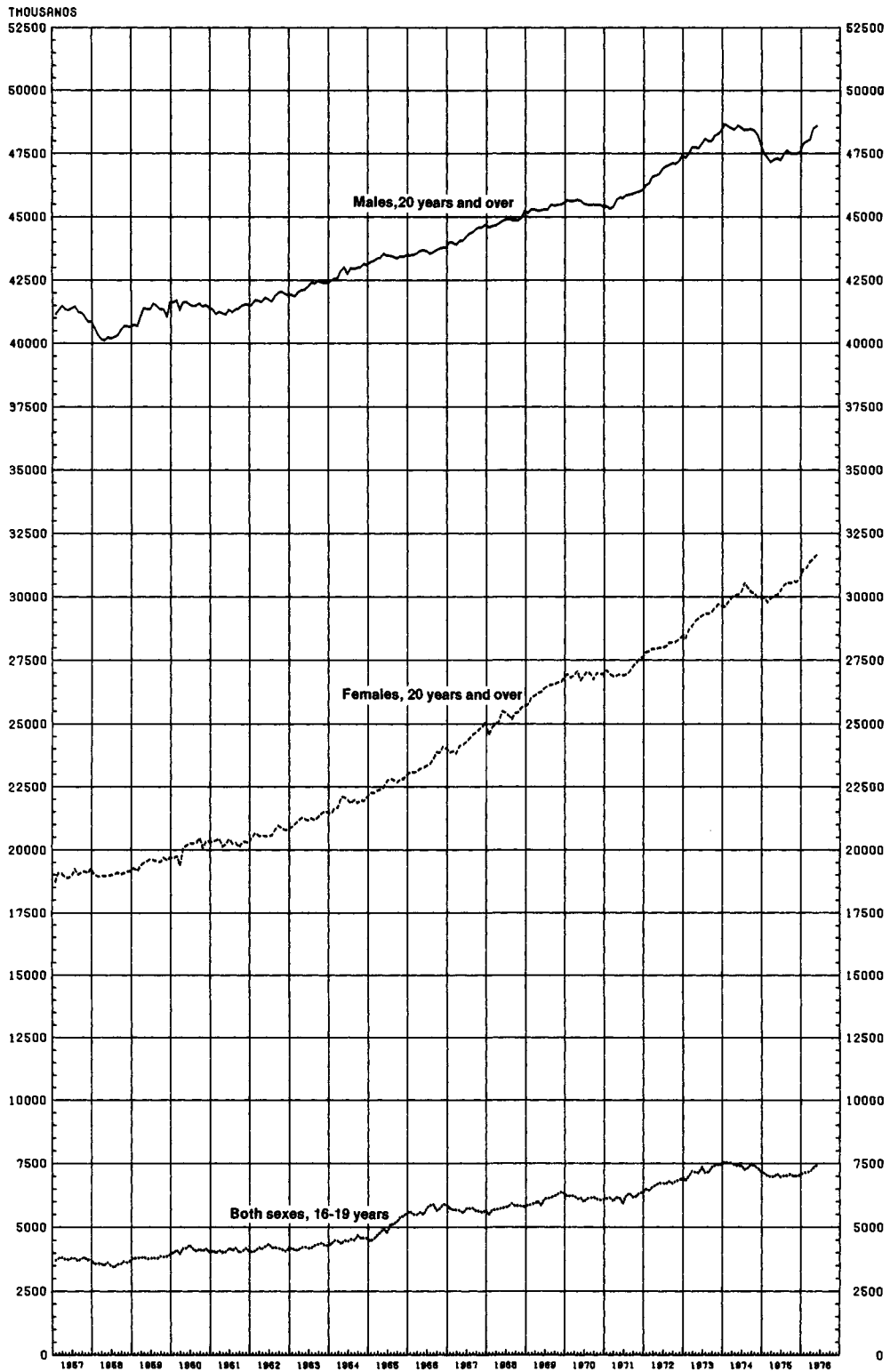
**Chart 4. Nonagricultural payroll employment by industry**  
(Seasonally adjusted)



NOTE: Data for two most recent months are preliminary.

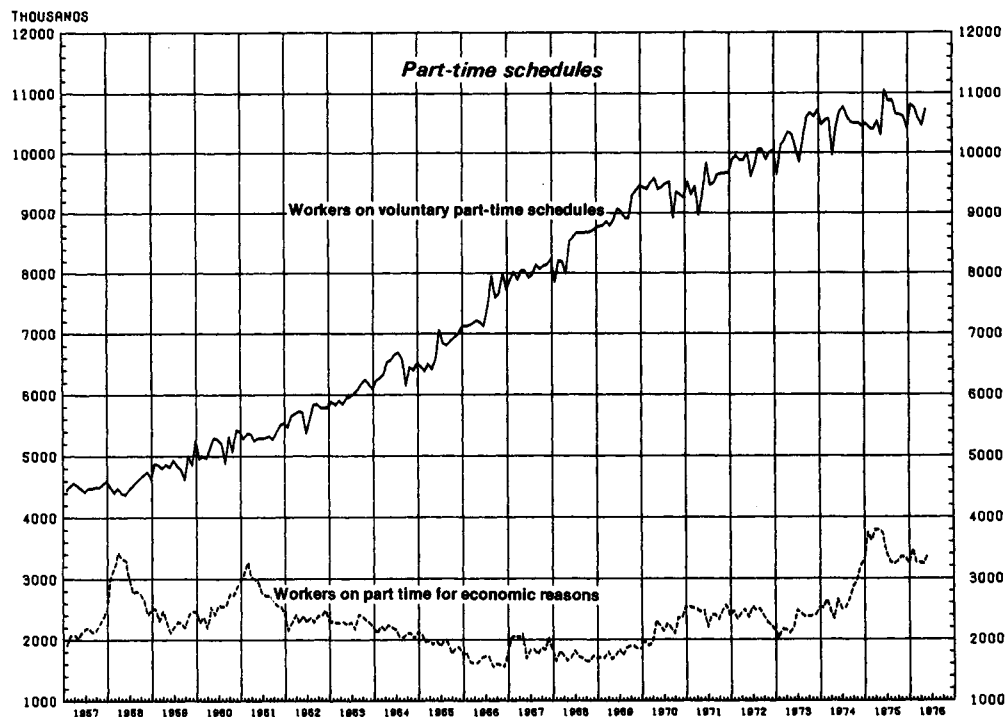
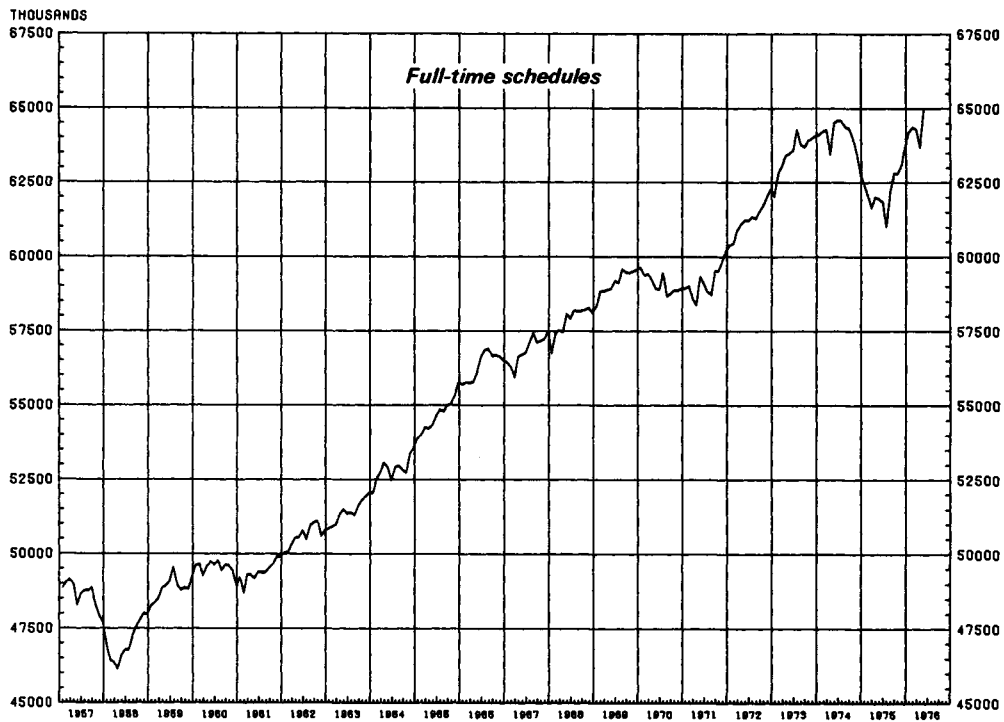
SOURCE: Table B-5.

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



SOURCE: Table A-31.

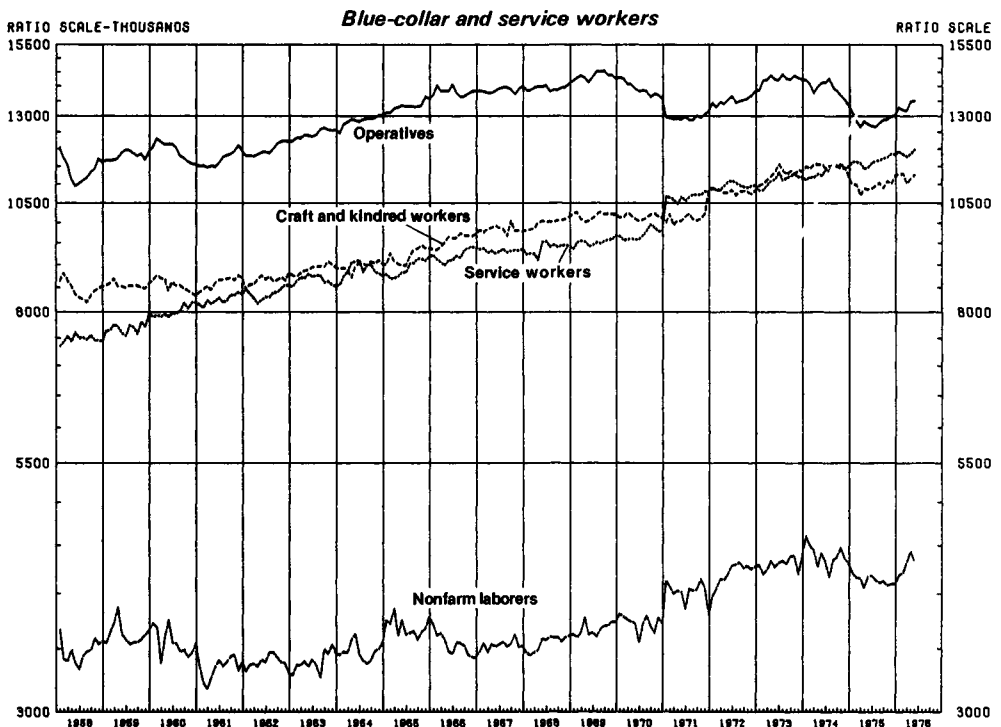
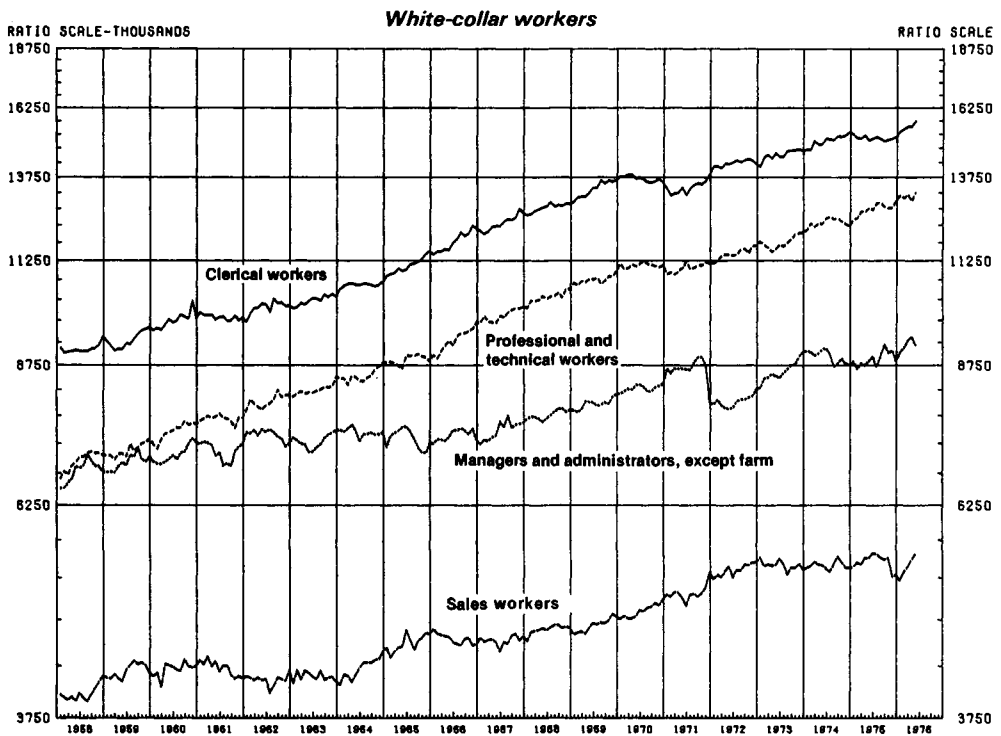
**Chart 6. Persons at work full and part time  
in nonagricultural industries**  
(Seasonally adjusted)



SOURCE: Table A-39.

### Chart 7. Employment in nonfarm occupations

(Seasonally adjusted)

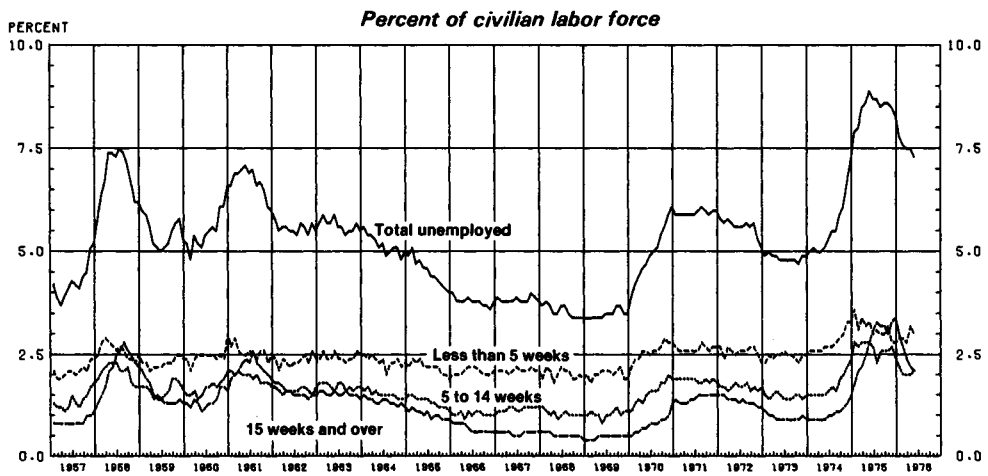
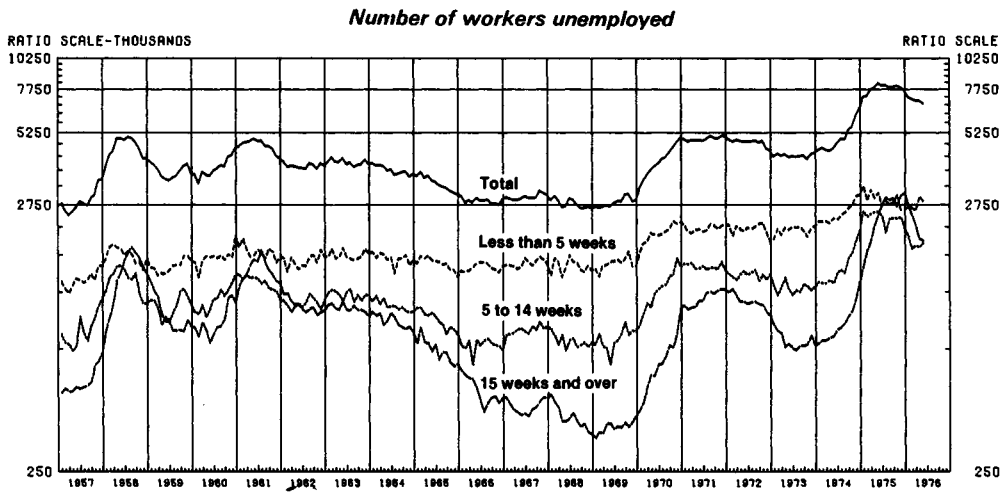


NOTE: Two breaks in series occurred in 1971 stemming from the reclassification of occupations introduced in January and from a questionnaire change concerning "major activity" introduced in December. See "Changes in occupational classification system" in the Explanatory Notes.

SOURCE: Table A-39.

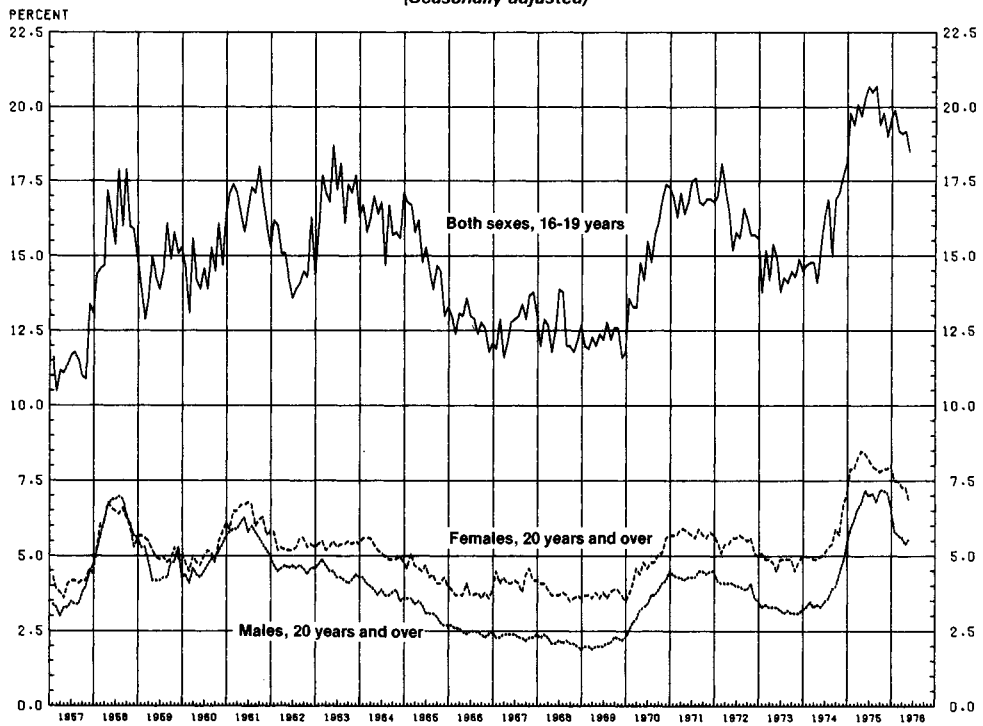
### Chart 8. Duration of unemployment

(Seasonally adjusted)



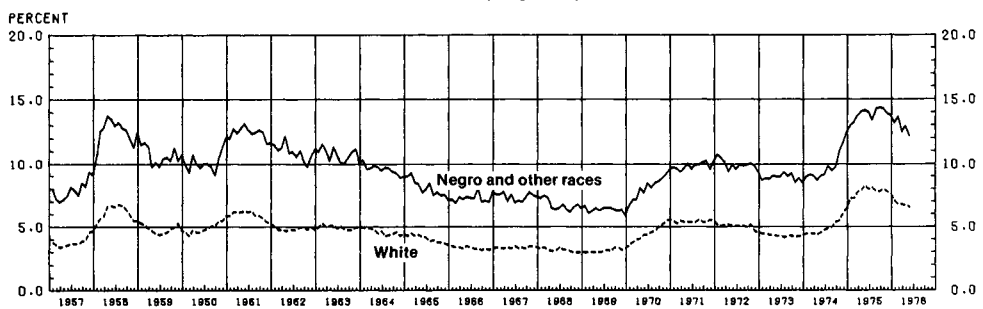
SOURCE: Table A-35.

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

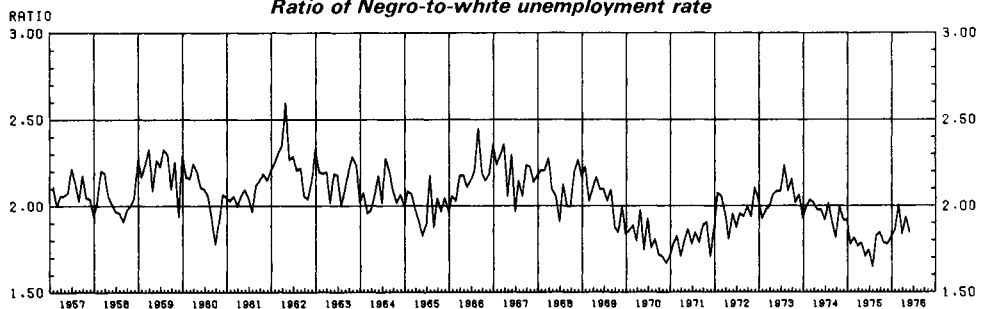


SOURCE: Table A-34.

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



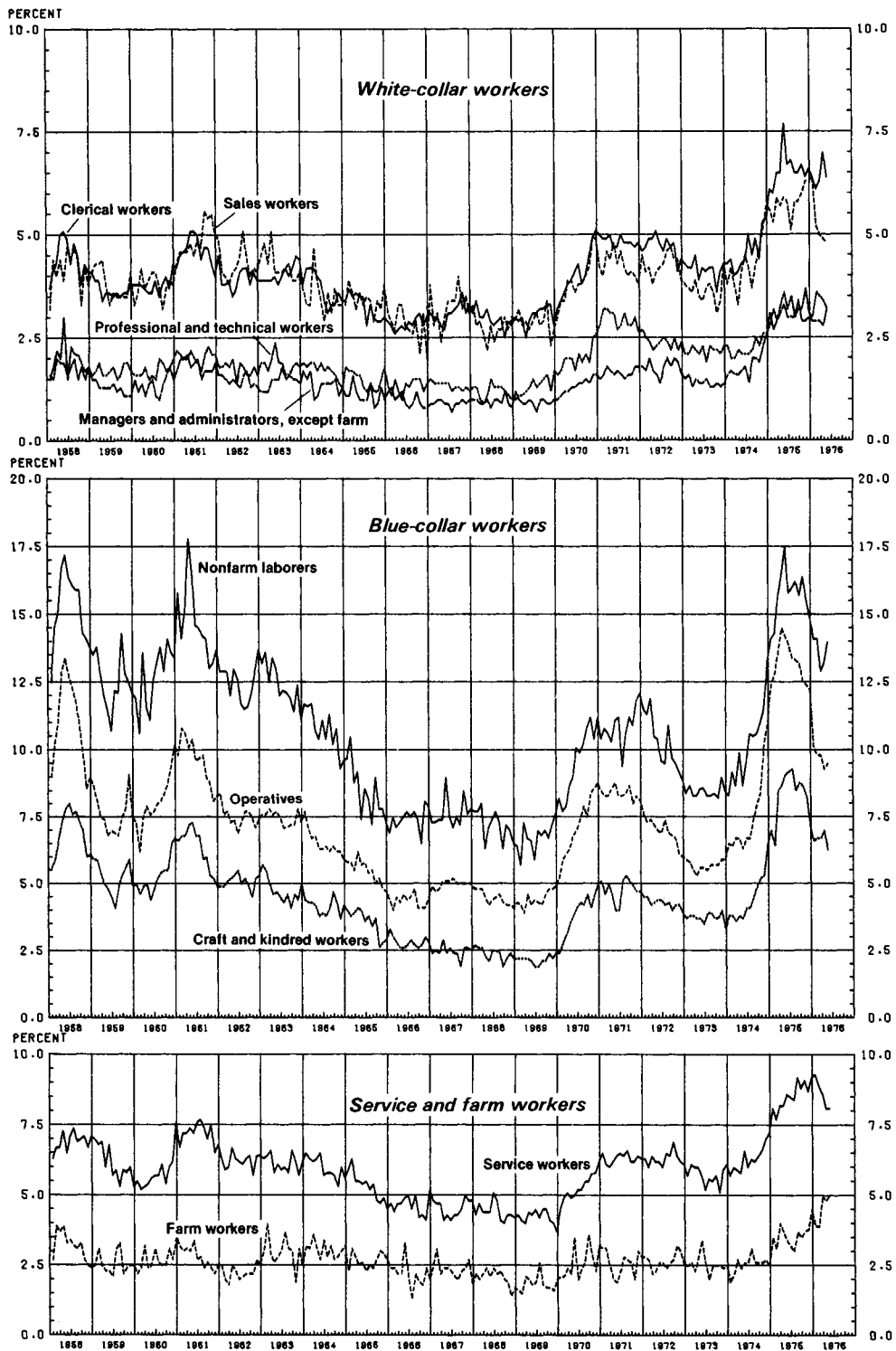
**Ratio of Negro-to-white unemployment rate**



SOURCE: Table A-33.

### Chart 11. Unemployment rates by major occupational groups

(Seasonally adjusted)

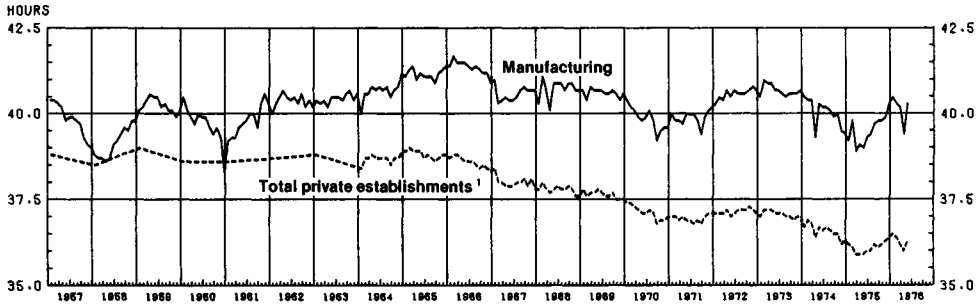


SOURCE: Table A-34.

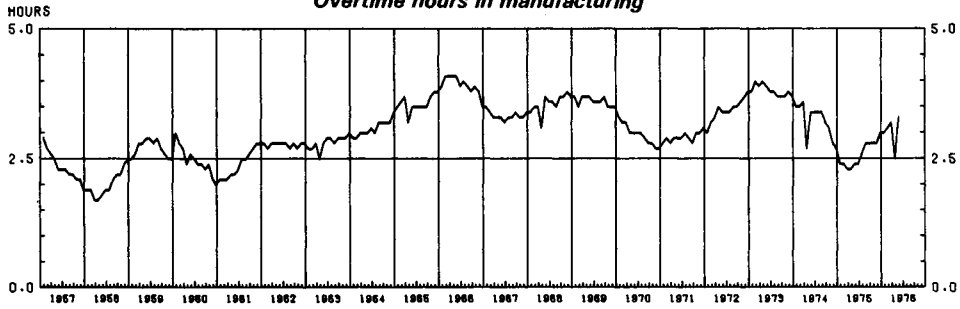


**Chart 12. Average weekly hours in nonagricultural industries**

*(Seasonally adjusted)*



**Overtime hours in manufacturing**



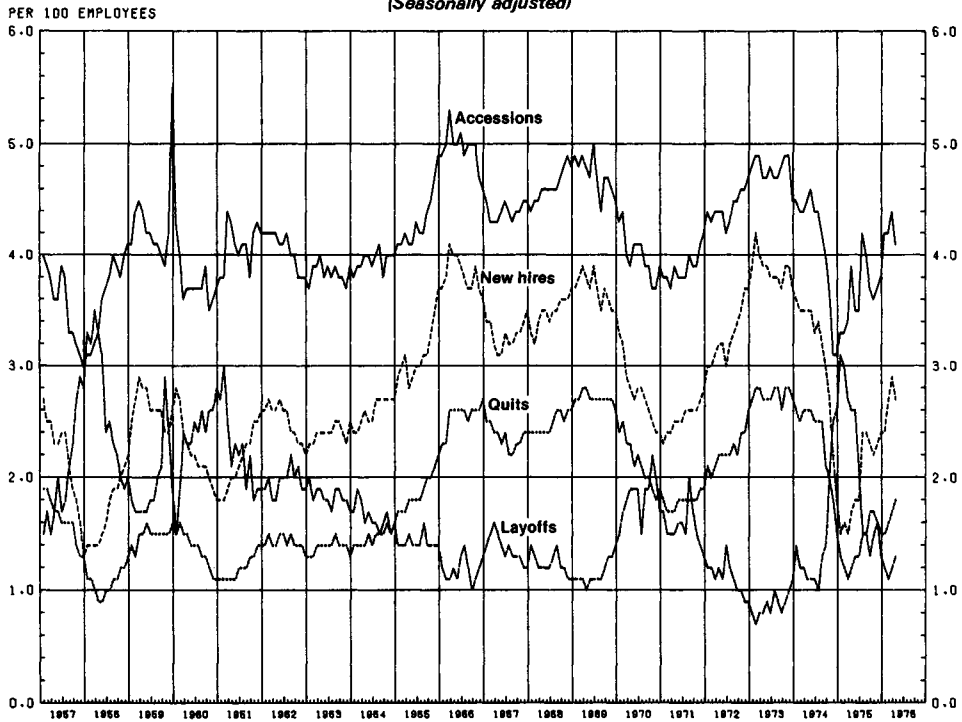
<sup>1</sup> Annual averages prior to 1964.

NOTE: Data for two most recent months are preliminary.

SOURCE: Table C-7.

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

*(Seasonally adjusted)*

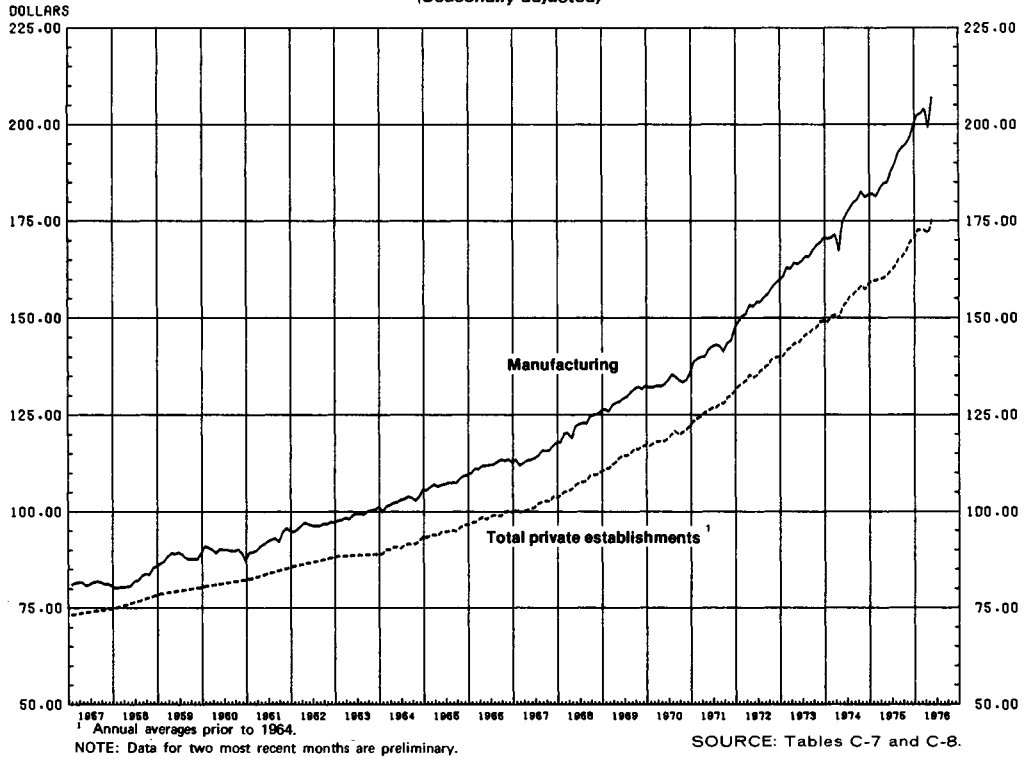


NOTE: Data for current month are preliminary.

SOURCE: Table D-3.

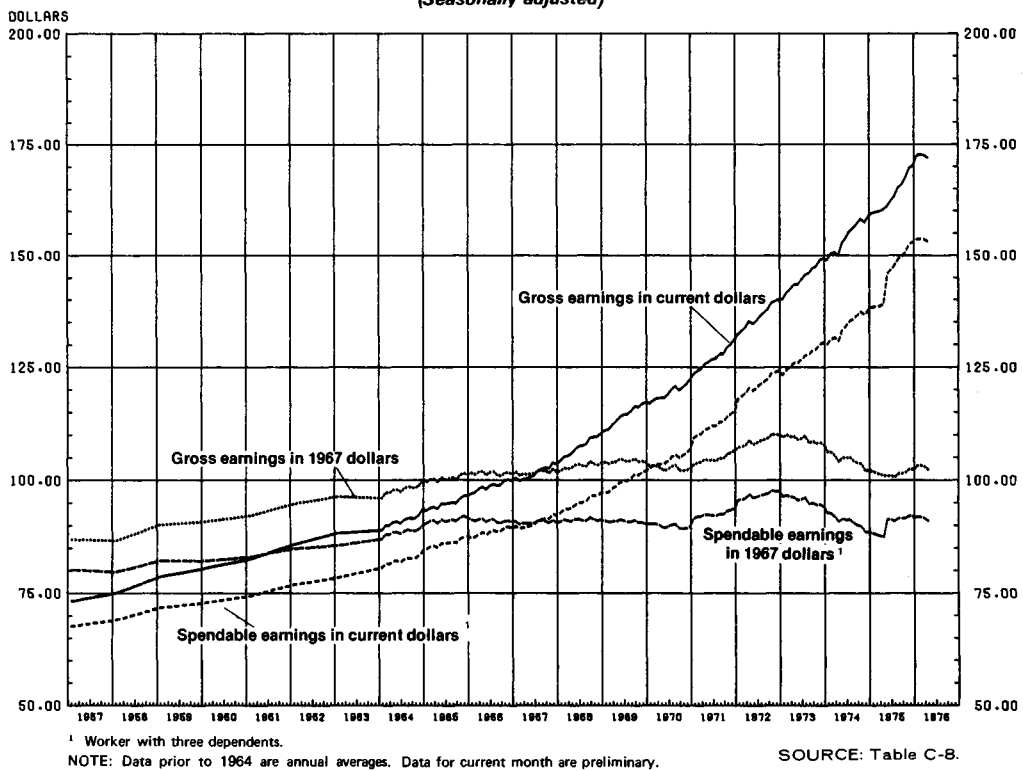
**Chart 14. Average weekly earnings in nonagricultural industries**

*(Seasonally adjusted)*



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

*(Seasonally adjusted)*



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

(Numbers in thousands)

Year and month	Total noninstitutional population	Total labor force		Civilian labor force						Not in labor force	
		Number	Percent of population	Total	Employed			Unemployed			
					Total	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 <sup>2</sup> .....	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 <sup>2</sup> .....	119,759	72,142	60.2	69,628	65,778	5,458	60,318	3,852	5.5	-	47,617
1961.....	121,343	73,031	60.2	70,459	65,746	5,200	60,546	4,714	6.7	-	48,312
1962 <sup>2</sup> .....	122,981	73,442	59.7	70,614	66,702	4,944	61,759	3,911	5.5	-	49,539
1963.....	125,154	74,571	59.6	71,833	67,762	4,687	63,076	4,070	5.7	-	50,583
1964.....	127,224	75,830	59.6	73,091	69,305	4,523	64,782	3,786	5.2	-	51,394
1965.....	129,236	77,178	59.7	74,455	71,088	4,361	66,726	3,366	4.5	-	52,058
1966.....	131,180	78,893	60.1	75,770	72,895	3,979	68,915	2,875	3.8	-	52,288
1967.....	133,319	80,793	60.6	77,347	74,372	3,844	70,527	2,975	3.8	-	52,527
1968.....	135,562	82,272	60.7	78,737	75,920	3,817	72,103	2,817	3.6	-	53,291
1969.....	137,841	84,240	61.1	80,734	77,902	3,606	74,296	2,832	3.5	-	53,602
1970.....	140,182	85,903	61.3	82,715	78,627	3,462	75,165	4,088	4.9	-	54,280
1971.....	142,596	86,929	61.0	84,113	79,120	3,387	75,732	4,993	5.9	-	55,666
1972 <sup>2</sup> .....	145,775	88,991	61.0	86,542	81,702	3,472	78,230	4,840	5.6	-	56,785
1973 <sup>2</sup> .....	148,263	91,040	61.4	88,714	84,409	3,452	80,957	4,304	4.9	-	57,222
1974.....	150,827	93,240	61.8	91,011	85,936	3,492	82,443	5,076	5.6	-	57,587
1975.....	153,449	94,793	61.8	92,613	84,783	3,380	81,403	7,830	8.5	-	58,655
1976: January.....	154,915	94,805	61.2	92,665	84,491	2,853	81,638	8,174	8.8	7.8	60,110
February.....	155,106	94,944	61.2	92,798	84,764	2,802	81,963	8,033	8.7	7.6	60,163
March.....	155,325	95,260	61.3	93,112	85,588	2,897	82,691	7,525	8.1	7.5	60,065
April.....	155,516	95,618	61.5	93,474	86,584	3,273	83,311	6,890	7.4	7.5	59,898
May.....	155,711	95,724	61.5	93,582	87,278	3,415	83,863	6,304	6.7	7.3	59,988

<sup>1</sup> Not available.

<sup>2</sup> Not strictly comparable with prior years due to the introduction of population

adjustments in these years. For an explanation, see "Historic Comparability" under Household Data section of Explanatory Notes.

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

(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	
<b>MALES</b>											
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 <sup>1</sup> .....	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.....	58,144	48,870	84.0	46,388	43,904	4,472	39,431	2,486	5.6	-	9,274
1961.....	58,826	49,193	83.6	46,653	43,656	4,298	39,359	2,997	6.4	-	9,633
1962.....	59,626	49,395	82.8	46,600	44,177	4,069	40,108	2,423	5.2	-	10,231
1963.....	60,627	49,835	82.2	47,129	44,657	3,809	40,849	2,472	5.2	-	10,792
1964.....	61,556	50,387	81.9	47,679	45,474	3,691	41,782	2,205	4.6	-	11,169
1965.....	62,473	50,946	81.5	48,255	46,340	3,547	42,792	1,914	4.0	-	11,527
1966.....	63,351	51,560	81.4	48,471	46,919	3,243	43,675	1,551	3.2	-	11,792
1967.....	64,316	52,398	81.5	48,987	47,479	3,164	44,315	1,508	3.1	-	11,919
1968.....	65,345	53,030	81.2	49,533	48,114	3,157	44,957	1,419	2.9	-	12,315
1969.....	66,365	53,688	80.9	50,221	48,818	2,963	45,855	1,403	2.8	-	12,677
1970.....	67,409	54,343	80.6	51,195	48,960	2,861	46,099	2,235	4.4	-	13,066
1971.....	68,512	54,797	80.0	52,021	49,245	2,790	46,455	2,776	5.3	-	13,715
1972.....	69,864	55,671	79.7	53,265	50,630	2,839	47,791	2,635	4.9	-	14,193
1973 <sup>1</sup> .....	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	52,518	2,900	49,618	2,668	4.8	-	14,904
1975.....	73,494	57,706	78.5	55,615	51,230	2,801	48,429	4,385	7.9	-	15,788
1976: May.....	74,570	57,846	77.6	55,808	52,301	2,832	49,469	3,508	6.3	6.8	16,724
<b>FEMALES</b>											
1947.....	52,450	16,683	31.8	16,664	16,045	1,248	14,797	619	3.7	-	35,767
1948.....	53,088	17,351	32.7	17,335	16,617	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 <sup>1</sup> .....	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.....	61,615	23,272	37.8	23,240	21,874	986	20,887	1,366	5.9	-	38,343
1961.....	62,517	23,838	38.1	23,806	22,090	902	21,187	1,717	7.2	-	38,679
1962 <sup>1</sup> .....	63,355	24,047	38.0	24,014	22,525	875	21,651	1,488	6.2	-	39,308
1963.....	64,527	24,736	38.3	24,704	23,105	878	22,227	1,598	6.5	-	39,791
1964.....	65,668	25,443	38.7	25,412	23,831	832	23,000	1,581	6.2	-	40,225
1965.....	66,763	26,232	39.3	26,200	24,748	814	23,934	1,452	5.5	-	40,531
1966.....	67,829	27,333	40.3	27,299	25,976	736	25,240	1,324	4.8	-	40,496
1967.....	69,003	28,395	41.2	28,360	26,893	680	26,212	1,468	5.2	-	40,608
1968.....	70,217	29,242	41.6	29,204	27,807	660	27,147	1,397	4.8	-	40,976
1969.....	71,476	30,551	42.7	30,513	29,084	643	28,441	1,429	4.7	-	40,924
1970.....	72,774	31,560	43.4	31,520	29,667	601	29,066	1,853	5.9	-	41,214
1971.....	74,084	32,132	43.4	32,091	29,875	598	29,277	2,217	6.9	-	41,952
1972 <sup>1</sup> .....	75,911	33,320	43.9	33,277	31,072	633	30,439	2,205	6.6	-	42,591
1973 <sup>1</sup> .....	77,242	34,561	44.7	34,510	32,446	619	31,827	2,064	6.0	-	42,681
1974.....	78,575	35,892	45.7	35,825	33,417	592	32,825	2,408	6.7	-	42,683
1975.....	79,954	37,087	46.4	36,998	33,553	579	32,973	3,445	9.3	-	42,868
1976: May.....	81,141	37,877	46.7	37,773	34,977	583	34,394	2,796	7.4	8.0	43,263

<sup>1</sup> 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	May 1976										
	Total labor force		Civilian labor force				Not in labor force				
	Number	Percent of population	Total	Employed	Unemployed		Total	Keeping house	Going to school	Unable to work	Other reasons
					Number	Percent of labor force					
<b>MALES</b>											
16 years and over .....	57,846	77.6	55,808	52,301	3,508	6.3	16,724	256	4,566	1,892	10,010
16 to 21 years .....	8,249	65.5	7,521	6,370	1,151	15.3	4,352	19	3,783	36	514
16 to 19 years .....	4,952	58.4	4,604	3,803	801	17.4	3,531	19	3,176	20	316
16 to 17 years .....	1,914	45.3	1,891	1,512	379	20.0	2,315	10	2,173	16	116
18 to 19 years .....	3,038	71.4	2,713	2,291	422	15.5	1,216	9	1,003	4	200
20 to 64 years .....	51,094	89.4	49,405	46,794	2,611	5.3	6,063	104	1,387	1,387	3,185
20 to 24 years .....	8,319	85.5	7,568	6,724	843	11.1	1,406	10	1,002	50	344
25 to 54 years .....	35,854	94.1	34,917	33,422	1,496	4.3	2,239	54	378	775	1,033
25 to 29 years .....	8,195	94.3	7,820	7,337	483	6.2	494	15	242	59	177
30 to 34 years .....	6,712	96.6	6,481	6,178	303	4.7	234	6	46	63	119
35 to 39 years .....	5,496	95.8	5,296	5,089	207	3.9	239	3	39	99	98
40 to 44 years .....	5,118	94.8	5,025	4,873	152	3.0	283	11	17	124	131
45 to 49 years .....	5,225	92.9	5,195	5,027	167	3.2	401	11	20	185	185
50 to 54 years .....	5,108	89.7	5,101	4,918	183	3.6	589	7	13	245	323
55 to 64 years .....	6,921	74.1	6,920	6,648	272	3.9	2,417	41	8	562	1,806
55 to 59 years .....	4,211	83.4	4,210	4,055	155	3.7	840	12	3	289	536
60 to 64 years .....	2,710	63.2	2,710	2,593	117	4.3	1,577	29	5	273	1,271
65 years and over .....	1,800	20.2	1,800	1,704	96	5.3	7,130	133	3	485	6,509
65 to 69 years .....	1,055	29.6	1,055	983	72	6.9	2,504	33	--	181	2,290
70 years and over .....	745	13.9	745	721	23	3.2	4,626	100	2	305	4,219
<b>White</b>											
16 years and over .....	51,726	78.4	50,027	47,155	2,872	5.7	14,253	196	3,690	1,514	8,852
16 to 21 years .....	7,297	67.7	6,695	5,764	931	13.9	3,474	10	3,026	33	405
16 to 19 years .....	4,452	61.6	4,158	3,511	646	15.5	2,778	10	2,497	18	252
16 to 17 years .....	1,752	48.8	1,731	1,411	319	18.5	1,836	5	1,723	15	92
18 to 19 years .....	2,701	74.1	2,427	2,100	327	13.5	942	5	774	3	161
20 to 64 years .....	45,648	90.1	44,244	42,098	2,145	4.8	5,040	78	1,190	1,101	2,672
20 to 24 years .....	7,244	86.0	6,638	5,968	670	10.1	1,183	9	875	38	261
25 to 54 years .....	32,061	94.9	31,264	30,031	1,233	3.9	1,735	41	306	602	785
25 to 34 years .....	13,272	96.0	12,759	12,111	648	5.1	546	18	235	89	204
35 to 44 years .....	9,452	96.0	9,203	8,909	293	3.2	398	6	46	170	176
45 to 54 years .....	9,336	92.2	9,302	9,010	292	3.1	791	18	26	343	404
55 to 64 years .....	6,343	74.9	6,342	6,100	242	3.8	2,122	27	9	460	1,626
55 to 59 years .....	3,852	84.2	3,850	3,715	135	3.5	723	7	4	236	476
60 to 64 years .....	2,491	64.0	2,491	2,385	107	4.3	1,399	21	5	224	1,150
65 years and over .....	1,626	20.2	1,626	1,545	81	5.0	6,435	108	3	396	5,928
<b>Negro and other races</b>											
16 years and over .....	6,120	71.2	5,781	5,146	635	11.0	2,472	60	876	378	1,158
16 to 21 years .....	952	52.0	826	606	220	26.6	878	9	758	3	109
16 to 19 years .....	500	39.9	446	292	154	34.6	753	9	679	2	64
16 to 17 years .....	162	25.3	160	101	59	36.9	480	4	450	1	24
18 to 19 years .....	338	55.2	286	191	95	33.1	274	5	229	1	40
20 to 64 years .....	5,447	84.2	5,162	4,695	466	9.0	1,023	26	197	287	512
20 to 24 years .....	1,076	82.8	930	757	173	18.6	223	1	127	12	83
25 to 54 years .....	3,793	88.3	3,654	3,390	264	7.2	504	13	70	172	249
25 to 34 years .....	1,635	90.0	1,542	1,403	139	9.0	182	4	53	33	92
35 to 44 years .....	1,161	90.4	1,119	1,052	66	5.9	123	9	10	52	52
45 to 54 years .....	997	83.4	993	935	58	5.9	199	--	8	87	104
55 to 64 years .....	578	66.2	578	548	30	5.2	295	13	--	102	180
55 to 59 years .....	359	75.5	359	340	19	5.4	117	5	--	53	59
60 to 64 years .....	219	55.1	219	208	11	4.8	178	8	--	49	121
65 years and over .....	173	20.0	173	159	15	8.7	695	25	--	89	582

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

[Numbers in thousands]

Sex, age, and color	May 1976										
	Total labor force		Civilian labor force				Not in labor force				
	Number	Percent of population	Total	Employed	Unemployed		Total	Keeping house	Going to school	Unable to work	Other reasons
					Number	Percent of labor force					
<b>FEMALES</b>											
16 years and over .....	37,877	46.7	37,773	34,977	2,796	7.4	43,263	34,304	4,481	1,035	3,444
16 to 21 years .....	6,465	52.4	6,416	5,475	941	14.7	5,878	1,558	3,937	26	356
16 to 19 years .....	3,949	47.6	3,929	3,295	633	16.1	4,355	712	3,425	9	209
16 to 17 years .....	1,541	37.5	1,541	1,250	291	18.9	2,566	186	2,317	7	54
18 to 19 years .....	2,408	57.4	2,388	2,045	343	14.4	1,790	525	1,107	2	155
20 to 64 years .....	32,864	54.7	32,781	30,655	2,126	6.5	27,181	24,156	1,048	464	1,513
20 to 24 years .....	6,199	63.9	6,142	5,484	658	10.7	3,499	2,442	756	27	275
25 to 54 years .....	22,449	56.3	22,423	21,123	1,301	5.8	17,429	16,150	280	226	773
25 to 29 years .....	5,213	58.9	5,195	4,810	385	7.4	3,631	3,315	120	26	171
30 to 34 years .....	3,833	53.6	3,828	3,570	258	6.7	3,320	3,120	68	30	102
35 to 39 years .....	3,463	57.2	3,461	3,260	201	5.8	2,589	2,410	39	26	114
40 to 44 years .....	3,276	57.6	3,275	3,121	154	4.7	2,409	2,249	28	27	107
45 to 49 years .....	3,369	56.5	3,368	3,211	157	4.6	2,594	2,414	18	50	112
50 to 54 years .....	3,295	53.3	3,295	3,150	145	4.4	2,886	2,642	8	68	167
55 to 64 years .....	4,215	40.3	4,215	4,048	167	4.0	6,253	5,565	11	211	465
55 to 59 years .....	2,634	47.3	2,634	2,521	112	4.3	2,929	2,644	11	110	164
60 to 64 years .....	1,581	32.2	1,581	1,526	55	3.5	3,324	2,921	1	102	301
65 years and over .....	1,064	8.3	1,064	1,027	37	3.5	11,727	9,436	8	561	1,722
65 to 69 years .....	647	14.3	647	620	27	4.2	3,870	3,251	--	99	519
70 years and over .....	417	5.0	417	408	10	2.3	7,857	6,185	8	462	1,203
<b>White</b>											
16 years and over .....	32,983	46.4	32,897	30,682	2,216	6.7	38,120	30,749	3,561	852	2,958
16 to 21 years .....	5,770	55.1	5,729	5,001	728	12.7	4,695	1,271	3,117	24	283
16 to 19 years .....	3,564	50.7	3,547	3,057	490	13.8	3,465	590	2,702	9	164
16 to 17 years .....	1,398	40.4	1,397	1,169	229	16.4	2,066	162	1,856	5	43
18 to 19 years .....	2,167	60.8	2,149	1,888	261	12.2	1,400	428	846	4	121
20 to 64 years .....	28,475	54.3	28,406	26,715	1,690	5.9	23,958	21,493	852	366	1,249
20 to 24 years .....	5,392	65.2	5,345	4,830	515	9.6	2,879	2,025	618	20	215
25 to 54 years .....	19,281	55.5	19,259	18,219	1,039	5.4	15,439	14,430	221	174	614
25 to 29 years .....	7,639	55.3	7,620	7,122	498	6.5	6,177	5,769	149	47	212
35 to 44 years .....	5,775	56.9	5,772	5,488	285	4.9	4,381	4,111	52	44	174
45 to 54 years .....	5,868	54.6	5,867	5,610	257	4.4	4,882	4,550	21	83	228
55 to 64 years .....	3,801	40.3	3,801	3,666	136	3.6	5,640	5,037	12	172	419
55 to 59 years .....	2,378	47.5	2,378	2,288	90	3.8	2,632	2,393	11	86	142
60 to 64 years .....	1,424	32.1	1,424	1,378	46	3.2	3,009	2,644	1	86	278
65 years and over .....	944	8.1	944	910	35	3.7	10,696	8,666	7	477	1,545
<b>Negro and other races</b>											
16 years and over .....	4,894	48.8	4,876	4,296	581	11.9	5,144	3,555	920	183	486
16 to 21 years .....	695	37.0	687	474	213	31.0	1,183	287	820	3	73
16 to 19 years .....	385	30.2	382	239	143	37.5	890	122	723	--	45
16 to 17 years .....	143	22.3	143	82	62	43.4	500	25	462	2	11
18 to 19 years .....	241	38.2	238	157	82	34.5	390	97	261	--	33
20 to 64 years .....	4,389	57.7	4,374	3,939	435	9.9	3,223	2,664	196	99	264
20 to 24 years .....	808	56.6	797	654	143	17.9	620	416	138	6	60
25 to 54 years .....	3,168	61.4	3,164	2,903	261	8.2	1,990	1,720	59	53	159
25 to 29 years .....	1,407	64.5	1,403	1,258	145	10.4	774	666	39	9	61
35 to 44 years .....	965	61.0	964	894	70	7.3	617	548	15	9	46
45 to 54 years .....	796	57.1	796	751	45	5.6	598	506	6	35	52
55 to 64 years .....	414	40.3	414	382	32	7.7	613	528	--	40	46
55 to 59 years .....	256	46.3	256	233	23	8.9	297	251	--	24	22
60 to 64 years .....	158	33.3	158	149	9	5.7	316	277	--	16	24
65 years and over .....	120	10.4	120	118	2	1.8	1,031	769	1	84	177

## 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	
	May 1975	May 1976	May 1975	May 1976	May 1975	May 1976	May 1975	May 1976
<b>MALES</b>								
16 years and over . . . . .	57,340	57,846	78.2	77.6	55,246	55,808	77.6	76.9
16 to 19 years . . . . .	4,906	4,952	58.4	58.4	4,532	4,604	56.5	56.6
16 to 17 years . . . . .	1,953	1,914	46.1	45.3	1,915	1,891	45.6	45.0
18 to 19 years . . . . .	2,954	3,038	70.9	71.4	2,619	2,713	68.4	69.1
20 to 24 years . . . . .	8,111	8,319	85.4	85.5	7,323	7,568	84.0	84.3
25 to 54 years . . . . .	35,397	35,854	94.5	94.1	34,466	34,917	94.4	94.0
25 to 34 years . . . . .	14,344	14,907	95.3	95.3	13,741	14,301	95.1	95.2
35 to 44 years . . . . .	10,564	10,614	95.7	95.3	10,272	10,321	95.6	95.2
45 to 54 years . . . . .	10,489	10,333	92.3	91.3	10,452	10,295	92.3	91.2
55 to 64 years . . . . .	6,982	6,921	75.9	74.1	6,980	6,920	75.9	74.1
55 to 59 years . . . . .	4,148	4,211	83.9	83.4	4,147	4,210	83.9	83.4
60 to 64 years . . . . .	2,833	2,710	66.6	63.2	2,833	2,710	66.6	63.2
65 years and over . . . . .	1,944	1,800	22.2	20.2	1,945	1,800	22.2	20.2
<b>White</b>								
16 years and over . . . . .	51,375	51,726	79.0	78.4	49,624	50,027	78.5	77.8
18 to 19 years . . . . .	4,403	4,452	61.3	61.6	4,098	4,158	59.6	59.9
16 to 17 years . . . . .	1,787	1,752	49.6	48.8	1,754	1,731	49.1	48.5
18 to 19 years . . . . .	2,616	2,701	73.2	74.1	2,344	2,427	71.0	72.0
20 to 24 years . . . . .	7,102	7,244	86.0	86.0	6,459	6,638	84.8	84.9
25 to 54 years . . . . .	31,700	32,061	95.2	94.9	30,899	31,264	95.1	94.7
25 to 34 years . . . . .	12,783	13,272	95.8	96.0	12,267	12,759	95.7	95.9
35 to 44 years . . . . .	9,436	9,452	96.5	96.0	9,186	9,203	96.4	95.9
45 to 54 years . . . . .	9,481	9,336	93.1	92.2	9,447	9,302	93.0	92.2
55 to 64 years . . . . .	6,390	6,343	76.7	74.9	6,389	6,342	76.7	74.9
55 to 59 years . . . . .	3,796	3,852	84.6	84.2	3,795	3,850	84.6	84.2
60 to 64 years . . . . .	2,594	2,491	67.4	64.0	2,594	2,491	67.4	64.0
65 years and over . . . . .	1,779	1,626	22.5	20.2	1,779	1,626	22.5	20.2
<b>Negro and other races</b>								
16 years and over . . . . .	5,965	6,120	71.8	71.2	5,622	5,781	70.6	70.1
16 to 19 years . . . . .	503	500	41.3	39.9	436	446	37.8	37.2
16 to 17 years . . . . .	166	162	26.4	25.3	161	160	25.8	25.0
18 to 19 years . . . . .	337	338	57.2	55.2	275	286	52.1	51.1
20 to 24 years . . . . .	1,009	1,076	81.3	82.8	864	930	78.9	80.6
25 to 54 years . . . . .	3,697	3,793	89.0	88.3	3,566	3,654	88.7	87.9
25 to 34 years . . . . .	1,562	1,635	90.7	90.0	1,474	1,542	90.2	89.4
35 to 44 years . . . . .	1,128	1,161	89.8	90.4	1,087	1,119	89.4	90.1
45 to 54 years . . . . .	1,008	997	85.8	83.4	1,005	993	85.8	83.3
55 to 64 years . . . . .	592	578	68.9	66.2	591	578	68.9	66.2
55 to 59 years . . . . .	352	359	77.2	75.5	352	359	77.2	75.5
60 to 64 years . . . . .	239	219	59.4	55.1	239	219	59.4	55.1
65 years and over . . . . .	165	173	19.8	20.0	165	173	19.8	20.0

## 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	
	May 1975	May 1976	May 1975	May 1976	May 1975	May 1976	May 1975	May 1976
<b>FEMALES</b>								
16 years and over . . . . .	36,609	37,877	45.9	46.7	36,522	37,773	45.8	46.6
16 to 19 years . . . . .	3,831	3,949	46.6	47.6	3,810	3,929	46.5	47.4
16 to 17 years . . . . .	1,468	1,541	35.7	37.5	1,469	1,541	35.7	37.5
18 to 19 years . . . . .	2,362	2,408	57.4	57.4	2,342	2,388	57.2	57.2
20 to 24 years . . . . .	6,013	6,199	63.4	63.9	5,967	6,142	63.2	63.7
25 to 54 years . . . . .	21,459	22,449	54.7	56.3	21,438	22,423	54.6	56.3
25 to 34 years . . . . .	8,331	9,046	54.0	56.5	8,315	9,023	54.0	56.5
35 to 44 years . . . . .	6,459	6,740	55.6	57.4	6,456	6,736	55.6	57.4
45 to 54 years . . . . .	6,669	6,664	54.6	54.9	6,668	6,663	54.6	54.9
55 to 64 years . . . . .	4,246	4,215	41.1	40.3	4,246	4,215	41.1	40.3
55 to 59 years . . . . .	2,584	2,634	47.4	47.3	2,584	2,634	47.4	47.3
60 to 64 years . . . . .	1,662	1,581	34.1	32.2	1,662	1,581	34.1	32.2
65 years and over . . . . .	1,061	1,064	8.5	8.3	1,061	1,064	8.5	8.3
<b>White</b>								
16 years and over . . . . .	31,922	32,983	45.6	46.4	31,849	32,897	45.5	46.3
16 to 19 years . . . . .	3,424	3,564	49.1	50.7	3,407	3,547	48.9	50.6
16 to 17 years . . . . .	1,334	1,398	38.3	40.4	1,334	1,397	38.3	40.4
18 to 19 years . . . . .	2,091	2,167	59.7	60.8	2,074	2,149	59.5	60.6
20 to 24 years . . . . .	5,234	5,392	64.5	65.2	5,196	5,345	64.3	65.0
25 to 54 years . . . . .	18,491	19,281	53.9	55.5	18,473	19,259	53.9	55.5
25 to 34 years . . . . .	7,074	7,639	52.9	55.3	7,060	7,620	52.9	55.2
35 to 44 years . . . . .	5,530	5,775	54.9	56.9	5,528	5,772	54.9	56.9
45 to 54 years . . . . .	5,886	5,868	54.3	54.6	5,885	5,867	54.3	54.6
55 to 64 years . . . . .	3,815	3,801	40.9	40.3	3,815	3,801	40.9	40.3
55 to 59 years . . . . .	2,313	2,378	47.0	47.5	2,313	2,378	47.0	47.5
60 to 64 years . . . . .	1,503	1,424	34.2	32.1	1,503	1,424	34.2	32.1
65 years and over . . . . .	957	944	8.4	8.1	957	944	8.4	8.1
<b>Negro and other races</b>								
16 years and over . . . . .	4,687	4,894	48.3	48.8	4,672	4,876	48.2	48.7
16 to 19 years . . . . .	407	385	32.7	30.2	403	382	32.5	30.0
16 to 17 years . . . . .	135	143	21.4	22.3	135	143	21.4	22.3
18 to 19 years . . . . .	272	241	44.4	38.2	268	238	44.0	38.0
20 to 24 years . . . . .	779	808	56.8	56.6	770	797	56.5	56.2
25 to 54 years . . . . .	2,968	3,168	59.6	61.4	2,965	3,164	59.6	61.4
25 to 34 years . . . . .	1,257	1,407	60.9	64.5	1,255	1,403	60.8	64.4
35 to 44 years . . . . .	928	965	60.2	61.0	928	964	60.2	61.0
45 to 54 years . . . . .	782	796	57.0	57.1	782	796	57.0	57.1
55 to 64 years . . . . .	431	414	42.7	40.3	431	414	42.7	40.3
55 to 59 years . . . . .	271	256	51.0	46.3	271	256	51.0	46.3
60 to 64 years . . . . .	159	158	33.4	33.3	159	158	33.4	33.3
65 years and over . . . . .	104	120	9.4	10.4	104	120	9.4	10.4



## 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	
	May 1975	May 1976	May 1975	May 1976	May 1975	May 1976	May 1975	May 1976
<b>TOTAL</b>								
Total noninstitutional population	153,051	155,711	64,901	66,087	71,529	72,837	16,621	16,788
Total labor force	93,949	95,724	52,434	52,894	32,779	33,928	8,737	8,901
Percent of population	61.4	61.5	80.8	80.0	45.8	46.6	52.6	53.0
Civilian labor force	91,768	93,582	50,713	51,205	32,712	33,845	8,342	8,532
Employed	84,146	87,278	47,240	48,498	30,116	31,682	6,789	7,099
Agriculture	3,621	3,415	2,499	2,468	596	521	526	426
Nonagricultural industries	80,524	83,863	44,711	46,030	29,520	31,160	6,263	6,672
Unemployed	7,622	6,304	3,473	2,707	2,596	2,163	1,553	1,434
Percent of labor force	8.3	6.7	6.9	5.3	7.9	6.4	18.6	16.8
Not in labor force	59,101	59,988	12,467	13,193	38,750	38,908	7,883	7,886
<b>White</b>								
Total noninstitutional population	135,041	137,081	57,814	58,748	63,068	64,073	14,159	14,260
Total labor force	83,297	84,709	46,971	47,274	28,498	29,419	7,828	8,017
Percent of population	61.7	61.8	81.2	80.5	45.2	45.9	55.3	56.2
Civilian labor force	81,473	82,924	45,526	45,870	28,442	29,350	7,505	7,704
Employed	75,216	77,836	42,642	43,643	26,333	27,625	6,241	6,568
Agriculture	3,327	3,128	2,294	2,252	549	468	485	408
Nonagricultural industries	71,889	74,708	40,349	41,391	25,785	27,157	5,756	6,160
Unemployed	6,257	5,088	2,884	2,226	2,109	1,725	1,264	1,136
Percent of labor force	7.7	6.1	6.3	4.9	7.4	5.9	16.8	14.7
Not in labor force	51,744	52,372	10,843	11,475	34,570	34,654	6,332	6,243
<b>Negro and other races</b>								
Total noninstitutional population	18,010	18,630	7,087	7,339	8,461	8,764	2,461	2,528
Total labor force	10,653	11,015	5,462	5,620	4,281	4,509	910	885
Percent of population	59.2	59.1	77.1	76.6	50.6	51.5	37.0	35.0
Civilian labor force	10,294	10,658	5,186	5,335	4,269	4,494	839	828
Employed	8,929	9,442	4,597	4,854	3,783	4,057	549	530
Agriculture	295	287	206	216	47	53	42	18
Nonagricultural industries	8,635	9,155	4,392	4,639	3,736	4,004	507	512
Unemployed	1,365	1,216	589	481	486	437	290	298
Percent of labor force	13.3	11.4	11.4	9.0	11.4	9.7	34.6	35.9
Not in labor force	7,357	7,616	1,625	1,718	4,180	4,254	1,552	1,643

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

[Numbers in thousands]

Employment status	May 1976								
	Total			White			Negro and other races		
	Both sexes	Males	Females	Both sexes	Males	Females	Both sexes	Males	Females
Total noninstitutional population	24,944	12,601	12,343	21,235	10,771	10,465	3,708	1,830	1,878
Total labor force	14,714	8,249	6,465	13,067	7,297	5,770	1,647	952	695
Percent of population	59.0	65.5	52.4	61.5	67.7	55.1	44.4	52.0	37.0
Civilian labor force	13,936	7,521	6,416	12,424	6,695	5,729	1,513	826	687
Employed	11,845	6,370	5,475	10,765	5,764	5,001	1,080	606	474
Agriculture	599	507	92	563	485	78	36	23	14
Nonagricultural industries	11,246	5,862	5,383	10,202	5,279	4,923	1,044	583	460
Unemployed	2,091	1,151	941	1,659	931	728	433	220	213
Percent of labor force	15.0	15.3	14.7	13.4	13.9	12.7	28.6	26.6	31.0
Looking for full-time work	1,517	857	661	1,181	680	501	336	176	160
Looking for part-time work	574	294	280	477	251	226	97	43	53
Not in labor force	10,230	4,352	5,878	8,169	3,474	4,695	2,061	878	1,183
<b>MAJOR ACTIVITY: GOING TO SCHOOL</b>									
Civilian labor force	4,232	2,325	1,907	3,900	2,134	1,766	332	191	141
Employed	3,455	1,881	1,574	3,242	1,761	1,481	212	120	92
Agriculture	212	169	43	204	165	39	8	4	4
Nonagricultural industries	3,243	1,712	1,531	3,038	1,596	1,442	204	116	89
Unemployed	777	444	333	658	373	285	119	71	48
Percent of labor force	18.4	19.1	17.5	16.9	17.5	16.1	36.0	37.2	34.4
Looking for full-time work	329	190	140	272	152	120	58	38	20
Looking for part-time work	448	255	193	386	221	165	62	33	29
Not in labor force	7,721	3,783	3,937	6,143	3,026	3,117	1,578	758	820
<b>MAJOR ACTIVITY: OTHER</b>									
Civilian labor force	9,705	5,196	4,509	8,524	4,561	3,963	1,181	635	546
Employed	8,390	4,489	3,902	7,523	4,003	3,520	868	486	382
Agriculture	387	338	49	359	320	39	29	19	10
Nonagricultural industries	8,003	4,151	3,852	7,164	3,683	3,481	839	467	372
Unemployed	1,314	707	608	1,001	558	443	313	149	165
Percent of labor force	13.5	13.6	13.5	11.7	12.2	11.2	26.5	23.4	30.1
Looking for full-time work	1,188	667	521	910	529	381	278	138	140
Looking for part-time work	126	40	86	91	30	62	35	10	25
Not in labor force	2,509	569	1,940	2,026	448	1,578	483	120	363

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

(Numbers in thousands)

Color, sex, and age	May 1976								
	Total	Full-time labor force				Part-time labor force			
		Employed		Unemployed (looking for full-time work)		Total	Employed on voluntary part time <sup>1</sup>	Unemployed (looking for part-time work)	
		Full-time schedules <sup>1</sup>	Part time for economic reasons	Number	Percent of full-time labor force			Number	Percent of part-time labor force
<b>TOTAL</b>									
Both sexes, 16 years and over	79,320	70,816	3,249	5,254	6.6	14,262	13,213	1,049	7.4
16 to 21 years	8,576	6,248	811	1,517	17.7	5,360	4,786	574	10.7
16 to 19 years	4,098	2,683	488	927	22.6	4,435	3,928	507	11.4
16 to 17 years	743	352	94	297	39.9	2,688	2,316	373	13.9
18 to 19 years	3,355	2,330	394	630	18.8	1,746	1,612	134	7.7
20 years and over	75,222	68,134	2,761	4,328	5.8	9,827	9,285	542	5.5
20 to 24 years	11,916	9,875	696	1,344	11.3	1,794	1,637	157	8.8
25 years and over	63,306	58,259	2,065	2,984	4.7	8,033	7,648	385	4.8
25 to 54 years	51,974	47,777	1,671	2,526	4.9	5,366	5,097	270	5.0
55 years and over	11,332	10,481	394	457	4.0	2,667	2,552	115	4.3
<b>Males, 16 years and over</b>	50,983	46,248	1,656	3,080	6.0	4,825	4,398	428	8.9
16 to 21 years	4,833	3,530	447	857	17.7	2,687	2,393	294	11.0
16 to 19 years	2,303	1,499	269	535	23.2	2,301	2,035	265	11.5
20 years and over	48,680	44,748	1,387	2,545	5.2	2,525	2,362	163	6.4
20 to 24 years	6,817	5,644	397	776	11.4	750	683	67	9.0
25 years and over	41,863	39,104	990	1,769	4.2	1,775	1,679	96	5.4
25 to 54 years	34,249	31,987	803	1,459	4.3	668	633	37	5.5
55 years and over	7,614	7,118	187	309	4.1	1,105	1,047	59	5.3
<b>Females, 16 years and over</b>	28,337	24,569	1,593	2,175	7.7	9,437	8,815	622	6.6
16 to 21 years	3,743	2,718	364	661	17.7	2,673	2,393	280	10.5
16 to 19 years	1,795	1,183	220	392	21.8	2,134	1,892	242	11.3
20 years and over	26,542	23,386	1,373	1,783	6.7	7,303	6,923	380	5.2
20 to 24 years	5,099	4,232	299	568	11.1	1,043	954	90	8.6
25 years and over	21,443	19,154	1,074	1,215	5.7	6,260	5,969	290	4.6
25 to 54 years	17,725	15,791	867	1,067	6.0	4,698	4,464	234	5.0
55 years and over	3,718	3,362	207	148	4.0	1,561	1,506	57	3.7
<b>White</b>									
<b>Males, 16 years and over</b>	45,693	41,814	1,369	2,510	5.5	4,334	3,971	363	8.4
16 to 21 years	4,225	3,159	386	680	16.1	2,470	2,219	251	10.2
16 to 19 years	2,037	1,386	234	417	20.5	2,121	1,891	229	10.8
20 years and over	43,656	40,428	1,135	2,093	4.8	2,213	2,080	133	6.0
20 to 24 years	5,962	5,002	343	616	10.3	675	622	54	7.9
25 years and over	37,694	35,426	792	1,477	3.9	1,538	1,458	79	5.1
25 to 54 years	30,704	28,868	636	1,199	3.9	561	527	33	5.9
55 years and over	6,990	6,557	156	277	4.0	977	932	46	4.7
<b>Females, 16 years and over</b>	24,313	21,322	1,306	1,685	6.9	8,585	8,054	531	6.2
16 to 21 years	3,282	2,456	325	501	15.3	2,447	2,221	226	9.2
16 to 19 years	1,584	1,087	197	300	18.9	1,963	1,773	190	9.7
20 years and over	22,729	20,234	1,110	1,385	6.1	6,621	6,281	341	5.1
20 to 24 years	4,395	3,719	242	434	9.9	950	869	81	8.6
25 years and over	18,334	16,515	868	951	5.2	5,671	5,412	260	4.6
25 to 54 years	14,953	13,417	706	829	5.5	4,306	4,095	211	4.9
55 years and over	3,381	3,097	162	122	3.6	1,365	1,317	48	3.5
<b>Negro and other races</b>									
<b>Males, 16 years and over</b>	5,290	4,434	286	570	10.8	491	426	65	13.2
16 to 21 years	608	371	61	176	29.0	218	174	43	19.9
16 to 19 years	266	113	34	118	44.4	180	144	36	20.0
20 years and over	5,024	4,320	252	452	9.0	311	282	29	9.3
20 to 24 years	855	641	54	160	18.7	75	61	14	18.1
25 years and over	4,169	3,679	198	292	7.0	236	221	15	6.4
25 to 54 years	3,545	3,119	167	260	7.3	108	105	3	2.8
55 years and over	624	561	31	32	5.1	128	115	12	9.4
<b>Females, 16 years and over</b>	4,024	3,247	287	490	12.2	852	761	91	10.6
16 to 21 years	461	262	40	160	34.6	226	172	53	23.7
16 to 19 years	211	96	23	92	43.6	171	119	51	30.1
20 years and over	3,813	3,151	264	398	10.4	681	642	39	5.8
20 to 24 years	704	512	57	134	19.1	93	85	9	9.1
25 years and over	3,109	2,639	207	264	8.5	588	557	30	5.1
25 to 54 years	2,773	2,374	161	238	8.6	391	369	23	5.9
55 years and over	337	265	46	26	7.7	197	188	8	4.1

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

## A-8. Unemployed persons by sex and age

Age	Males				Females			
	Thousands of persons		Unemployment rates		Thousands of persons		Unemployment rates	
	May 1975	May 1976	May 1975	May 1976	May 1975	May 1976	May 1975	May 1976
Total, 16 years and over .....	4,291	3,508	7.8	6.3	3,331	2,796	9.1	7.4
16 to 19 years .....	818	801	18.1	17.4	735	633	19.3	16.1
16 to 17 years .....	354	379	18.5	20.0	292	291	19.9	18.9
18 to 19 years .....	465	422	17.7	15.5	444	343	18.9	14.4
20 years and over .....	3,473	2,707	6.8	5.3	2,596	2,163	7.9	6.4
20 to 24 years .....	1,089	843	14.9	11.1	794	658	13.3	10.7
25 years and over .....	2,385	1,864	5.5	4.3	1,802	1,505	6.7	5.4
25 to 34 years .....	943	786	6.9	5.5	741	644	8.9	7.1
35 to 44 years .....	538	360	5.2	3.5	394	355	6.1	5.3
45 to 54 years .....	501	350	4.8	3.4	405	302	6.1	4.5
55 to 64 years .....	293	272	4.2	3.9	199	167	4.7	4.0
55 to 59 years .....	177	155	4.3	3.7	117	112	4.5	4.3
60 to 64 years .....	117	117	4.1	4.3	82	55	4.9	3.5
65 years and over .....	109	96	5.6	5.3	63	37	5.9	3.5
Household heads, 16 years and over .....	2,486	1,922	5.5	4.3	620	542	7.6	6.3
16 to 24 years .....	454	338	11.0	8.0	127	116	11.7	9.9
25 to 54 years .....	1,640	1,241	5.1	3.8	382	350	7.9	6.7
55 years and over .....	390	343	4.5	4.1	110	77	4.9	3.5

## 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	
	May 1975	May 1976	May 1975	May 1976	May 1975	May 1976	May 1975	May 1976
Total, 16 years and over .....	4,291	3,508	7.8	6.3	3,331	2,796	9.1	7.4
Married, spouse present .....	2,154	1,523	5.4	3.8	1,594	1,269	7.6	5.9
Widowed, divorced, or separated .....	343	313	9.8	8.1	577	521	8.4	7.4
Single (never married) .....	1,794	1,671	15.3	13.7	1,160	1,007	13.3	11.0
White, 16 years and over .....	3,556c	2,872	7.2c	5.7	2,700c	2,216	8.5c	6.7
Married, spouse present .....	1,856c	1,307	5.1c	3.6	1,391c	1,077	7.4c	5.6
Widowed, divorced, or separated .....	247c	238	8.8c	7.6	423c	386	7.7c	6.7
Single (never married) .....	1,451c	1,328	14.1c	12.4	886c	753	11.7c	9.5
Negro and other races, 16 years and over .....	735c	635	13.1c	11.0	631c	581	13.5c	11.9
Married, spouse present .....	296c	216	8.5c	6.1	203c	192	9.3c	8.5
Widowed, divorced, or separated .....	96c	76	13.6c	10.4	154c	135	11.6c	10.1
Single (never married) .....	343c	343	23.9c	22.6	274c	254	23.4c	19.9
Total, 20 to 64 years of age .....	3,364c	2,611	6.9c	5.3	2,533c	2,126	8.0c	6.5
Married, spouse present .....	2,033c	1,417	5.3c	3.7	1,465c	1,206	7.3c	5.8
Widowed, divorced, or separated .....	324c	289	10.0c	8.0	524c	497	8.5c	7.8
Single (never married) .....	1,007c	905	13.7c	11.6	545c	423	10.2c	7.5
White, 20 to 64 years of age .....	2,793c	2,145	6.4c	4.8	2,050c	1,690	7.5c	5.9
Married, spouse present .....	1,753c	1,210	5.0c	3.5	1,283c	1,023	7.1c	5.5
Widowed, divorced, or separated .....	232c	221	9.1c	7.6	379c	362	7.7c	7.1
Single (never married) .....	808c	713	12.7c	10.6	388c	306	8.6c	6.5
Negro and other races, 20 to 64 years of age .....	572	466	11.4	9.0	482	435	11.6	9.9
Married, spouse present .....	280	207	8.4	6.1	182	183	8.7	8.3
Widowed, divorced, or separated .....	93	68	13.9	9.9	144	135	11.7	10.8
Single (never married) .....	199	192	19.8	17.7	157	117	18.8	12.7

c = corrected.

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

Occupation	Thousands of persons		Unemployment rates					
			Total		Males		Females	
	May 1975	May 1976	May 1975	May 1976	May 1975	May 1976	May 1975	May 1976
Total	7,623	6,304	8.3	6.7	7.8	6.3	9.1	7.4
White-collar workers	2,134	1,893	4.8	4.2	3.6	3.2	6.1	5.1
Professional and technical	426	391	3.2	2.9	3.0	2.4	3.5	3.5
Managers and administrators, except farm	275	280	3.0	2.9	2.8	2.6	4.0	4.2
Sales workers	330	270	5.7	4.7	3.9	3.1	8.0	6.7
Clerical workers	1,103	952	6.9	5.8	6.3	6.3	7.1	5.7
Blue-collar workers	3,749	2,631	11.9	8.3	10.7	7.8	17.7	10.8
Craft and kindred workers	1,032	707	8.7	5.9	8.6	5.8	10.9	7.5
Carpenters and other construction craft	546	376	14.7	10.3	14.6	10.2	(1)	(1)
All other	486	331	6.0	4.0	5.7	3.8	10.0	6.6
Operatives, except transport	1,699	1,122	15.3	10.0	12.6	8.9	19.2	11.8
Transport equipment operatives	269	202	7.8	5.8	7.9	6.0	6.8	3.1
Nonfarm laborers	749	600	15.1	12.1	15.1	12.3	15.4	9.7
Construction laborers	255	155	25.4	16.7	25.0	16.8	(1)	(1)
All other	494	445	12.5	12.4	12.4	11.2	14.0	9.8
Service workers	933	911	7.5	7.1	8.1	7.2	7.2	7.0
Private household	66	58	5.3	5.1	(1)	(1)	5.3	5.2
All other	867	853	7.8	7.3	8.1	7.2	7.5	7.3
Farm workers	70	97	2.2	3.2	1.9	2.5	3.2	6.8
No previous work experience	736	771	--	--	--	--	--	--
16 to 19 years	546	602	--	--	--	--	--	--
20 to 24 years	130	124	--	--	--	--	--	--
25 years and over	60	45	--	--	--	--	--	--

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

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

Industry	Percent distribution		Unemployment rates					
			Total		Males		Females	
	May 1975	May 1976	May 1975	May 1976	May 1975	May 1976	May 1975	May 1976
Total	100.0	100.0	8.3	6.7	7.8	6.3	9.1	7.4
Nonagricultural private wage and salary workers	80.1	75.0	9.3	7.0	8.9	6.6	9.9	7.6
Mining	.2	.5	2.4	3.9	2.6	4.2	--	(1)
Construction	11.0	8.7	19.6	13.2	19.9	13.4	13.9	9.4
Manufacturing	32.3	24.2	11.7	7.2	9.4	6.1	17.1	9.9
Durable goods	19.9	14.5	12.1	7.3	10.1	6.5	19.0	9.9
Lumber and wood products	1.3	1.1	14.9	9.9	14.3	10.2	19.9	7.8
Furniture and fixtures	1.0	.8	14.0	8.9	13.1	8.6	16.0	9.7
Stone, clay, and glass products	1.0	.7	11.6	6.4	10.4	5.7	16.4	9.6
Primary metal industries	1.8	1.5	9.9	6.9	9.0	6.4	18.6	11.0
Fabricated metal products	2.6	1.9	13.2	8.1	11.3	8.3	20.7	7.6
Machinery, except electrical equipment	2.9	2.6	9.8	6.8	8.2	6.5	17.3	8.2
Electrical equipment	4.2	2.1	14.8	6.3	9.8	4.2	21.8	9.3
Transportation equipment	3.2	2.1	12.0	6.6	10.9	5.9	18.0	10.5
Automobiles	2.2	1.0	15.8	5.7	15.6	5.5	17.5	6.9
Other transportation equipment	1.0	1.2	7.8	7.7	5.6	6.6	18.2	13.2
Instruments and related products	.4	.7	5.9	7.9	2.8	3.6	10.9	14.9
Other durable goods industries	1.5	1.1	15.5	9.3	13.0	6.9	20.0	12.8
Non-durable goods	12.4	9.7	11.1	7.2	8.1	5.4	15.6	9.9
Food and kindred products	2.4	2.3	10.2	8.4	7.6	7.1	16.9	12.2
Textile mill products	1.7	1.4	16.4	9.3	11.7	7.9	21.7	10.7
Apparel and other textile products	2.8	1.9	15.6	9.1	16.5	7.1	15.3	9.7
Paper and allied products	.8	.7	8.7	5.9	7.2	4.2	15.5	11.4
Printing and publishing	1.5	1.0	8.4	5.1	7.9	4.2	9.3	6.6
Chemicals and allied products	1.2	1.0	7.7	5.3	5.9	3.2	13.0	11.3
Rubber and plastics products	1.2	.7	13.2	6.5	8.3	5.4	22.0	8.7
Other non-durable goods industries	.8	.7	9.7	6.4	5.4	4.3	15.6	9.2
Transportation and public utilities	3.6	3.6	5.8	4.8	5.9	4.7	5.4	5.2
Railroads and railway express	.2	.4	2.6	4.8	3.1	4.3	(1)	(1)
Other transportation	2.5	2.4	8.7	6.8	8.9	7.0	7.8	6.2
Communication and other public utilities	.9	.8	3.5	2.6	2.9	1.8	4.7	4.2
Wholesale and retail trade	17.8	20.6	8.2	7.6	7.2	6.5	9.4	8.9
Finance, insurance, and real estate	3.0	2.7	5.3	3.9	4.2	3.2	6.2	4.4
Service industries	12.2	14.8	6.6	6.3	6.6	6.4	6.6	6.2
Professional services	4.7	5.9	4.5	4.5	4.0	4.5	4.8	4.4
All other service industries	7.5	8.8	9.2	8.6	8.8	8.1	9.5	9.1
Agricultural wage and salary workers	1.2	2.1	6.6	9.1	6.3	7.6	8.0	16.3
All other classes of workers	9.0	10.7	2.9	2.8	2.6	2.7	3.3	2.9
No previous work experience	9.7	12.2	--	--	--	--	--	--

<sup>1</sup> 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	
	May 1975	May 1976	May 1975	May 1976	May 1975	May 1976	May 1975	May 1976	May 1975	May 1976	May 1975	May 1976
<b>UNEMPLOYMENT LEVEL</b>												
Total unemployed, in thousands .....	7,623	6,304	3,473	2,707	2,596	2,163	1,553	1,434	6,257	5,088	1,366	1,216
Job losers .....	4,391	3,201	2,578	1,890	1,406	1,008	407	303	3,645	2,657	745	545
Job leavers .....	705	716	273	250	329	333	103	133	594	592	111	124
Reentrants .....	1,795	1,619	543	495	751	726	500	399	1,459	1,258	335	362
New entrants .....	733	768	79	73	110	96	543	598	559	582	174	185
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 .....	57.6	50.8	74.2	69.8	54.1	46.6	26.2	21.1	58.2	52.2	54.6	44.8
Job leavers .....	9.2	11.4	7.9	9.2	12.7	15.4	6.6	9.3	9.5	11.6	8.1	10.2
Reentrants .....	23.5	25.7	15.6	18.3	28.9	33.6	32.2	27.8	23.3	24.7	24.6	29.8
New entrants .....	9.6	12.2	2.3	2.7	4.3	4.4	35.0	41.7	8.9	11.4	12.7	15.2
<b>UNEMPLOYMENT RATE</b>												
Total unemployment rate .....	8.3	6.7	6.8	5.3	7.9	6.4	18.6	16.8	7.7	6.1	13.3	11.4
Job loser rate <sup>1</sup> .....	4.8	3.4	5.7	3.7	4.3	3.0	4.9	3.6	4.4	3.2	7.3	5.1
Job leaver rate <sup>1</sup> .....	.8	.8	.5	.5	1.0	1.0	1.2	1.6	.7	.7	1.1	1.2
Reentrant rate <sup>1</sup> .....	2.0	1.7	1.1	1.0	2.3	2.1	6.0	4.7	1.8	1.5	3.3	3.4
New entrant rate <sup>1</sup> .....	.8	.8	.2	.1	.3	.3	6.5	7.0	.7	.7	1.7	1.7

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

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

[Percent distribution]

Reason, sex, and age	May 1976						
	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 .....	6,304	100.0	38.9	24.5	36.7	16.2	20.4
Job losers .....	3,201	100.0	27.9	23.4	48.7	19.9	28.8
Job leavers .....	716	100.0	40.4	26.3	33.4	14.5	18.9
Reentrants .....	1,619	100.0	54.0	24.7	21.3	12.6	8.7
New entrants .....	768	100.0	51.4	27.0	21.6	9.9	11.7
Males, 20 years and over .....	2,707	100.0	31.1	23.1	45.7	18.3	27.4
Job losers .....	1,890	100.0	26.3	22.0	51.7	19.8	31.9
Job leavers .....	250	100.0	34.0	25.6	40.4	14.0	26.4
Reentrants .....	495	100.0	48.0	25.9	26.1	15.6	10.5
New entrants .....	73	100.0	(1)	(1)	(1)	(1)	(1)
Females, 20 years and over .....	2,163	100.0	40.0	24.5	35.5	16.8	18.7
Job losers .....	1,008	100.0	26.6	25.6	47.8	20.4	27.4
Job leavers .....	333	100.0	41.3	23.1	35.7	17.7	18.0
Reentrants .....	726	100.0	55.8	23.9	20.2	11.7	8.5
New entrants .....	96	100.0	57.3	21.9	20.9	14.6	6.3
Both sexes, 16 to 19 years .....	1,434	100.0	51.7	27.1	21.2	11.3	9.9
Job losers .....	303	100.0	41.6	24.8	33.7	19.1	14.5
Job leavers .....	133	100.0	50.0	36.4	13.6	6.8	6.8
Reentrants .....	399	100.0	57.9	24.3	17.8	10.8	7.0
New entrants .....	598	100.0	52.8	28.3	18.9	8.7	10.2

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

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

Sex, age, and color	May 1976								Average number of methods used
	Thousands of persons		Methods used as a percent of total jobseekers					Other	
	Total unemployed	Total job-seekers	Public employment agency	Private employment agency	Employer directly	Placed or answered ads	Friends or relatives		
<b>Total, 16 years and over</b> .....	6,304	5,298	26.3	6.5	72.2	30.2	15.2	7.5	1.58
16 to 19 years .....	1,434	1,338	16.2	4.0	78.1	24.7	13.4	4.3	1.41
20 to 24 years .....	1,501	1,312	28.7	6.3	70.7	32.5	15.4	5.3	1.59
25 to 34 years .....	1,430	1,123	32.3	7.6	73.1	31.7	15.3	7.9	1.68
35 to 44 years .....	715	569	31.1	11.1	68.9	32.5	14.8	11.2	1.70
45 to 54 years .....	652	491	29.3	8.1	63.3	33.6	14.5	13.2	1.62
55 to 64 years .....	439	340	27.4	6.5	73.2	30.9	17.9	12.1	1.68
65 years and over .....	133	125	19.2	1.6	64.0	26.4	27.2	10.4	1.49
<b>Males, 16 years and over</b> .....	3,508	2,875	28.2	6.1	73.3	27.8	17.8	10.5	1.64
16 to 19 years .....	801	735	16.3	3.4	80.0	22.6	17.8	4.6	1.45
20 to 24 years .....	843	719	29.6	4.6	70.1	31.0	19.2	7.1	1.62
25 to 34 years .....	786	582	38.5	7.9	74.9	30.6	16.0	11.3	1.79
35 to 44 years .....	360	279	34.8	10.4	68.1	28.3	15.1	19.4	1.76
45 to 54 years .....	350	263	30.4	9.1	65.8	31.6	14.4	17.9	1.69
55 to 64 years .....	272	207	29.0	8.7	74.4	26.1	20.3	17.4	1.76
65 years and over .....	96	90	17.8	--	67.8	16.7	31.1	14.4	1.48
<b>Females, 16 years and over</b> .....	2,796	2,423	24.1	7.1	70.9	33.1	12.1	4.0	1.51
16 to 19 years .....	633	602	16.1	4.7	75.9	27.4	8.0	4.0	1.36
20 to 24 years .....	658	593	27.7	8.3	71.3	34.2	10.8	3.0	1.55
25 to 34 years .....	644	541	25.5	7.2	71.2	32.9	14.6	4.3	1.56
35 to 44 years .....	355	290	27.9	11.7	69.7	36.6	14.8	3.4	1.64
45 to 54 years .....	302	228	28.1	7.0	60.5	36.0	14.5	7.9	1.54
55 to 64 years .....	167	134	24.6	3.0	70.9	37.3	14.2	3.7	1.54
65 years and over .....	37	35	(1)	(1)	(1)	(1)	(1)	(1)	(1)
<b>White</b> .....	5,088	4,182	24.3	6.8	74.1	32.2	15.7	7.7	1.61
<b>Males</b> .....	2,872	2,304	26.4	6.2	74.7	29.3	19.0	11.0	1.67
<b>Females</b> .....	2,216	1,877	21.6	7.5	73.4	35.7	11.7	3.6	1.54
<b>Negro and other races</b> .....	1,216	1,116	34.1	5.7	65.1	22.8	13.2	7.1	1.48
<b>Males</b> .....	635	571	35.2	5.4	67.4	21.5	13.0	8.6	1.51
<b>Females</b> .....	581	545	32.7	6.1	62.6	24.2	13.6	5.5	1.45

<sup>1</sup> 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	May 1976								Average number of methods used
	Thousands of persons		Methods used as a percent of total jobseekers					Other	
	Total unemployed	Total job-seekers	Public employment agency	Private employment agency	Employer directly	Placed or answered ads	Friends or relatives		
<b>Total, 16 years and over</b> .....	6,304	5,298	26.3	6.5	72.2	30.2	15.2	7.5	1.58
Job losers .....	3,201	2,345	33.9	7.8	70.6	32.0	16.1	9.2	1.70
Job leavers .....	716	693	29.0	8.9	73.6	34.8	13.0	3.8	1.63
Reentrants .....	1,619	1,510	20.1	5.3	70.8	28.4	15.8	8.5	1.49
New entrants .....	768	751	12.9	2.9	78.6	24.1	13.3	4.1	1.36
<b>Males, 16 years and over</b> .....	3,508	2,875	28.2	6.1	73.3	27.8	17.8	10.5	1.64
Job losers .....	2,109	1,549	34.2	7.6	71.6	30.7	17.0	12.1	1.73
Job leavers .....	318	307	29.3	5.2	74.9	36.8	17.9	4.9	1.69
Reentrants .....	710	656	21.3	5.5	70.9	19.7	19.5	12.2	1.49
New entrants .....	371	363	13.8	1.4	83.2	22.3	17.9	5.0	1.44
<b>Females, 16 years and over</b> .....	2,796	2,423	24.1	7.1	70.9	33.1	12.1	4.0	1.51
Job losers .....	1,092	795	33.1	8.4	68.8	34.6	14.2	3.3	1.62
Job leavers .....	398	386	28.8	11.7	72.3	33.2	9.1	2.8	1.58
Reentrants .....	910	854	19.1	5.3	71.0	35.0	12.9	5.7	1.49
New entrants .....	397	388	12.1	4.1	74.0	25.8	9.0	3.4	1.28

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	
	May 1975	May 1976	May 1975	May 1976	May 1975	May 1976	May 1975	May 1976
Total .....	7,622	6,304	100.0	100.0	3,105	2,464	100.0	100.0
Less than 5 weeks .....	2,645	2,450	34.7	38.9	850	796	27.4	32.3
5 to 14 weeks .....	2,054	1,544	26.9	24.5	863	562	27.8	22.8
5 to 10 weeks .....	1,424	1,116	18.7	17.7	583	398	18.8	16.2
11 to 14 weeks .....	630	428	8.3	6.8	280	164	9.0	6.7
15 weeks and over .....	2,923	2,310	38.3	36.6	1,392	1,106	44.8	44.9
15 to 26 weeks .....	1,764	1,022	23.1	16.2	832	451	26.8	18.3
27 weeks and over .....	1,159	1,289	15.2	20.4	560	655	18.0	26.6
Average (mean) duration .....	14.8	16.6	--	--	16.7	19.9	--	--

## 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		May 1975	May 1976	May 1975	May 1976
	May 1976									
Total, 16 years and over .....	6,304	2,450	1,544	1,022	1,289	16.6	34.7	38.9	38.3	36.6
16 to 21 years .....	2,091	1,033	537	275	246	11.5	46.8	49.4	26.5	24.9
16 to 19 years .....	1,434	741	389	162	142	10.0	49.2	51.7	23.2	21.2
20 to 24 years .....	1,501	607	361	273	260	15.5	37.4	40.4	34.8	35.5
25 to 34 years .....	1,430	528	352	260	290	16.4	30.9	36.9	43.1	38.5
35 to 44 years .....	715	233	195	109	178	19.7	25.9	32.7	45.6	40.1
45 to 54 years .....	652	184	150	97	221	23.9	26.4	28.2	47.1	48.8
55 to 64 years .....	439	100	82	98	160	26.7	26.6	22.7	49.0	58.7
65 years and over .....	133	57	16	22	38	18.6	26.0	42.9	52.2	45.3
Males, 16 years and over .....	3,508	1,231	862	595	819	18.2	30.7	35.1	42.4	40.3
16 to 21 years .....	1,151	545	304	158	144	11.8	43.4	47.3	31.6	26.3
16 to 19 years .....	801	388	236	99	77	10.3	47.1	48.5	27.5	22.0
20 to 24 years .....	843	324	206	147	166	16.3	32.0	38.4	41.1	37.2
25 to 34 years .....	786	252	194	152	188	18.1	28.5	32.1	45.5	43.2
35 to 44 years .....	360	102	95	54	108	22.8	22.0	28.5	47.7	45.2
45 to 54 years .....	350	69	78	57	146	28.3	22.4	19.6	50.5	58.2
55 to 64 years .....	272	53	44	65	110	29.5	20.1	19.4	52.6	64.5
65 years and over .....	96	43	9	19	24	16.3	23.6	45.0	50.6	45.2
Females, 16 years and over .....	2,796	1,219	681	427	469	14.7	39.9	43.6	33.1	32.0
16 to 21 years .....	941	489	233	117	102	11.1	50.7	51.9	20.5	23.3
16 to 19 years .....	633	353	153	63	65	9.7	51.4	55.7	18.4	20.2
20 to 24 years .....	658	283	155	126	94	14.6	44.9	43.0	26.1	33.4
25 to 34 years .....	644	276	158	108	102	14.3	34.1	42.8	40.0	32.6
35 to 44 years .....	355	131	100	55	70	16.5	31.3	36.9	42.7	35.0
45 to 54 years .....	302	116	72	40	74	18.8	31.4	38.3	42.9	37.8
55 to 64 years .....	167	47	38	33	50	22.2	36.2	28.2	43.6	49.4
65 years and over .....	37	14	6	3	14	24.6	(1)	37.2	(1)	45.3
White .....	5,088	1,984	1,230	830	1,044	16.6	35.1	39.0	37.7	36.8
Males .....	2,872	1,044	682	484	662	18.0	31.9	36.3	41.4	39.9
Females .....	2,216	940	548	346	382	14.8	39.3	42.4	32.7	32.8
Negro and other races .....	1,216	466	313	191	245	16.7	32.9	38.3	41.4	35.9
Males .....	635	187	180	111	158	19.1	24.7	29.4	47.1	42.3
Females .....	581	279	133	81	87	14.2	42.4	48.1	34.8	29.0
Males:										
Married, spouse present .....	1,523	451	355	270	448	21.5	24.9	29.6	46.5	47.1
Widowed, divorced, or separated .....	313	78	69	52	115	24.4	20.8	24.8	57.7	53.1
Single (never married) .....	1,671	702	439	274	257	14.0	39.5	42.0	34.6	31.7
Females:										
Married, spouse present .....	1,259	527	299	211	231	16.1	35.2	41.6	38.8	34.9
Widowed, divorced, or separated .....	521	206	132	84	100	15.8	36.0	39.5	38.9	35.2
Single (never married) .....	1,007	486	251	132	138	12.3	48.2	48.3	22.5	26.8

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

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

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		May 1975	May 1976	May 1975	May 1976
	May 1976									
<b>OCCUPATION</b>										
White-collar workers	1,893	710	493	313	378	16.6	35.2	37.5	37.3	36.5
Professional and managerial	671	243	146	122	161	18.7	31.1	36.2	42.2	42.0
Sales workers	270	104	80	47	39	14.8	37.7	38.7	37.2	31.6
Clerical workers	952	362	267	145	178	15.6	37.0	38.0	34.3	34.0
Blue-collar workers	2,631	893	641	455	642	18.9	28.5	33.9	44.5	41.7
Craft and kindred workers	707	195	180	143	189	21.6	27.2	27.6	46.5	46.9
Operatives, except transport	1,122	403	275	175	269	18.5	28.5	35.9	44.1	39.6
Transport equipment operatives	202	73	48	30	51	17.4	27.2	36.2	38.7	40.0
Nonfarm laborers	600	221	138	108	133	17.1	30.8	36.9	44.8	40.1
Service workers	911	403	192	152	164	15.3	44.6	44.3	28.8	34.6
<b>INDUSTRY<sup>1</sup></b>										
Agriculture	130	60	22	37	11	11.9	60.4	45.8	27.7	37.4
Construction	583	190	146	112	135	18.8	28.0	32.6	49.1	42.4
Manufacturing	1,532	517	334	245	435	20.3	27.7	33.8	44.9	44.4
Durable goods	921	288	196	153	284	21.5	25.8	31.2	45.5	47.5
Non-durable goods	610	229	138	92	151	18.6	30.8	37.6	44.0	39.9
Transportation and public utilities	249	90	55	40	64	18.6	29.5	36.3	36.2	41.8
Wholesale and retail trade	1,305	492	358	242	213	15.5	34.8	37.7	36.8	34.9
Finance and service industries	1,406	594	338	208	265	15.2	42.1	42.2	31.4	33.6
Public administration	216	70	65	32	49	17.2	30.1	32.4	39.0	37.4
No previous work experience	771	396	206	76	92	11.1	49.2	51.4	24.2	21.8

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

**A-19. Employed persons by sex and age**

[In thousands]

Age and type of industry	Total		Males		Females	
	May 1975	May 1976	May 1975	May 1976	May 1975	May 1976
	All industries	84,146	87,278	50,954	52,301	33,191
16 to 19 years	6,789	7,099	3,714	3,803	3,075	3,295
16 to 17 years	2,738	2,762	1,561	1,512	1,177	1,250
18 to 19 years	4,052	4,336	2,154	2,291	1,898	2,045
20 to 24 years	11,407	12,209	6,234	6,724	5,173	5,484
25 to 34 years	52,382	54,543	32,483	33,421	19,899	21,122
25 to 34 years	20,372	21,894	12,798	13,514	7,574	8,380
35 to 44 years	15,796	16,343	9,734	9,962	6,062	6,381
45 to 54 years	16,214	16,306	9,951	9,945	6,263	6,361
55 to 64 years	10,734	10,696	6,687	6,648	4,047	4,048
55 to 59 years	6,437	6,577	3,970	4,055	2,467	2,521
60 to 64 years	4,297	4,119	2,717	2,593	1,580	1,526
65 years and over	2,834	2,731	1,836	1,704	998	1,027
Nonagricultural industries	80,524	83,863	48,008	49,469	32,516	34,394
16 to 19 years	6,263	6,672	3,267	3,439	2,996	3,234
16 to 17 years	2,465	2,536	1,322	1,324	1,143	1,212
18 to 19 years	3,798	4,136	1,946	2,114	1,852	2,022
20 to 24 years	11,060	11,805	5,949	6,385	5,111	5,420
25 to 34 years	50,622	52,841	31,113	32,073	19,508	20,769
25 to 34 years	19,807	21,329	12,360	13,064	7,447	8,266
35 to 44 years	15,253	15,827	9,321	9,545	5,932	6,282
45 to 54 years	15,562	15,685	9,432	9,464	6,129	6,221
55 to 64 years	10,100	10,157	6,170	6,190	3,930	3,966
55 to 59 years	6,089	6,286	3,699	3,817	2,390	2,469
60 to 64 years	4,011	3,871	2,471	2,373	1,540	1,498
65 years and over	2,479	2,387	1,509	1,382	970	1,005
Agriculture	3,621	3,415	2,946	2,832	675	583
16 to 19 years	526	426	447	365	79	62
16 to 17 years	272	226	239	187	33	38
18 to 19 years	254	200	208	177	46	23
20 to 24 years	347	404	285	340	62	64
25 to 34 years	1,759	1,702	1,370	1,348	389	353
25 to 34 years	565	565	438	451	127	114
35 to 44 years	542	516	413	416	129	99
45 to 54 years	652	621	519	481	133	140
55 to 64 years	634	539	517	458	117	82
55 to 59 years	349	291	271	238	77	53
60 to 64 years	285	248	246	220	40	29
65 years and over	355	344	327	322	28	22



## 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, 16-18 years		Females, 16-19 years	
	May 1975	May 1976	May 1975	May 1976	May 1975	May 1976	May 1975	May 1976	May 1975	May 1976
	<b>TOTAL</b> .....	84,146	87,278	47,240	48,498	30,116	31,682	3,714	3,803	3,075
<b>White-collar workers</b> .....	41,882	43,478	20,469	20,808	19,208	20,416	668	627	1,537	1,627
Professional and technical .....	12,767	13,235	7,305	7,577	5,294	5,518	102	67	65	73
Health workers .....	2,132	2,297	759	809	1,362	1,468	--	2	9	18
Teachers, except college .....	3,209	3,323	921	992	2,254	2,306	7	3	26	23
Other professional and technical .....	7,426	7,615	5,625	5,776	1,678	1,744	95	62	30	32
Managers and administrators, except farm .....	8,882	9,237	7,122	7,237	1,647	1,915	49	63	24	23
Salaried workers .....	7,113	7,366	5,736	5,770	1,306	1,522	48	53	24	21
Self-employed workers in retail trade .....	902	900	680	641	220	250	1	8	--	--
Self-employed workers, except retail trade .....	867	972	746	826	121	143	--	1	--	2
Sales workers .....	5,455	5,506	2,912	2,933	1,926	1,922	244	267	373	384
Retail trade .....	3,089	3,032	957	934	1,566	1,540	203	206	362	352
Other industries .....	2,366	2,474	1,955	1,999	359	382	40	61	11	32
Clerical workers .....	14,778	15,500	3,090	3,061	10,341	11,061	272	231	1,074	1,148
Stenographers, typists, and secretaries .....	4,307	4,511	82	65	3,867	4,089	10	6	348	352
Other clerical workers .....	10,471	10,989	3,008	2,996	6,474	6,972	262	225	726	796
<b>Blue-collar workers</b> .....	27,642	28,931	21,058	21,877	4,344	4,722	1,925	1,964	314	367
Craft and kindred workers .....	10,849	11,234	10,048	10,342	446	534	331	318	24	39
Carpenters .....	951	957	906	912	1	5	43	36	--	3
Construction craft, except carpenters .....	2,221	2,305	2,123	2,198	18	21	78	84	2	3
Mechanics and repairers .....	2,877	2,974	2,717	2,813	34	27	122	131	5	4
Metal craft .....	1,071	1,148	1,026	1,085	14	38	30	22	2	3
Blue-collar worker supervisors, not elsewhere classified .....	1,401	1,477	1,278	1,342	118	129	5	6	--	--
All other .....	2,329	2,373	1,998	1,992	262	313	53	40	16	27
Operatives, except transport .....	9,415	10,060	5,250	5,581	3,445	3,661	510	575	210	242
Durable goods manufacturing .....	4,086	4,528	2,689	2,908	1,193	1,398	138	153	67	69
Nondurable goods manufacturing .....	3,004	3,224	1,202	1,292	1,640	1,712	74	93	87	127
Other industries .....	2,325	2,308	1,359	1,381	612	551	298	329	56	46
Transport equipment operatives .....	3,178	3,278	2,817	2,909	169	193	179	165	12	11
Drivers, motor vehicles .....	2,735	2,740	2,404	2,413	161	180	159	139	11	9
All other .....	443	538	413	496	8	14	20	26	2	2
Nonfarm laborers .....	4,200	4,359	2,944	3,044	284	334	905	906	68	75
Construction .....	748	772	628	652	3	9	112	109	5	3
Manufacturing .....	938	1,013	753	790	86	129	97	84	2	10
Other industries .....	2,515	2,574	1,562	1,603	195	195	696	713	62	62
<b>Service workers</b> .....	11,462	11,955	3,482	3,661	6,063	6,127	752	917	1,165	1,251
Private household workers .....	1,170	1,072	16	22	888	816	9	11	257	224
Service workers, except private household .....	10,292	10,883	3,466	3,639	5,175	5,311	743	907	908	1,027
Food service workers .....	3,633	3,925	609	670	1,928	2,027	485	536	610	691
Protective service workers .....	1,239	1,317	1,149	1,205	77	82	13	23	--	8
All other .....	5,420	5,641	1,708	1,764	3,170	3,202	245	348	298	328
<b>Farm workers</b> .....	3,161	2,914	2,231	2,152	501	417	369	295	60	50
Farmers and farm managers .....	1,653	1,550	1,525	1,466	95	69	31	14	2	2
Farm laborers and supervisors .....	1,508	1,363	706	686	407	348	338	281	57	48
Paid workers .....	991	963	639	632	99	108	223	195	30	27
Unpaid family workers .....	517	400	67	54	308	240	115	86	27	21

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

[Percent distribution]

Occupational group and color	Total		Males		Females	
	May 1975	May 1976	May 1975	May 1976	May 1975	May 1976
<b>TOTAL</b>						
Total employed (thousands)	84,146	87,278	50,954	52,301	33,191	34,977
Percent	100.0	100.0	100.0	100.0	100.0	100.0
White-collar workers	49.9	49.8	41.5	41.0	62.5	63.0
Professional and technical	15.2	15.2	14.6	14.6	16.1	16.0
Managers and administrators, except farm	10.6	10.6	14.2	14.0	5.0	5.5
Sales workers	6.5	6.3	6.2	6.1	6.9	6.6
Clerical workers	17.6	17.8	6.6	6.3	34.4	34.9
Blue-collar workers	33.0	33.1	45.1	45.6	14.0	14.6
Craft and kindred workers	12.9	12.9	20.5	20.4	1.4	1.6
Operatives, except transport	11.2	11.5	11.4	11.8	11.0 <sup>1</sup>	11.2
Transport equipment operatives	3.8	3.8	5.9	5.9	.5	.6
Nonfarm laborers	5.0	5.0	7.6	7.6	1.1	1.2
Service workers	13.7	13.7	8.4	8.8	21.8	21.1
Private household workers	1.4	1.2	(1)	.1	3.4	3.0
Other service workers	12.3	12.5	8.3	8.7	18.3	18.1
Farm workers	3.8	3.3	5.1	4.7	1.7	1.3
Farmers and farm managers	2.0	1.8	3.1	2.8	.3	.2
Farm laborers and supervisors	1.8	1.8	2.1	1.8	1.4	1.1
<b>White</b>						
Total employed (thousands)	75,216	77,836	46,067	47,155	29,149	30,682
Percent	100.0	100.0	100.0	100.0	100.0	100.0
White-collar workers	51.6	51.8	43.2	42.8	65.0	65.5
Professional and technical	15.6	15.6	15.1	15.3	16.4	16.2
Managers and administrators, except farm	11.3	11.4	15.0	14.9	5.3	5.9
Sales workers	6.9	6.8	6.6	6.5	7.4	7.2
Clerical workers	17.8	18.0	6.5	6.1	35.8	36.2
Blue-collar workers	32.3	32.5	44.1	44.5	13.6	14.1
Craft and kindred workers	13.4	13.3	20.9	20.9	1.5	1.7
Operatives, except transport	10.7	11.0	10.8	11.3	10.5	10.7
Transport equipment operatives	3.7	3.6	5.7	5.5	.6	.6
Nonfarm laborers	4.5	4.6	6.6	6.9	1.1	1.1
Service workers	12.2	12.3	7.5	7.9	19.6	19.0
Private household workers	1.0	.9	.1	.1	2.4	2.1
Other service workers	11.2	11.4	7.4	7.8	17.3	16.9
Farm workers	3.9	3.4	5.2	4.8	1.7	1.4
Farmers and farm managers	2.1	1.9	3.2	3.0	.3	.2
Farm laborers and supervisors	1.8	1.5	2.0	1.8	1.4	1.1
<b>Negro and other races</b>						
Total employed (thousands)	8,929	9,442	4,887	5,146	4,042	4,296
Percent	100.0	100.0	100.0	100.0	100.0	100.0
White-collar workers	34.2	33.7	25.5	24.2	44.6	45.1
Professional and technical	11.6	11.4	9.7	8.7	14.1	14.7
Managers and administrators, except farm	4.6	4.1	6.0	5.2	2.8	2.7
Sales workers	2.7	2.4	2.3	2.5	3.3	2.2
Clerical workers	15.2	15.9	7.6	7.9	24.4	25.4
Blue-collar workers	37.4	38.1	54.2	55.2	17.0	17.7
Craft and kindred workers	8.7	9.2	15.0	15.8	1.1	1.3
Operatives, except transport	15.2	15.6	15.7	16.4	14.7	14.6
Transport equipment operatives	4.2	5.2	7.4	9.3	.4	.3
Nonfarm laborers	9.2	8.1	16.2	13.7	.8	1.4
Service workers	25.7	25.6	16.3	16.9	37.1	36.0
Private household workers	5.1	4.2	.1	.2	11.2	9.1
Other service workers	20.7	21.4	16.2	16.7	26.0	26.9
Farm workers	2.7	2.6	3.9	3.7	1.3	1.2
Farmers and farm managers	.7	.6	1.3	1.0	--	.1
Farm laborers and supervisors	2.0	1.9	2.6	2.6	1.3	1.1

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

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

[In thousands]

Age and sex	May 1976								
	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 .....	77,447	1,315	14,983	61,149	5,922	494	1,296	1,697	422
16 to 19 years .....	6,511	334	524	5,653	117	44	279	40	107
16 to 17 years .....	2,468	248	138	2,082	48	20	139	19	67
18 to 19 years .....	4,043	86	386	3,570	69	24	140	20	40
20 to 24 years .....	11,476	78	1,727	9,671	293	36	265	86	53
25 to 34 years .....	20,050	121	4,306	15,623	1,190	89	249	252	63
35 to 44 years .....	14,405	160	3,126	11,119	1,306	117	173	284	59
45 to 54 years .....	14,134	197	3,063	10,874	1,436	115	151	392	78
55 to 64 years .....	9,005	229	1,926	6,850	1,081	71	123	367	50
55 to 59 years .....	5,627	119	1,224	4,283	620	38	56	205	30
60 to 64 years .....	3,378	109	702	2,567	460	33	67	162	19
65 years and over .....	1,866	196	311	1,358	499	22	55	277	12
<b>Males, 16 years and over .....</b>	<b>45,079</b>	<b>221</b>	<b>7,650</b>	<b>37,209</b>	<b>4,325</b>	<b>64</b>	<b>1,086</b>	<b>1,605</b>	<b>141</b>
16 to 19 years .....	3,339	110	210	3,019	78	22	243	35	87
16 to 17 years .....	1,284	82	66	1,136	29	11	114	18	56
18 to 19 years .....	2,055	28	144	1,883	49	10	129	18	31
20 to 24 years .....	6,181	15	732	5,433	188	16	222	84	34
25 to 34 years .....	12,226	9	2,246	9,970	831	7	202	238	11
35 to 44 years .....	8,556	16	1,591	6,949	989	0	145	270	1
45 to 54 years .....	8,368	17	1,632	6,719	1,091	4	115	363	4
55 to 64 years .....	5,383	20	1,058	4,305	798	9	108	347	3
55 to 59 years .....	3,360	9	676	2,674	457	0	46	191	1
60 to 64 years .....	2,024	11	382	1,631	341	9	63	155	2
65 years and over .....	1,028	33	181	814	349	6	52	267	2
<b>Females, 16 years and over .....</b>	<b>32,368</b>	<b>1,094</b>	<b>7,334</b>	<b>23,940</b>	<b>1,596</b>	<b>430</b>	<b>210</b>	<b>93</b>	<b>281</b>
16 to 19 years .....	3,172	224	314	2,634	39	23	37	4	21
16 to 17 years .....	1,184	166	72	946	18	9	25	2	11
18 to 19 years .....	1,988	58	242	1,687	21	13	11	3	9
20 to 24 years .....	5,295	62	996	4,237	105	20	43	2	19
25 to 34 years .....	7,825	112	2,059	5,654	358	82	47	15	52
35 to 44 years .....	5,849	144	1,536	4,170	316	117	28	14	58
45 to 54 years .....	5,767	180	1,431	4,156	344	111	36	29	75
55 to 64 years .....	3,622	209	868	2,545	282	62	15	20	47
55 to 59 years .....	2,268	111	548	1,609	163	38	10	13	29
60 to 64 years .....	1,354	98	320	936	119	24	5	7	17
65 years and over .....	839	164	130	545	150	16	3	9	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 <sup>1</sup>			
					Paid absences <sup>2</sup>		Unpaid absences <sup>2</sup>	
	May 1975	May 1976	May 1975	May 1976	May 1975 <sup>c</sup>	May 1976	May 1975 <sup>c</sup>	May 1976
Total .....	3,615	3,854	3,532	3,763	1,685	1,739	1,471	1,642
Vacation .....	1,369	1,477	1,357	1,462	997	1,081	265	270
Illness .....	1,263	1,358	1,231	1,331	532	522	603	713
Bad weather .....	64	79	40	50	--	--	--	--
Industrial dispute .....	117	130	117	130	--	--	--	--
All other reasons <sup>3</sup> .....	801	810	787	790	156	136	603	659
<b>Males</b> .....	<b>2,131</b>	<b>2,247</b>	<b>2,061</b>	<b>2,166</b>	<b>1,076</b>	<b>1,153</b>	<b>737</b>	<b>771</b>
Vacation .....	810	943	805	931	641	749	104	110
Illness .....	744	757	718	733	347	320	313	359
All other reasons <sup>3</sup> .....	577	547	538	502	89	84	321	302
<b>Females</b> .....	<b>1,483</b>	<b>1,608</b>	<b>1,471</b>	<b>1,597</b>	<b>608</b>	<b>587</b>	<b>733</b>	<b>872</b>
Vacation .....	559	535	553	531	356	332	161	159
Illness .....	519	601	513	598	185	202	289	355
All other reasons <sup>3</sup> .....	405	472	405	468	67	52	283	358

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

c = corrected.

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

Hours of work	May 1976					
	Thousands of persons			Percent distribution		
	All industries	Nonagricultural industries	Agriculture	All industries	Nonagricultural industries	Agriculture
Total at work .....	83,424	80,099	3,324	100.0	100.0	100.0
1-34 hours .....	19,693	18,746	949	23.6	23.4	28.5
1-4 hours .....	803	747	57	1.0	.9	1.7
5-14 hours .....	4,032	3,808	224	4.8	4.8	6.7
15-29 hours .....	9,782	9,303	479	11.7	11.6	14.4
30-34 hours .....	5,076	4,888	189	6.1	6.1	5.7
35 hours and over .....	63,729	61,354	2,376	76.4	76.6	71.5
35-39 hours .....	6,299	6,145	154	7.6	7.7	4.6
40 hours .....	35,443	35,026	418	42.5	43.7	12.6
41 hours and over .....	21,987	20,183	1,804	26.4	25.2	54.3
41 to 48 hours .....	8,837	8,589	248	10.6	10.7	7.5
49 to 59 hours .....	7,027	6,598	429	8.4	8.2	12.9
60 hours and over .....	6,123	4,996	1,127	7.3	6.2	33.9
Average hours, total at work .....	38.8	38.4	46.7	--	--	--
Average hours, workers on full-time schedules .....	43.4	42.9	55.4	--	--	--

**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	May 1976					
	All industries			Nonagricultural industries		
	Total	Usually work full time	Usually work part time	Total	Usually work full time	Usually work part time
Total	19,694	5,479	14,215	18,746	5,211	13,535
Economic reasons	3,249	1,456	1,793	3,071	1,358	1,713
Slack work	1,626	1,048	578	1,484	960	524
Material shortages or repairs to plant and equipment	73	73	--	71	71	--
New job started during week	262	262	--	254	254	--
Job terminated during week	74	74	--	74	74	--
Could find only part-time work	1,215	--	1,215	1,189	--	1,189
Other reasons	16,445	4,023	12,422	15,675	3,853	11,821
Does not want, or unavailable for, full-time work	10,430	--	10,430	9,948	--	9,948
Vacation	590	590	--	587	587	--
Illness	1,727	1,527	200	1,666	1,504	162
Bad weather	504	504	--	394	394	--
Industrial dispute	52	52	--	52	52	--
Legal or religious holiday	--	--	--	--	--	--
Full time for this job	1,365	--	1,365	1,330	--	1,330
All other reasons	1,775	1,350	425	1,692	1,312	380
Average hours:						
Economic reasons	21.3	24.1	19.0	21.4	24.2	19.1
Other reasons	20.2	26.1	18.3	20.3	26.3	18.3
Worked 30 to 34 hours:						
Economic reasons	960	607	353	911	567	344
Other reasons	4,116	2,102	2,014	3,977	2,048	1,929

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

[Numbers in thousands]

Industry	May 1976								
	Total at work	Full- or part-time status						Average hours, total at work	Average hours, workers on full-time schedules
		On part time for economic reasons	On voluntary part time	On full-time schedules					
				Total	40 hours or less	41 to 48 hours	49 hours or more		
Total <sup>1</sup>	80,099	3,071	11,821	65,207	45,024	8,589	11,594	38.4	42.9
Wage and salary workers	74,022	2,737	10,653	60,632	43,097	8,068	9,467	38.2	42.4
Construction	3,967	307	171	3,489	2,620	368	501	38.7	41.1
Manufacturing	18,668	514	566	17,588	12,458	2,768	2,362	40.9	42.1
Durable goods	11,202	203	245	10,754	7,733	1,613	1,408	41.2	42.0
Nondurable goods	7,466	311	321	6,734	4,626	1,155	953	40.5	42.3
Transportation and public utilities	5,029	151	332	4,546	3,308	528	710	40.7	42.9
Wholesale and retail trade	15,310	737	3,932	10,641	6,582	1,800	2,259	36.3	43.7
Finance, insurance, and real estate	4,257	56	473	3,728	2,846	399	483	38.6	41.2
Service industries	21,480	895	4,899	15,686	11,507	1,668	2,511	36.3	42.4
Private households	1,272	169	738	365	225	42	98	22.7	46.6
All other industries	20,208	726	4,161	15,321	11,282	1,626	2,413	36.6	42.3
Public administration	4,597	60	259	4,278	3,358	438	482	40.0	41.7
Self-employed workers	5,584	324	983	4,277	1,765	487	2,025	42.1	49.7
Unpaid family workers	494	11	186	297	161	34	102	36.4	46.3

<sup>1</sup>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	May 1976							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 hours or more			
<b>Total, 16 years and over</b> .....	80,099	3,071	11,821	65,207	45,024	20,183	38.4	42.9	
16 to 21 years .....	10,900	772	4,389	5,739	4,494	1,245	29.3	40.7	
16 to 19 years .....	6,507	465	3,600	2,442	1,939	503	25.3	40.3	
16 to 17 years .....	2,479	88	2,105	286	236	50	17.6	38.5	
18 to 19 years .....	4,028	377	1,494	2,157	1,707	450	29.9	40.5	
20 years and over .....	73,592	2,607	8,222	62,763	43,083	19,680	39.6	43.0	
20 to 24 years .....	11,349	663	1,497	9,189	6,910	2,279	37.3	41.5	
25 years and over .....	62,243	1,944	6,725	53,574	36,173	17,401	40.0	43.3	
25 to 44 years .....	35,635	1,116	3,245	31,274	20,883	10,391	40.6	43.4	
45 to 64 years .....	24,380	767	2,445	21,168	14,555	6,613	40.1	43.1	
65 years and over .....	2,229	61	1,036	1,132	736	396	30.4	43.9	
<b>Males, 16 years and over</b> .....	47,302	1,543	3,720	42,039	25,906	16,133	41.5	44.3	
16 to 21 years .....	5,708	418	2,122	3,168	2,215	953	30.7	41.7	
16 to 19 years .....	3,377	244	1,807	1,326	944	382	26.3	41.2	
16 to 17 years .....	1,301	60	1,072	169	130	39	18.5	38.5	
18 to 19 years .....	2,076	184	735	1,157	813	344	31.2	41.6	
20 years and over .....	43,925	1,299	1,913	40,713	24,963	15,750	42.6	44.4	
20 to 24 years .....	6,169	381	612	5,176	3,441	1,735	39.0	42.8	
25 years and over .....	37,756	918	1,301	35,537	21,522	14,015	43.2	44.6	
25 to 44 years .....	21,735	536	381	20,818	12,319	8,499	44.0	44.9	
45 to 64 years .....	14,728	348	405	13,975	8,742	5,233	43.1	44.3	
65 years and over .....	1,294	34	515	745	459	286	32.5	43.9	
<b>Females, 16 years and over</b> .....	32,797	1,529	8,102	23,166	19,116	4,050	34.1	40.3	
16 to 21 years .....	5,192	355	2,267	2,570	2,278	292	27.8	39.4	
16 to 19 years .....	3,130	221	1,793	1,116	996	120	24.2	39.2	
16 to 17 years .....	1,177	29	1,034	114	102	12	16.7	38.6	
18 to 19 years .....	1,952	192	759	1,001	894	107	28.7	39.3	
20 years and over .....	29,667	1,308	6,309	22,050	18,120	3,930	35.1	40.4	
20 to 24 years .....	5,181	282	884	4,015	3,470	545	35.2	39.7	
25 years and over .....	24,486	1,026	5,425	18,035	14,650	3,385	35.1	40.6	
25 to 44 years .....	13,900	580	2,864	10,456	8,562	1,894	35.3	40.3	
45 to 64 years .....	9,653	419	2,040	7,194	5,814	1,380	35.7	40.7	
65 years and over .....	934	27	521	386	275	111	27.4	44.0	
<b>COLOR</b>									
White .....	71,427	2,545	10,772	58,110	39,089	19,021	38.6	43.2	
Males .....	42,648	1,277	3,379	37,992	22,675	15,317	41.8	44.6	
Females .....	28,779	1,268	7,393	20,118	16,415	3,703	34.0	40.5	
Negro and other races .....	8,672	526	1,049	7,097	5,935	1,162	36.8	40.7	
Males .....	4,654	266	341	4,047	3,232	815	38.5	41.4	
Females .....	4,018	261	708	3,049	2,702	347	34.9	39.6	
<b>MARITAL STATUS</b>									
<b>Males:</b>									
Married, spouse present .....	34,630	805	1,034	32,791	19,528	13,263	43.4	44.7	
Widowed, divorced, or separated .....	3,195	136	191	2,868	1,838	1,030	41.5	43.9	
Single (never married) .....	9,478	601	2,494	6,383	4,544	1,839	34.2	42.3	
<b>Females:</b>									
Married, spouse present .....	18,806	746	4,746	13,314	11,019	2,295	34.3	40.3	
Widowed, divorced, or separated .....	6,205	346	942	4,917	3,952	965	36.3	40.6	
Single (never married) .....	7,785	438	2,413	4,934	4,145	789	31.8	40.3	

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

[Numbers in thousands]

Occupational group and sex	May 1976								
	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		
<b>TOTAL</b>									
White-collar workers	41,721	883	6,040	34,798	23,521	4,116	7,161	39.4	43.4
Professional and technical	12,760	227	1,516	11,017	7,384	1,342	2,291	40.0	43.5
Managers and administrators, except farm	8,857	94	397	8,366	3,925	1,235	3,206	46.2	47.8
Sales workers	5,238	195	1,346	3,697	2,188	533	976	36.6	44.1
Clerical workers	14,866	367	2,780	11,719	10,025	1,005	689	35.7	40.0
Blue-collar workers	27,467	1,418	1,965	24,084	16,697	3,727	3,660	39.6	42.4
Craft and kindred workers	10,731	425	385	9,921	6,656	1,569	1,696	41.2	42.8
Operatives, except transport	9,531	499	539	8,493	6,291	1,338	864	39.3	41.4
Transport equipment operatives	3,087	182	270	2,635	1,457	427	751	41.7	45.6
Nonfarm laborers	4,117	311	771	3,035	2,292	394	349	34.7	41.0
Service workers	11,375	802	3,931	6,642	4,960	798	884	32.3	42.4
Private household	1,035	135	604	296	181	37	78	23.3	47.0
Other service workers	10,341	667	3,327	6,347	4,780	761	806	33.2	42.2
<b>Males</b>									
White-collar workers	20,613	275	1,302	19,036	10,461	2,732	5,843	43.8	45.9
Professional and technical	7,370	94	446	6,830	4,155	895	1,780	43.1	45.0
Managers and administrators, except farm	7,020	62	163	6,795	2,912	1,043	2,840	47.6	48.5
Sales workers	3,082	61	366	2,655	1,335	450	870	41.9	45.7
Clerical workers	3,141	58	328	2,755	2,061	343	351	39.0	41.8
Blue-collar workers	22,660	1,095	1,434	20,131	13,440	3,230	3,461	40.3	42.9
Craft and kindred workers	10,178	398	286	9,494	6,348	1,496	1,650	41.4	42.8
Operatives, except transport	5,862	249	284	5,329	3,634	952	743	40.6	42.6
Transport equipment operatives	2,889	164	168	2,557	1,399	421	737	42.7	45.7
Nonfarm laborers	3,732	284	696	2,752	2,060	361	331	34.8	41.1
Service workers	4,383	196	1,053	3,134	2,124	451	559	36.4	43.9
Private household	32	3	15	14	6	4	4	26.0	46.1
Other service workers	4,350	193	1,038	3,119	2,117	447	555	36.4	43.9
<b>Females</b>									
White-collar workers	21,107	608	4,737	15,762	13,060	1,384	1,318	35.0	40.4
Professional and technical	5,390	132	1,071	4,187	3,230	447	510	35.8	41.0
Managers and administrators, except farm	1,836	31	235	1,570	1,013	192	365	40.8	44.5
Sales workers	2,157	134	980	1,043	855	82	106	29.0	40.0
Clerical workers	11,725	309	2,452	8,964	7,964	662	338	34.8	39.4
Blue-collar workers	4,806	322	531	3,953	3,256	498	199	36.4	39.7
Craft and kindred workers	553	27	98	428	310	72	46	36.9	41.5
Operatives, except transport	3,669	250	255	3,164	2,657	386	121	37.0	39.4
Transport equipment operatives	198	17	102	79	59	6	14	26.8	40.0
Nonfarm laborers	386	28	75	283	232	33	18	34.2	39.9
Service workers	6,993	606	2,879	3,508	2,836	347	325	29.7	41.0
Private household	1,003	132	590	281	175	32	74	23.2	47.1
Other service workers	5,990	474	2,289	3,227	2,662	315	250	30.8	40.5

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

[Numbers in thousands]

Employment status	May 1976								
	Total			White			Negro and other races		
	Both sexes	Males	Females	Both sexes	Males	Females	Both sexes	Males	Females
Civilian noninstitutional population .....	8,443	4,297	4,146	7,128	3,637	3,491	1,316	660	656
Civilian labor force .....	1,414	837	578	1,312	768	544	102	69	34
Employed .....	1,224	718	506	1,179	688	490	45	30	15
Agriculture .....	187	163	24	176	155	21	11	8	2
Nonagricultural industries .....	1,037	555	482	1,003	534	469	35	21	13
Unemployed .....	190	119	72	133	80	53	57	39	18
Unemployment rate .....	13.4	14.2	12.5	10.1	10.4	9.7	55.9	(1)	(1)
Not in labor force .....	7,029	3,460	3,569	5,816	2,869	2,947	1,213	592	622
Keeping house .....	58	9	49	52	9	42	6	--	7
Going to school .....	6,900	3,424	3,476	5,704	2,840	2,863	1,196	584	612
Unable to work .....	7	4	3	5	1	3	3	2	--
All other reasons .....	64	24	40	56	18	38	8	6	2

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

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

Characteristics	May 1976					
	Thousands of persons			Percent distribution		
	Both sexes	Males	Females	Both sexes	Males	Females
<b>CLASS OF WORKER</b>						
Total .....	1,224	718	506	100.0	100.0	100.0
Nonagricultural industries .....	1,037	555	482	84.7	77.3	95.3
Wage and salary workers .....	941	468	473	77.0	65.2	93.5
Private household workers .....	432	148	283	35.3	20.6	55.9
Government workers .....	28	13	15	2.3	1.8	3.0
Other wage and salary workers .....	482	307	175	39.4	42.8	34.6
Self-employed workers .....	83	77	6	6.8	10.7	1.2
Unpaid family workers .....	13	10	3	1.1	1.4	.6
Agriculture .....	187	163	24	15.3	22.7	4.9
Wage and salary workers .....	81	68	13	6.6	9.5	2.6
Self-employed workers .....	26	27	--	2.1	3.8	--
Unpaid family workers .....	80	68	12	6.5	9.5	2.4
<b>OCCUPATION</b>						
Total .....	1,224	718	506	100.0	100.0	100.0
White-collar workers .....	302	223	79	24.8	31.2	15.6
Professional and technical .....	21	12	9	1.7	1.7	1.8
Managers and administrators, except farm .....	4	4	--	.3	.6	--
Sales workers .....	221	191	30	18.1	26.6	5.9
Clerical workers .....	57	17	40	4.7	2.4	7.9
Blue-collar workers .....	268	243	24	21.9	33.8	4.7
Craft and kindred workers .....	4	4	--	.3	.6	--
Operatives, except transport .....	31	23	8	2.5	3.2	1.6
Transport equipment operatives .....	2	2	--	.2	.3	--
Nonfarm laborers .....	231	214	16	18.9	29.8	3.2
Service workers .....	497	117	379	40.6	16.4	75.1
Private household workers .....	292	19	274	23.9	2.6	54.2
Other service workers .....	205	99	106	16.7	13.8	20.9
Farm workers .....	157	134	23	12.8	18.7	4.5
Farmers and farm managers .....	2	2	--	.2	.3	--
Farm laborers and supervisors .....	155	132	23	12.7	18.4	4.5



## HOUSEHOLD DATA SEASONALLY ADJUSTED

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

[Numbers in thousands]

Employment status	1975								1976				
	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May
Total noninstitutional population <sup>1</sup> .....	153,051	153,278	153,585	153,824	154,052	154,256	154,476	154,700	154,915	155,106	155,325	155,516	155,711
Total labor force .....	94,950	94,747	95,249	95,397	95,298	95,377	95,272	95,286	95,624	95,601	95,866	96,583	96,699
Percent of total population .....	62.0	61.8	62.0	62.0	61.9	61.8	61.7	61.6	61.7	61.6	61.7	62.1	62.1
Civilian noninstitutional population <sup>1</sup> .....	150,870	151,100	151,399	151,639	151,882	152,092	152,320	152,543	152,775	152,960	153,178	153,371	153,570
Civilian labor force .....	92,769	92,569	93,063	93,212	93,128	93,213	93,117	93,129	93,484	93,455	93,719	94,439	94,557
Percent of civilian population .....	61.5	61.3	61.5	61.5	61.3	61.3	61.1	61.1	61.2	61.1	61.2	61.6	61.6
Employed .....	84,519	84,498	84,967	85,288	85,158	85,151	85,178	85,394	86,194	86,319	86,692	87,399	87,697
Percent of civilian population .....	56.0	55.9	56.1	56.2	56.1	56.0	55.9	56.0	56.4	56.4	56.6	57.0	57.1
Agriculture .....	3,528	3,350	3,439	3,464	3,512	3,408	3,301	3,236	3,343	3,170	3,179	3,417	3,329
Nonagricultural industries .....	80,991	81,148	81,528	81,824	81,646	81,743	81,877	82,158	82,851	83,149	83,513	83,982	84,368
Unemployed .....	8,250	8,071	8,096	7,924	7,970	8,062	7,939	7,735	7,290	7,136	7,027	7,040	6,860
Unemployment rate .....	8.9	8.7	8.7	8.5	8.6	8.6	8.5	8.3	7.8	7.6	7.5	7.5	7.3
Not in labor force .....	58,101	58,531	58,336	58,427	58,754	58,879	59,203	59,414	59,291	59,505	59,459	58,932	59,013
<b>Males, 20 years and over</b>													
Total noninstitutional population <sup>1</sup> .....	64,901	65,000	65,128	65,234	65,353	65,444	65,542	65,643	65,739	65,821	65,920	66,002	66,087
Total labor force .....	52,724	52,519	52,848	52,866	52,931	52,944	52,888	52,651	52,576	52,603	52,623	53,010	53,144
Percent of total population .....	81.2	80.8	81.1	81.0	81.0	80.9	80.7	80.2	80.0	79.9	79.8	80.3	80.4
Civilian noninstitutional population <sup>1</sup> .....	63,180	63,282	63,403	63,498	63,629	63,725	63,830	63,929	64,055	64,133	64,230	64,311	64,398
Civilian labor force .....	51,003	50,801	51,123	51,130	51,208	51,225	51,176	50,937	50,892	50,914	50,934	51,319	51,455
Percent of civilian population .....	80.7	80.3	80.6	80.5	80.5	80.4	80.2	79.7	79.5	79.4	79.3	79.8	79.9
Employed .....	47,336	47,250	47,481	47,655	47,516	47,513	47,521	47,586	47,916	47,997	48,081	48,524	48,596
Agriculture .....	2,458	2,413	2,443	2,461	2,473	2,430	2,386	2,316	2,351	2,305	2,301	2,405	2,427
Nonagricultural industries .....	44,878	44,837	45,038	45,194	45,043	45,083	45,135	45,270	45,565	45,692	45,780	46,119	46,169
Unemployed .....	3,667	3,551	3,642	3,475	3,692	3,712	3,655	3,351	2,976	2,917	2,853	2,795	2,859
Unemployment rate .....	7.2	7.0	7.1	6.8	7.2	7.2	7.1	6.6	5.8	5.7	5.6	5.4	5.6
Not in labor force .....	12,177	12,481	12,280	12,368	12,421	12,500	12,654	12,992	13,163	13,219	13,296	12,992	12,943
<b>Females, 20 years and over</b>													
Civilian noninstitutional population <sup>1</sup> .....	71,463	71,574	71,729	71,839	71,926	72,029	72,139	72,251	72,354	72,452	72,561	72,653	72,753
Civilian labor force .....	32,848	32,964	33,097	33,227	33,121	33,236	33,256	33,415	33,683	33,687	33,865	34,019	33,972
Percent of population .....	46.0	46.1	46.1	46.3	46.0	46.1	46.1	46.2	46.6	46.5	46.7	46.8	46.7
Employed .....	30,077	30,266	30,453	30,607	30,551	30,621	30,619	30,755	31,140	31,165	31,398	31,523	31,664
Agriculture .....	541	494	521	542	536	534	491	483	545	420	442	540	473
Nonagricultural industries .....	29,536	29,772	29,932	30,065	30,015	30,087	30,128	30,272	30,595	30,745	30,956	30,983	31,191
Unemployed .....	2,771	2,698	2,644	2,620	2,570	2,615	2,637	2,660	2,543	2,522	2,467	2,496	2,308
Unemployment rate .....	8.4	8.2	8.0	7.9	7.8	7.9	7.9	8.0	7.5	7.5	7.3	7.3	6.8
Not in labor force .....	38,615	38,610	38,632	38,612	38,805	38,793	38,883	38,836	38,671	38,765	38,696	38,634	38,781
<b>Both sexes, 16-19 years</b>													
Civilian noninstitutional population <sup>1</sup> .....	16,226	16,244	16,267	16,302	16,327	16,338	16,352	16,363	16,366	16,376	16,387	16,407	16,419
Civilian labor force .....	8,918	8,804	8,843	8,855	8,799	8,752	8,685	8,777	8,909	8,854	8,920	9,101	9,130
Percent of population .....	55.0	54.2	54.4	54.3	53.9	53.6	53.1	53.6	54.4	54.1	54.4	55.5	55.6
Employed .....	7,106	6,982	7,033	7,026	7,091	7,017	7,038	7,053	7,138	7,157	7,213	7,352	7,437
Agriculture .....	529	443	475	461	503	444	424	437	447	445	436	472	429
Nonagricultural industries .....	6,577	6,539	6,558	6,565	6,588	6,573	6,614	6,616	6,691	6,712	6,777	6,880	7,008
Unemployed .....	1,812	1,822	1,810	1,829	1,708	1,735	1,647	1,724	1,771	1,697	1,707	1,749	1,693
Unemployment rate .....	20.3	20.7	20.5	20.7	19.4	19.8	19.0	19.6	19.9	19.2	19.1	19.2	18.5
Not in labor force .....	7,308	7,440	7,424	7,447	7,528	7,586	7,667	7,586	7,457	7,522	7,467	7,306	7,289

<sup>1</sup> 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	1975								1976				
	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May
<b>FULL TIME</b>													
Total, 16 years and over:													
Civilian labor force .....	79,371	78,723	79,004	79,348	79,593	79,790	79,738	79,824	79,801	79,900	80,283	80,633	80,750
Employed .....	72,596	72,078	72,311	72,882	72,899	73,032	73,112	73,500	73,962	74,222	74,646	75,024	75,299
Unemployed .....	6,775	6,645	6,693	6,466	6,694	6,758	6,626	6,324	5,839	5,678	5,637	5,609	5,451
Unemployment rate .....	8.5	8.4	8.5	8.1	8.4	8.5	8.3	7.9	7.3	7.1	7.0	7.0	6.8
<b>PART TIME</b>													
Total, 16 years and over:													
Civilian labor force .....	13,288	13,838	14,165	13,969	13,743	13,534	13,411	13,295	13,760	13,657	13,480	13,911	13,651
Employed .....	11,866	12,441	12,769	12,524	12,389	12,127	12,049	11,893	12,317	12,231	12,098	12,425	12,263
Unemployed .....	1,422	1,397	1,396	1,445	1,354	1,407	1,362	1,402	1,442	1,426	1,382	1,486	1,388
Unemployment rate .....	10.7	10.1	9.9	10.3	9.9	10.4	10.2	10.5	10.5	10.4	10.3	10.7	10.2

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

**HOUSEHOLD DATA  
SEASONALLY ADJUSTED**

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

[Numbers in thousands]

Characteristics	1975								1976				
	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May
<b>WHITE</b>													
Total, 16 years and over:													
Civilian labor force	82,260	82,044	82,520	82,556	82,478	82,725	82,517	82,474	82,738	82,715	82,961	83,451	83,642
Employed	75,462	75,457	75,831	76,130	76,041	76,077	76,059	76,223	76,839	77,101	77,282	77,867	78,087
Unemployed	6,798	6,587	6,689	6,426	6,437	6,648	6,458	6,251	5,899	5,614	5,679	5,584	5,555
Unemployment rate	8.3	8.0	8.1	7.8	7.8	8.0	7.8	7.6	7.1	6.8	6.8	6.7	6.6
Males, 20 years and over:													
Civilian labor force	45,793	45,623	45,831	45,822	45,888	46,025	45,878	45,631	45,620	45,659	45,726	45,954	46,098
Employed	42,725	42,688	42,774	42,949	42,840	42,920	42,905	42,954	43,229	43,363	43,399	43,685	43,730
Unemployed	3,068	2,935	3,057	2,873	3,048	3,105	2,973	2,677	2,391	2,296	2,327	2,269	2,368
Unemployment rate	6.7	6.4	6.7	6.3	6.6	6.7	6.5	5.9	5.2	5.0	5.1	4.9	5.1
Females, 20 years and over:													
Civilian labor force	28,537	28,575	28,732	28,808	28,703	28,886	28,882	29,012	29,137	29,137	29,276	29,379	29,403
Employed	26,261	26,405	26,577	26,738	26,703	26,726	26,724	26,830	27,086	27,177	27,291	27,410	27,542
Unemployed	2,276	2,170	2,155	2,070	2,000	2,160	2,158	2,182	2,051	1,960	1,985	1,969	1,861
Unemployment rate	8.0	7.6	7.5	7.2	7.0	7.5	7.5	7.5	7.0	6.7	6.8	6.7	6.3
Both sexes, 16 to 19 years:													
Civilian labor force	7,930	7,846	7,957	7,926	7,887	7,814	7,757	7,831	7,981	7,919	7,959	8,118	8,141
Employed	6,476	6,364	6,480	6,443	6,498	6,431	6,430	6,439	6,524	6,561	6,592	6,772	6,815
Unemployed	1,454	1,482	1,477	1,483	1,389	1,383	1,327	1,392	1,457	1,358	1,367	1,346	1,326
Unemployment rate	18.3	18.9	18.6	18.7	17.6	17.7	17.1	17.8	18.3	17.1	17.2	16.6	16.3
<b>NEGRO AND OTHER RACES</b>													
Total, 16 years and over:													
Civilian labor force	10,479	10,484	10,503	10,659	10,728	10,668	10,684	10,653	10,731	10,795	10,748	10,901	10,838
Employed	8,996	9,013	9,093	9,134	9,180	9,147	9,197	9,188	9,314	9,315	9,407	9,489	9,511
Unemployed	1,483	1,471	1,410	1,525	1,548	1,521	1,487	1,465	1,417	1,480	1,341	1,412	1,327
Unemployment rate	14.2	14.0	13.4	14.3	14.4	14.3	13.9	13.8	13.2	13.7	12.5	13.0	12.2
Males, 20 years and over:													
Civilian labor force	5,199	5,190	5,262	5,320	5,360	5,294	5,338	5,285	5,245	5,276	5,182	5,319	5,348
Employed	4,595	4,579	4,654	4,702	4,692	4,650	4,653	4,633	4,657	4,686	4,649	4,788	4,854
Unemployed	604	611	608	618	668	644	685	652	588	590	533	531	494
Unemployment rate	11.6	11.8	11.6	11.6	12.5	12.2	12.8	12.3	11.2	11.2	10.3	10.0	9.2
Females, 20 years and over:													
Civilian labor force	4,330	4,354	4,313	4,400	4,420	4,422	4,421	4,419	4,527	4,581	4,610	4,626	4,553
Employed	3,805	3,832	3,839	3,846	3,881	3,894	3,936	3,940	4,030	4,021	4,145	4,120	4,081
Unemployed	525	522	474	554	539	528	485	479	497	560	465	506	472
Unemployment rate	12.1	12.0	11.0	12.6	12.2	11.9	11.0	10.8	11.0	12.2	10.1	10.9	10.4
Both sexes, 16 to 19 years:													
Civilian labor force	950	940	928	939	948	952	925	949	959	938	956	956	937
Employed	596	602	600	586	607	603	608	615	627	608	613	581	576
Unemployed	354	338	328	353	341	349	317	334	332	330	343	375	361
Unemployment rate	37.3	36.0	35.3	37.6	36.0	36.7	34.3	35.2	34.6	35.2	35.9	39.2	38.5

## A-34. Major unemployment indicators, seasonally adjusted

[Unemployment rates]

Selected categories	1975								1976				
	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May
Total (all civilian workers)	8.9	8.7	8.7	8.5	8.6	8.6	8.5	8.3	7.8	7.6	7.5	7.5	7.3
Males, 20 years and over	7.2	7.0	7.1	6.8	7.2	7.2	7.1	6.6	5.8	5.7	5.6	5.4	5.6
Females, 20 years and over	8.4	8.2	8.0	7.9	7.8	7.9	7.9	8.0	7.5	7.5	7.3	7.3	6.8
Both sexes, 16-19 years	20.3	20.7	20.5	20.7	19.4	19.8	19.0	19.6	19.9	19.2	19.1	19.2	18.5
White	8.3	8.0	8.1	7.8	7.8	8.0	7.8	7.6	7.1	6.8	6.8	6.7	6.6
Negro and other races	14.2	14.0	13.4	14.3	14.4	14.3	13.9	13.8	13.2	13.7	12.5	13.0	12.2
Household heads	6.1	6.1	6.1	5.7	6.0	6.0	5.8	5.7	5.1	4.9	5.0	4.8	4.8
Married men	5.7	5.5	5.5	5.2	5.5	5.3	5.1	4.8	4.1	4.1	4.1	3.9	4.0
Full-time workers	8.5	8.4	8.5	8.1	8.4	8.5	8.3	7.9	7.3	7.1	7.0	7.0	6.8
Part-time workers	10.7	10.1	9.9	10.3	9.9	10.4	10.2	10.5	10.5	10.4	10.3	10.7	10.2
Unemployed 15 weeks and over <sup>1</sup>	2.7	3.0	3.2	3.1	3.2	2.9	3.2	3.3	3.0	2.7	2.4	2.2	2.1
Labor force time lost <sup>2</sup>	9.7	8.9	8.9	8.9	9.1	9.4	9.3	8.9	8.4	8.1	8.2	8.2	8.1
<b>OCCUPATION</b>													
White-collar workers	5.3	4.8	4.8	4.6	4.8	4.8	4.8	4.8	4.7	4.6	4.6	4.8	4.6
Professional and technical	3.6	3.2	3.5	3.0	3.2	3.2	3.7	3.1	3.0	3.6	3.5	3.4	3.2
Managers and administrators, except farm	3.3	3.0	3.0	3.0	3.4	2.9	2.9	3.0	2.9	2.9	2.9	2.8	3.2
Sales workers	5.9	5.8	5.1	5.8	5.8	6.0	6.3	6.3	6.4	5.2	5.0	4.9	4.8
Clerical workers	7.7	6.7	6.8	6.5	6.5	6.7	6.4	6.6	6.4	6.1	6.3	7.0	6.4
Blue-collar workers	12.8	12.4	12.3	11.9	11.9	11.6	11.3	10.7	9.4	9.3	9.1	9.0	9.0
Craft and kindred workers	9.1	9.2	9.3	8.5	8.8	8.7	8.3	7.2	6.6	6.7	6.7	7.0	6.2
Operatives	14.2	13.9	13.4	13.3	13.2	12.5	12.4	12.2	10.2	9.8	9.8	9.3	9.5
Nonfarm laborers	17.5	15.8	16.0	16.2	15.7	16.4	15.5	14.9	14.1	14.1	12.9	13.2	14.0
Service workers	8.6	8.5	8.4	9.2	8.8	9.1	8.7	9.2	9.3	8.9	8.6	8.1	8.1
Farm workers	3.4	3.2	3.0	3.7	3.5	3.7	3.8	4.5	3.9	3.9	5.0	4.8	5.0
<b>INDUSTRY</b>													
Nonagricultural private wage and salary workers <sup>3</sup>	9.8	9.6	9.4	9.3	9.2	9.2	9.2	8.9	8.1	8.0	7.7	7.6	7.6
Construction	20.9	20.5	20.4	19.7	18.7	18.1	17.5	16.6	15.4	14.5	16.0	15.3	14.1
Manufacturing	11.9	12.0	11.5	11.1	10.8	10.6	10.5	9.6	8.1	8.0	7.3	7.6	7.3
Durable goods	12.3	12.7	12.1	12.0	11.5	11.1	10.8	9.9	8.2	8.0	7.4	7.7	7.4
Nondurable goods	11.3	10.9	10.6	9.8	9.9	9.7	10.0	9.2	8.0	8.1	7.1	7.6	7.3
Transportation and public utilities	6.3	5.8	5.6	5.6	5.8	5.6	4.9	5.1	4.9	4.7	4.5	4.1	5.3
Wholesale and retail trade	8.8	8.5	8.4	8.9	8.9	9.1	9.4	9.4	8.7	8.4	8.7	8.3	8.1
Finance and service industries	7.0	6.6	6.5	6.2	6.5	7.0	7.0	7.0	7.0	6.8	6.1	6.2	6.4
Government workers	4.8	3.9	4.1	4.0	4.1	4.3	4.0	4.4	4.2	4.4	4.5	5.0	4.8
Agricultural wage and salary workers	9.6	10.1	9.3	10.5	10.6	10.7	10.2	12.4	10.8	10.6	11.8	11.6	13.1

<sup>1</sup> Unemployment rate calculated as a percent of civilian labor force.<sup>3</sup> Includes mining, not shown separately.<sup>2</sup> Aggregate hours lost by the unemployed and persons on part-time for economic reasons as a percent of potentially available labor force hours.

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

[Numbers in thousands]

Weeks of unemployment	1975								1976				
	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May
Less than 5 weeks	3,081	2,733	2,868	2,758	2,820	3,015	2,641	2,648	2,706	2,686	2,609	2,979	2,855
5 to 14 weeks	2,589	2,511	2,141	2,449	2,444	2,446	2,469	2,244	2,091	1,856	1,905	1,883	1,947
15 weeks and over	2,529	2,751	2,954	2,878	2,934	2,719	3,004	3,080	2,785	2,515	2,294	2,035	1,998
15 to 26 weeks	1,479	1,480	1,600	1,431	1,352	1,238	1,286	1,413	1,155	957	903	669	830
27 weeks and over	1,050	1,271	1,354	1,447	1,582	1,481	1,718	1,667	1,630	1,558	1,391	1,366	1,168
Average (mean) duration, in weeks	13.3	15.3	15.1	15.5	16.2	15.6	16.9	17.0	16.9	16.2	15.8	15.7	15.0
<b>Percent distribution</b>													
Total unemployed	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Less than 5 weeks	37.6	34.2	36.0	34.1	34.4	36.9	32.5	33.2	35.7	38.1	38.3	43.2	42.0
5 to 14 weeks	31.6	31.4	26.9	30.3	29.8	29.9	30.4	28.1	27.6	26.3	28.0	27.3	28.6
15 weeks and over	30.8	34.4	37.1	35.6	35.8	33.2	37.0	38.6	36.7	35.6	33.7	29.5	29.4
15 to 26 weeks	18.0	18.5	20.1	17.7	16.5	15.1	15.8	17.7	15.2	13.6	13.3	9.7	12.2
27 weeks and over	12.8	15.9	17.0	17.9	19.3	18.1	21.2	20.9	21.5	22.1	20.4	19.8	17.2

**HOUSEHOLD DATA  
SEASONALLY ADJUSTED**

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

Sex and age	1975								1976				
	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May
<b>Total, 16 years and over</b> .....	8.9	8.7	8.7	8.5	8.6	8.6	8.5	8.3	7.8	7.6	7.5	7.5	7.3
16 to 19 years .....	20.3	20.7	20.5	20.7	19.4	19.8	19.0	19.6	19.9	19.2	19.1	19.2	18.5
16 to 17 years .....	21.6	21.4	21.5	22.8	22.0	21.9	20.1	20.6	21.2	21.4	20.0	20.8	21.9
18 to 19 years .....	19.6	19.5	19.4	19.4	18.2	18.2	18.1	18.9	19.0	17.5	18.6	18.2	16.4
20 to 24 years .....	14.4	12.9	13.7	13.4	13.9	14.0	14.2	13.5	12.7	12.1	12.1	11.8	11.1
25 years and over .....	6.3	6.5	6.3	6.0	6.2	6.3	6.1	5.9	5.4	5.3	5.1	5.1	5.0
25 to 54 years .....	6.8	6.9	6.7	6.4	6.5	6.6	6.4	6.2	5.5	5.5	5.2	5.3	5.3
55 years and over .....	4.9	4.8	4.8	4.7	4.7	4.9	5.0	5.0	4.5	4.8	4.8	4.6	4.2
<b>Males, 16 years and over</b> .....	8.3	8.3	8.3	8.0	8.2	8.3	8.1	7.6	7.1	6.9	6.8	6.7	6.8
16 to 19 years .....	20.1	22.1	21.1	20.8	19.3	19.8	18.8	19.0	20.1	19.3	19.3	20.1	19.4
16 to 17 years .....	21.6	22.9	22.4	22.9	22.2	21.6	19.6	19.3	21.5	21.0	20.8	21.5	23.1
18 to 19 years .....	19.0	20.7	19.8	19.5	17.9	18.2	18.2	18.7	19.6	17.8	18.4	19.1	16.9
20 to 24 years .....	15.1	13.9	14.9	14.5	15.3	15.1	14.6	13.8	12.8	11.9	12.0	11.2	11.3
25 years and over .....	5.7	5.8	5.8	5.5	5.8	6.0	5.8	5.4	4.7	4.6	4.5	4.5	4.4
25 to 54 years .....	6.1	6.2	6.1	5.9	6.1	6.2	6.0	5.6	4.8	4.6	4.3	4.6	4.5
55 years and over .....	4.7	4.6	4.5	4.5	4.6	4.6	4.8	4.7	4.2	4.6	5.0	4.4	4.4
<b>Females, 16 years and over</b> .....	9.8	9.4	9.3	9.3	9.1	9.2	9.1	9.3	8.9	8.7	8.6	8.5	8.0
16 to 19 years .....	20.6	19.0	19.7	20.5	19.6	19.9	19.1	20.3	19.6	19.1	18.9	18.1	17.5
16 to 17 years .....	21.5	19.4	20.3	22.6	21.7	22.3	20.7	22.2	20.8	21.7	19.1	19.9	20.5
18 to 19 years .....	20.3	18.3	18.8	19.3	18.5	18.2	17.9	19.1	18.4	17.2	18.8	17.1	15.9
20 to 24 years .....	13.4	11.7	12.2	12.0	12.1	12.7	13.7	13.1	12.7	12.2	12.2	12.6	10.8
25 years and over .....	7.4	7.5	7.1	6.8	6.8	6.8	6.7	6.8	6.4	6.4	6.2	6.1	6.0
25 to 54 years .....	7.9	8.0	7.5	7.4	7.2	7.3	7.0	7.2	6.6	6.9	6.5	6.5	6.4
55 years and over .....	5.2	5.2	5.2	5.1	4.7	5.4	5.3	5.4	5.1	5.0	4.5	4.9	4.0

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

[Numbers in thousands]

Reason for unemployment	1975								1976				
	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May
<b>NUMBER OF UNEMPLOYED</b>													
Job losers .....	4,745	4,738	4,715	4,588	4,797	4,531	4,444	3,955	3,481	3,440	3,502	3,499	3,461
Job leavers .....	868	784	815	792	824	829	872	862	849	848	760	831	881
Reentrants .....	1,974	1,860	1,808	1,873	1,808	1,892	1,846	1,975	1,985	1,864	1,857	1,833	1,781
New entrants .....	821	717	835	909	812	844	837	865	886	849	853	894	856
<b>PERCENT DISTRIBUTION</b>													
Total unemployed .....	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Job losers .....	56.4	58.5	57.7	56.2	58.2	56.0	55.6	51.7	48.3	49.1	50.2	49.6	49.6
Job leavers .....	10.3	9.7	10.0	9.7	10.0	10.2	10.9	11.3	11.8	12.1	10.9	11.8	12.6
Reentrants .....	23.5	23.0	22.1	22.9	21.9	23.4	23.1	25.8	27.6	26.6	26.6	26.0	25.5
New entrants .....	9.8	8.9	10.2	11.1	9.9	10.4	10.5	11.3	12.3	12.1	12.2	12.7	12.3
<b>UNEMPLOYED AS A PERCENT OF THE CIVILIAN LABOR FORCE</b>													
Job losers .....	5.1	5.1	5.1	4.9	5.2	4.9	4.8	4.2	3.7	3.7	3.7	3.7	3.7
Job leavers .....	.9	.8	.9	.8	.9	.9	.9	.9	.9	.9	.8	.9	.9
Reentrants .....	2.1	2.0	1.9	2.0	1.9	2.0	2.0	2.1	2.1	2.0	2.0	1.9	1.9
New entrants .....	.9	.8	.9	1.0	.9	.9	.9	.9	.9	.9	.9	.9	.9

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

[Numbers in thousands]

Sex and age	1975								1976				
	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May
<b>Total, 16 years and over</b> .....	84,519	84,498	84,967	85,288	85,158	85,151	85,178	85,394	86,194	86,319	86,692	87,399	87,697
16 to 19 years .....	7,106	6,982	7,033	7,026	7,091	7,017	7,038	7,053	7,138	7,157	7,213	7,352	7,437
16 to 17 years .....	2,885	2,861	2,893	2,873	2,883	2,872	2,920	2,887	2,973	2,877	2,921	2,998	2,914
18 to 19 years .....	4,189	4,125	4,173	4,153	4,225	4,150	4,121	4,162	4,197	4,281	4,267	4,360	4,483
20 to 24 years .....	11,615	11,675	11,705	11,743	11,702	11,620	11,550	11,753	11,898	12,056	12,075	12,290	12,430
25 years and over .....	65,812	65,856	66,177	66,402	66,412	66,542	66,552	66,634	67,257	67,116	67,411	67,744	67,818
25 to 54 years .....	52,216	52,427	52,646	53,002	52,989	53,126	53,056	53,133	53,702	53,732	54,037	54,290	54,373
55 years and over .....	13,536	13,443	13,547	13,445	13,470	13,447	13,441	13,455	13,547	13,491	13,399	13,403	13,395
<b>Males, 16 years and over</b> .....	51,195	50,978	51,280	51,446	51,334	51,300	51,325	51,390	51,761	51,870	51,944	52,490	52,554
16 to 19 years .....	3,859	3,728	3,799	3,791	3,818	3,787	3,804	3,804	3,845	3,873	3,863	3,966	3,958
16 to 17 years .....	1,607	1,575	1,600	1,585	1,581	1,581	1,608	1,587	1,610	1,573	1,565	1,666	1,557
18 to 19 years .....	2,220	2,164	2,229	2,199	2,254	2,210	2,196	2,211	2,230	2,300	2,279	2,302	2,362
20 to 24 years .....	6,338	6,303	6,333	6,355	6,342	6,332	6,303	6,418	6,525	6,675	6,638	6,795	6,836
25 years and over .....	40,996	40,953	41,115	41,219	41,202	41,204	41,227	41,205	41,466	41,328	41,462	41,702	41,746
25 to 54 years .....	32,479	32,506	32,577	32,738	32,742	32,817	32,790	32,798	33,017	33,092	33,242	33,338	33,425
55 years and over .....	8,513	8,430	8,542	8,497	8,471	8,413	8,406	8,379	8,416	8,295	8,263	8,333	8,344
<b>Females, 16 years and over</b> .....	33,324	33,520	33,687	33,842	33,824	33,851	33,853	34,004	34,433	34,449	34,748c	34,909	35,143
16 to 19 years .....	3,247	3,254	3,234	3,235	3,273	3,230	3,234	3,249	3,293	3,284	3,350	3,386	3,479
16 to 17 years .....	1,278	1,286	1,293	1,288	1,302	1,291	1,312	1,300	1,363	1,304	1,356	1,332	1,357
18 to 19 years .....	1,969	1,961	1,944	1,954	1,971	1,940	1,925	1,951	1,967	1,981	1,988	2,058	2,121
20 to 24 years .....	5,277	5,372	5,372	5,388	5,360	5,288	5,247	5,335	5,373	5,381	5,437	5,495	5,594
25 years and over .....	24,816	24,903	25,062	25,183	25,210	25,338	25,325	25,429	25,791	25,788	25,949	26,042	26,072
25 to 54 years .....	19,737	19,921	20,069	20,264	20,247	20,309	20,266	20,335	20,685	20,640	20,795	20,952	20,948
55 years and over .....	5,023	5,013	5,005	4,948	4,999	5,034	5,035	5,076	5,131	5,196	5,136	5,070	5,051

c = corrected.

**HOUSEHOLD DATA  
SEASONALLY ADJUSTED**

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

[In thousands]

Selected categories	1975								1976				
	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May
<b>Total employed</b> .....	84,519	84,498	84,967	85,288	85,158	85,151	85,178	85,394	86,194	86,319	86,692	87,399	87,697
Household heads .....	49,975	49,940	50,191	50,437	50,279	50,258	50,316	50,332	50,628	50,737	50,789	51,165	51,200
Married men, spouse present .....	37,888	37,821	37,946	38,012	37,948	37,921	37,858	37,739	37,996	37,931	38,087	38,205	38,215
Married women, spouse present .....	19,381	19,467	19,584	19,603	19,758	19,799	19,833	19,859	20,065	19,976	20,001	20,073	20,280
<b>Occupation</b>													
White collar workers .....	42,184	42,373	42,405	42,536	42,540	42,386	42,253	42,326	42,797	43,028	43,458	43,433	43,792
Professional and technical Managers and administrators, except farm .....	12,788	12,721	12,937	12,944	12,814	12,773	12,795	13,026	13,166	13,094	13,204	13,004	13,262
Sales workers .....	8,845	8,953	8,725	8,970	9,215	9,027	9,077	8,837	9,044	9,135	9,300	9,387	9,200
Clerical workers .....	5,510	5,577	5,567	5,521	5,493	5,515	5,269	5,296	5,224	5,333	5,398	5,488	5,562
Blue-collar workers .....	15,041	15,122	15,176	15,101	15,018	15,071	15,112	15,167	15,363	15,466	15,556	15,554	15,768
Craft and kindred workers .....	27,808	27,782	27,802	27,968	27,936	28,105	28,126	28,408	28,759	28,725	28,545	29,110	29,115
Operatives .....	10,876	10,897	10,977	11,051	10,907	11,104	11,018	11,265	11,266	11,297	11,030	11,161	11,268
Nonfarm laborers .....	12,756	12,701	12,684	12,807	12,899	12,915	13,010	13,043	13,303	13,214	13,191	13,508	13,514
Service workers .....	4,176	4,184	4,141	4,110	4,130	4,086	4,098	4,100	4,190	4,214	4,324	4,441	4,333
Farm workers .....	11,485	11,601	11,661	11,676	11,739	11,759	11,872	11,837	11,926	11,848	11,781	11,858	11,981
Farm workers .....	3,073	2,942	3,023	3,008	3,040	2,975	2,838	2,782	2,868	2,772	2,712	2,922	2,833
<b>Major industry and class of worker</b>													
<b>Agriculture:</b>													
Wage and salary workers .....	1,290	1,277	1,342	1,361	1,347	1,303	1,262	1,231	1,300	1,295	1,317	1,388	1,286
Self-employed workers .....	1,754	1,731	1,717	1,702	1,753	1,710	1,687	1,663	1,649	1,596	1,568	1,641	1,672
Unpaid family workers .....	460	379	400	397	411	408	349	300	331	300	284	394	359
<b>Nonagricultural industries:</b>													
Wage and salary workers .....	74,910	75,098	75,343	75,711	75,716	75,760	75,468	76,038	76,568	77,023	77,376	77,834	78,134
Private households .....	1,396	1,468	1,350	1,366	1,320	1,349	1,307	1,309	1,287	1,200	1,308	1,351	1,294
Government .....	14,424	14,512	14,723	14,805	14,551	14,443	14,628	14,719	14,779	14,891	14,980	14,796	14,850
Other .....	59,090	59,118	59,270	59,540	59,845	59,968	59,533	60,010	60,502	60,932	61,088	61,687	61,990
Self-employed workers .....	5,574	5,619	5,645	5,633	5,621	5,531	5,991	5,683	5,693	5,684	5,594	5,608	5,778
Unpaid family workers .....	503	405	415	457	478	478	540	510	528	490	444	463	460
<b>Persons at work<sup>1</sup></b>													
Nonagricultural industries .....	76,022	76,346	75,187	76,323	76,784	76,822	77,103	77,380	78,506	78,399	78,167	77,413	79,056
Full-time schedules .....	61,969	61,861	61,035	62,198	62,838	62,824	63,141	63,730	64,211	64,381	64,328	63,708	64,947
Part time for economic reasons .....	3,750	3,422	3,277	3,234	3,291	3,361	3,353	3,243	3,482	3,262	3,266	3,248	3,382
Usually work full time .....	1,737	1,569	1,526	1,436	1,409	1,459	1,405	1,332	1,415	1,308	1,230	1,342	1,457
Usually work part time .....	2,013	1,853	1,751	1,798	1,882	1,902	1,948	1,911	2,067	1,954	2,036	1,906	1,925
Part time for noneconomic reasons .....	10,303	11,063	10,875	10,891	10,655	10,637	10,609	10,407	10,813	10,755	10,573	10,457	10,727

<sup>1</sup> 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	May 1975	Apr. 1976	May 1976	Seasonally adjusted					
				May 1975	June 1975	Feb. 1976	Mar. 1976	Apr. 1976	May 1976
<b>VETERANS<sup>1</sup></b>									
<b>Total, 20 to 34 years:</b>									
Civilian noninstitutional population <sup>2</sup>	6,423	6,657	6,670	6,423	6,629	6,644	6,647	6,657	6,670
Civilian labor force	5,998	6,257	6,286	6,038	6,218	6,214	6,230	6,279	6,325
Employed	5,450	5,791	5,838	5,475	5,716	5,727	5,791	5,860	5,865
Unemployed	548	466	448	563	502	487	439	419	460
Unemployment rate	9.1	7.4	7.1	9.3	8.1	7.8	7.0	6.7	7.3
<b>20 to 24 years</b>									
Civilian noninstitutional population <sup>2</sup>	1,187	1,095	1,089	1,187	1,103	1,096	1,103	1,095	1,089
Civilian labor force	1,034	942	930	1,041	903	921	938	956	934
Employed	828	796	797	828	732	756	792	815	797
Unemployed	206	146	133	213	171	165	146	141	137
Unemployment rate	19.9	15.5	14.3	20.5	18.9	17.9	15.6	14.7	14.7
<b>25 to 29 years</b>									
Civilian noninstitutional population <sup>2</sup>	3,486	3,355	3,329	3,486	3,453	3,429	3,382	3,355	3,329
Civilian labor force	3,273	3,172	3,153	3,290	3,295	3,234	3,205	3,173	3,171
Employed	3,034	2,948	2,941	3,054	3,060	3,006	2,992	2,975	2,962
Unemployed	239	224	212	236	235	228	213	198	209
Unemployment rate	7.3	7.1	6.7	7.2	7.1	7.1	6.6	6.2	6.6
<b>30 to 34 years</b>									
Civilian noninstitutional population <sup>2</sup>	1,750	2,207	2,252	1,750	2,073	2,119	2,162	2,207	2,252
Civilian labor force	1,691	2,143	2,203	1,707	2,020	2,059	2,087	2,150	2,220
Employed	1,588	2,047	2,100	1,593	1,924	1,965	2,007	2,070	2,106
Unemployed	103	96	103	114	96	94	80	80	114
Unemployment rate	6.1	4.5	4.7	6.7	4.8	4.6	3.8	3.7	5.1
<b>NONVETERANS</b>									
<b>Total, 20 to 34 years:</b>									
Civilian noninstitutional population <sup>2</sup>	15,769	16,566	16,640	15,769	16,349	16,415	16,495	16,566	16,640
Civilian labor force	14,110	14,737	14,914	14,288	14,594	14,763	14,834	14,958	15,099
Employed	12,686	13,527	13,760	12,815	13,312	13,537	13,598	13,779	13,906
Unemployed	1,424	1,210	1,154	1,473	1,282	1,226	1,236	1,179	1,193
Unemployment rate	10.1	8.2	7.7	10.3	8.8	8.3	8.3	7.9	7.9
<b>20 to 24 years</b>									
Civilian noninstitutional population <sup>2</sup>	7,527	7,861	7,885	7,527	7,802	7,824	7,833	7,861	7,885
Civilian labor force	6,289	6,499	6,638	6,432	6,584	6,678	6,631	6,711	6,786
Employed	5,406	5,772	5,928	5,515	5,794	5,945	5,847	5,988	6,049
Unemployed	883	727	710	917	790	733	784	723	737
Unemployment rate	14.0	11.2	10.7	14.3	12.0	11.0	11.8	10.8	10.9
<b>25 to 29 years</b>									
Civilian noninstitutional population <sup>2</sup>	4,368	4,909	4,972	4,368	4,708	4,767	4,851	4,909	4,972
Civilian labor force	4,121	4,609	4,655	4,151	4,392	4,455	4,589	4,620	4,687
Employed	3,789	4,322	4,384	3,807	4,072	4,160	4,313	4,344	4,406
Unemployed	332	287	271	344	320	295	276	276	281
Unemployment rate	8.1	6.2	5.8	8.3	7.3	6.6	6.0	6.0	6.0
<b>30 to 34 years</b>									
Civilian noninstitutional population <sup>2</sup>	3,874	3,796	3,783	3,874	3,839	3,824	3,811	3,796	3,783
Civilian labor force	3,700	3,629	3,621	3,705	3,618	3,630	3,614	3,627	3,626
Employed	3,491	3,433	3,448	3,493	3,446	3,432	3,438	3,447	3,451
Unemployed	209	196	173	212	172	198	176	180	175
Unemployment rate	5.6	5.4	4.8	5.7	4.8	5.5	4.9	5.0	4.8

<sup>1</sup> Vietnam-era veterans are those who served after August 4, 1964.

appear in the unadjusted and seasonally adjusted columns.

<sup>2</sup> 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	20,099	925	1,567	17,602	22,359	3,467	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	1,989	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	2,162	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	3,950	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.....	76,896	24,727	644	4,015	20,068	52,169	4,644	16,674	4,107	12,568	4,091	13,021	13,739	2,663	11,075
1974.....	78,413	24,697	694	3,957	20,046	53,715	4,696	17,017	4,223	12,794	4,208	13,617	14,177	2,724	11,453
1975.....	76,985	22,549	745	3,457	18,347	54,436	4,498	16,947	4,177	12,771	4,223	13,995	14,773	2,748	12,025
May.....	76,689	22,250	740	3,439	18,071	54,439	4,487	16,819	4,142	12,677	4,208	13,986	14,939	2,741	12,198
June.....	77,183	22,566	756	3,555	18,255	54,617	4,523	16,971	4,178	12,793	4,248	14,079	14,796	2,771	12,025
July.....	76,439	22,370	758	3,605	18,007	54,069	4,504	16,936	4,190	12,746	4,266	14,144	14,219	2,800	11,419
Aug.....	76,900	22,901	763	3,688	18,450	53,999	4,493	16,959	4,192	12,767	4,273	14,162	14,112	2,775	11,337
Sept.....	77,614	23,111	758	3,659	18,694	54,503	4,503	17,084	4,194	12,890	4,243	14,113	14,560	2,746	11,814
Oct.....	78,193	23,070	763	3,620	18,687	55,123	4,503	17,136	4,209	12,927	4,238	14,185	15,061	2,742	12,131
Nov.....	78,339	22,920	763	3,522	18,635	55,419	4,509	17,313	4,207	13,106	4,235	14,174	15,188	2,742	12,446
Dec.....	78,527	22,685	763	3,338	18,584	55,842	4,477	17,737	4,215	13,522	4,243	14,158	15,227	2,771	12,456
1976:															
Jan.....	77,091	22,312	756	3,061	18,495	54,779	4,440	17,026	4,189	12,837	4,223	14,049	15,041	2,724	12,317
Feb.....	77,339	22,311	752	3,014	18,545	55,028	4,445	16,926	4,189	12,737	4,228	14,188	15,241	2,726	12,515
Mar.....	77,906	22,541	759	3,103	18,679	55,365	4,462	17,028	4,194	12,834	4,246	14,307	15,322	2,724	12,598
Apr.....	78,666	22,838	767	3,263	18,808	55,828	4,476	17,295	4,211	13,084	4,273	14,488	15,296	2,730	12,566
May.....	79,192	23,012	773	3,402	18,837	56,180	4,493	17,423	4,235	13,188	4,285	14,661	15,318	2,737	12,581

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**

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

(In thousands)

SIC Code	Industry	All employees					Production workers <sup>1</sup>				
		Apr. 1975	May 1975	Mar. 1976	Apr. 1976 <sup>p</sup>	May 1976 <sup>p</sup>	Apr. 1975	May 1975	Mar. 1976	Apr. 1976 <sup>p</sup>	May 1976 <sup>p</sup>
-	<b>TOTAL</b> .....	76,177	76,689	77,906	78,666	79,192	-	-	-	-	-
-	<b>PRIVATE SECTOR</b> .....	61,269	61,750	62,584	63,370	63,874	50,138	50,601	51,361	52,080	52,536
-	<b>MINING</b> .....	726	740	759	767	773	548	562	574	582	585
10	<b>METAL MINING</b> .....	91.7	91.9	89.6	91.0	-	71.7	71.8	68.9	70.1	-
101	Iron ores .....	25.2	25.6	24.2	25.0	-	20.4	20.8	19.5	20.1	-
102	Copper ores .....	37.1	36.4	33.9	34.2	-	28.5	27.8	25.5	25.9	-
11,12	<b>COAL MINING</b> .....	195.0	200.6	213.3	215.0	-	165.3	171.2	182.7	184.1	-
12	Bituminous coal and lignite mining .....	193.2	196.8	209.4	211.2	-	164.0	167.8	179.4	180.8	-
13	<b>OIL AND GAS EXTRACTION</b> .....	325.4	329.1	345.7	347.1	-	222.0	225.5	236.4	237.1	-
131,2	Crude petroleum and natural gas fields .....	155.5	157.3	160.8	160.9	-	80.0	81.0	81.3	81.8	-
138	Oil and gas field services .....	169.9	171.8	184.9	186.2	-	142.0	144.5	155.1	155.3	-
14	<b>NONMETALLIC MINERALS, EXCEPT FUELS</b> .....	113.4	118.4	110.0	114.1	-	89.3	93.9	85.9	90.2	-
142	Crushed and broken stone .....	39.9	42.0	37.1	39.9	-	32.1	34.0	29.8	32.6	-
144	Sand and gravel .....	33.7	36.2	32.3	33.6	-	-	-	-	-	-
-	<b>CONTRACT CONSTRUCTION</b> .....	3,310	3,439	3,103	3,263	3,402	2,621	2,747	2,411	2,563	2,687
15	<b>GENERAL BUILDING CONTRACTORS</b> .....	1,008.6	1,034.7	937.8	968.8	-	791.4	814.7	718.6	749.1	-
16	<b>HEAVY CONSTRUCTION CONTRACTORS</b> .....	640.7	718.3	560.1	643.4	-	520.2	597.2	439.6	520.3	-
161	Highway and street construction .....	256.1	318.3	208.0	266.2	-	213.7	275.1	165.7	221.8	-
162	Heavy construction, nec .....	384.6	400.0	352.1	377.2	-	306.5	322.1	273.9	298.5	-
17	<b>SPECIAL TRADE CONTRACTORS</b> .....	1,660.4	1,685.5	1,605.2	1,651.1	-	1,309.1	1,335.4	1,252.5	1,293.5	-
171	Plumbing, heating, air conditioning .....	406.4	401.6	392.0	389.5	-	306.9	302.2	296.0	290.0	-
172	Painting, paper hanging, decorating .....	115.9	126.1	104.8	114.6	-	97.7	107.5	87.6	97.4	-
173	Electrical work .....	309.6	310.8	301.7	303.1	-	241.4	242.2	233.6	235.6	-
174	Masonry, stonework, and plastering .....	190.0	190.0	173.7	179.7	-	164.6	164.6	148.6	154.4	-
176	Roofing and sheet metal work .....	114.4	117.2	112.4	116.6	-	91.2	94.1	89.1	92.7	-
-	<b>MANUFACTURING</b> .....	18,000	18,071	18,679	18,808	18,837	12,731	12,807	13,409	13,527	13,542
19,24,25, 32-39	<b>DURABLE GOODS</b> .....	10,583	10,581	10,835	10,940	11,015	7,443	7,447	7,712	7,811	7,875
20-23, 26-31	<b>NONDURABLE GOODS</b> .....	7,417	7,490	7,844	7,868	7,822	5,288	5,360	5,697	5,716	5,667
	<b>DURABLE GOODS</b>										
19	<b>ORDNANCE AND ACCESSORIES</b> .....	174.2	173.4	160.4	159.3	157.8	82.7	82.0	73.0	72.2	71.0
192	Ammunition, except for small arms .....	117.4	116.9	105.1	103.8	102.3	45.4	45.0	37.5	36.7	35.6
1925	Complete guided missiles .....	90.9	90.9	86.7	86.0	-	25.3	25.3	24.3	24.0	-
1929	Ammunition, exc. for small arms, nec .....	26.5	26.0	18.4	17.8	-	20.1	19.7	13.2	12.7	-
24	<b>LUMBER AND WOOD PRODUCTS</b> .....	527.1	545.9	578.9	587.7	600.3	436.0	454.6	482.5	491.4	502.7
241	Logging camps and logging contractors .....	61.5	66.4	70.2	70.7	73.2	-	-	-	-	-
242	Sawmills and planing mills .....	188.4	195.5	202.8	203.9	207.9	165.5	172.0	178.6	180.6	184.1
2421	Sawmills and planing mills, general .....	162.0	168.5	172.1	173.4	-	142.6	148.4	151.2	153.4	-
243	Millwork, plywood and related products .....	169.0	175.5	191.7	196.3	201.2	134.9	141.3	158.6	162.8	167.3
2431	Millwork .....	72.5	74.2	87.1	88.6	-	57.1	59.1	71.5	73.0	-
2432	Veneer and plywood .....	65.3	67.7	71.8	72.8	-	56.6	58.9	64.2	64.9	-
244	Wooden containers .....	20.8	21.4	21.3	21.7	22.4	18.3	18.8	18.8	18.9	19.4
2441,2	Wooden boxes, shooks, and crates .....	16.9	17.3	17.1	17.5	-	15.0	15.4	15.1	15.2	-
249	Miscellaneous wood products .....	87.4	87.1	92.9	95.1	95.6	69.9	69.8	74.5	76.4	76.7

See footnotes at end of table.

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

(In thousands)

SIC Code	Industry	All employees					Production workers <sup>1</sup>				
		Apr. 1975	May 1975	Mar. 1976	Apr. 1976 <sup>p</sup>	May 1976 <sup>p</sup>	Apr. 1975	May 1975	Mar. 1976	Apr. 1976 <sup>p</sup>	May 1976 <sup>p</sup>
<b>DURABLE GOODS—Continued</b>											
25	FURNITURE AND FIXTURES .....	431.4	435.0	483.4	487.7	491.3	345.3	349.7	395.9	399.4	403.5
251	Household furniture .....	304.2	309.1	350.6	353.7	356.5	251.6	257.0	296.3	298.9	301.8
2511	Wood household furniture .....	154.4	157.4	177.7	179.8	—	133.3	136.7	155.4	156.8	—
2512	Upholstered household furniture .....	87.4	88.6	102.5	103.2	—	70.9	72.2	85.0	85.8	—
2515	Mattresses and bedspings .....	31.7	31.9	33.3	33.4	—	23.6	23.8	25.5	25.6	—
252	Office furniture .....	34.6	34.0	37.0	37.2	—	26.0	25.6	28.9	29.2	—
254	Partitions and fixtures .....	47.9	47.1	51.3	51.5	—	35.0	34.4	38.1	38.2	—
253,9	Other furniture and fixtures .....	44.7	44.8	44.5	45.3	45.7	32.7	32.7	32.6	33.1	33.8
<b>STONE, CLAY, AND GLASS PRODUCTS</b>											
32	Flat glass .....	602.8	610.9	602.9	617.3	625.3	473.1	480.4	477.3	490.9	498.3
321	Household glass .....	15.4	15.2	16.4	16.2	—	10.7	10.6	13.1	12.9	—
322	Glass and glassware, pressed or blown .....	122.8	122.5	128.4	129.3	131.7	104.7	104.4	110.5	111.5	114.0
3221	Glass containers .....	70.4	71.0	74.2	75.2	—	61.6	62.3	65.1	66.2	—
3229	Pressed and blown glass, nec .....	52.4	51.5	54.2	54.1	—	43.1	42.1	45.4	45.3	—
324	Cement, hydraulic .....	29.8	30.2	28.1	29.7	30.0	23.3	23.8	22.0	23.8	23.8
325	Structural clay products .....	47.1	47.9	45.7	46.6	47.9	37.5	38.4	36.3	37.5	38.6
3251	Brick and structural clay tile .....	19.0	20.2	20.1	21.0	—	15.7	16.9	16.6	17.6	—
326	Pottery and related products .....	42.1	42.3	43.6	44.2	—	34.7	35.0	36.8	37.5	—
327	Concrete, gypsum, and plaster products .....	183.6	191.2	176.0	185.5	189.6	141.3	148.3	134.5	143.1	147.2
328,9	Other stone and nonmetallic mineral products .....	130.4	129.0	129.2	130.7	130.5	97.4	95.6	97.2	98.5	98.3
3291	Abrasive products .....	24.0	23.4	23.8	23.9	—	16.6	16.0	16.9	17.1	—
<b>PRIMARY METAL INDUSTRIES</b>											
33	Blast furnace and basic steel products .....	1,192.3	1,174.9	1,169.4	1,182.6	1,187.5	928.1	912.8	914.8	928.7	934.3
331	Blast furnaces .....	558.6	545.7	527.9	540.4	(*)	435.4	423.6	410.7	423.5	(*)
3312	Blast furnaces and steel mills .....	482.6	471.3	456.7	467.7	—	378.0	367.6	357.0	368.3	—
332	Iron and steel foundries .....	228.8	223.7	219.2	215.5	215.1	188.9	183.9	180.4	177.3	176.6
3321	Gray iron foundries .....	140.2	136.6	138.8	135.8	—	117.8	114.3	116.1	113.9	—
3322	Malleable iron foundries .....	21.9	22.0	20.6	21.4	—	16.9	17.2	16.5	17.3	—
3323	Steel foundries .....	66.7	65.1	59.8	58.3	—	54.2	52.4	47.8	46.1	—
333,4	Nonferrous metals .....	82.4	81.7	81.8	83.3	83.6	62.0	61.5	62.0	63.3	63.7
3334	Primary aluminum .....	28.9	28.8	30.5	32.0	—	22.7	22.7	24.4	25.7	—
335	Nonferrous rolling and drawing .....	176.6	177.8	189.9	193.1	194.6	125.2	127.0	139.5	143.2	144.3
3351	Copper rolling and drawing .....	31.2	32.2	34.5	35.4	—	22.4	23.4	26.2	27.0	—
3352	Aluminum rolling and drawing .....	54.0	52.5	57.9	59.1	—	36.6	35.6	41.0	42.4	—
3357	Nonferrous wire drawing and insulating .....	73.5	75.4	77.8	79.4	—	53.6	55.8	58.2	59.9	—
336	Nonferrous foundries .....	73.4	73.4	78.3	77.6	78.0	59.4	59.6	65.0	63.9	64.5
3361	Aluminum castings .....	39.5	39.2	42.9	43.4	—	32.3	32.1	36.1	36.5	—
3362,9	Other nonferrous castings .....	33.9	34.2	35.4	34.2	—	27.1	27.5	28.9	27.4	—
339	Miscellaneous primary metal products .....	72.5	72.6	72.3	72.7	(*)	57.2	57.2	57.2	57.5	(*)
3391	Iron and steel forgings .....	49.3	49.0	47.7	47.6	—	39.5	39.1	37.8	37.7	—
<b>FABRICATED METAL PRODUCTS</b>											
34	Metal cans .....	1,320.9	1,318.2	1,364.5	1,377.6	1,382.8	982.0	979.9	1,025.4	1,039.0	1,042.9
341	Metal cans .....	61.6	63.1	61.8	63.8	64.4	52.8	54.3	52.9	55.2	55.7
342	Cutlery, hand tools, and hardware .....	153.4	152.1	164.2	165.8	165.9	115.7	114.7	126.7	128.1	128.4
3421,3,5	Cutlery and hand tools, including saws .....	69.0	66.8	69.9	70.0	—	52.4	50.3	53.4	53.5	—
3429	Hardware, nec .....	84.4	85.3	94.3	95.8	—	63.3	64.4	73.3	74.6	—
343	Plumbing and heating, except electric .....	60.8	62.3	68.6	68.7	68.6	42.6	44.1	50.5	50.5	50.1
3431,2	Sanitary ware and plumbers' brass goods .....	26.7	27.7	31.5	31.9	—	19.4	20.5	24.1	24.3	—
3433	Heating equipment, except electric .....	34.1	34.6	37.1	36.8	—	23.2	23.6	26.4	26.2	—
344	Fabricated structural metal products .....	447.1	446.6	439.1	443.1	444.3	309.3	309.3	302.2	306.5	306.7
3441	Fabricated structural steel .....	107.6	106.4	98.6	98.1	—	77.8	76.6	69.7	69.1	—
3442	Metal doors, sash, and trim .....	61.0	63.4	64.4	67.9	—	42.4	44.5	46.4	50.0	—
3443	Fabricated plate work (boiler shops) .....	142.6	141.6	139.4	138.5	—	95.4	94.3	90.7	90.0	—
3444	Sheet metal work .....	81.9	81.8	82.4	83.7	—	58.0	58.4	58.6	60.0	—
3446,9	Architectural and miscellaneous metal work .....	54.0	53.4	54.3	54.9	—	35.7	35.5	36.8	37.4	—
345	Screw machine products, bolts, etc .....	96.3	92.9	96.1	96.7	97.7	75.0	71.7	74.1	74.9	75.7
3451	Screw machine products .....	44.0	42.2	44.1	44.6	—	36.0	34.3	35.9	36.4	—
3452	Bolts, nuts, rivets, and washers .....	52.3	50.7	52.0	52.1	—	39.0	37.4	38.2	38.5	—
346	Metal stampings .....	202.8	205.4	225.2	227.4	229.8	161.1	163.3	183.1	185.5	187.7
347	Metal services, nec .....	81.6	80.2	88.3	89.4	89.9	65.8	64.5	71.9	72.7	73.5
348	Miscellaneous fabricated wire products .....	56.3	56.1	58.9	59.8	59.0	43.3	43.1	46.7	47.6	47.0
349	Miscellaneous fabricated metal products .....	161.0	159.5	162.3	162.9	163.2	116.4	114.9	117.3	118.0	118.1
3494,8	Valves, pipe, and pipe fittings .....	109.3	107.5	107.7	107.5	—	75.8	74.1	74.0	73.8	—

See footnotes at end of table.

**ESTABLISHMENT DATA  
EMPLOYMENT**

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

[In thousands]

SIC Code	Industry	All employees					Production workers <sup>1</sup>				
		Apr. 1975	May 1975	Mar. 1976	Apr. 1976 <sup>p</sup>	May 1976 <sup>p</sup>	Apr. 1975	May 1975	Mar. 1976	Apr. 1976 <sup>p</sup>	May 1976 <sup>p</sup>
<b>DURABLE GOODS--Continued</b>											
35	<b>MACHINERY, EXCEPT ELECTRICAL</b>	2,101.7	2,064.0	2,052.6	2,057.2	2,057.5	1,377.1	1,339.0	1,330.0	1,333.4	1,331.7
351	Engines and turbines	113.4	108.9	112.7	112.9	113.1	73.3	68.9	73.4	73.3	73.3
3511	Steam engines and turbines	43.1	42.9	42.7	43.1	-	22.8	22.6	22.8	22.8	-
3519	Internal combustion engines, nec	70.3	66.0	70.0	69.8	-	50.5	46.3	50.6	50.5	-
352	Farm machinery	160.4	153.1	151.1	150.0	-	117.1	110.1	107.6	106.4	-
353	Construction and related machinery	343.9	343.5	335.7	338.1	338.4	226.4	224.8	217.4	220.0	220.2
3531,2	Construction and mining machinery	190.5	188.6	179.1	180.9	-	126.6	124.7	115.6	117.3	-
3533	Oil field machinery	62.8	64.4	69.4	69.7	-	45.2	46.0	49.8	49.9	-
3535,6	Conveyors, hoists, cranes, monorails	45.0	45.2	45.6	46.3	-	27.5	27.3	27.6	28.1	-
3537	Industrial trucks and tractors	30.7	30.9	28.9	28.8	-	19.6	19.6	17.9	18.3	-
354	Metal working machinery	319.0	306.8	303.7	305.5	303.7	234.5	222.5	221.0	221.8	220.3
3541	Machine tools, metal cutting types	66.0	65.0	58.4	58.5	-	44.1	43.2	37.7	37.6	-
3544	Special dies, tools, jigs, and fixtures	117.6	114.3	119.0	119.7	-	94.1	91.1	95.4	95.7	-
3545	Machine tool accessories	56.9	55.7	53.0	53.6	-	41.6	40.4	37.8	38.0	-
3542,8	Miscellaneous metal working machinery	78.5	71.8	73.3	73.7	-	54.7	47.8	50.1	50.5	-
355	Special industry machinery	186.3	183.0	175.2	175.3	175.4	118.5	115.5	111.8	112.0	112.1
3551	Food products machinery	42.9	42.2	40.5	40.5	-	28.0	27.4	26.2	26.2	-
3552	Textile machinery	31.8	30.8	31.4	31.2	-	22.1	21.2	22.5	22.4	-
3555	Printing trades machinery	27.2	26.6	25.0	25.0	-	16.5	16.1	14.9	15.1	-
356	General industrial machinery	293.8	290.5	283.0	280.0	281.4	194.0	191.0	185.4	183.1	183.8
3561	Pumps and compressors	83.0	82.2	81.0	81.3	-	50.3	49.4	48.3	48.7	-
3562	Ball and roller bearings	55.1	53.8	53.5	50.0	-	42.2	40.7	40.7	38.0	-
3564	Blowers and fans	36.2	36.0	32.4	33.1	-	22.8	22.8	20.6	20.8	-
3566	Power transmission equipment	50.3	50.0	47.7	48.0	-	35.9	35.8	33.7	34.1	-
357	Office and computing machines	286.3	283.9	283.4	284.4	285.7	119.6	116.9	112.9	113.2	114.0
3573	Electronic computing equipment	214.0	212.6	212.5	213.3	-	74.4	72.7	70.4	70.8	-
358	Service industry machines	149.6	145.3	159.9	162.3	161.3	101.8	97.8	110.9	113.1	111.8
3585	Refrigeration machinery	101.9	99.1	111.7	114.0	-	70.6	67.7	79.1	81.3	-
359	Miscellaneous machinery, except electrical	249.0	249.0	247.9	248.7	249.9	191.9	191.5	189.6	190.5	191.4
36	<b>ELECTRICAL EQUIPMENT AND SUPPLIES</b>	1,731.8	1,724.6	1,799.4	1,812.9	1,821.0	1,111.3	1,104.2	1,182.3	1,196.5	1,204.9
361	Electric test and distributing equipment	194.1	189.6	191.6	192.8	194.0	128.4	124.8	127.2	128.5	129.7
3611	Electric measuring instruments	70.2	68.9	69.0	69.5	-	42.6	41.8	40.9	41.4	-
3612	Transformers	50.8	49.7	49.4	49.7	-	35.9	34.9	35.0	35.4	-
3613	Transformer and switchboard apparatus	73.1	71.0	73.2	73.6	-	49.9	48.1	51.3	51.7	-
362	Electrical industrial apparatus	201.5	197.8	207.6	209.4	212.3	138.8	135.7	146.8	149.1	151.9
3621	Motors and generators	99.0	96.6	103.8	104.4	-	71.4	69.5	77.5	78.4	-
3622	Industrial controls	63.6	63.0	64.4	65.4	-	40.4	39.9	41.4	42.7	-
363	Household appliances	144.5	147.0	164.1	167.7	168.5	106.9	109.4	127.4	130.8	131.6
3632	Household refrigerators and freezers	35.9	34.9	37.4	38.5	-	27.1	26.2	28.8	29.8	-
3633	Household laundry equipment	20.0	21.9	24.9	25.5	-	14.7	16.5	19.3	19.9	-
3634	Electric housewares and fans	41.3	42.9	46.8	47.9	-	30.9	32.3	36.6	37.7	-
364	Electric lighting and wiring equipment	177.3	176.5	191.4	194.2	195.1	133.4	132.7	146.4	149.1	150.2
3641	Electric lamps	34.8	34.6	35.9	36.6	-	30.9	30.6	31.9	32.5	-
3642	Lighting fixtures	57.6	57.2	63.8	64.1	-	43.5	42.9	48.9	49.4	-
3643,4	Wiring devices	84.9	84.7	91.7	93.5	-	59.0	59.2	65.6	67.2	-
365	Radio and TV receiving equipment	114.3	118.1	125.8	125.2	126.1	81.2	84.1	90.6	90.0	91.2
366	Communication equipment	438.4	433.1	420.8	419.7	418.9	221.7	216.4	208.1	208.1	207.8
3661	Telephone and telegraph apparatus	150.9	146.7	132.1	132.4	-	97.7	93.8	83.8	84.7	-
3662	Radio and TV communication equipment	287.5	286.4	288.7	287.3	-	124.0	122.6	124.3	123.4	-
367	Electronic components and accessories	337.4	338.1	361.2	364.5	365.9	206.3	206.5	230.7	233.7	234.9
3671,3	Electron tubes	43.6	43.9	41.9	41.9	-	28.3	28.5	27.4	27.4	-
3674,9	Other electronic components	293.8	294.2	319.3	322.6	-	178.0	178.0	203.3	206.3	-
369	Miscellaneous electrical equipment										
	and supplies	124.3	124.4	136.9	139.4	140.2	94.6	94.6	105.1	107.2	107.6
3694	Engine electrical equipment	65.1	64.8	71.0	71.8	-	51.2	50.8	56.0	56.5	-
37	<b>TRANSPORTATION EQUIPMENT</b>	1,627.2	1,658.8	1,707.2	1,734.7	1,758.6	1,124.4	1,158.9	1,210.1	1,232.7	1,250.5
371	Motor vehicles and equipment	752.8	763.9	830.6	848.7	(*)	572.8	585.8	647.9	661.9	(*)
3711	Motor vehicles	315.5	319.8	346.6	354.5	-	229.3	235.0	259.2	265.2	-
3712	Passenger car bodies	39.1	42.8	46.6	46.6	-	30.4	34.0	36.7	36.5	-
3713	Truck and bus bodies	38.1	38.8	37.5	38.5	-	29.3	29.9	28.4	29.3	-
3714	Motor vehicle parts and accessories	341.6	344.0	379.6	388.3	-	270.9	274.0	308.7	315.9	-
3715	Truck trailers	18.5	18.5	20.3	20.8	-	12.9	12.9	14.9	15.0	-
372	Aircraft and parts	508.7	524.5	490.1	486.6	484.8	265.3	282.2	255.7	253.7	251.0
3721	Aircraft	263.0	280.7	264.3	261.6	-	120.4	138.2	127.3	125.2	-
3722	Aircraft engines and engine parts	144.5	142.4	132.6	132.6	-	80.5	78.9	71.8	72.2	-
3723,9	Other aircraft parts and equipment	101.2	101.4	93.2	92.4	-	64.4	65.1	56.6	56.3	-
373	Ship and boat building and repairing	196.6	197.8	208.5	213.2	(*)	156.2	157.3	166.9	170.1	(*)
3731	Ship building and repairing	155.5	155.9	162.5	165.6	-	123.3	123.4	128.9	130.7	-

See footnotes at end of table.

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

(In thousands)

SIC Code	Industry	All employees					Production workers <sup>1</sup>				
		Apr. 1975	May 1975	Mar. 1976	Apr. 1976 <sup>P</sup>	May 1976 <sup>P</sup>	Apr. 1975	May 1975	Mar. 1976	Apr. 1976 <sup>P</sup>	May 1976 <sup>P</sup>
	<b>DURABLE GOODS—Continued</b>										
	<b>TRANSPORTATION EQUIPMENT—Continued</b>										
3732	Boat building and repairing .....	41.1	41.9	46.0	47.6	—	32.9	33.9	38.0	39.4	—
374	Railroad equipment .....	54.4	52.6	44.2	44.1	—	41.2	39.5	32.5	32.3	—
375.9	Other transportation equipment .....	114.7	120.0	133.8	142.1	—	88.9	94.1	107.1	114.7	—
38	<b>INSTRUMENTS AND RELATED PRODUCTS</b>	483.8	479.6	501.4	505.9	509.1	288.6	285.6	303.6	307.6	310.4
381	Engineering and scientific instruments .....	61.4	60.8	59.7	59.4	—	31.0	30.7	29.1	28.9	—
382	Mechanical measuring and control devices .....	106.3	106.0	115.3	117.3	117.7	65.0	64.6	72.8	74.7	75.0
3821	Mechanical measuring devices .....	74.6	74.4	75.8	76.1	—	44.1	43.8	44.6	45.2	—
3822	Automatic temperature controls .....	31.7	31.6	39.5	41.2	—	20.9	20.8	28.2	29.5	—
383.5	Optical and ophthalmic goods .....	59.5	58.5	62.4	63.1	64.0	40.1	39.4	42.4	42.7	43.4
385	Ophthalmic goods .....	38.4	37.8	40.9	41.5	—	27.7	27.3	30.0	30.3	—
384	Medical instruments and supplies .....	102.7	101.5	106.5	107.3	108.1	68.0	66.8	71.9	72.8	73.3
386	Photographic equipment and supplies .....	124.7	123.6	127.4	128.1	—	61.2	60.8	63.4	64.1	64.8
387	Watches, clocks, and watchcases .....	29.2	29.2	30.1	30.7	—	23.3	23.3	24.0	24.4	—
	<b>MISCELLANEOUS MANUFACTURING INDUSTRIES</b>	389.5	395.3	414.6	417.1	423.7	294.6	299.6	317.1	318.9	324.3
39	Jewelry, silverware, and plated ware .....	49.1	48.5	53.2	53.8	54.2	35.6	35.0	39.1	39.9	40.2
394	Toys and sporting goods .....	110.7	113.4	111.2	115.4	—	85.7	87.8	84.5	88.2	—
3941.3	Games, toys, dolls, and play vehicles .....	57.3	61.6	56.2	59.0	—	42.6	46.5	40.4	42.8	—
3949	Sporting and athletic goods, nec .....	53.4	51.8	55.0	56.4	—	43.1	41.3	44.1	45.4	—
395	Pens, pencils, office, and art supplies .....	32.9	33.9	35.4	34.8	—	22.8	24.1	25.4	24.5	—
396	Costume jewelry and notions .....	47.4	49.4	56.3	54.7	—	37.5	39.5	46.3	44.5	—
393.9	Other manufacturing industries .....	149.4	150.1	158.5	158.4	157.6	113.0	113.2	121.8	121.8	120.8
393	Musical instruments and parts .....	22.4	23.0	24.6	24.9	—	18.2	18.7	20.4	20.7	—
	<b>NONDURABLE GOODS</b>										
20	<b>FOOD AND KINDRED PRODUCTS</b>	1,588.9	1,611.5	1,626.9	1,630.8	1,641.4	1,053.7	1,073.0	1,089.8	1,090.5	1,099.8
201	Meat products .....	329.6	331.5	339.0	342.5	346.6	268.3	270.5	276.3	279.6	283.7
2011	Meat packing plants .....	165.1	165.2	167.4	167.4	—	132.6	132.9	134.2	134.3	—
2013	Sausages and other prepared meats .....	64.4	64.4	66.1	66.1	—	44.7	44.8	46.4	46.5	—
2015	Poultry dressing plants .....	100.1	101.9	105.5	109.0	—	91.0	92.8	95.7	98.8	—
202	Dairy products .....	196.9	199.1	190.9	193.7	195.1	100.3	102.1	99.7	101.2	102.4
2024	Ice cream and frozen desserts .....	22.8	23.9	22.0	23.4	—	12.2	13.0	12.4	12.9	—
2026	Fluid milk .....	128.7	129.3	123.3	123.9	—	54.3	54.8	53.2	53.7	—
203	Canned, cured, and frozen foods .....	244.6	253.4	258.4	259.1	—	197.5	205.2	210.0	210.3	—
2031.6	Canned, cured, and frozen sea foods .....	41.5	41.0	42.5	43.8	—	35.1	34.5	36.6	37.6	—
2032.3	Canned food, except sea foods .....	101.7	109.2	106.7	108.0	—	77.6	84.6	82.0	83.1	—
2037	Frozen fruits and vegetables .....	64.4	65.2	65.6	66.0	—	56.7	57.2	57.3	57.8	—
204	Grain mill products .....	134.0	135.7	139.9	139.9	(*)	92.8	93.9	97.5	97.5	(*)
2041	Flour and other grain mill products .....	25.8	26.0	26.2	26.2	—	18.4	18.4	18.6	18.7	—
2042	Prepared feeds for animals and fowls .....	68.8	70.1	73.1	72.5	—	44.6	45.7	48.5	47.7	—
205	Bakery products .....	230.7	233.5	237.1	237.7	237.4	130.0	132.3	135.3	135.6	135.0
2051	Bread, cake, and related products .....	192.4	195.0	196.6	197.7	—	100.5	102.5	103.3	104.1	—
2052	Cookies and crackers .....	38.3	38.5	40.5	40.0	—	29.5	29.8	32.0	31.5	—
206	Sugar .....	30.1	30.4	31.0	31.1	—	22.2	22.5	22.6	22.3	—
207	Confectionery and related products .....	66.3	68.2	76.1	73.9	73.1	49.3	51.1	58.2	56.1	55.2
2071	Confectionery products .....	48.0	49.6	56.1	54.4	—	36.3	37.8	43.7	42.1	—
208	Beverages .....	215.5	218.6	209.9	211.5	215.8	103.7	105.5	97.3	97.3	100.3
2082	Malt liquors .....	50.8	51.5	38.8	39.2	—	34.2	34.4	25.1	25.4	—
2086	Bottled and canned soft drinks .....	119.9	122.3	126.8	128.8	—	43.1	44.8	46.1	47.1	—
209	Miscellaneous foods and kindred products .....	141.2	141.1	144.6	141.4	141.2	89.6	89.9	92.9	90.6	90.2
21	<b>TOBACCO MANUFACTURES</b>	69.0	67.8	70.3	68.7	67.8	56.0	54.8	57.3	55.5	54.7
211	Cigarettes .....	43.9	44.2	45.7	46.3	—	35.5	35.8	37.2	37.7	—
212	Cigars .....	12.4	11.8	11.0	10.8	—	11.0	10.4	9.7	9.5	—
22	<b>TEXTILE MILL PRODUCTS</b>	863.2	884.4	962.9	970.7	972.4	744.7	765.6	841.2	848.7	849.0
221	Weaving mills, cotton .....	155.7	161.5	173.7	174.1	174.9	140.2	145.3	158.0	158.6	159.1
222	Weaving mills, synthetics .....	109.0	110.5	121.9	121.2	122.3	95.8	98.2	109.0	108.2	109.1
223	Weaving and finishing mills, wool .....	19.8	20.1	22.6	22.5	—	16.1	16.4	19.0	18.8	18.9
224	Narrow fabric mills .....	21.2	22.1	26.9	27.4	27.9	18.1	18.9	23.4	23.8	24.4
225	Knitting mills .....	235.6	240.3	256.3	261.5	262.2	201.6	206.2	220.6	225.5	225.7
2251	Women's hosiery, except socks .....	36.8	37.5	37.6	38.0	—	32.4	33.0	33.1	33.5	—
2252	Hosiery, nec .....	30.9	31.0	34.5	35.1	—	27.4	27.5	30.7	31.3	—
2253	Knit outerwear mills .....	69.4	69.9	74.5	76.3	—	58.3	58.9	63.2	64.9	—
2254	Knit underwear mills .....	34.3	35.4	38.8	39.7	—	29.6	30.8	33.9	34.6	—

See footnotes at end of table.

# ESTABLISHMENT DATA EMPLOYMENT

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

[In thousands]

SIC Code	Industry	All employees					Production workers <sup>1</sup>				
		Apr. 1975	May 1975	Mar. 1976	Apr. 1976 <sup>P</sup>	May 1976 <sup>P</sup>	Apr. 1975	May 1975	Mar. 1976	Apr. 1976 <sup>P</sup>	May 1976 <sup>P</sup>
<b>NONDURABLE GOODS—Continued</b>											
<b>TEXTILE MILL PRODUCTS—Continued</b>											
226	Textile finishing, except wool .....	74.4	75.8	82.9	82.9	83.0	62.2	63.6	70.6	70.6	70.6
227	Floor covering mills .....	55.2	56.2	59.4	60.2	—	43.4	44.3	46.5	47.3	—
228	Yarn and thread mills .....	131.2	136.2	153.0	154.0	154.9	118.1	123.1	139.7	141.1	141.7
229	Miscellaneous textile goods .....	61.1	61.7	66.2	66.9	(*)	49.2	49.6	54.4	54.8	(*)
23	<b>APPAREL AND OTHER TEXTILE PRODUCTS</b> .....	1, 191.0	1, 208.7	1, 322.9	1, 316.4	1, 318.4	1, 019.8	1, 037.0	1, 141.8	1, 134.8	1, 136.2
231	Men's and boys' suits and coats .....	84.6	86.3	88.9	87.4	89.6	73.2	75.3	77.8	76.6	78.9
232	Men's and boys' furnishings .....	337.0	345.7	382.4	384.5	386.6	286.3	296.0	329.3	331.2	333.4
2321	Men's and boys' shirts and nightwear .....	107.4	108.8	117.9	119.6	—	93.1	94.7	103.1	104.6	—
2327	Men's and boys' separate trousers .....	76.2	77.9	87.4	87.1	—	65.9	67.8	76.9	76.6	—
2328	Men's and boys' work clothing .....	81.0	83.9	93.4	93.3	—	65.8	69.4	77.5	77.3	—
233	Women's and misses' outerwear .....	380.1	376.8	411.0	403.4	395.6	333.1	328.4	361.9	354.1	346.4
2331	Women's and misses' blouses and waists .....	47.3	48.1	51.6	51.3	—	41.7	42.3	45.7	45.3	—
2335	Women's and misses' dresses .....	176.6	168.7	182.6	180.3	—	158.7	151.2	164.2	161.5	—
2337	Women's and misses' suits and coats .....	47.9	54.1	57.5	53.5	—	39.5	44.6	48.6	44.9	—
2339	Women's and misses' outerwear, nec .....	108.3	105.9	119.3	118.3	—	93.2	90.3	103.4	102.4	—
234	Women's and children's undergarments .....	91.6	93.6	101.4	101.7	101.5	78.0	79.9	86.2	86.5	86.1
2341	Women's and children's underwear .....	68.8	70.9	76.7	76.9	—	59.7	61.6	66.4	66.7	—
2342	Corsets and allied garments .....	22.8	22.7	24.7	24.8	—	18.3	18.3	19.8	19.8	—
235	Hats, caps, and millinery .....	15.7	15.5	15.8	15.8	—	14.1	13.8	13.6	13.6	—
236	Children's outerwear .....	65.7	69.3	78.3	78.0	79.4	56.5	59.8	67.4	67.1	68.6
2361	Children's dresses and blouses .....	26.4	27.7	31.6	31.5	—	23.6	24.8	28.5	28.4	—
237,8	Fur goods and miscellaneous apparel .....	60.0	61.7	66.3	67.6	—	51.1	52.7	57.4	58.5	—
239	Miscellaneous fabricated textile products .....	156.3	159.8	178.8	178.0	179.7	127.5	131.1	148.2	147.2	148.3
2391,2	Housefurnishings .....	63.1	65.1	76.3	75.4	—	52.0	54.1	64.1	63.3	—
26	<b>PAPER AND ALLIED PRODUCTS</b> .....	624.7	625.1	665.5	669.1	673.8	465.8	467.5	503.0	506.6	510.5
261,2,6	Paper and pulp mills .....	187.5	187.8	195.9	197.1	198.6	142.2	143.0	149.2	150.6	151.6
263	Paperboard mills .....	65.4	64.0	69.0	68.6	69.3	51.1	49.9	54.9	54.9	55.5
264	Miscellaneous converted paper products .....	185.8	185.0	195.3	195.6	197.0	131.5	131.1	140.0	140.0	141.2
2643	Bags, except textile bags .....	39.5	39.4	42.8	42.7	—	31.0	30.9	34.4	34.1	—
265	Paperboard containers and boxes .....	186.0	188.3	205.3	207.8	208.9	141.0	143.5	158.9	161.1	162.2
2651,2	Folding and setup paperboard boxes .....	51.7	52.2	57.4	58.6	—	40.7	41.2	46.1	47.3	—
2653	Corrugated and solid fiber boxes .....	90.9	91.6	99.1	100.1	—	65.7	66.3	73.0	73.7	—
2654	Sanitary food containers .....	26.7	27.6	30.5	30.8	—	21.7	22.8	25.1	25.4	—
27	<b>PRINTING AND PUBLISHING</b> .....	1, 082.1	1, 075.9	1, 072.7	1, 073.8	1, 074.1	638.5	633.7	628.7	629.7	628.2
271	Newspapers .....	380.0	378.9	378.0	377.3	379.0	169.5	168.5	166.7	165.8	166.1
272	Periodicals .....	68.0	68.8	69.6	69.3	—	18.4	18.8	18.5	18.3	—
273	Books .....	95.0	92.4	88.8	89.5	—	51.8	49.8	48.4	49.0	—
275	Commercial printing .....	358.6	357.0	358.4	359.7	357.7	270.2	269.0	268.8	270.1	268.4
2751	Commercial printing, except lithographic .....	201.1	200.5	201.3	201.6	—	153.8	153.8	152.8	153.3	—
2752	Commercial printing, lithographic .....	146.4	145.9	146.2	147.2	—	108.1	107.4	107.7	108.5	—
278	Blankbooks and bookbinding .....	49.7	48.7	49.9	49.6	49.7	40.8	40.0	40.5	40.3	40.5
274,6,7,9	Other publishing and printing ind .....	130.8	130.1	128.0	128.4	(*)	87.8	87.6	85.8	86.2	(*)
28	<b>CHEMICALS AND ALLIED PRODUCTS</b> .....	1, 000.0	1, 001.3	1, 026.9	1, 029.3	1, 022.6	557.2	559.8	586.5	588.1	584.2
281	Industrial chemicals .....	320.0	320.5	331.7	332.5	(*)	168.8	169.0	177.7	178.4	(*)
2812	Alkalies and chlorine .....	21.7	21.5	21.4	21.5	—	15.6	15.4	15.6	15.7	—
2818	Industrial organic chemicals, nec .....	133.9	133.8	137.4	137.4	—	58.3	58.2	60.1	60.1	—
2819	Industrial inorganic chemicals, nec .....	105.6	106.1	109.3	110.2	—	59.2	59.2	61.7	62.2	—
282	Plastics materials and synthetics .....	195.7	197.2	207.2	207.7	(*)	124.7	127.0	138.3	139.2	(*)
2821	Plastics materials and resins .....	85.2	83.7	86.4	87.1	—	49.8	48.9	53.1	53.9	—
2823,4	Synthetic fibers .....	98.9	101.8	108.7	108.4	—	67.0	70.1	76.5	76.5	—
283	Drugs .....	163.3	163.9	165.2	166.4	166.7	80.3	80.8	82.3	82.9	83.2
2834	Pharmaceutical preparations .....	129.4	130.1	131.9	132.6	—	61.1	61.5	63.8	64.1	—
284	Soap, cleaners, and toilet goods .....	116.5	115.6	118.6	115.9	116.0	65.6	65.6	69.0	66.3	66.8
2841	Soap and other detergents .....	37.6	37.6	37.4	34.6	—	24.7	24.8	24.6	21.9	—
2844	Toilet preparations .....	47.2	47.0	48.8	48.4	—	25.4	25.8	27.9	27.4	—
285	Paints and allied products .....	63.8	64.4	64.8	65.7	66.3	33.4	33.9	34.5	35.2	35.7
287	Agricultural chemicals .....	58.3	57.2	59.0	60.2	59.7	36.4	35.5	37.4	38.3	37.7
2871,2	Fertilizers, complete and mixing only .....	36.3	35.4	35.7	36.9	—	25.1	24.3	25.3	26.3	—
286,9	Other chemical products .....	82.4	82.5	80.4	80.9	81.3	48.0	48.0	47.3	47.8	48.0
2892	Explosives .....	19.3	19.0	15.5	15.5	—	12.9	12.6	9.9	9.9	—
29	<b>PETROLEUM AND COAL PRODUCTS</b> .....	190.1	195.5	198.7	201.0	202.3	118.6	123.6	127.7	130.0	130.9
291	Petroleum refining .....	149.2	153.1	155.6	156.2	156.5	89.9	93.5	96.5	97.2	97.2
295,9	Other petroleum and coal products .....	40.9	42.4	43.1	44.8	45.8	28.7	30.1	31.2	32.8	33.7

See footnotes at end of table.

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

[In thousands]

SIC Code	Industry	All employees					Production workers <sup>1</sup>				
		Apr. 1975	May 1975	Mar. 1976	Apr. 1976 <sup>P</sup>	May 1976 <sup>P</sup>	Apr. 1975	May 1975	Mar. 1976	Apr. 1976 <sup>P</sup>	May 1976 <sup>P</sup>
	<b>NONDURABLE GOODS—Continued</b>										
30	<b>RUBBER AND PLASTICS PRODUCTS, NEC...</b>	563.6	569.2	622.1	630.7	569.7	426.6	431.9	483.5	491.8	430.9
301	Tires and inner tubes .....	114.7	116.2	117.8	118.2	(*)	81.5	83.3	85.3	85.9	(*)
302,3,6	Other rubber products .....	155.0	153.8	162.8	164.6	(*)	119.7	118.6	127.3	129.2	(*)
302	Rubber footwear .....	24.7	23.8	23.2	23.1	—	20.9	20.0	19.6	19.6	—
307	Miscellaneous plastics products .....	293.9	299.2	341.5	347.9	350.7	225.4	230.0	270.9	276.7	278.8
31	<b>LEATHER AND LEATHER PRODUCTS .....</b>	244.3	250.2	275.0	277.7	279.2	206.8	213.4	237.9	240.0	242.1
311	Leather tanning and finishing .....	21.6	22.2	24.7	25.3	25.2	18.5	19.1	21.5	22.0	21.9
314	Footwear, except rubber .....	156.7	159.5	172.9	174.5	176.2	135.0	138.3	151.4	152.7	154.8
312,3,5,7,9	Other leather products .....	66.0	68.5	77.4	77.9	77.8	53.3	56.0	65.0	65.3	65.4
316	Luggage .....	14.6	15.2	17.8	18.2	—	11.4	12.0	14.2	14.5	—
317	Handbags and personal leather goods .....	30.0	31.0	36.1	35.7	—	24.1	25.2	30.7	30.3	—
—	<b>TRANSPORTATION AND PUBLIC UTILITIES .....</b>	4,472	4,487	4,462	4,476	4,493	3,830	3,845	3,824	3,832	3,850
40	<b>RAILROAD TRANSPORTATION .....</b>	540.4	542.3	515.0	520.2	—	—	—	—	—	—
4011	Class I railroads <sup>2</sup> .....	490.5	493.7	477.2	481.7	—	—	—	—	—	—
	<b>LOCAL AND INTERURBAN PASSENGER TRANSIT .....</b>	276.8	277.2	278.2	270.8	—	—	—	—	—	—
411	Local and suburban transportation .....	70.4	69.8	72.1	69.5	—	65.4	64.6	66.7	64.1	—
412	Taxicabs .....	85.4	84.4	79.6	79.2	—	—	—	—	—	—
413	Intercity highway transportation .....	38.1	38.6	36.8	38.1	—	34.2	34.8	32.9	34.3	—
42	<b>TRUCKING AND WAREHOUSING .....</b>	1,053.8	1,060.8	1,076.5	1,084.5	—	935.9	943.4	960.0	967.0	—
421,3	Trucking and trucking terminals .....	967.1	973.9	991.2	1,001.6	—	861.3	868.8	887.1	896.8	—
422	Public warehousing .....	86.7	86.9	85.3	82.9	—	74.6	74.6	72.9	70.2	—
45	<b>TRANSPORTATION BY AIR .....</b>	366.1	364.4	365.6	366.6	—	—	—	—	—	—
451,2	Air transportation .....	329.0	328.2	331.4	332.3	—	—	—	—	—	—
46	<b>PIPELINE TRANSPORTATION .....</b>	16.2	16.3	16.4	16.4	—	12.3	12.5	12.1	12.2	—
44,47	<b>OTHER TRANSPORTATION AND SERVICES .....</b>	322.7	331.6	329.6	336.9	—	—	—	—	—	—
44	<b>WATER TRANSPORTATION .....</b>	185.4	192.6	185.5	192.5	—	—	—	—	—	—
47	<b>TRANSPORTATION SERVICES .....</b>	137.3	139.0	144.1	144.4	—	—	—	—	—	—
48	<b>COMMUNICATION .....</b>	1,162.9	1,163.7	1,149.9	1,148.5	—	894.4	895.7	884.3	879.4	—
481	Telephone communication .....	963.3	962.9	942.8	943.1	—	735.1	735.1	717.6	715.1	—
482	Telegraph communication <sup>3</sup> .....	18.6	18.4	17.1	17.3	—	13.0	12.9	12.5	12.6	—
483	Radio and television broadcasting .....	149.0	150.3	156.6	154.6	—	118.9	120.3	125.4	122.8	—
497	<b>ELECTRIC, GAS, AND SANITARY SERVICES .....</b>	732.8	730.4	731.0	731.9	—	613.0	609.6	609.9	611.2	—
491	Electric companies and systems .....	317.2	313.8	314.8	315.4	—	263.6	260.0	260.2	261.1	—
492	Gas companies and systems .....	157.0	157.8	158.4	158.4	—	130.5	130.9	130.1	130.5	—
493	Combination companies and systems .....	195.3	194.9	192.6	192.3	—	164.6	163.9	164.2	163.4	—
494,7	Water, steam, and sanitary systems .....	63.3	63.9	65.2	65.8	—	54.3	54.8	55.4	56.2	—
—	<b>WHOLESALE AND RETAIL TRADE .....</b>	16,691	16,819	17,028	17,295	17,423	14,711	14,828	15,014	15,268	15,397
50	<b>WHOLESALE TRADE .....</b>	4,134	4,142	4,194	4,211	4,235	3,423	3,427	3,466	3,480	3,501
501	Motor vehicles and automotive equipment .....	363.5	364.7	373.5	374.7	—	296.4	297.5	304.9	305.0	—
502	Drugs, chemicals, and allied products .....	238.3	238.1	238.2	239.0	—	192.3	191.7	190.3	190.3	—
503	Dry goods and apparel .....	153.3	153.3	155.6	155.2	—	118.8	119.1	121.5	122.0	—
504	Groceries and related products .....	577.6	585.3	603.3	604.7	—	501.8	508.7	524.2	526.6	—
506	Electrical goods .....	325.0	322.2	316.6	318.0	—	273.7	271.2	267.0	268.6	—
507	Hardware; plumbing and heating equipment .....	180.3	180.4	182.5	183.2	—	149.9	149.8	151.5	151.5	—
508	Machinery, equipment, and supplies .....	878.3	876.6	877.1	879.8	—	728.8	725.8	722.5	724.5	—
509	Miscellaneous wholesalers .....	1,319.2	1,324.0	1,341.4	1,350.1	—	1,081.5	1,085.3	1,097.6	1,104.2	—
52-59	<b>RETAIL TRADE .....</b>	12,557	12,677	12,834	13,084	13,188	11,288	11,401	11,548	11,788	11,896
53	<b>Retail General Merchandise .....</b>	2,362.8	2,379.6	2,399.2	2,433.6	—	2,151.6	2,170.3	2,195.2	2,229.5	—
531	Department stores .....	1,580.5	1,590.6	1,623.8	1,644.3	—	1,443.0	1,454.4	1,494.5	1,515.6	—
532	Mail order houses .....	122.2	118.7	114.2	113.2	—	115.3	111.7	106.4	105.5	—
533	Variety stores .....	299.0	300.5	295.2	304.3	—	275.2	277.4	275.0	284.2	—
54	<b>FOOD STORES .....</b>	1,938.4	1,936.8	1,974.3	1,973.9	—	1,797.6	1,796.0	1,829.0	1,827.9	—
541-3	Grocery, meat, and vegetable stores .....	1,765.8	1,762.2	1,795.0	1,790.4	—	1,637.3	1,633.8	1,663.6	1,658.0	—

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 <sup>1</sup>				
		Apr. 1975	May 1975	Mar. 1976	Apr. 1976 <sup>P</sup>	May 1976 <sup>P</sup>	Apr. 1975	May 1975	Mar. 1976	Apr. 1976 <sup>P</sup>	May 1976 <sup>P</sup>
-	<b>WHOLESALE AND RETAIL TRADE—Continued</b>										
56	<b>APPAREL AND ACCESSORY STORES</b> .....	765.3	769.5	778.2	807.5	-	668.1	671.2	679.0	707.5	-
561	Men's and boys' clothing and furnishings .....	132.3	132.6	135.5	138.4	-	114.7	114.4	117.4	120.5	-
562	Women's ready-to-wear stores .....	286.4	289.8	290.7	299.0	-	251.6	254.4	255.3	263.2	-
565	Family clothing stores .....	117.4	119.6	122.5	124.9	-	106.4	108.6	111.2	113.4	-
566	Shoe stores .....	160.1	158.5	160.0	172.9	-	134.6	132.8	134.0	146.7	-
57	<b>FURNITURE AND HOME FURNISHINGS STORES</b> .....	501.6	500.4	525.2	524.0	-	425.3	424.6	443.3	442.2	-
571	Furniture and home furnishings .....	308.3	308.8	319.4	319.1	-	261.5	262.3	271.9	271.8	-
58	<b>EATING AND DRINKING PLACES</b> .....	3,294.4	3,344.0	3,339.2	3,469.7	-	3,075.8	3,120.9	3,113.0	3,240.5	-
52,55,59	<b>OTHER RETAIL TRADE</b> .....	3,694.7	3,746.2	3,818.0	3,875.3	-	3,169.8	3,217.9	3,288.0	3,340.7	-
52	Building materials and farm equipment .....	585.1	601.4	607.2	619.7	-	496.9	512.2	516.8	528.6	-
55	Automotive dealers and service stations .....	1,669.7	1,691.8	1,718.4	1,736.4	-	-	-	-	-	-
551,2	Motor vehicle dealers .....	752.0	754.2	777.2	778.9	-	624.4	625.9	647.8	649.2	-
553,9	Other automotive and accessory dealers .....	308.2	318.0	318.3	327.5	-	257.9	267.0	266.5	275.1	-
554	Gasoline service stations .....	609.5	619.6	622.9	630.0	-	-	-	-	-	-
59	Miscellaneous retail stores .....	1,439.9	1,453.0	1,492.4	1,519.2	-	-	-	-	-	-
591	Drug stores and proprietary stores .....	463.6	463.5	473.5	474.6	-	413.7	413.4	421.8	423.6	-
594	Book and stationery stores .....	78.9	78.5	79.6	80.6	-	67.6	66.9	67.9	68.7	-
596	Farm and garden supply stores .....	134.6	133.2	137.7	143.8	-	-	-	-	-	-
598	Fuel and ice dealers .....	100.8	97.2	104.1	100.1	-	85.6	82.0	89.3	85.0	-
-	<b>FINANCE, INSURANCE, AND REAL ESTATE<sup>4</sup></b> .....	4,192	4,208	4,246	4,273	4,285	3,190	3,209	3,235	3,257	3,264
60	Banking .....	1,264.2	1,266.3	1,282.8	1,286.1	-	997.2	999.4	1,011.3	1,013.5	-
61	Credit agencies other than banks .....	432.4	432.6	454.9	457.2	-	331.0	331.4	347.5	349.9	-
612	Savings and loan associations .....	159.9	161.3	179.0	181.2	-	127.9	129.3	143.3	145.3	-
614	Personal credit institutions .....	194.6	193.0	194.7	195.0	-	-	-	-	-	-
62	Security, commodity brokers and services .....	169.5	170.5	174.3	175.8	-	137.9	139.3	142.7	143.8	-
63	Insurance carriers .....	1,106.6	1,103.6	1,102.0	1,104.1	-	741.9	740.5	742.5	744.5	-
631	Life insurance .....	527.0	524.5	514.8	514.7	-	305.9	304.5	296.3	295.8	-
632	Accident and health insurance .....	119.6	118.6	120.2	120.9	-	99.5	98.6	99.1	99.5	-
633	Fire, marine, and casualty insurance .....	405.7	405.5	407.8	408.8	-	292.3	292.5	298.5	300.2	-
64	Insurance agents, brokers, and service .....	326.8	328.5	338.6	338.1	-	-	-	-	-	-
65	Real estate .....	778.2	792.4	778.2	796.1	-	-	-	-	-	-
655	Subdividers and developers .....	116.5	123.5	105.6	112.9	-	-	-	-	-	-
656	Operative builders .....	52.8	54.4	53.4	54.6	-	-	-	-	-	-
66,67	Other finance, insurance, and real estate .....	113.8	113.8	115.2	115.7	-	-	-	-	-	-
-	<b>SERVICES</b> .....	13,878	13,986	14,307	14,488	14,661	12,507	12,603	12,894	13,051	13,211
70	Hotels and other lodging places .....	937.1	962.1	951.8	981.4	-	-	-	-	-	-
701	Hotels, tourist courts, and motels .....	790.1	810.8	791.6	815.1	-	732.3	752.2	732.3	754.3	-
72	Personal services .....	831.7	840.4	820.0	823.9	-	-	-	-	-	-
721	Laundries and dry cleaning plants .....	356.0	359.3	348.6	350.3	-	319.0	321.4	311.6	313.4	-
722	Photographic studios .....	42.2	42.3	44.1	43.1	-	37.2	37.3	38.6	37.6	-
73	Miscellaneous business services .....	1,957.9	1,969.1	2,064.0	2,069.6	-	-	-	-	-	-
731	Advertising .....	118.9	119.3	122.7	122.8	-	-	-	-	-	-
732	Credit reporting and collection .....	78.1	78.7	78.3	78.7	-	-	-	-	-	-
734	Services to buildings .....	389.3	389.9	401.5	405.9	-	-	-	-	-	-
76	Miscellaneous repair services .....	213.1	212.0	218.3	215.5	-	-	-	-	-	-
78	Motion pictures .....	195.9	198.9	195.1	200.1	-	-	-	-	-	-
781	Motion picture filming and distributing .....	57.3	57.8	61.2	59.2	-	42.5	42.3	44.5	44.0	-
782,3	Motion picture theaters and services .....	138.6	141.1	133.9	140.9	-	-	-	-	-	-
80	Medical and other health services .....	4,137.6	4,155.7	4,354.7	4,372.7	-	-	-	-	-	-
806	Hospitals .....	2,273.5	2,275.5	2,357.2	2,362.4	-	2,079.1	2,080.3	2,152.4	2,149.8	-
81	Legal services .....	330.5	332.8	356.1	355.4	-	-	-	-	-	-
82	Educational services .....	1,277.6	1,262.1	1,335.7	1,332.7	-	-	-	-	-	-
821	Elementary and secondary schools .....	411.3	410.9	424.1	423.8	-	-	-	-	-	-
822	Colleges and universities .....	715.4	700.5	739.9	736.8	-	-	-	-	-	-
89	Miscellaneous services .....	875.8	864.4	896.4	893.5	-	-	-	-	-	-
891	Engineering and architectural services .....	397.8	399.1	400.6	401.3	-	-	-	-	-	-
892	Nonprofit research agencies .....	137.6	138.4	146.9	147.9	-	-	-	-	-	-

See footnotes at end of table.

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

[In thousands]

SIC Code	Industry	All employees					Production workers <sup>1</sup>				
		Apr. 1975	May 1975	Mar. 1976	Apr. 1976 <sup>P</sup>	May 1976 <sup>P</sup>	Apr. 1975	May 1975	Mar. 1976	Apr. 1976 <sup>P</sup>	May 1976 <sup>P</sup>
—	GOVERNMENT .....	14,908	14,939	15,322	15,296	15,318	—	—	—	—	—
91	FEDERAL GOVERNMENT <sup>5</sup> .....	2,732	2,741	2,724	2,730	2,737	—	—	—	—	—
	Executive .....	2,685.1	2,694.0	2,675.4	2,681.2	—	—	—	—	—	
	Department of Defense .....	951.4	954.6	934.1	930.7	—	—	—	—	—	
	Postal Service .....	694.2	693.2	672.3	670.3	—	—	—	—	—	
	Other agencies .....	1,039.5	1,046.2	1,069.0	1,080.2	—	—	—	—	—	
	Legislative .....	36.2	36.5	37.9	37.9	—	—	—	—	—	
	Judicial .....	10.2	10.2	11.0	11.0	—	—	—	—	—	
92,93	STATE AND LOCAL GOVERNMENT .....	12,176	12,198	12,598	12,566	12,581	—	—	—	—	
92	State government .....	3,264.6	3,227.6	3,353.3	3,358.6	—	—	—	—	—	
	State education .....	1,408.3	1,365.0	1,509.7	1,514.6	—	—	—	—	—	
	Other State government .....	1,856.3	1,862.6	1,843.6	1,844.0	—	—	—	—	—	
93	Local government .....	8,911.8	8,970.8	9,244.5	9,207.1	—	—	—	—	—	
	Local education .....	5,087.4	5,106.3	5,293.9	5,264.7	—	—	—	—	—	
	Other local government .....	3,824.4	3,864.5	3,950.6	3,942.4	—	—	—	—	—	

<sup>1</sup> 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.

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

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

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

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

\* Not available.

p=preliminary.



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

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

[1967 = 100]

Year and month	Total	Goods-producing				Service-producing									
		Total	Mining	Contract construction	Manufacturing	Total	Transportation and public utilities	Wholesale and retail trade			Finance, insurance, and real estate	Services	Government		
								Total	Wholesale trade	Retail trade			Total	Federal	State and local
1919.....	41.1	55.1	184.8	31.8	54.8	33.5	87.1	33.2	-	-	34.4	22.4	23.5	-	-
1920.....	41.5	54.8	202.1	26.4	54.8	34.3	93.8	32.8	-	-	36.4	23.4	22.8	-	-
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	46.6	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.....	116.8	106.3	105.1	125.2	103.2	122.5	109.0	122.5	116.5	124.7	126.9	128.9	120.5	97.9	127.6
1974.....	119.1	106.1	113.2	123.3	103.1	126.1	110.2	125.1	119.8	126.9	130.5	134.8	124.4	100.2	132.0
1975.....	116.9	96.9	121.5	107.8	94.3	127.8	105.6	124.6	118.5	126.7	130.9	138.6	129.6	101.1	138.6
May.....	116.2	96.0	120.4	107.2	93.4	127.2	105.4	123.9	118.4	125.8	130.5	137.5	129.2	100.5	138.2
June.....	115.9	95.6	120.9	105.7	93.1	127.1	104.9	124.0	117.8	126.2	130.3	137.4	128.9	100.7	137.7
July.....	116.4	95.5	121.2	105.8	93.0	127.9	104.8	124.8	118.0	127.2	130.3	138.5	130.0	101.0	139.1
Aug.....	117.0	96.3	122.2	106.5	93.9	128.2	104.8	125.1	118.0	127.5	130.8	139.1	130.3	101.4	139.4
Sept.....	117.4	97.1	122.7	107.0	94.7	128.5	104.8	125.3	118.6	127.6	131.4	139.7	130.2	101.7	139.2
Oct.....	117.8	97.4	126.3	106.0	95.1	128.9	105.0	125.3	118.6	127.6	131.7	140.2	131.3	101.8	140.5
Nov.....	117.8	97.4	125.0	106.3	95.0	128.9	105.5	125.0	118.4	127.3	131.7	140.5	131.4	101.5	140.7
Dec.....	118.1	97.7	125.4	106.2	95.5	129.3	105.1	125.5	118.9	127.9	132.2	140.9	131.6	101.3	141.1
1976:															
Jan.....	118.7	98.5	124.6	106.9	96.3	129.8	105.5	126.7	119.5	129.1	132.3	141.7	131.3	101.0	140.8
Feb.....	119.0	98.4	124.5	105.2	96.5	130.2	106.0	127.3	120.2	129.8	132.3	142.2	131.6	100.8	141.2
Mar.....	119.4	98.9	125.6	104.9	97.1	130.6	105.6	127.8	120.2	130.4	132.6	142.8	131.9	100.5	141.8
Apr.....	119.9	99.4	126.1	105.7	97.5	131.0	105.9	128.2	120.7	130.8	133.0	143.5	132.3	100.4	142.2
May.....	120.0	99.3	125.8	106.0	97.3	131.2	105.5	128.3	121.1	130.8	132.9	144.2	132.5	100.4	142.5

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  
SEASONALLY ADJUSTED EMPLOYMENT

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

[In thousands]

Industry division and group	1975							1976					
	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr. <sup>p</sup>	May <sup>p</sup>
<b>TOTAL</b> .....	76, 510	76, 343	76, 679	77, 023	77, 310	77, 555	77, 574	77, 796	78, 179	78, 368	78, 630	78, 942	78, 999
<b>GOODS-PRODUCING</b> .....	22, 339	22, 233	22, 222	22, 418	22, 601	22, 669	22, 657	22, 743	22, 914	22, 901	23, 013	23, 134	23, 101
<b>MINING</b> .....	738	741	743	749	752	774	766	769	764	763	770	773	771
<b>CONTRACT CONSTRUCTION</b> .....	3, 439	3, 392	3, 395	3, 415	3, 432	3, 402	3, 409	3, 406	3, 428	3, 375	3, 366	3, 392	3, 402
<b>MANUFACTURING</b> .....	18, 162	18, 100	18, 084	18, 254	18, 417	18, 493	18, 482	18, 568	18, 722	18, 763	18, 877	18, 969	18, 928
<b>DURABLE GOODS</b> .....	10, 595	10, 527	10, 465	10, 563	10, 650	10, 661	10, 653	10, 717	10, 820	10, 846	10, 937	10, 996	11, 028
Ordnance and accessories .....	177	173	172	167	165	164	161	163	162	162	161	161	161
Lumber and wood products .....	546	552	557	563	568	576	576	581	592	595	596	597	600
Furniture and fixtures .....	439	437	441	452	464	467	470	473	477	484	487	493	495
Stone, clay, and glass products .....	609	605	604	610	615	615	616	616	616	612	616	623	623
Primary metal industries .....	1, 168	1, 149	1, 134	1, 148	1, 169	1, 149	1, 146	1, 158	1, 162	1, 168	1, 173	1, 179	1, 180
Fabricated metal products .....	1, 324	1, 317	1, 298	1, 331	1, 340	1, 344	1, 339	1, 344	1, 358	1, 369	1, 381	1, 389	1, 388
Machinery, except electrical .....	2, 064	2, 035	2, 017	2, 013	2, 035	2, 039	2, 032	2, 030	2, 039	2, 039	2, 049	2, 053	2, 058
Electrical equipment and supplies .....	1, 735	1, 723	1, 712	1, 747	1, 755	1, 767	1, 764	1, 773	1, 785	1, 795	1, 818	1, 828	1, 832
Transportation equipment .....	1, 653	1, 657	1, 645	1, 645	1, 643	1, 641	1, 648	1, 676	1, 712	1, 699	1, 726	1, 738	1, 752
Instruments and related products .....	481	481	482	481	486	490	492	494	498	501	505	510	511
Miscellaneous manufacturing .....	399	398	403	406	410	409	409	409	419	422	425	425	428
<b>NONDURABLE GOODS</b> .....	7, 567	7, 573	7, 619	7, 691	7, 767	7, 832	7, 829	7, 851	7, 902	7, 917	7, 940	7, 973	7, 900
Food and kindred products .....	1, 670	1, 671	1, 668	1, 688	1, 693	1, 695	1, 688	1, 688	1, 700	1, 709	1, 695	1, 708	1, 701
Tobacco manufactures .....	75	75	79	78	80	79	81	79	79	77	75	75	75
Textile mill products .....	885	891	897	918	938	953	950	955	958	964	964	973	973
Apparel and other textile products .....	1, 205	1, 215	1, 245	1, 245	1, 261	1, 287	1, 290	1, 299	1, 314	1, 306	1, 322	1, 316	1, 314
Paper and allied products .....	631	627	633	639	648	652	652	658	665	667	671	674	680
Printing and publishing .....	1, 079	1, 073	1, 068	1, 072	1, 075	1, 071	1, 072	1, 074	1, 069	1, 069	1, 075	1, 076	1, 077
Chemicals and allied products .....	1, 004	1, 000	999	1, 008	1, 011	1, 019	1, 020	1, 018	1, 024	1, 029	1, 030	1, 032	1, 0026
Petroleum and coal products .....	195	197	199	199	200	201	202	201	203	204	204	204	202
Rubber and plastics products, nec .....	574	572	575	588	599	608	604	608	615	617	627	635	574
Leather and leather products .....	249	252	256	256	262	267	270	271	275	275	277	280	278
<b>SERVICE-PRODUCING</b> .....	54, 171	54, 110	54, 457	54, 605	54, 709	54, 886	54, 917	55, 053	55, 265	55, 467	55, 617	55, 808	55, 898
<b>TRANSPORTATION AND PUBLIC UTILITIES</b> .....	4, 491	4, 469	4, 464	4, 466	4, 467	4, 476	4, 496	4, 477	4, 494	4, 517	4, 498	4, 512	4, 497
<b>WHOLESALE AND RETAIL TRADE</b> .....	16, 857	16, 877	16, 984	17, 016	17, 045	17, 043	17, 010	17, 080	17, 233	17, 326	17, 386	17, 444	17, 457
<b>WHOLESALE TRADE</b> .....	4, 175	4, 153	4, 161	4, 159	4, 181	4, 180	4, 174	4, 190	4, 214	4, 236	4, 236	4, 254	4, 269
<b>RETAIL TRADE</b> .....	12, 682	12, 724	12, 823	12, 857	12, 864	12, 863	12, 836	12, 890	13, 019	13, 090	13, 150	13, 190	13, 188
<b>FINANCE, INSURANCE, AND REAL ESTATE</b> .....	4, 208	4, 202	4, 203	4, 218	4, 239	4, 246	4, 248	4, 264	4, 266	4, 266	4, 267	4, 290	4, 285
<b>SERVICES</b> .....	13, 889	13, 871	13, 990	14, 050	14, 113	14, 157	14, 188	14, 229	14, 307	14, 360	14, 422	14, 488	14, 559
Hotels and other lodging places .....	970	962	976	986	982	993	997	990	999	1, 008	1, 004	1, 015	-
Personal services .....	836	831	835	833	833	831	832	835	833	833	826	826	-
Medical and other health services .....	4, 164	4, 175	4, 197	4, 213	4, 241	4, 258	4, 273	4, 304	4, 317	4, 333	4, 359	4, 386	-
Educational services .....	1, 211	1, 204	1, 215	1, 212	1, 225	1, 233	1, 236	1, 241	1, 237	1, 243	1, 257	1, 263	-
<b>GOVERNMENT</b> .....	14, 726	14, 691	14, 816	14, 855	14, 845	14, 964	14, 975	15, 003	14, 965	14, 998	15, 035	15, 074	15, 100
<b>FEDERAL</b> .....	2, 732	2, 738	2, 745	2, 756	2, 765	2, 767	2, 761	2, 755	2, 746	2, 740	2, 732	2, 730	2, 729
<b>STATE AND LOCAL</b> .....	11, 994	11, 953	12, 071	12, 099	12, 080	12, 197	12, 214	12, 248	12, 219	12, 258	12, 303	12, 344	12, 371

p = preliminary.

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

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**B-6. Production or nonsupervisory workers<sup>1</sup> on private nonagricultural payrolls,  
by industry division and major manufacturing group, seasonally adjusted**

[In thousands]

Industry division and group	1975								1976				
	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr. <sup>P</sup>	May <sup>P</sup>
<b>TOTAL</b> .....	50,629	50,536	50,736	51,052	51,315	51,435	51,420	51,592	51,963	52,103	52,293	52,529	52,560
<b>GOODS-PRODUCING</b> .....	16,194	16,122	16,115	16,312	16,467	16,532	16,512	16,600	16,744	16,723	16,815	16,937	16,894
<b>MINING</b> .....	560	561	564	567	569	585	581	587	582	577	583	587	583
<b>CONTRACT CONSTRUCTION</b> .....	2,747	2,712	2,711	2,734	2,741	2,712	2,709	2,702	2,714	2,659	2,655	2,684	2,687
<b>MANUFACTURING</b> .....	12,887	12,849	12,840	13,011	13,157	13,235	13,222	13,311	13,448	13,487	13,577	13,666	13,624
<b>DURABLE GOODS</b> .....	7,454	7,404	7,348	7,450	7,527	7,548	7,539	7,603	7,698	7,722	7,795	7,854	7,882
Ordnance and accessories .....	84	82	81	77	75	75	71	73	73	73	73	74	73
Lumber and wood products .....	454	459	463	469	475	483	481	485	496	497	498	500	502
Furniture and fixtures .....	354	351	355	366	379	381	384	387	390	397	399	404	408
Stone, clay, and glass products .....	479	477	477	483	488	488	489	489	489	486	489	496	496
Primary metal industries .....	905	889	878	892	911	894	892	903	907	911	917	923	926
Fabricated metal products .....	985	979	960	993	1,000	1,004	1,000	1,006	1,020	1,030	1,040	1,049	1,048
Machinery, except electrical .....	1,339	1,317	1,300	1,300	1,314	1,319	1,310	1,308	1,317	1,318	1,326	1,328	1,332
Electrical equipment and supplies .....	1,113	1,106	1,097	1,131	1,139	1,151	1,147	1,160	1,171	1,179	1,197	1,209	1,215
Transportation equipment .....	1,151	1,155	1,143	1,142	1,140	1,144	1,155	1,182	1,211	1,202	1,224	1,235	1,242
Instruments and related products .....	287	286	287	286	291	295	296	298	302	304	305	310	312
Miscellaneous manufacturing .....	303	303	307	311	315	314	314	312	322	325	327	326	328
<b>NONDURABLE GOODS</b> .....	5,433	5,445	5,492	5,561	5,630	5,687	5,683	5,708	5,750	5,765	5,782	5,812	5,742
Food and kindred products .....	1,131	1,133	1,131	1,147	1,150	1,154	1,143	1,144	1,156	1,166	1,153	1,164	1,159
Tobacco manufactures .....	62	62	65	65	66	65	67	66	66	64	62	61	62
Textile mill products .....	766	771	777	800	819	832	831	836	837	841	842	850	849
Apparel and other textile products .....	1,033	1,043	1,071	1,071	1,086	1,107	1,112	1,121	1,133	1,127	1,140	1,135	1,132
Paper and allied products .....	472	469	474	479	487	490	492	497	502	505	508	512	516
Printing and publishing .....	636	631	629	632	632	630	629	631	627	626	629	630	631
Chemicals and allied products .....	562	560	560	566	573	579	580	579	583	587	588	589	586
Petroleum and coal products .....	123	125	127	128	128	129	130	130	131	132	132	133	131
Rubber and plastics products, nec .....	436	436	439	453	463	471	466	470	477	479	488	496	435
Leather and leather products .....	212	215	219	220	226	230	233	234	238	238	240	242	241
<b>SERVICE-PRODUCING</b> .....	34,435	34,414	34,621	34,740	34,848	34,903	34,908	34,992	35,219	35,380	35,478	35,592	35,666
<b>TRANSPORTATION AND PUBLIC UTILITIES</b> .....	3,849	3,831	3,827	3,825	3,828	3,835	3,854	3,832	3,854	3,880	3,863	3,867	3,854
<b>WHOLESALE AND RETAIL TRADE</b> ..	14,862	14,896	14,992	15,032	15,076	15,077	15,031	15,087	15,226	15,304	15,349	15,414	15,429
<b>WHOLESALE TRADE</b> .....	3,458	3,440	3,448	3,445	3,463	3,459	3,452	3,467	3,492	3,509	3,505	3,519	3,533
<b>RETAIL TRADE</b> .....	11,404	11,456	11,544	11,587	11,613	11,618	11,579	11,620	11,734	11,795	11,844	11,895	11,896
<b>FINANCE, INSURANCE, AND REAL ESTATE</b> .....	3,209	3,208	3,203	3,218	3,234	3,232	3,240	3,251	3,258	3,258	3,268	3,273	3,264
<b>SERVICES</b> .....	12,515	12,479	12,599	12,665	12,710	12,759	12,783	12,822	12,881	12,938	12,998	13,038	13,119

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

p=preliminary.

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

**B-7. Indexes of diffusion: Percent of industries in which employment<sup>1</sup> increased, 1973 to date**

Year and month	Over 1-month span	Over 3-month span	Over 6-month span	Over 12-month span
<b>1973</b>				
January .....	76.7	84.0	81.7	81.1
February .....	75.0	83.7	79.4	80.8
March .....	73.8	76.2	79.4	82.6
April .....	62.5	71.5	74.7	81.4
May .....	59.9	70.3	72.1	79.7
June .....	68.0	63.1	66.6	78.5
July .....	55.8	66.9	72.1	75.6
August .....	63.1	64.8	72.7	73.5
September .....	61.6	74.7	73.0	69.2
October .....	72.7	75.9	75.6	66.0
November .....	75.0	76.5	70.3	66.6
December .....	66.6	70.1	66.0	64.2
<b>1974</b>				
January .....	59.3	62.8	60.8	63.4
February .....	52.6	53.8	55.2	59.6
March .....	46.5	48.0	49.7	55.2
April .....	47.1	48.3	48.5	50.3
May .....	55.2	51.7	49.7	40.1
June .....	53.2	52.6	45.6	28.2
July .....	52.3	45.1	37.2	27.0
August .....	45.9	39.2	31.1	22.4
September .....	36.0	40.4	23.3	20.9
October .....	37.8	28.8	17.7	18.6
November .....	20.1	21.5	17.2	16.6
December .....	18.6	13.4	13.1	14.0
<b>1975</b>				
January .....	18.6	12.5	13.4	16.6
February .....	16.6	13.7	13.1	17.4
March .....	25.0	19.2	16.3	17.4
April .....	40.4	35.8	27.9	20.9
May .....	53.8	40.4	40.1	25.9
June .....	40.4	48.5	60.8	40.4
July .....	55.2	55.8	67.4	50.3
August .....	73.5	80.2	67.4	62.5
September .....	81.7	81.4	76.5	71.2
October .....	64.8	70.3	79.4	76.7p
November .....	54.7	68.9	82.0	79.1p
December .....	66.6	72.7	75.6	
<b>1976</b>				
January .....	75.0	78.8	81.1p	
February .....	70.1	81.7	81.7p	
March .....	70.9	79.1p		
April .....	73.8p	77.0p		
May .....	59.6p			
June .....				
July .....				
August .....				
September .....				
October .....				
November .....				
December .....				

<sup>1</sup> Number of employees, seasonally adjusted, on payrolls of 172 private nonagricultural industries.  
p = preliminary.

**ESTABLISHMENT DATA  
STATE AND AREA EMPLOYMENT**

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

(In thousands)

State and area	Total			Mining			Contract construction			Manufacturing		
	APR. 1975	MAR. 1976	APR. 1976P	APR. 1975	MAR. 1976	APR. 1976P	APR. 1975	MAR. 1976	APR. 1976P	APR. 1975	MAR. 1976	APR. 1976P
1 ALABAMA .....	1,130.2	1,166.6	1,176.6	12.1	11.8	11.9	64.5	66.6	68.1	311.7	324.2	329.2
2 Birmingham .....	306.1	306.5	308.5	7.7	7.9	8.0	18.5	18.0	18.6	68.1	65.0	65.8
3 Huntsville .....	97.5	99.9	100.7	(1)	(1)	(1)	4.1	3.6	3.9	22.0	25.1	25.5
4 Mobile .....	122.4	122.0	122.5	(1)	(1)	(1)	9.6	9.6	9.7	24.3	23.1	23.2
5 Montgomery .....	84.9	86.9	87.1	(1)	(1)	(1)	5.5	5.6	5.7	12.8	13.3	13.4
6 Tuscaloosa .....	46.4	46.6	47.1	(1)	(1)	(1)	2.9	2.8	2.9	11.4	10.6	10.8
7 ALASKA .....	156.4	170.5	182.2	4.5	4.4	4.4	25.2	36.4	42.7	8.6	8.4	10.0
8 ARIZONA .....	721.3	740.6	744.0	24.4	23.3	23.3	41.3	39.5	40.3	96.5	97.1	97.7
9 Phoenix .....	426.6	440.2	441.0	.4	.4	.4	22.9	22.0	22.3	70.4	70.7	71.3
10 Tucson .....	143.2	145.9	146.2	7.8	7.2	7.2	9.3	9.2	9.3	12.0	12.0	11.8
11 ARKANSAS .....	612.2	634.6	639.3	4.0	4.0	4.1	30.6	27.4	28.3	168.5	183.7	185.4
12 Fayetteville-Springdale .....	48.7	49.9	50.3	(1)	(1)	(1)	2.5	2.1	2.1	14.2	14.7	15.1
13 Fort Smith .....	51.1	56.1	56.7	.3	.3	.3	2.2	2.0	2.2	17.0	21.5	21.8
14 Little Rock-North Little Rock .....	149.1	151.0	151.3	(1)	(1)	(1)	9.1	7.0	7.3	26.3	27.8	27.3
15 Pine Bluff .....	25.9	25.5	25.7	(1)	(1)	(1)	1.0	.8	.8	5.8	5.6	5.6
16 CALIFORNIA .....	7,772.1	7,874.2	7,901.0	31.6	32.7	32.7	271.5	273.5	278.6	1,566.4	1,580.0	1,583.7
17 Anaheim-Santa Ana-Garden Grove ..	562.6	586.7	594.3	2.2	2.2	2.2	21.0	20.7	21.7	147.6	154.7	155.7
18 Bakersfield .....	101.0	102.8	103.6	7.3	7.5	7.5	3.8	3.7	3.8	8.9	8.7	8.6
19 Fresno .....	144.1	147.2	148.4	.8	.8	.8	6.4	6.1	6.4	18.9	19.2	19.5
20 Los Angeles-Long Beach .....	3,031.7	3,076.5	3,076.8	11.0	11.2	11.3	92.5	92.6	92.3	769.1	779.0	780.6
21 Modesto .....	67.1	67.9	68.9	.1	.1	.1	3.3	3.3	3.5	16.1	15.9	16.4
22 Oxnard-Simi Valley-Ventura .....	112.1	112.8	113.7	1.7	1.7	1.7	3.9	3.3	3.3	15.9	16.0	16.1
23 Riverside-San Bernardino-Ontario ..	334.9	338.5	339.7	2.6	2.4	2.4	11.8	10.8	10.9	50.9	50.7	50.9
24 Sacramento .....	308.8	315.5	317.9	.3	.4	.4	11.9	11.8	12.0	21.3	21.6	22.4
25 Salinas-Seaside-Monterey .....	73.0	73.4	74.5	.6	.6	.6	2.3	2.3	2.4	8.9	8.9	9.2
26 San Diego .....	467.5	474.2	475.7	.5	.5	.5	17.5	18.8	18.7	72.8	70.4	70.3
27 San Francisco-Oakland .....	1,319.8	1,319.7	1,313.4	1.5	1.6	1.6	56.5	54.8	55.0	186.8	187.2	184.8
28 San Jose .....	463.2	479.1	480.9	.1	.1	.1	16.2	16.3	16.7	148.4	153.1	153.8
29 Santa Barbara-Santa Maria-Lompoc ..	93.0	96.5	96.5	.7	.7	.7	3.0	2.9	3.0	12.3	12.9	12.7
30 Santa Rosa .....	62.4	64.9	65.6	.2	.2	.2	2.9	2.8	3.0	8.3	9.2	9.3
31 Stockton .....	98.6	98.7	100.0	.1	.1	.1	3.6	3.5	3.8	18.1	17.3	17.6
32 Vallejo-Fairfield-Napa .....	75.2	81.2	82.0	.1	.1	.1	2.2	3.1	3.3	8.1	8.1	8.3
33 COLORADO .....	935.9	957.7	969.0	17.0	18.9	19.3	54.4	50.1	52.5	131.9	134.8	135.7
34 Denver-Boulder .....	555.5	606.7	615.1	6.8	7.5	7.7	35.7	33.6	34.8	91.9	91.6	92.1
35 CONNECTICUT .....	1,221.3	1,207.9	1,221.0	(2)	(2)	(2)	42.7	31.5	36.0	393.9	391.8	392.3
36 Bridgeport .....	146.7	145.7	145.1	(2)	(2)	(2)	4.1	3.8	4.0	57.9	57.8	57.7
37 Hartford .....	336.5	333.0	336.0	(2)	(2)	(2)	10.8	9.5	10.2	85.3	84.1	84.7
38 New Britain .....	54.5	53.6	51.2	(2)	(2)	(2)	1.9	1.6	1.9	26.6	26.2	23.3
39 New Haven-West Haven .....	171.5	170.4	172.2	(2)	(2)	(2)	6.1	5.6	5.9	45.0	43.3	43.7
40 Stamford .....	87.5	88.4	89.6	(2)	(2)	(2)	2.7	2.3	2.6	27.7	28.3	28.6
41 Waterbury .....	80.3	80.0	81.3	(2)	(2)	(2)	2.3	2.0	2.2	33.4	33.7	34.1
42 DELAWARE .....	224.9	231.6	231.8	(1)	(1)	(1)	14.6	13.8	14.2	65.8	68.9	68.7
43 Wilmington .....	202.2	207.5	208.2	(1)	(1)	(1)	14.5	12.8	13.3	64.0	67.3	67.3
44 DISTRICT OF COLUMBIA <sup>3</sup> .....	575.4	577.2	577.6	(1)	(1)	(1)	21.8	19.1	19.5	15.3	16.1	16.1
45 Washington SMSA .....	1,319.8	1,335.1	1,340.6	(1)	(1)	(1)	72.7	68.0	70.0	47.8	46.0	46.1
46 FLORIDA .....	2,770.4	2,757.3	2,749.2	11.4	11.0	10.9	179.8	141.9	137.5	327.2	336.2	336.6
47 Fort Lauderdale-Hollywood .....	241.3	238.7	234.6	(1)	(1)	(1)	19.5	14.9	14.2	24.1	24.3	24.5
48 Jacksonville .....	255.6	257.1	257.5	(1)	(1)	(1)	15.1	13.5	13.5	28.6	28.3	28.8
49 Miami .....	582.3	581.7	578.5	(1)	(1)	(1)	25.3	21.2	20.7	79.0	81.0	81.4
50 Orlando .....	212.6	210.3	212.5	(1)	(1)	(1)	13.7	13.6	13.8	24.5	23.5	23.6
51 Pensacola .....	83.9	85.1	85.4	(1)	(1)	(1)	6.6	6.4	6.6	13.6	13.9	13.8
52 Tampa-St. Petersburg .....	417.9	416.9	416.3	(1)	(1)	(1)	27.7	23.8	23.7	55.8	54.5	54.7
53 West Palm Beach-Boca Raton .....	143.1	145.0	144.3	(1)	(1)	(1)	11.0	9.8	9.9	17.5	17.4	17.3
54 GEORGIA .....	1,705.5	1,744.7	1,747.8	6.7	6.9	7.0	80.8	74.0	74.7	417.6	455.8	456.9
55 Atlanta .....	728.7	743.5	742.3	(1)	(1)	(1)	33.5	32.6	32.7	113.3	120.0	120.0
56 Augusta .....	99.3	104.1	104.4	(1)	(1)	(1)	5.4	4.7	4.9	30.3	32.2	32.2
57 Columbus .....	71.6	75.4	75.7	(1)	(1)	(1)	4.0	5.1	5.2	19.7	21.1	21.3
58 Macon .....	88.7	93.2	90.6	(1)	(1)	(1)	4.7	4.4	4.5	13.2	14.1	14.4
59 Savannah .....	71.4	72.2	72.9	(1)	(1)	(1)	4.5	4.7	4.6	14.4	15.1	15.1
60 HAWAII .....	338.6	341.0	342.6	(1)	(1)	(1)	28.9	24.2	23.9	22.4	22.8	23.5
61 Honolulu .....	236.2	287.0	288.2	(1)	(1)	(1)	25.0	20.6	20.3	16.0	16.3	16.9

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			
APR. 1975	MAR. 1976	APR. 1976P	APR. 1975	MAR. 1976	APR. 1976P	APR. 1975	MAR. 1976	APR. 1976P	APR. 1975	MAR. 1976	APR. 1976P	APR. 1975	MAR. 1976	APR. 1976P	
59.2	60.0	60.1	222.2	233.0	234.8	49.7	50.9	51.0	166.4	172.1	172.6	244.4	248.0	248.9	1
21.7	22.3	22.4	71.1	72.8	72.9	19.5	19.7	19.7	51.8	52.5	52.6	47.7	48.3	48.5	2
2.1	2.0	2.0	18.1	18.4	18.5	2.8	2.8	2.8	16.3	16.1	16.1	32.1	31.9	31.9	3
9.6	9.5	9.5	29.0	29.4	29.5	5.9	6.1	6.1	23.6	23.5	23.6	20.1	20.8	20.9	4
4.2	4.2	4.2	19.8	20.4	20.5	5.0	5.1	5.1	15.3	15.4	15.5	22.3	22.9	22.7	5
1.8	1.8	1.8	7.6	7.5	8.0	1.4	1.4	1.5	5.2	5.4	5.4	16.1	16.7	16.7	6
15.2	15.6	15.6	24.3	26.1	27.1	5.8	6.8	6.9	25.6	25.9	27.9	47.2	46.9	47.6	7
38.3	38.4	38.5	173.2	177.9	176.3	41.6	42.2	42.3	135.9	142.2	143.5	170.1	180.0	180.1	8
22.8	23.0	23.0	111.8	115.2	115.3	31.9	32.7	32.8	83.8	87.1	87.3	82.6	89.1	88.6	9
7.7	7.6	7.6	31.3	31.5	31.9	6.1	5.8	5.8	28.1	29.7	29.9	40.9	42.5	42.7	10
36.2	36.1	36.5	131.7	136.1	136.9	27.7	28.5	28.8	88.0	93.5	94.1	125.5	125.3	125.2	11
2.9	2.9	2.5	10.3	11.2	11.1	2.0	2.2	2.2	7.0	7.1	7.2	9.8	9.7	9.7	12
2.9	2.8	2.7	11.4	11.8	12.0	1.9	2.0	2.0	8.5	8.6	8.6	6.9	7.1	7.1	13
11.6	11.7	11.7	33.5	34.2	34.5	10.8	11.1	11.2	25.3	25.9	26.1	32.5	33.3	33.2	14
3.2	3.2	3.1	5.0	4.9	4.9	1.1	1.1	1.2	4.0	4.1	4.2	5.8	5.8	5.9	15
463.5	462.5	463.9	1,757.8	1,775.3	1,788.1	449.2	460.0	461.4	1,567.9	1,601.2	1,606.5	1,664.2	1,689.0	1,686.1	16
17.3	18.1	18.3	136.8	148.0	149.9	32.3	33.6	33.8	109.6	112.5	115.3	93.8	96.9	97.4	17
6.5	6.7	6.7	24.0	24.6	24.8	3.9	3.9	3.9	17.4	17.8	18.0	29.2	29.9	30.3	18
8.7	5.0	8.9	34.9	35.8	35.9	7.2	7.3	7.3	27.2	27.9	28.2	40.0	41.1	41.4	19
174.2	175.9	175.8	691.2	698.6	702.0	185.1	188.2	189.0	630.4	643.6	638.8	478.2	487.4	487.0	20
3.1	3.1	3.2	14.9	15.1	15.0	2.0	1.9	1.9	13.3	13.7	13.8	14.3	14.8	15.0	21
4.4	4.5	4.5	25.1	25.6	26.1	4.4	4.4	4.4	20.6	20.9	21.0	36.1	36.4	36.6	22
18.6	18.5	18.5	79.9	82.7	83.0	12.2	12.3	12.3	65.2	70.6	70.8	89.7	90.5	90.9	23
16.9	16.9	17.0	67.7	69.7	70.1	13.4	13.8	13.8	49.0	50.5	50.9	128.3	130.8	131.3	24
4.3	4.3	4.3	18.2	18.0	18.4	2.9	2.9	3.0	14.7	15.0	15.1	21.1	21.4	21.5	25
22.7	22.3	22.4	106.9	110.1	110.9	25.1	26.2	26.3	95.4	97.1	97.9	126.6	128.8	128.7	26
122.4	120.9	121.4	285.9	285.2	286.0	112.8	114.5	114.8	264.6	268.4	268.3	289.3	287.1	281.5	27
18.6	18.7	18.6	89.2	94.1	94.7	18.8	19.0	19.1	95.8	100.9	101.1	76.1	76.9	76.8	28
3.0	3.0	3.0	21.0	21.5	21.6	4.2	4.2	4.2	24.2	23.9	24.0	24.6	27.4	27.3	29
3.2	3.4	3.4	14.9	15.6	15.8	4.2	4.3	4.3	11.7	11.9	12.0	17.0	17.5	17.6	30
7.5	7.4	7.5	21.2	21.9	22.1	3.6	3.7	3.7	18.3	18.3	18.7	26.2	26.5	26.5	31
3.7	3.6	3.7	13.9	14.4	14.5	2.2	2.3	2.3	14.2	14.7	15.0	34.8	34.9	34.8	32
58.7	59.8	60.1	222.5	226.1	228.5	55.7	57.0	58.1	180.1	188.7	192.6	215.9	222.4	221.9	33
40.7	40.1	40.3	147.1	150.4	152.6	41.7	42.7	43.5	118.1	122.4	125.6	117.5	118.3	118.6	34
53.2	51.4	51.6	245.4	247.0	251.3	86.0	84.8	85.4	219.2	222.4	226.9	180.8	178.6	177.6	35
5.8	6.1	6.1	29.7	29.4	28.6	6.0	5.9	6.0	25.3	24.8	24.9	18.0	17.9	17.9	36
12.1	12.0	12.0	65.5	70.2	71.0	50.0	49.0	49.1	57.9	57.0	57.9	51.0	51.2	51.0	37
1.5	1.6	1.6	8.9	8.8	8.8	1.5	1.5	1.5	7.3	7.2	7.4	6.9	6.7	6.7	38
13.3	14.3	14.3	34.6	34.7	35.2	8.6	8.9	8.9	40.2	39.9	40.5	23.8	23.7	23.8	39
3.2	3.0	2.9	19.2	19.6	19.8	5.9	6.0	6.1	19.7	20.0	20.3	9.0	9.2	9.2	40
3.1	3.0	3.1	13.6	13.7	13.8	2.8	2.7	2.8	14.2	14.3	14.7	10.9	10.5	10.6	41
11.7	11.6	11.6	46.2	46.2	46.2	11.6	11.2	11.2	36.7	36.7	36.8	38.3	43.2	43.1	42
10.2	10.4	10.5	38.8	38.4	38.5	10.5	10.3	10.2	32.8	32.6	32.8	31.4	35.7	35.6	43
28.4	28.5	28.3	64.4	65.3	65.3	33.0	32.7	32.9	146.3	147.9	148.1	266.2	267.6	267.4	44
63.5	63.2	63.4	247.0	253.6	255.3	77.2	77.3	77.6	304.4	309.2	309.7	507.2	517.8	518.5	45
185.3	180.9	183.1	732.3	729.1	726.1	188.2	189.8	191.6	589.6	607.7	603.6	556.6	560.7	555.8	46
14.6	14.0	14.0	69.7	70.3	68.7	18.1	18.6	18.7	57.8	58.3	55.9	37.5	38.3	38.6	47
20.5	20.8	20.6	66.6	68.3	68.4	26.7	27.3	27.2	46.2	46.6	46.7	51.5	52.3	52.3	48
59.6	57.4	57.0	152.7	151.5	150.6	44.0	43.1	43.2	140.6	142.2	140.8	81.1	85.3	84.8	49
11.8	11.5	11.5	55.7	59.0	59.9	14.1	13.9	13.9	52.2	52.7	53.8	36.6	36.1	36.0	50
4.2	4.3	4.2	18.4	18.3	18.4	3.5	3.5	3.5	13.6	14.6	14.8	24.0	24.1	24.1	51
26.8	26.1	26.2	119.0	121.1	121.1	29.0	28.6	28.6	90.7	92.2	90.4	68.9	71.6	71.6	52
6.7	6.6	6.6	39.0	39.7	39.6	10.2	10.6	10.5	35.0	36.7	36.3	23.7	24.2	24.1	53
111.8	113.4	114.0	383.5	380.7	381.1	97.6	95.2	95.1	252.6	253.5	253.7	354.9	365.2	365.3	54
67.4	68.3	68.5	202.4	203.2	201.2	58.3	57.5	57.4	129.3	133.4	134.0	124.5	128.5	128.5	55
3.9	3.8	3.8	16.7	18.8	18.8	3.5	3.6	3.5	13.2	13.9	14.0	26.3	27.1	27.2	56
2.8	2.7	2.6	13.6	14.5	14.4	4.4	4.5	4.6	9.5	9.6	9.7	17.6	17.9	17.9	57
3.7	3.6	3.6	17.0	18.6	18.5	5.6	5.4	5.4	14.0	13.7	13.7	30.5	30.4	30.5	58
7.6	7.2	7.2	16.3	16.5	16.9	3.6	3.6	3.6	11.9	11.6	12.0	13.1	13.5	13.5	59
25.2	25.6	25.6	84.1	85.7	85.8	23.1	23.4	23.6	72.1	73.4	73.5	82.8	85.9	86.7	60
21.3	21.6	21.5	71.7	73.1	73.3	21.0	21.1	21.2	59.5	60.4	60.5	71.7	73.9	74.5	61

ESTABLISHMENT DATA  
STATE AND AREA EMPLOYMENT

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		
	APR. 1975	MAR. 1976	APR. 1976P	APR. 1975	MAR. 1976	APR. 1976P	APR. 1975	MAR. 1976	APR. 1976P	APR. 1975	MAR. 1976	APR. 1976P
1 IDAHO <sup>6</sup>	261.9	268.6	272.7	3.6	3.7	3.3	14.3	13.5	15.2	45.0	47.6	47.9
2 Boise City <sup>4</sup>	56.5	63.1	63.8	(1)	(1)	(1)	4.9	5.3	5.4	5.6	6.1	6.1
3 ILLINOIS	4,409.6	4,388.0	4,417.1	24.9	24.9	24.9	172.0	158.5	169.5	1,220.0	1,200.5	1,206.5
4 Bloomington—Normal	45.6	46.4	(*)	(2)	(2)	(*)	1.5	1.0	(*)	6.7	6.9	(*)
5 Champaign—Urbana—Rantoul	66.1	67.2	(*)	(2)	(2)	(*)	2.6	2.2	(*)	5.9	6.2	(*)
6 Chicago—Gary	3,202.4	3,187.2	(*)	4.5	4.4	(*)	125.3	116.5	(*)	911.9	905.7	(*)
7 Chicago SMSA <sup>5</sup>	2,970.2	2,964.5	2,968.0	4.4	4.2	4.3	112.8	107.3	113.6	815.0	807.0	801.4
8 Davenport—Rock Island—Moline	150.4	151.8	(*)	(2)	(2)	(*)	5.9	5.7	(*)	48.1	47.4	(*)
9 Decatur	52.5	52.4	(*)	(2)	(2)	(*)	2.6	2.7	(*)	19.8	19.5	(*)
10 Peoria	143.6	143.3	(*)	(2)	(2)	(*)	7.6	7.2	(*)	52.7	51.5	(*)
11 Rockford	107.1	110.4	(*)	(2)	(2)	(*)	2.9	2.8	(*)	46.6	49.2	(*)
12 Springfield	78.1	77.4	(*)	(2)	(2)	(*)	3.9	3.1	(*)	9.0	8.3	(*)
13 INDIANA	1,905.3	1,942.3	1,966.3	7.5	7.6	8.1	74.1	71.2	76.8	632.8	662.2	669.7
14 Evansville	105.2	106.2	107.0	2.1	2.2	2.2	4.6	4.5	4.6	33.8	34.8	35.3
15 Fort Wayne	147.7	147.6	149.7	(1)	(1)	(1)	5.8	5.1	5.6	51.6	52.8	53.4
16 Gary—Hammond—East Chicago <sup>5</sup>	232.2	228.5	230.9	(1)	(1)	(1)	12.5	11.5	12.1	96.9	94.7	95.5
17 Indianapolis	444.8	443.5	445.8	(1)	(1)	(1)	15.6	11.8	12.3	117.1	119.1	119.8
18 Muncie	45.1	45.4	46.2	(1)	(1)	(1)	1.4	1.2	1.3	14.2	14.4	14.6
19 South Bend	99.9	100.0	101.0	(1)	(1)	(1)	3.6	3.4	3.5	30.1	30.4	30.9
20 Terre Haute	57.1	58.0	58.1	.9	1.0	1.0	2.0	1.8	2.0	15.1	16.0	16.0
21 IOWA	564.8	999.9	1,014.0	2.7	2.5	2.7	43.3	39.9	44.9	228.0	229.8	230.6
22 Cedar Rapids	72.7	73.9	74.6	(1)	(1)	(1)	2.6	3.1	3.2	26.5	26.7	27.1
23 Des Moines	154.3	155.7	156.2	(1)	(1)	(1)	6.4	6.3	6.8	25.3	24.3	24.1
24 Dubuque	39.9	39.3	39.2	(1)	(1)	(1)	1.5	1.1	1.1	15.9	15.5	15.3
25 Sioux City	49.1	49.3	49.7	(1)	(1)	(1)	3.0	2.5	3.3	12.0	12.4	12.0
26 Waterloo—Cedar Falls	57.5	57.2	58.0	(1)	(1)	(1)	2.1	1.8	2.0	21.0	20.3	20.4
27 KANSAS	789.3	817.9	824.8	10.7	10.4	10.5	36.7	38.4	40.2	159.3	162.5	162.5
28 Topeka	75.2	76.1	76.0	.1	.1	.1	2.3	2.6	2.7	10.9	10.7	10.8
29 Wichita	166.6	167.4	168.1	2.1	2.0	2.0	7.5	7.4	8.0	51.5	51.9	51.7
30 KENTUCKY	1,031.3	1,048.0	1,057.7	45.0	44.5	44.6	44.7	45.5	50.1	249.0	254.9	256.4
31 Lexington—Fayette	119.6	121.4	122.7	(1)	(1)	(1)	5.8	5.0	5.4	28.4	29.9	29.7
32 Louisville	345.0	340.9	(*)	(1)	(1)	(1)	15.0	12.0	(*)	103.2	101.5	(*)
33 LOUISIANA	1,196.7	1,236.9	1,207.9	55.0	55.4	55.3	88.6	91.0	90.4	181.8	180.7	180.7
34 Baton Rouge	150.0	158.5	158.1	.9	.9	.9	13.4	18.4	17.7	22.0	21.5	21.6
35 Lake Charles	47.6	48.3	48.2	1.2	1.3	1.3	5.3	4.8	4.5	10.5	10.9	10.8
36 Monroe	42.1	43.3	43.4	.3	.4	.3	3.7	3.7	3.8	6.9	6.8	6.8
37 New Orleans	418.3	422.9	423.7	15.0	15.3	15.2	26.8	26.3	26.5	49.3	49.3	50.2
38 Shreveport	121.9	125.2	125.8	4.4	4.3	4.3	7.8	8.1	8.2	24.5	25.5	25.6
39 MAINE	345.5	354.5	358.0	(1)	(1)	(1)	14.4	15.3	17.1	91.5	99.3	100.5
40 Lewiston—Auburn	28.8	29.6	30.1	(1)	(1)	(1)	1.0	.9	1.0	10.1	11.2	11.3
41 Portland	74.9	75.4	76.2	(1)	(1)	(1)	2.7	2.8	3.0	15.2	16.0	16.1
42 MARYLAND <sup>6</sup>	1,410.7	1,419.2	1,432.8	1.7	1.7	1.7	84.0	84.6	86.8	230.4	224.8	230.2
43 Baltimore	836.1	841.3	847.5	.3	.3	.3	38.7	39.6	40.8	163.3	157.7	162.4
44 MASSACHUSETTS	2,307.9	2,323.6	2,344.8	(1)	(1)	(1)	77.6	60.8	67.0	590.0	601.5	604.2
45 Boston	1,293.8	1,297.5	1,307.9	(1)	(1)	(1)	47.9	41.4	44.5	258.8	260.5	262.5
46 Brockton	48.9	50.0	50.7	-	-	-	1.4	1.2	1.4	11.6	11.5	11.7
47 Fall River	47.7	49.4	49.8	(1)	(1)	(1)	(1)	(1)	(1)	19.2	20.6	20.3
48 Lawrence—Haverhill <sup>7</sup>	95.7	93.2	94.5	(1)	(1)	(1)	2.2	1.8	2.0	38.6	36.5	36.3
49 Lowell	56.3	59.8	60.6	(1)	(1)	(1)	2.0	1.5	1.7	19.1	20.3	20.5
50 New Bedford	56.4	58.3	59.1	(1)	(1)	(1)	1.3	1.0	1.1	22.6	24.5	24.8
51 Springfield—Chicopee—Holyoke	208.9	211.3	214.1	(1)	(1)	(1)	5.9	5.0	5.8	60.0	63.0	63.7
52 Worcester <sup>7</sup>	140.2	141.0	142.7	(1)	(1)	(1)	4.2	3.8	4.2	42.0	41.5	41.8
53 MICHIGAN	3,083.1	3,143.7	3,176.8	13.2	11.9	12.4	90.1	76.6	81.9	958.4	1,015.4	1,034.1
54 Ann Arbor	105.1	114.9	115.7	(1)	(1)	(1)	1.8	1.5	1.7	30.2	34.6	34.8
55 Battle Creek	60.8	61.7	62.6	(1)	(1)	(1)	1.2	1.2	1.4	22.3	22.3	22.8
56 Bay City	31.3	31.9	32.5	(1)	(1)	(1)	.9	.9	1.1	9.1	9.5	9.7
57 Detroit	1,537.4	1,583.0	1,597.5	1.0	1.1	1.2	44.1	38.7	40.1	494.7	533.3	542.4
58 Flint	159.7	174.9	175.8	(1)	(1)	(1)	3.6	3.2	3.3	62.0	72.5	73.1
59 Grand Rapids	207.9	210.7	214.6	(1)	(1)	(1)	8.0	7.0	7.6	66.3	69.4	70.8
60 Jackson	49.3	48.2	48.6	(1)	(1)	(1)	1.4	1.1	1.4	16.2	14.7	14.7
61 Kalamazoo—Portage	93.9	97.3	98.0	(1)	(1)	(1)	3.8	3.5	3.7	30.2	31.6	31.8
62 Lansing—East Lansing	155.3	162.7	163.8	(1)	(1)	(1)	4.3	3.9	4.3	32.4	37.0	37.6
63 Muskegon—Norton Shore—Muskegon Hgts.	55.7	57.5	58.3	(1)	(1)	(1)	1.8	1.5	1.7	21.0	22.2	22.4

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			
APR. 1975	MAR. 1976	APR. 1976P	APR. 1975	MAR. 1976	APR. 1976P	APR. 1975	MAR. 1976	APR. 1976P	APR. 1975	MAR. 1976	APR. 1976P	APR. 1975	MAR. 1976	APR. 1976P	
16.0	16.3	16.5	66.2	67.5	69.0	11.0	11.6	11.7	43.2	46.4	46.0	62.7	62.0	63.1	1
3.7	3.8	3.9	15.4	16.6	16.9	3.9	4.1	4.1	9.5	10.1	10.2	15.5	17.1	17.2	2
282.5	277.8	278.9	990.8	1,001.8	1,005.9	254.6	251.3	251.6	771.7	781.5	789.8	693.1	691.7	689.9	3
3.0	3.1	(*)	10.0	10.4	(*)	6.2	6.3	(*)	6.9	7.0	(*)	11.4	11.8	(*)	4
2.5	2.7	(*)	13.5	13.5	(*)	1.7	1.8	(*)	9.4	10.0	(*)	30.5	30.9	(*)	5
215.0	208.7	(*)	719.1	727.9	(*)	201.1	197.7	(*)	591.9	595.7	(*)	433.7	430.7	(*)	6
200.5	195.9	195.8	677.0	686.4	686.0	193.7	190.5	190.9	562.1	565.5	569.4	404.7	407.6	406.6	7
7.8	7.7	(*)	36.5	37.2	(*)	5.9	6.2	(*)	21.7	22.0	(*)	24.4	25.7	(*)	8
4.4	4.4	(*)	9.9	9.9	(*)	2.2	2.3	(*)	8.4	8.4	(*)	5.2	5.4	(*)	9
7.3	7.4	(*)	31.2	31.5	(*)	6.1	6.2	(*)	22.7	23.2	(*)	16.1	16.2	(*)	10
4.1	4.1	(*)	23.3	23.4	(*)	3.4	3.4	(*)	15.2	15.5	(*)	11.6	12.1	(*)	11
4.4	4.3	(*)	15.2	15.5	(*)	6.1	6.3	(*)	14.1	14.0	(*)	25.3	25.9	(*)	12
95.5	99.3	99.5	411.8	411.6	419.7	88.8	88.1	88.6	270.4	271.0	273.0	320.1	331.3	331.0	13
5.7	5.6	5.6	24.4	24.3	24.6	3.7	3.6	3.6	19.0	19.1	19.1	11.9	12.1	12.0	14
9.4	9.3	9.4	35.1	34.5	35.1	8.5	8.5	8.6	22.1	22.1	22.3	15.2	15.3	15.3	15
14.5	13.8	13.5	42.1	41.5	42.0	7.4	7.5	7.5	29.8	30.6	30.9	29.0	28.9	29.0	16
26.8	26.6	26.8	105.0	104.8	105.1	32.2	32.0	32.0	68.3	68.0	68.3	79.8	81.2	81.5	17
1.9	1.9	1.9	9.9	9.7	10.0	1.5	1.5	1.5	6.1	6.1	6.2	10.1	10.6	10.7	18
4.8	4.8	4.8	23.2	22.9	23.3	5.7	5.3	5.3	20.5	21.1	21.1	12.0	12.1	12.1	19
4.1	4.0	4.0	13.5	13.4	13.3	1.8	1.8	1.8	8.4	8.5	8.6	11.3	11.5	11.4	20
54.1	54.2	54.3	242.1	246.2	250.6	46.8	46.9	47.0	176.1	179.5	182.8	191.7	200.9	201.0	21
3.7	3.6	3.6	15.1	15.3	15.4	3.4	3.5	3.5	12.3	12.6	12.7	5.3	9.0	9.1	22
10.4	10.6	10.6	38.8	35.2	39.2	17.3	17.4	17.3	29.9	30.1	30.4	26.2	27.8	27.9	23
1.6	1.6	1.6	7.9	7.9	8.0	1.1	1.1	1.1	8.3	8.5	8.5	3.5	3.6	3.6	24
3.7	3.6	3.6	12.0	11.9	11.9	2.4	2.5	2.5	9.9	9.8	10.0	6.1	6.3	6.3	25
2.3	2.3	2.3	11.9	12.2	12.4	1.6	1.5	1.6	8.5	8.6	8.8	10.1	10.4	10.5	26
54.1	56.1	56.2	185.2	195.2	198.4	37.3	39.0	39.1	132.2	137.6	139.1	173.8	178.7	178.8	27
7.2	7.1	7.2	16.2	15.8	16.0	5.2	5.4	5.4	13.3	13.4	13.6	20.3	21.0	20.8	28
8.3	8.2	8.3	36.6	37.0	37.3	7.9	8.0	8.0	30.5	30.6	30.6	22.3	22.3	22.2	29
59.1	58.4	59.0	212.4	214.1	214.7	41.6	41.7	41.8	164.6	165.9	167.8	214.9	223.0	223.3	30
6.0	5.6	5.6	25.4	25.1	26.0	5.2	5.4	5.3	18.7	18.8	19.8	30.1	31.6	30.9	31
21.5	22.0	(*)	76.3	74.1	(*)	19.5	19.6	(*)	59.7	60.9	(*)	49.8	50.8	(*)	32
97.8	97.4	97.5	275.4	277.3	278.0	58.8	59.0	59.2	192.6	195.7	196.4	246.7	250.4	250.4	33
8.5	8.9	9.0	29.5	30.3	30.5	8.2	8.8	8.7	19.8	20.9	20.9	47.7	48.8	48.8	34
2.8	2.8	2.9	10.5	10.6	10.7	2.0	2.1	2.2	7.3	7.6	7.6	8.0	8.2	8.2	35
2.6	2.6	2.6	10.9	11.5	11.6	3.0	3.1	3.1	6.3	6.2	6.2	8.4	9.0	9.0	36
43.9	43.6	43.4	105.0	107.2	107.6	25.9	25.9	25.8	83.8	85.9	85.7	68.6	69.4	69.3	37
10.6	9.9	10.0	29.2	30.6	30.7	5.6	5.6	5.6	20.1	20.7	20.8	19.7	20.5	20.6	38
17.3	16.5	16.4	71.9	71.1	71.6	13.8	13.8	13.9	56.7	57.4	58.1	79.9	81.1	80.4	39
1.1	1.1	1.1	6.6	6.3	6.5	1.3	1.3	1.3	5.9	5.8	5.9	2.8	3.0	3.0	40
4.6	4.6	4.5	18.9	19.0	19.3	6.0	5.8	5.8	14.5	14.4	14.5	13.0	12.8	13.0	41
78.8	77.7	78.4	348.7	352.7	356.2	78.5	77.6	78.0	283.8	286.8	291.0	304.8	313.3	310.5	42
54.2	54.0	54.4	189.7	191.3	192.0	47.8	46.7	46.8	155.7	157.3	159.0	186.4	194.4	191.8	43
114.1	111.4	112.3	519.5	526.1	531.6	138.5	136.0	136.9	501.8	517.0	522.8	366.4	370.8	370.0	44
70.4	67.7	68.4	293.7	299.4	300.0	99.3	99.0	99.6	331.3	335.9	340.2	192.4	193.6	192.7	45
3.6	3.6	3.6	12.9	14.4	14.4	1.7	1.7	1.6	7.8	7.9	8.3	8.9	9.7	9.7	46
2.0	1.9	1.9	9.4	9.6	10.0	(1)	(1)	(1)	11.5	11.5	11.8	5.6	5.8	5.8	47
3.6	3.3	3.3	18.5	18.2	18.9	3.2	3.3	3.3	14.2	14.2	14.5	15.4	15.9	16.2	48
2.4	2.4	2.5	13.1	13.1	13.2	1.9	1.9	1.9	9.8	10.0	10.1	10.0	10.6	10.7	49
2.6	2.6	2.5	10.7	10.9	10.9	(1)	(1)	(1)	11.6	11.6	12.1	7.6	7.7	7.7	50
8.8	8.4	8.4	45.1	44.7	45.0	11.3	11.1	11.2	36.3	36.4	37.2	41.5	42.7	42.8	51
6.2	7.1	7.2	30.3	29.4	30.0	7.9	7.9	7.8	26.3	26.9	27.3	23.3	24.4	24.4	52
141.8	142.8	143.8	644.9	643.5	655.2	128.1	128.0	128.5	517.3	517.0	516.4	589.3	608.6	604.4	53
2.3	2.4	2.4	15.2	15.9	16.4	3.2	3.2	3.3	15.1	15.9	16.1	41.3	41.3	41.1	54
2.3	2.2	2.3	9.6	10.1	10.2	3.8	3.8	3.8	9.5	9.7	9.8	12.1	12.3	12.3	55
1.9	1.9	1.8	7.7	8.0	8.1	1.0	1.0	1.0	5.7	5.7	5.8	5.0	5.0	5.0	56
76.2	77.2	77.9	316.1	312.9	317.4	74.7	74.8	74.9	279.6	280.8	281.0	251.0	264.2	262.7	57
5.1	6.3	6.4	32.8	35.3	35.3	4.9	5.0	5.1	23.6	23.4	23.6	27.9	29.0	29.2	58
8.8	9.1	9.1	50.3	49.3	51.2	8.0	8.1	8.1	36.7	37.4	37.6	29.7	30.4	30.2	59
4.2	4.2	4.2	9.2	9.1	9.2	1.4	1.5	1.5	8.4	8.7	8.8	8.4	8.9	8.9	60
3.0	3.1	3.1	17.8	18.9	19.1	3.1	3.1	3.1	16.3	16.7	16.9	19.6	20.2	20.3	61
3.9	3.9	4.0	28.5	28.3	28.7	7.3	7.5	7.6	22.2	22.6	22.9	56.7	59.5	58.9	62
2.8	2.9	2.9	10.0	10.0	10.3	1.5	1.5	1.5	8.3	8.5	8.7	10.3	10.9	10.9	63



ESTABLISHMENT DATA  
STATE AND AREA EMPLOYMENT

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		
	APR. 1975	MAR. 1976	APR. 1976P	APR. 1975	MAR. 1976	APR. 1976P	APR. 1975	MAR. 1976	APR. 1976P	APR. 1975	MAR. 1976	APR. 1976P
MICHIGAN—Continued												
1 Saginaw .....	75.2	79.8	81.3	(1)	(1)	(1)	1.9	1.9	2.1	27.7	30.8	31.5
2 MINNESOTA .....	1,444.3	1,467.6	1,485.6	13.7	13.2	13.8	51.4	53.4	59.6	307.3	305.6	307.6
3 Duluth—Superior .....	54.4	55.3	56.4	(1)	(1)	(1)	1.8	2.1	2.3	7.7	7.5	7.7
4 Minneapolis—St. Paul .....	887.0	855.4	905.2	(1)	(1)	(1)	29.8	30.5	34.1	201.9	197.3	198.4
5 MISSISSIPPI .....	657.9	679.3	683.9	6.2	6.3	6.3	36.7	35.7	36.5	189.4	206.0	208.3
6 Jackson .....	114.9	115.9	116.2	.8	.8	.9	6.5	5.2	5.0	16.6	17.1	17.1
7 MISSOURI .....	1,706.9	1,733.3	1,747.0	8.9	8.2	8.4	66.9	64.0	67.0	384.4	412.4	413.8
8 Kansas City .....	539.9	546.7	545.0	.6	.6	.6	25.3	23.8	18.5	105.6	111.1	110.9
9 St. Joseph .....	34.2	35.1	35.5	(2)	(2)	(2)	1.6	1.5	1.7	8.9	9.4	9.4
10 St. Louis .....	880.6	901.5	902.7	3.0	3.0	3.0	25.5	29.2	30.5	227.2	246.3	245.4
11 Springfield .....	68.9	70.4	71.4	.2	.2	.2	2.7	2.4	2.5	16.5	17.1	17.4
12 MONTANA .....	231.8	238.3	240.5	6.9	5.8	5.8	10.5	10.3	10.9	20.4	21.5	21.6
13 Billings .....	37.9	38.8	39.1	(1)	(1)	(1)	1.8	2.0	2.0	3.0	3.1	3.2
14 Great Falls .....	26.9	27.4	27.8	(1)	(1)	(1)	1.4	1.3	1.4	1.7	1.7	1.7
15 NEBRASKA .....	548.5	552.7	555.3	1.5	1.4	1.5	25.2	23.2	26.4	85.2	85.8	87.0
16 Lincoln .....	86.9	88.5	89.3	-	-	-	4.1	3.7	4.3	12.5	13.2	13.3
17 Omaha .....	230.7	230.5	232.9	(2)	(2)	(2)	9.7	9.7	11.1	34.2	33.1	33.4
18 NEVADA .....	256.3	266.5	272.1	4.3	3.6	3.7	11.2	12.4	13.0	11.8	12.8	12.9
19 Las Vegas .....	140.1	144.8	147.8	.2	.2	.3	6.5	7.1	7.4	4.9	5.4	5.4
20 Reno .....	71.9	76.2	77.9	.3	.3	.3	3.1	3.8	4.0	4.7	5.1	5.2
21 NEW HAMPSHIRE .....	282.3	291.1	295.8	.3	.3	.4	11.3	9.9	11.6	82.7	89.1	89.8
22 Manchester .....	54.8	55.6	56.6	(1)	(1)	(1)	2.0	1.6	1.9	15.3	16.4	16.4
23 NEW JERSEY .....	2,659.5	2,638.4	2,656.0	2.8	2.6	3.0	93.4	78.3	84.7	734.7	729.6	725.8
24 Atlantic City .....	61.6	58.1	59.4	-	-	-	2.6	2.5	2.6	8.3	7.6	7.5
25 Camden <sup>8</sup> .....	282.6	280.3	282.3	.1	.1	.1	13.6	12.0	12.8	62.8	62.4	61.5
26 Hackensack <sup>9</sup> .....	344.5	334.6	336.4	(1)	(1)	(1)	12.6	10.0	11.1	102.1	101.1	101.0
27 Jersey City <sup>10</sup> .....	231.5	231.2	230.8	-	-	-	3.9	3.6	3.7	75.7	74.9	74.4
28 Long Branch—Asbury Park .....	134.1	134.0	134.8	(1)	(1)	(1)	4.9	3.6	3.7	20.6	22.5	22.2
29 New Bruns.—Perth Amboy—Sayreville <sup>11</sup> .....	237.7	234.8	236.9	(1)	(1)	(1)	8.9	6.9	8.4	80.4	76.7	77.1
30 Newark <sup>12</sup> .....	845.5	832.1	836.0	.9	.8	.9	29.5	25.3	26.4	233.0	228.9	230.1
31 Paterson—Clifton—Passaic <sup>13</sup> .....	172.9	173.6	175.0	(1)	(1)	(1)	5.1	4.1	4.8	61.0	64.6	64.1
32 Trenton .....	146.9	150.7	153.0	(1)	(1)	(1)	2.7	2.5	2.7	35.5	37.4	37.1
33 Vineland—Millville—Bridgeton .....	49.3	49.7	49.4	(1)	(1)	(1)	1.6	1.4	1.5	17.3	18.0	17.7
34 NEW MEXICO .....	359.7	374.3	386.5	20.1	20.8	20.9	22.9	23.5	24.6	26.2	28.3	29.1
35 Albuquerque .....	142.4	148.9	152.1	(1)	(1)	(1)	9.4	8.9	9.3	14.1	15.1	15.4
36 NEW YORK .....	6,798.6	6,655.6	6,700.2	7.3	6.7	7.3	202.4	174.1	189.2	1,408.7	1,396.8	1,404.4
37 Albany—Schenectady—Troy .....	305.3	299.2	302.9	(1)	(1)	(1)	10.4	8.5	9.6	59.7	59.7	60.3
38 Binghamton .....	106.1	106.4	107.3	(1)	(1)	(1)	3.8	3.0	3.5	38.7	38.2	38.6
39 Buffalo .....	478.0	474.7	479.9	(1)	(1)	(1)	14.4	12.0	13.2	139.2	138.1	141.1
40 Elmira .....	36.6	36.5	36.6	(1)	(1)	(1)	1.1	1.1	1.1	12.4	12.3	12.3
41 Monroe County <sup>10</sup> .....	311.6	312.3	313.5	(1)	(1)	(1)	9.3	7.2	8.0	124.6	123.3	123.7
42 Nassau—Suffolk <sup>11</sup> .....	781.0	777.8	788.5	(1)	(1)	(1)	33.7	26.1	28.8	139.6	137.1	137.0
43 New York—Northeastern New Jersey .....	6,309.3	6,163.4	6,200.2	(*)	(*)	(*)	194.7	160.7	(*)	1,300.6	1,290.0	(*)
44 New York and Nassau—Suffolk <sup>12</sup> .....	4,475.8	4,359.6	4,375.7	1.9	1.9	1.9	134.7	109.7	115.6	748.4	742.3	741.4
45 New York SMSA <sup>13</sup> .....	3,694.8	3,581.8	3,587.2	1.8	1.8	1.8	101.0	83.6	86.8	608.8	605.2	604.4
46 New York City <sup>14</sup> .....	3,306.7	3,197.5	3,199.9	1.5	1.5	1.5	83.3	71.0	73.0	531.5	527.4	526.5
47 Poughkeepsie .....	87.2	85.3	86.1	(1)	(1)	(1)	2.9	2.5	2.7	29.1	27.1	27.2
48 Rochester .....	379.1	380.6	382.7	(1)	(1)	(1)	10.9	8.6	9.6	141.4	140.6	141.0
49 Rockland County <sup>12</sup> .....	71.5	71.6	72.0	(1)	(1)	(1)	2.0	1.5	1.7	13.4	13.7	13.8
50 Syracuse .....	232.0	233.2	236.9	(1)	(1)	(1)	8.6	8.1	9.2	53.0	53.5	54.1
51 Utica—Rome .....	108.9	106.2	107.4	(1)	(1)	(1)	2.4	1.8	2.2	31.3	30.0	30.2
52 Westchester County <sup>13</sup> .....	306.5	302.8	305.1	(1)	(1)	(1)	14.9	10.4	11.3	62.9	63.2	63.2
53 NORTH CAROLINA .....	1,976.0	2,029.0	2,033.1	3.9	3.7	3.7	116.1	114.5	114.8	717.4	757.3	759.7
54 Asheville .....	59.0	60.5	60.8	(1)	(1)	(1)	3.4	3.8	3.7	17.9	18.6	18.8
55 Charlotte—Gastonia .....	268.6	274.3	274.5	(1)	(1)	(1)	16.0	15.1	15.0	77.9	82.1	82.3
56 Greensboro—Winston-Salem—High Pt. .....	325.0	331.8	332.7	(1)	(1)	(1)	15.0	14.3	14.5	130.7	133.9	134.2
57 Raleigh—Durham .....	212.3	212.3	213.3	(1)	(1)	(1)	12.2	11.7	12.0	34.7	34.8	35.1
58 NORTH DAKOTA .....	195.0	203.9	206.9	1.7	2.4	2.5	10.0	11.1	12.7	15.7	15.6	15.9
59 Fargo—Moorhead .....	49.3	53.6	53.8	.1	.3	.4	2.0	2.5	2.7	3.8	5.0	4.6

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		
APR. 1975	MAR. 1976	APR. 1976P	APR. 1975	MAR. 1976	APR. 1976P	APR. 1975	MAR. 1976	APR. 1976P	APR. 1975	MAR. 1976	APR. 1976P	APR. 1975	MAR. 1976	APR. 1976P
3.7	3.9	3.9	15.5	16.4	16.7	3.2	3.2	3.2	12.2	12.3	12.7	10.9	11.2	11.1
85.0	91.0	91.4	362.8	365.2	375.4	74.3	74.8	75.0	274.5	284.8	288.6	271.2	275.6	278.1
6.3	6.6	6.7	14.2	14.2	14.4	2.0	2.1	2.1	10.8	11.5	11.8	11.6	11.4	11.3
58.1	60.2	60.0	220.1	224.5	227.2	55.2	55.6	55.8	175.8	180.3	182.4	146.0	147.1	147.3
34.1	33.8	33.7	129.5	131.4	132.3	27.4	27.7	27.7	87.5	87.7	88.2	147.2	150.7	150.8
7.3	7.2	7.2	27.0	27.1	27.6	9.2	9.4	9.4	22.3	23.0	23.1	25.3	26.1	26.0
122.3	121.5	122.7	402.4	402.9	406.3	92.8	92.7	93.1	306.0	309.5	313.3	323.5	322.1	322.4
49.6	49.7	49.9	136.4	136.7	138.9	36.3	36.3	36.4	100.8	102.2	104.7	85.3	84.3	85.1
2.3	2.4	2.3	8.2	8.6	8.7	1.6	1.6	1.6	6.0	5.9	6.1	5.6	5.7	5.7
64.1	64.5	64.5	201.2	200.7	200.7	49.1	49.3	49.3	176.4	175.8	176.8	134.1	132.7	132.1
5.0	5.0	5.0	18.3	18.7	19.1	2.6	2.6	2.7	13.3	13.7	13.8	10.3	10.7	10.7
18.5	19.0	19.1	57.8	58.3	59.2	10.0	10.5	10.5	43.8	45.4	45.3	63.9	67.5	68.1
3.4	3.2	3.2	12.4	12.8	12.8	1.9	2.0	2.1	8.0	8.2	8.2	7.4	7.5	7.6
1.5	1.8	1.9	8.2	8.3	8.5	1.8	1.9	1.9	5.9	6.3	6.3	6.0	6.1	6.1
39.1	40.8	41.0	140.3	144.0	145.1	33.6	34.3	34.5	100.2	100.1	100.5	123.4	123.2	123.3
5.5	5.7	5.8	18.0	18.3	18.3	6.0	6.2	6.2	14.6	15.2	15.1	26.1	26.2	26.2
21.5	20.8	20.9	58.4	58.2	58.6	19.5	19.9	20.1	48.7	47.7	48.1	38.7	41.2	40.7
16.5	17.4	17.5	49.2	52.3	53.4	10.4	10.8	10.9	106.5	109.6	113.0	46.0	47.6	47.7
9.1	9.4	9.5	26.8	28.7	29.3	5.5	5.7	5.6	67.6	67.9	69.9	19.5	20.4	20.4
5.5	5.6	5.7	15.6	16.1	16.3	3.9	4.0	4.1	25.1	27.1	28.0	13.7	14.2	14.3
12.3	12.2	11.9	61.1	62.7	63.7	13.9	14.0	14.0	53.4	53.9	55.5	47.3	49.0	48.9
3.6	3.5	3.5	12.8	12.7	13.2	3.9	3.9	3.9	10.5	10.5	10.7	6.7	7.0	7.0
175.5	178.3	178.9	578.6	573.5	582.0	135.0	134.8	136.9	469.4	469.0	473.2	470.1	472.3	471.5
3.3	3.0	3.1	16.2	14.8	15.4	3.6	3.9	3.9	14.5	13.5	14.4	13.1	12.8	12.5
14.7	13.7	13.4	72.8	72.4	73.2	13.3	13.0	13.3	50.9	52.8	53.6	54.4	53.9	54.4
17.3	17.0	16.9	97.5	95.1	96.1	13.5	13.8	14.1	60.3	59.0	59.4	41.2	38.6	37.8
30.0	29.4	29.5	42.7	42.5	42.6	6.6	8.7	8.9	28.8	28.3	28.2	41.8	43.8	43.5
5.7	5.7	5.8	32.7	32.6	33.1	5.4	5.4	5.5	30.9	30.2	30.3	33.9	34.0	34.2
17.3	16.4	16.4	50.9	53.0	53.2	6.5	7.0	7.2	30.2	31.2	30.9	43.5	43.6	43.7
63.1	63.3	63.5	162.0	158.1	158.6	60.1	59.0	59.5	155.4	154.2	155.1	141.5	142.5	141.9
6.9	5.9	5.9	39.6	39.1	39.7	8.4	8.3	8.4	27.2	27.7	28.2	24.7	23.9	23.9
5.4	5.0	5.0	21.5	21.4	22.8	6.3	6.2	6.4	36.3	36.0	36.9	39.2	42.2	42.1
3.2	3.0	3.0	7.6	7.3	7.4	2.6	2.5	2.5	7.0	7.1	7.0	10.0	10.4	10.3
22.7	22.9	23.0	78.9	82.0	84.7	16.3	16.8	17.1	65.8	70.3	71.2	106.8	108.3	109.9
8.1	8.2	8.4	34.6	38.0	38.8	8.4	8.5	8.7	32.1	34.4	34.8	35.7	35.8	36.7
432.6	425.5	425.7	1,381.4	1,362.5	1,373.5	579.3	575.7	578.8	1,443.0	1,433.5	1,444.7	1,343.9	1,281.0	1,276.7
15.2	14.7	14.6	59.9	58.7	58.9	13.5	13.4	13.6	57.1	58.5	60.0	89.5	85.7	85.8
4.6	4.6	4.6	18.9	19.7	19.9	3.5	3.6	3.7	13.8	13.9	14.0	22.9	23.3	23.0
27.2	26.2	26.8	104.1	105.0	105.9	15.5	19.6	19.7	85.8	86.6	87.4	87.5	87.2	85.9
1.4	1.4	1.5	7.8	7.6	7.8	1.0	1.0	1.0	6.2	6.1	6.2	6.8	7.0	6.7
5.5	10.5	10.4	56.1	56.6	57.2	13.4	13.8	13.8	58.7	60.8	60.8	39.9	40.1	39.7
34.6	34.3	34.1	203.1	205.7	208.2	42.0	42.9	43.6	161.2	162.6	166.9	166.8	169.0	169.8
460.6	451.1	(*)	1,317.4	1,308.2	(*)	582.1	577.9	(*)	1,331.6	1,321.3	(*)	1,119.9	1,051.8	(*)
325.8	318.9	317.7	924.7	920.6	924.8	483.5	481.0	483.5	1,029.4	1,021.0	1,027.5	827.0	764.1	763.2
291.2	284.5	283.5	721.6	714.9	716.6	441.9	438.2	439.9	868.3	858.5	860.7	660.2	595.1	593.4
269.0	262.6	261.6	633.9	625.7	627.1	422.3	418.2	419.5	780.2	769.4	769.9	585.0	521.8	520.8
2.7	2.7	2.7	14.4	14.7	15.0	2.5	2.5	2.5	14.6	14.8	15.3	21.0	21.1	20.8
12.1	13.1	13.0	71.7	72.5	73.7	15.0	15.5	15.7	68.4	70.1	70.3	59.7	60.1	59.5
3.9	3.6	3.6	15.2	15.9	16.1	2.4	2.4	2.5	15.0	14.9	15.2	19.6	19.5	19.2
13.6	13.6	13.8	51.4	52.3	53.3	14.1	14.3	14.4	44.6	44.2	45.0	46.7	47.2	47.1
4.0	3.9	3.9	19.5	19.3	19.7	4.9	4.7	4.8	17.5	18.0	18.3	29.2	28.6	28.5
18.0	17.9	17.8	65.9	70.6	70.6	16.9	17.2	17.5	71.1	72.3	73.7	53.0	51.3	51.0
58.7	99.6	95.6	370.4	372.2	373.3	85.7	85.8	86.0	265.6	265.7	266.9	318.2	330.2	329.1
3.3	3.1	3.1	12.4	12.5	12.4	2.4	2.4	2.5	10.4	10.5	10.7	9.2	9.6	9.6
22.9	24.3	24.0	64.5	64.4	64.5	17.7	17.5	17.6	37.2	37.3	37.3	32.4	33.9	33.8
18.6	15.1	15.2	59.6	60.2	60.5	15.6	15.1	15.2	43.9	45.0	45.0	41.6	44.2	44.1
10.4	10.1	10.2	40.6	40.2	40.2	13.9	13.4	13.5	41.1	41.4	41.8	59.4	60.7	60.5
12.3	12.4	12.5	53.6	56.4	57.4	8.5	8.9	9.0	39.3	41.5	41.4	54.0	55.7	55.7
3.4	3.3	3.3	15.4	16.2	16.5	2.8	3.1	3.1	11.1	11.7	11.8	10.9	11.8	11.8

ESTABLISHMENT DATA  
STATE AND AREA EMPLOYMENT

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		
	APR. 1975	MAR. 1976	APR. 1976P	APR. 1975	MAR. 1976	APR. 1976P	APR. 1975	MAR. 1976	APR. 1976P	APR. 1975	MAR. 1976	APR. 1976P
1 OHIO .....	3,982.7	4,006.7	4,044.5	26.1	27.7	28.2	140.3	127.2	136.3	1,244.9	1,267.6	1,271.1
2 Akron .....	245.9	242.5	244.9	.2	.2	.2	6.7	6.1	6.5	83.5	82.6	82.6
3 Canton .....	145.4	145.2	147.0	.6	.6	.6	4.8	4.5	4.8	56.0	54.3	54.7
4 Cincinnati .....	528.2	529.1	534.3	.4	.4	.4	20.4	18.5	19.8	153.4	151.5	151.6
5 Cleveland .....	845.0	847.6	855.0	1.4	1.4	1.4	28.2	25.8	27.5	256.5	254.7	256.6
6 Columbus .....	442.5	443.2	446.6	.7	.7	.7	15.3	13.9	14.6	89.4	91.5	91.1
7 Dayton .....	316.6	320.2	322.7	.4	.3	.3	10.2	8.8	9.6	97.0	99.8	101.1
8 Toledo .....	271.9	274.1	277.5	.6	.6	.6	10.5	8.9	9.6	78.9	82.7	83.3
9 Youngstown—Warren .....	200.7	200.8	201.0	.3	.3	.3	6.2	4.9	5.2	79.9	81.5	79.8
10 OKLAHOMA .....	880.7	898.2	902.7	39.4	40.7	40.5	42.2	42.4	43.2	147.2	150.6	151.3
11 Oklahoma City .....	310.3	314.0	314.0	8.5	8.8	9.0	16.3	15.9	16.0	39.7	38.5	38.4
12 Tulsa .....	220.8	225.6	226.7	13.4	14.0	14.2	13.3	12.3	12.7	50.2	50.7	50.5
13 OREGON .....	815.4	842.3	848.3	1.5	1.2	1.2	32.0	30.9	32.1	173.2	181.1	181.7
14 Eugene—Springfield .....	81.9	86.0	86.5	(1)	(1)	(1)	3.3	3.3	3.3	17.5	18.8	19.0
15 Jackson County .....	—	—	—	—	—	—	—	—	—	6.1	6.5	6.5
16 Portland .....	433.3	445.7	446.5	(1)	(1)	(1)	16.9	17.0	17.5	88.3	91.1	90.2
17 Salem .....	66.2	67.7	68.5	(1)	(1)	(1)	3.0	3.0	3.1	9.6	10.3	10.5
18 PENNSYLVANIA .....	4,386.5	4,384.2	4,424.3	44.4	47.5	48.1	176.0	169.7	181.3	1,324.5	1,319.6	1,328.7
19 Allentown—Bethlehem—Easton .....	248.7	247.5	249.9	.9	1.0	1.0	10.4	10.1	10.0	106.6	105.2	106.9
20 Altoona .....	46.6	48.4	48.9	(1)	(1)	(1)	2.0	1.6	1.7	12.6	13.0	13.0
21 Delaware Valley <sup>13</sup> .....	1,490.2	1,496.7	1,502.5	1.0	1.0	1.0	58.3	52.6	55.2	387.1	386.2	388.5
22 Erie .....	108.2	106.0	106.5	(1)	(1)	(1)	3.1	2.3	2.4	44.7	41.6	41.8
23 Harrisburg .....	198.3	200.0	202.1	(1)	(1)	(1)	8.8	8.4	9.5	36.2	37.8	38.4
24 Johnstown .....	84.1	84.8	86.1	8.2	8.5	8.6	2.1	1.8	2.1	23.1	22.7	22.9
25 Lancaster .....	130.8	131.3	132.6	(1)	(1)	(1)	6.8	6.1	6.3	52.0	52.4	52.7
26 Northeast Pennsylvania .....	222.2	221.7	223.1	.4	1.1	1.1	10.9	9.9	11.0	71.1	71.3	71.0
27 Philadelphia SMSA .....	1,772.9	1,776.9	1,785.0	1.1	1.1	1.1	71.9	64.5	68.0	450.0	448.7	450.1
28 Philadelphia City <sup>14</sup> .....	808.1	807.7	809.9	—	—	—	22.4	19.6	20.6	164.5	164.7	165.6
29 Pittsburgh .....	881.3	867.4	875.1	10.5	10.9	11.1	38.3	34.0	35.7	252.5	243.9	246.1
30 Reading .....	124.5	129.4	129.7	(1)	(1)	(1)	4.4	4.5	4.8	47.0	49.6	49.4
31 Scranton <sup>15</sup> .....	75.6	80.4	80.5	—	—	—	2.3	1.9	2.1	26.2	27.0	26.6
32 Wilkes-Barre—Hazleton <sup>16</sup> .....	118.4	118.1	119.7	.3	1.0	1.0	7.4	7.2	8.0	40.0	40.1	40.3
33 Williamsport .....	43.3	43.2	43.7	(1)	(1)	(1)	1.4	1.1	1.3	17.4	17.6	17.9
34 York .....	128.5	131.1	130.9	(1)	(1)	(1)	5.5	5.6	5.9	53.8	56.8	56.6
35 RHODE ISLAND .....	339.4	339.5	343.2	(1)	(1)	(1)	10.3	8.8	9.4	105.7	116.7	112.3
36 Providence—Warwick—Pawtucket .....	350.5	351.3	355.2	(1)	(1)	(1)	10.5	9.0	9.6	117.9	123.6	125.3
37 SOUTH CAROLINA <sup>4</sup> .....	959.8	1,009.5	1,016.1	2.0	1.9	1.8	60.8	58.0	57.7	323.9	361.4	361.9
38 Charleston—North Charleston <sup>18</sup> .....	113.2	117.8	118.4	(1)	(1)	(1)	8.6	10.0	10.2	14.1	15.9	16.1
39 Columbia <sup>4</sup> .....	142.0	145.9	146.3	(1)	(1)	(1)	7.5	7.2	7.3	21.2	22.3	22.6
40 Greenville—Spartanburg <sup>4</sup> .....	216.7	229.5	229.8	(1)	(1)	(1)	14.7	14.9	15.0	89.2	99.0	98.8
41 SOUTH DAKOTA .....	204.6	210.4	211.4	2.4	2.5	2.6	7.9	7.8	8.5	19.3	21.3	21.0
42 Rapid City .....	23.1	24.3	24.6	(2)	(2)	(2)	1.7	1.7	1.8	2.1	2.2	2.2
43 Sioux Falls .....	43.5	44.0	45.0	(2)	(2)	(2)	1.9	2.2	2.4	6.2	6.5	6.5
44 TENNESSEE .....	1,476.7	1,513.2	1,521.9	8.6	9.0	9.1	71.6	62.9	65.4	442.4	469.7	472.2
45 Chattanooga .....	148.4	154.9	154.9	.8	.8	.8	5.0	5.5	5.7	51.9	55.3	55.0
46 Knoxville .....	168.6	175.2	175.9	1.8	1.6	1.6	9.2	9.1	9.2	45.1	47.6	47.9
47 Memphis .....	316.4	316.4	318.2	.2	.2	.2	14.6	12.5	12.7	56.9	57.2	57.5
48 Nashville—Davidson .....	289.2	295.2	296.7	(1)	(1)	(1)	16.6	14.1	14.4	70.2	74.6	75.4
49 TEXAS .....	4,379.4	4,480.4	4,503.5	126.8	132.4	131.6	279.0	277.7	279.3	790.0	819.0	822.4
50 Amarillo .....	60.8	62.2	63.0	(1)	(1)	(1)	4.1	3.1	3.5	6.7	8.7	8.9
51 Austin .....	167.6	172.6	173.7	(1)	(1)	(1)	10.9	11.0	11.0	14.4	15.6	15.7
52 Beaumont—Port Arthur—Orange .....	123.4	132.5	133.5	(1)	(1)	(1)	7.4	11.7	11.8	38.9	41.6	41.6
53 Corpus Christi .....	97.0	98.0	98.5	3.5	3.6	3.6	7.9	8.0	8.1	11.3	11.3	11.5
54 Dallas—Fort Worth .....	1,074.0	1,079.1	1,082.6	12.1	12.4	12.4	48.9	42.9	43.3	234.6	242.8	243.9
55 El Paso .....	127.9	130.8	131.3	(1)	(1)	(1)	7.6	5.8	5.8	27.0	29.1	29.4
56 Galveston—Texas City .....	60.7	61.5	61.9	(1)	(1)	(1)	3.9	3.0	2.9	11.6	12.1	12.1
57 Houston .....	985.3	1,017.6	1,021.7	42.7	44.5	44.2	89.2	96.7	96.3	172.8	175.1	175.6
58 Lubbock .....	70.9	72.5	72.4	(1)	(1)	(1)	4.5	3.5	3.5	9.6	10.0	10.2
59 San Antonio .....	308.2	315.9	316.3	1.6	1.6	1.6	18.7	19.0	19.0	36.0	39.2	39.4
60 Waco .....	55.1	56.4	56.5	(1)	(1)	(1)	2.9	2.9	2.8	11.9	12.8	12.9
61 Wichita Falls .....	43.1	44.0	44.1	2.2	2.2	2.2	1.6	1.8	1.8	6.9	7.1	7.1
62 UTAH <sup>7</sup> .....	436.2	449.2	454.7	12.9	13.0	13.1	20.7	21.4	23.2	66.2	66.7	67.0
63 Salt Lake City—Ogden <sup>7</sup> .....	315.7	325.2	328.0	6.0	6.0	6.0	14.8	15.4	16.3	45.0	46.4	46.3

See footnotes at end of table.

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			
APR. 1975	MAR. 1976	APR. 1976P	APR. 1975	MAR. 1976	APR. 1976P	APR. 1975	MAR. 1976	APR. 1976P	APR. 1975	MAR. 1976	APR. 1976P	APR. 1975	MAR. 1976	APR. 1976P	
213.8	207.9	208.2	855.6	852.0	865.2	175.0	176.4	178.3	689.5	704.0	718.2	637.5	643.8	638.9	1
13.9	13.5	13.5	51.2	50.5	51.6	8.0	7.9	7.9	42.2	40.7	42.1	40.1	40.6	40.5	2
6.9	6.7	6.7	30.9	31.4	32.1	5.1	5.1	5.1	24.4	25.4	25.8	16.7	17.3	17.1	3
31.0	30.1	30.0	117.9	117.4	119.6	28.2	27.8	28.0	97.8	101.2	103.6	79.0	82.3	81.3	4
47.6	46.0	46.2	193.0	192.5	195.0	43.3	43.7	44.0	157.3	160.4	162.7	117.6	123.1	121.6	5
21.4	21.2	21.2	103.2	104.1	105.9	30.9	31.5	31.8	84.7	86.8	88.1	96.9	93.6	93.0	6
11.7	11.6	11.5	64.6	64.2	64.9	11.5	11.7	11.8	57.5	59.1	59.5	63.8	64.6	64.0	7
17.5	17.1	17.1	61.8	60.6	61.7	9.3	9.4	9.5	48.9	50.5	51.1	44.4	44.4	44.6	8
10.2	9.8	9.8	41.0	40.0	40.7	6.5	6.5	6.6	32.8	33.9	34.9	23.9	23.8	23.5	9
54.9	55.0	55.1	205.9	211.9	214.2	46.3	47.1	47.6	139.2	143.5	145.0	205.6	207.0	205.8	10
19.5	19.7	19.5	76.1	79.2	79.1	20.4	20.0	20.0	49.0	49.9	50.2	80.8	82.0	81.4	11
17.6	18.2	18.1	51.7	53.3	53.9	12.7	13.6	13.5	38.1	39.9	40.2	23.8	23.6	23.6	12
48.9	49.9	50.2	191.7	195.6	202.2	44.1	45.9	46.4	144.6	149.4	150.9	179.4	184.3	183.6	13
4.3	4.3	4.4	19.4	20.1	20.3	3.5	3.5	3.6	14.2	14.9	15.1	19.7	21.1	20.8	14
29.8	30.2	30.4	108.2	111.2	111.7	30.1	31.3	31.4	85.0	87.6	88.5	75.0	77.3	76.8	15
2.2	2.2	2.3	13.2	13.4	13.6	3.7	3.8	3.8	10.8	10.8	11.0	23.7	24.2	24.2	16
256.2	253.2	253.8	882.4	878.9	892.1	207.0	208.9	205.8	794.0	804.1	812.2	702.0	702.3	698.3	18
12.8	12.4	12.6	43.0	42.4	42.4	7.4	7.6	7.8	36.2	36.7	37.1	31.4	32.1	32.1	19
7.5	7.4	7.5	10.3	10.3	10.5	1.3	1.4	1.4	7.4	7.3	7.5	7.5	7.4	7.3	20
81.4	81.8	81.8	309.5	310.8	312.1	55.5	55.3	55.4	319.0	331.7	333.7	238.4	237.3	234.8	21
5.0	4.8	4.8	20.0	18.9	19.0	4.3	4.6	4.6	17.4	18.4	18.5	13.7	15.4	15.4	22
14.5	14.4	14.4	41.2	40.6	41.1	10.6	11.0	11.0	31.7	32.6	33.1	55.3	55.2	54.6	23
5.7	5.4	5.3	15.7	16.0	16.1	2.8	3.0	3.2	13.0	13.8	13.7	13.5	13.6	13.6	24
5.8	5.9	5.9	27.4	27.3	27.9	4.2	4.2	4.2	21.4	21.7	22.0	13.2	13.7	13.6	25
12.0	11.5	11.5	45.4	45.0	45.7	8.7	8.7	8.8	36.8	37.8	37.9	36.9	36.4	36.1	26
96.1	95.5	95.2	382.3	383.0	385.4	108.8	108.3	108.7	369.9	384.5	387.3	292.8	291.3	285.2	27
56.3	55.7	56.0	154.8	151.8	152.4	65.4	66.9	64.8	191.0	198.6	199.3	153.7	152.4	151.2	28
57.2	55.6	55.8	184.7	185.9	187.6	41.3	42.1	42.3	172.8	174.0	175.4	124.0	121.0	121.1	29
6.4	6.0	5.9	24.3	25.2	25.3	5.0	5.0	4.9	19.3	19.5	19.9	18.1	19.6	19.5	30
4.8	4.8	4.8	17.7	17.5	18.0	3.1	3.2	3.2	14.8	15.3	15.2	10.7	10.7	10.6	31
6.1	5.7	5.7	23.5	23.3	23.7	4.7	4.8	4.9	16.6	16.9	17.1	19.8	19.1	19.0	32
2.0	2.0	2.0	8.3	7.8	8.0	1.9	2.0	2.0	6.9	7.2	7.1	5.4	5.5	5.4	33
5.8	5.5	5.6	26.1	25.6	25.6	3.1	3.0	3.0	17.5	17.0	16.7	16.7	17.6	17.5	34
13.8	13.2	13.3	70.6	69.4	70.0	17.7	17.7	17.7	65.2	63.7	64.6	56.1	56.0	55.5	35
13.8	13.2	13.3	73.2	71.9	72.6	17.9	17.9	17.9	64.4	63.0	63.9	52.8	52.7	52.6	36
39.4	41.3	41.5	171.1	175.6	179.5	39.0	38.7	39.1	121.9	124.6	126.5	201.7	208.0	208.1	37
6.4	7.1	7.0	23.7	24.4	24.8	4.9	5.1	5.0	16.0	16.1	16.2	39.5	39.2	39.1	38
7.9	8.2	8.1	28.4	29.6	29.6	10.6	10.8	10.9	20.8	21.2	21.2	45.6	46.6	46.6	39
8.7	8.9	8.9	38.9	40.5	40.7	8.2	8.1	8.1	29.9	30.2	30.3	27.1	27.9	28.0	40
12.0	12.0	12.0	53.6	53.8	54.3	8.8	9.0	9.0	43.6	46.7	46.5	57.0	57.3	57.5	41
1.5	1.6	1.6	6.2	6.5	6.9	1.1	1.2	1.2	4.9	5.2	5.0	5.6	5.9	5.9	42
4.2	3.9	4.2	13.0	12.8	12.8	2.2	2.2	2.2	9.7	10.1	10.4	6.3	6.3	6.5	43
69.6	71.1	71.6	310.1	316.4	319.6	69.0	65.2	65.1	236.8	233.9	234.4	270.6	285.0	284.5	44
5.5	5.4	5.4	27.8	29.2	29.3	8.6	8.5	8.4	22.4	22.5	22.4	26.4	27.7	27.9	45
6.8	7.3	7.3	36.3	37.6	37.7	6.7	6.8	6.8	24.9	25.5	25.5	37.8	39.7	39.9	46
20.7	20.6	20.8	83.2	84.6	85.2	19.0	18.2	18.2	58.6	59.0	59.6	63.2	64.1	64.0	47
15.8	16.2	16.3	66.1	68.3	68.3	19.7	19.4	19.5	53.9	53.9	54.2	46.9	48.7	48.6	48
288.8	289.4	291.6	1,062.1	1,075.8	1,092.1	253.5	258.6	259.7	762.6	775.1	778.8	816.6	848.4	848.0	49
5.7	6.1	6.2	19.6	19.3	19.4	3.0	3.1	3.1	11.4	11.3	11.3	10.3	10.6	10.6	50
5.7	5.9	5.8	32.6	33.8	33.9	9.1	9.6	9.7	26.2	27.3	27.5	68.7	69.4	70.1	51
10.0	9.8	9.9	25.7	26.8	27.3	4.4	4.6	4.7	19.3	19.6	19.6	17.7	18.4	18.4	52
5.8	6.1	6.1	24.9	25.1	25.2	4.7	5.0	4.9	16.3	16.6	16.8	22.6	22.3	22.3	53
74.8	74.7	74.8	284.7	285.5	286.7	84.9	84.3	84.6	188.4	190.5	191.2	145.6	146.0	145.7	54
9.7	9.6	9.5	31.7	33.3	33.4	6.0	6.1	6.2	19.2	20.4	20.4	26.7	26.5	26.6	55
5.5	6.4	6.7	10.7	10.6	10.8	3.9	4.2	4.2	9.1	9.5	9.1	16.0	15.7	16.1	56
79.8	79.3	79.5	229.8	238.2	240.3	60.8	61.8	62.5	190.5	193.8	195.2	119.7	128.2	128.1	57
4.3	4.5	4.3	20.4	22.2	21.8	3.4	3.5	3.5	12.9	12.7	13.0	15.8	16.1	16.1	58
13.6	14.1	14.1	77.0	79.5	79.5	21.3	21.7	21.8	54.2	53.7	54.0	85.8	87.1	86.9	59
2.8	2.8	2.8	12.6	12.7	12.7	3.3	3.3	3.4	11.7	11.8	11.8	9.9	10.1	10.1	60
2.3	2.1	2.1	10.8	11.0	11.1	1.9	2.0	2.0	6.8	7.1	7.1	10.6	10.7	10.7	61
26.7	27.6	27.9	101.2	105.8	107.0	20.0	20.5	20.9	75.8	79.9	81.2	112.6	114.2	114.5	62
21.5	22.5	22.6	75.7	79.0	79.8	16.8	17.0	17.2	51.8	54.6	55.6	84.0	84.3	84.2	63

**ESTABLISHMENT DATA  
STATE AND AREA EMPLOYMENT**

**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		
	APR. 1975	MAR. 1976	APR. 1976P	APR. 1975	MAR. 1976	APR. 1976P	APR. 1975	MAR. 1976	APR. 1976P	APR. 1975	MAR. 1976	APR. 1976P
1 VERMONT .....	155.4	159.3	158.0	.8	.7	.7	5.5	4.9	5.7	38.7	39.7	39.8
2 Burlington <sup>17</sup> .....	40.4	41.5	41.4	-	-	-	-	-	-	8.9	9.3	9.3
3 Springfield <sup>17</sup> .....	12.6	12.0	11.9	-	-	-	-	-	-	5.9	5.4	5.4
4 VIRGINIA .....	1,734.8	1,766.8	1,775.0	20.0	20.7	20.6	104.5	98.3	100.9	356.8	372.1	373.7
5 Bristol .....	22.6	23.5	23.6	(1)	(1)	(1)	.8	.9	.9	7.9	8.3	8.4
6 Lynchburg .....	57.6	59.3	59.5	(1)	(1)	(1)	2.8	3.0	3.1	24.4	25.3	25.2
7 Newport News—Hampton .....	124.3	126.0	128.6	(1)	(1)	(1)	6.6	5.5	5.6	29.9	31.0	31.0
8 Norfolk—Virginia Beach—Portsmouth .....	240.7	240.3	242.3	(1)	(1)	(1)	15.3	14.1	14.4	25.1	24.1	24.7
9 Northern Virginia <sup>18</sup> .....	336.5	341.4	342.8	.3	.3	.3	21.4	21.5	22.2	12.9	11.0	11.1
10 Richmond .....	265.4	271.2	271.6	.1	.4	.4	16.9	14.2	14.2	48.3	50.1	50.3
11 Roanoke .....	93.2	94.1	94.8	.2	.2	.2	5.4	5.4	5.8	20.7	21.2	21.2
12 WASHINGTON .....	1,202.9	1,210.7	1,221.0	1.8	1.9	2.0	53.7	50.6	53.6	237.6	237.8	238.4
13 Seattle—Everett .....	568.5	567.2	572.3	(1)	(1)	(1)	22.5	21.6	22.6	125.3	117.3	116.9
14 Spokane .....	100.9	102.5	104.0	(1)	(1)	(1)	4.5	4.6	5.1	13.0	13.5	13.8
15 Tacoma .....	114.9	117.3	117.6	(1)	(1)	(1)	5.0	4.5	4.8	20.1	20.9	20.0
16 WEST VIRGINIA .....	556.4	561.6	568.8	59.3	63.5	63.7	25.8	24.9	27.6	119.8	119.6	119.9
17 Charleston .....	99.6	100.9	101.9	5.8	6.0	6.0	5.9	5.6	5.8	18.3	18.9	18.9
18 Huntington—Ashland .....	92.8	93.1	93.2	.7	.7	.7	4.5	3.9	4.0	27.6	27.9	27.9
19 Parkersburg—Marietta .....	49.5	49.3	50.0	.4	.4	.4	2.5	2.3	2.3	15.9	15.5	15.8
20 Wheeling .....	59.3	61.1	60.8	4.8	6.9	6.9	1.9	1.8	1.9	14.0	13.5	13.1
21 WISCONSIN .....	1,631.5	1,659.5	1,682.2	2.1	1.9	2.3	49.1	47.9	52.3	492.3	497.6	500.9
22 Appleton—Oshkosh .....	132.9	104.4	105.9	(1)	(1)	(1)	3.6	3.9	4.2	39.2	40.2	40.6
23 Green Bay .....	64.2	65.5	66.5	(1)	(1)	(1)	2.7	2.4	2.8	18.7	18.8	19.1
24 Kenosha .....	42.0	40.7	41.2	(1)	(1)	(1)	.9	.8	.8	19.1	18.1	17.9
25 La Crosse .....	33.9	34.9	35.4	(1)	(1)	(1)	1.0	1.1	1.1	8.6	8.4	8.6
26 Madison .....	136.7	139.7	141.1	(1)	(1)	(1)	5.2	4.6	4.9	15.2	15.6	15.7
27 Milwaukee .....	589.0	588.9	554.8	(1)	(1)	(1)	16.0	16.1	17.6	195.4	194.2	196.2
28 Racine .....	61.9	61.6	62.0	(1)	(1)	(1)	1.5	1.4	1.5	27.2	26.7	26.6
29 WYOMING .....	140.6	146.6	149.1	17.9	18.7	19.1	12.7	12.6	13.3	7.8	7.9	7.8
30 Casper .....	24.4	25.7	26.4	4.4	4.4	4.6	1.6	1.8	2.0	1.6	1.5	1.5
31 Cheyenne .....	22.8	24.1	24.5	(1)	(1)	(1)	1.7	2.0	2.1	1.7	1.7	1.7

<sup>1</sup> Combined with services.  
<sup>2</sup> Combined with construction.  
<sup>3</sup> Federal employment in the Maryland and Virginia sectors of the Washington SMSA is no longer included in data for the District of Columbia.  
<sup>4</sup> Based on 1972 Standard Industrial Classification.  
<sup>5</sup> Area included in Chicago—Gary Standard Consolidated Statistical Area.  
<sup>6</sup> Data do not include federal employment in the Maryland sector of the Washington, D.C. Standard Metropolitan Statistical Area.  
<sup>7</sup> Revised to 1975 benchmark; not strictly comparable with previously published data.  
<sup>8</sup> Subarea of Philadelphia, Pennsylvania Standard Metropolitan Statistical Area: Burlington, Camden, and Gloucester Counties, New Jersey.  
<sup>9</sup> Subarea of New York—Northeastern New Jersey.  
<sup>10</sup> Subarea of Rochester Standard Metropolitan Statistical Area.  
<sup>11</sup> Area included in New York and Nassau—Suffolk combined SMSA'S.  
<sup>12</sup> Subarea of New York Standard Metropolitan Statistical Area.  
<sup>13</sup> Subarea of Philadelphia, Pennsylvania Standard Metropolitan Statistical Area: Bucks, Chester, Delaware, Montgomery, and Philadelphia Counties, Pennsylvania.  
<sup>14</sup> Subarea of Philadelphia, Pennsylvania Standard Metropolitan Statistical Area: Philadelphia County.  
<sup>15</sup> Subarea of Northeast Pennsylvania Standard Metropolitan Statistical Area: Lackawanna County.  
<sup>16</sup> Subarea of Northeast Pennsylvania Standard Metropolitan Statistical Area: Luzerne County.  
<sup>17</sup> Total includes data for industry divisions not shown separately. Services excludes agriculture, forestry, and fisheries.  
<sup>18</sup> Subarea of Washington, D.C. Standard Metropolitan Statistical Area: Alexandria, Fairfax, Falls Church, Manassas, and Manassas Park 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			
APR. 1975	MAR. 1976	APR. 1976P	APR. 1975	MAR. 1976	APR. 1976P	APR. 1975	MAR. 1976	APR. 1976P	APR. 1975	MAR. 1976	APR. 1976P	APR. 1975	MAR. 1976	APR. 1976P	
8.0	7.5	7.6	32.1	32.8	33.0	6.4	6.5	6.6	33.1	36.0	34.3	30.9	31.4	30.4	1
2.0	2.0	2.0	8.6	8.7	8.9	-	-	-	8.4	9.0	8.9	-	-	-	2
.7	.7	.7	1.9	1.8	1.8	-	-	-	2.0	2.0	1.9	-	-	-	3
102.0	102.4	101.9	354.9	355.0	363.0	86.4	87.2	87.6	287.8	297.1	302.0	422.4	430.0	429.3	4
.9	.9	.9	4.7	4.9	4.9	1.0	1.1	1.1	3.0	3.2	3.1	4.3	4.2	4.3	5
2.5	2.5	2.6	5.5	9.8	9.9	2.7	2.7	2.8	8.0	8.1	8.1	7.7	7.9	7.8	6
4.5	4.2	4.2	22.6	22.6	23.0	4.1	4.0	4.0	20.5	22.4	24.4	36.1	36.3	36.4	7
16.9	16.6	16.5	56.3	57.4	58.3	12.6	12.5	12.5	41.4	41.3	41.5	73.1	74.3	74.4	8
25.0	24.5	24.5	77.8	79.7	80.0	21.1	21.6	21.8	74.2	76.1	76.4	103.8	106.7	106.5	9
16.9	17.2	17.1	60.6	61.6	62.0	22.7	22.5	22.6	45.0	45.8	45.8	58.6	59.4	59.2	10
10.2	10.0	10.0	21.2	21.5	21.6	5.3	5.6	5.6	16.6	16.4	16.6	13.6	13.8	13.8	11
70.5	71.7	71.9	274.8	281.1	285.7	65.4	66.6	67.0	216.9	223.6	225.3	282.2	277.4	277.1	12
38.6	39.3	39.7	130.8	135.0	136.6	39.3	39.6	39.6	102.9	107.2	108.5	109.1	107.2	108.4	13
7.3	7.1	7.2	27.3	27.8	28.0	6.1	6.4	6.3	23.1	23.1	23.7	19.6	20.0	19.9	14
5.4	5.4	5.4	26.0	27.7	28.2	5.6	5.5	5.6	23.2	24.0	24.6	29.6	29.3	29.0	15
39.0	38.7	38.6	108.5	107.7	109.1	17.7	18.4	18.5	79.6	80.2	81.8	106.6	108.5	109.6	16
8.8	8.9	8.9	22.5	22.5	22.6	4.2	4.2	4.2	16.1	16.3	16.4	18.0	18.5	19.1	17
9.6	9.1	9.0	18.6	18.8	18.8	3.3	3.4	3.3	12.5	13.0	13.1	16.0	16.3	16.4	18
2.3	2.2	2.2	10.9	11.1	11.1	1.6	1.6	1.6	7.4	7.4	7.4	8.5	8.9	9.2	19
3.7	3.6	3.5	13.3	13.3	13.4	2.4	2.4	2.4	11.6	11.8	11.8	7.6	7.8	7.8	20
80.7	80.8	81.5	365.9	366.7	375.5	72.9	74.1	74.9	287.8	295.8	299.6	286.7	294.6	294.9	21
4.0	3.9	4.0	20.9	21.1	21.5	4.1	4.1	4.1	16.1	16.2	16.7	15.0	14.9	15.0	22
4.4	4.5	4.5	15.6	15.9	16.2	2.0	2.0	2.1	11.3	12.1	12.2	9.3	9.7	9.6	23
1.4	1.2	1.4	7.2	7.4	7.5	.8	.8	.8	6.8	6.9	7.0	5.7	5.4	5.8	24
1.5	2.0	2.0	9.0	9.3	9.5	.9	.9	.9	7.1	7.3	7.3	5.4	5.9	6.0	25
5.1	5.1	5.1	28.6	29.3	29.8	8.6	9.1	9.2	23.3	24.2	24.7	50.7	51.9	51.6	26
30.0	29.2	29.5	127.4	126.2	127.8	32.4	32.9	33.2	110.9	112.9	113.8	76.8	77.5	76.7	27
2.2	2.3	2.3	11.5	11.7	12.0	1.7	1.6	1.7	9.4	9.5	9.6	8.4	8.4	8.4	28
12.2	12.7	12.9	29.8	30.8	31.7	4.5	5.0	5.0	20.7	21.0	21.3	35.0	37.8	38.0	29
1.7	1.9	1.9	6.4	6.9	7.2	.9	1.1	1.1	3.8	4.0	4.0	4.0	4.1	4.1	30
3.0	3.4	3.4	4.5	4.5	5.0	1.4	1.3	1.3	3.8	3.8	4.1	6.7	7.0	6.9	31

ESTABLISHMENT DATA  
HISTORICAL HOURS AND EARNINGSC-1. Gross hours and earnings of production or nonsupervisory workers<sup>1</sup> 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 <sup>1</sup>			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	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 <sup>2</sup> .....	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	201.03	42.5	4.73	235.69	37.0	6.37	166.06	40.7	4.08	3.89	
1974.....	154.45	36.6	4.22	220.90	42.4	5.21	249.08	36.9	6.75	176.40	40.0	4.41	4.24	
1975.....	163.89	36.1	4.54	249.57	42.3	5.90	265.35	36.6	7.25	189.51	39.4	4.81	4.66	
May.....	160.38	35.8	4.48	247.51	42.6	5.81	262.73	36.9	7.12	185.25	39.0	4.75	4.61	
June.....	163.71	36.3	4.51	250.65	42.7	5.87	262.07	36.5	7.18	188.81	39.5	4.78	4.63	
July.....	164.89	36.4	4.53	248.72	42.3	5.88	270.05	37.3	7.24	188.55	39.2	4.81	4.65	
Aug.....	166.90	36.6	4.56	248.64	42.0	5.92	274.81	37.8	7.27	191.35	39.7	4.82	4.65	
Sept.....	168.43	36.3	4.64	255.25	42.4	6.02	278.99	37.6	7.42	196.58	40.2	4.89	4.70	
Oct.....	168.69	36.2	4.66	259.46	43.1	6.02	278.25	37.5	7.42	195.51	39.9	4.90	4.72	
Nov.....	169.42	36.2	4.68	262.73	43.0	6.11	270.44	36.3	7.45	197.69	40.1	4.93	4.76	
Dec.....	170.82	36.5	4.68	264.69	42.9	6.17	275.62	36.7	7.51	204.00	40.8	5.00	4.82	
1976:														
Jan.....	169.92	36.0	4.72	266.48	42.5	6.27	270.00	36.0	7.50	200.30	39.9	5.02	4.85	
Feb.....	170.64	36.0	4.74	268.58	42.7	6.29	272.66	36.5	7.47	201.10	39.9	5.04	4.86	
Mar.....	170.53	35.9	4.75	265.44	42.2	6.29	269.18	35.7	7.54	202.80	40.0	5.07	4.88	
Apr <sup>p</sup> .....	170.77	35.8	4.77	265.23	42.1	6.30	278.99	37.1	7.52	198.74	39.2	5.07	4.92	
May <sup>p</sup> .....	174.85	36.2	4.83	271.36	42.6	6.37	284.24	37.4	7.60	206.74	40.3	5.13	4.93	
	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 <sup>2</sup> .....	-	-	-	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.....	204.62	40.6	5.04	111.04	34.7	3.20	132.10	36.9	3.58	117.64	34.0	3.46	-	
1974.....	218.29	40.2	5.43	118.33	34.1	3.47	140.19	36.7	3.82	127.46	33.9	3.76	-	
1975.....	234.43	39.6	5.92	126.75	33.8	3.75	150.75	36.5	4.13	137.23	33.8	4.06	-	
May.....	226.00	39.1	5.78	124.99	33.6	3.72	149.19	36.3	4.11	134.74	33.6	4.01	-	
June.....	231.45	39.7	5.83	127.19	34.1	3.73	151.84	36.5	4.16	137.08	34.1	4.02	-	
July.....	235.01	39.9	5.89	128.69	34.5	3.73	150.33	36.4	4.13	138.23	34.3	4.03	-	
Aug.....	241.40	39.9	6.05	130.10	34.6	3.76	151.06	36.4	4.15	138.23	34.3	4.03	-	
Sept.....	243.79	39.9	6.11	128.06	33.7	3.80	150.59	36.2	4.16	139.18	33.7	4.13	-	
Oct.....	244.99	39.9	6.14	128.73	33.7	3.82	151.79	36.4	4.17	139.78	33.6	4.16	-	
Nov.....	245.12	39.6	6.19	128.69	33.6	3.83	155.18	36.6	4.24	142.21	33.7	4.22	-	
Dec.....	246.58	39.9	6.18	130.30	34.2	3.81	153.97	36.4	4.23	142.13	33.6	4.23	-	
1976:														
Jan.....	244.84	39.3	6.23	129.93	33.4	3.89	155.49	36.5	4.26	142.71	33.5	4.26	-	
Feb.....	248.46	39.5	6.29	130.26	33.4	3.90	158.91	36.7	4.33	143.72	33.5	4.29	-	
Mar.....	248.46	39.5	6.29	130.20	33.3	3.91	156.88	36.4	4.31	142.52	33.3	4.28	-	
Apr <sup>p</sup> .....	249.40	39.4	6.33	131.71	33.6	3.92	158.78	36.5	4.35	143.19	33.3	4.30	-	
May <sup>p</sup> .....	252.65	39.6	6.38	132.38	33.6	3.94	161.85	36.7	4.41	144.52	33.3	4.34	-	

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

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

SIC Code	Industry	Average weekly earnings					Average hourly earnings				
		Apr. 1975	May 1975	Mar. 1976	Apr. 1976 <sup>P</sup>	May 1976 <sup>P</sup>	Apr. 1975	May 1975	Mar. 1976	Apr. 1976 <sup>P</sup>	May 1976 <sup>P</sup>
-	<b>TOTAL PRIVATE</b> .....	\$159.22	\$160.38	\$170.53	\$170.77	\$174.85	\$4.46	\$4.48	\$4.75	\$4.77	\$4.83
-	<b>MINING</b> .....	233.78	247.51	265.44	265.23	271.36	5.73	5.81	6.29	6.30	6.37
10	<b>METAL MINING</b> .....	241.57	242.20	267.32	284.19	-	5.95	6.01	6.52	6.64	-
101	Iron ores .....	259.55	265.93	276.22	(*)	-	6.05	6.17	6.77	(*)	-
102	Copper ores .....	238.62	235.36	277.30	293.51	-	6.15	6.21	6.78	6.89	-
11,12	<b>COAL MINING</b> .....	250.99	288.36	307.23	297.60	-	7.07	7.10	7.70	7.67	-
12	Bituminous coal and lignite mining .....	251.34	288.36	307.65	297.99	-	7.08	7.12	7.73	7.70	-
13	<b>OIL AND GAS EXTRACTION</b> .....	230.04	231.00	250.30	249.48	-	5.24	5.25	5.65	5.67	-
131,2	Crude petroleum and natural gas fields .....	234.21	235.22	262.66	264.71	-	5.87	5.91	6.55	6.52	-
138	Oil and gas field services .....	227.27	228.75	243.66	242.35	-	4.93	4.93	5.24	5.28	-
14	<b>NONMETALLIC MINERALS, EXCEPT FUELS</b> .....	202.92	215.34	217.51	229.07	-	4.73	4.85	5.13	5.23	-
142	Crushed and broken stone .....	207.61	214.49	206.64	218.67	-	4.74	4.82	4.92	5.05	-
-	<b>CONTRACT CONSTRUCTION</b> .....	259.17	262.73	269.18	278.99	284.24	7.12	7.12	7.54	7.52	7.60
15	<b>GENERAL BUILDING CONTRACTORS</b> .....	250.90	250.87	260.19	271.58	-	6.95	6.93	7.35	7.36	-
16	<b>HEAVY CONSTRUCTION CONTRACTORS</b> .....	246.27	259.10	250.28	265.78	-	6.38	6.51	6.71	6.78	-
161	Highway and street construction .....	225.20	248.40	225.09	248.29	-	5.88	6.21	6.10	6.27	-
162	Heavy construction, nec .....	261.12	268.49	265.13	278.91	-	6.73	6.78	7.07	7.17	-
17	<b>SPECIAL TRADE CONTRACTORS</b> .....	268.42	271.83	282.14	288.22	-	7.54	7.53	7.97	7.94	-
171	Plumbing, heating, air conditioning .....	282.31	282.70	299.09	303.43	-	7.63	7.62	8.04	8.07	-
172	Painting, paper hanging, decorating .....	242.55	240.82	252.20	256.48	-	6.93	6.92	7.31	7.37	-
173	Electrical work .....	300.81	300.88	330.87	329.75	-	8.13	8.11	8.73	8.77	-
174	Masonry, stonework, and plastering .....	249.50	254.18	252.40	266.51	-	7.47	7.52	7.79	7.77	-
176	Roofing and sheetmetal work .....	219.52	230.83	213.54	234.68	-	6.86	6.87	7.19	7.09	-
-	<b>MANUFACTURING</b> .....	184.00	185.25	202.80	198.74	206.74	4.73	4.75	5.07	5.07	5.13
19,24,25, 32-39	<b>DURABLE GOODS</b> .....	199.58	199.87	219.92	214.24	225.50	5.04	5.06	5.43	5.41	5.50
20-23,26-31	<b>NONDURABLE GOODS</b> .....	161.41	164.26	179.21	176.33	180.85	4.27	4.30	4.56	4.58	4.59
	<b>DURABLE GOODS</b> .....										
19	<b>ORDNANCE AND ACCESSORIES</b> .....	210.12	211.15	227.96	221.36	226.49	5.10	5.15	5.56	5.59	5.62
192	Ammunition, except for small arms .....	206.80	210.53	228.17	222.90	(*)	5.17	5.25	5.69	5.73	(*)
1925	Complete guided missiles .....	236.06	239.03	249.82	243.59	-	5.80	5.83	6.23	6.23	-
1929	Ammunition, exc. for small arms, nec. ....	170.52	173.11	188.54	183.74	-	4.35	4.45	4.69	4.76	-
24	<b>LUMBER AND WOOD PRODUCTS</b> .....	160.24	163.05	178.65	180.85	186.86	4.13	4.17	4.50	4.51	4.58
242	Sawmills and planing mills .....	155.98	159.18	176.84	178.61	(*)	4.02	4.04	4.41	4.41	(*)
2421	Sawmills and planing mills, general .....	161.44	164.72	184.92	186.35	-	4.15	4.17	4.60	4.59	-
243	Millwork, plywood and related products .....	167.74	169.34	184.93	184.93	188.14	4.29	4.32	4.67	4.67	4.68
2431	Millwork .....	163.63	165.59	178.72	178.33	-	4.25	4.29	4.63	4.62	-
2432	Veneer and plywood .....	172.91	173.66	193.46	195.16	-	4.28	4.32	4.73	4.76	-
244	Wooden containers .....	122.58	126.87	138.84	138.73	141.50	3.26	3.33	3.56	3.53	3.52
2441,2	Wooden boxes, shooks, and crates .....	119.19	122.18	137.46	135.59	-	3.17	3.19	3.48	3.45	-
249	Miscellaneous wood products .....	142.04	144.36	159.39	159.03	161.02	3.56	3.60	3.85	3.86	3.88
25	<b>FURNITURE AND FIXTURES</b> .....	136.53	137.64	150.93	147.80	152.08	3.71	3.70	3.90	3.91	3.95
251	Household furniture .....	127.78	129.52	142.43	139.49	(*)	3.52	3.51	3.69	3.70	(*)
2511	Wood household furniture .....	119.43	120.29	135.24	132.55	-	3.29	3.26	3.45	3.47	-
2512	Upholstered household furniture .....	135.32	137.97	150.07	146.49	-	3.78	3.78	3.97	3.97	-
2515	Mattresses and bedsprings .....	146.15	147.73	159.64	159.16	-	3.95	3.95	4.28	4.29	-
252	Office furniture .....	154.35	154.28	171.54	168.39	-	4.03	4.06	4.31	4.34	-
254	Partitions and fixtures .....	168.82	170.86	189.37	183.61	-	4.49	4.52	4.77	4.72	-
253,9	Other furniture and fixtures .....	152.78	152.36	170.05	163.91	(*)	4.01	4.02	4.44	4.43	(*)
32	<b>STONE, CLAY, AND GLASS PRODUCTS</b> .....	191.68	195.13	207.47	211.75	220.29	4.78	4.83	5.11	5.19	5.27
321	Flat glass .....	225.94	235.13	279.42	280.28	-	5.72	5.82	6.59	6.77	-
322	Glass and glassware, pressed or blown .....	199.98	198.99	212.34	218.29	221.81	4.95	4.95	5.23	5.43	5.41
3221	Glass containers .....	211.46	208.90	219.89	228.26	-	5.12	5.12	5.35	5.65	-
3229	Pressed and blown glass, nec .....	182.91	184.71	201.10	204.40	-	4.69	4.70	5.04	5.11	-
324	Cement, hydraulic .....	248.95	247.23	282.76	297.51	(*)	5.97	6.03	6.83	7.05	(*)
325	Structural clay products .....	155.63	158.00	166.87	171.39	(*)	3.93	3.96	4.11	4.17	(*)
3251	Brick and structural clay tile .....	139.74	145.04	152.59	155.66	-	3.52	3.59	3.74	3.76	-
326	Pottery and related products .....	158.30	158.38	172.77	169.73	-	4.21	4.19	4.43	4.42	-
327	Concrete, gypsum, and plaster products .....	195.02	203.01	205.44	215.04	(*)	4.78	4.88	5.06	5.12	(*)
328,9	Other stone and nonmetallic mineral products .....	184.21	185.72	203.72	202.71	(*)	4.64	4.69	5.03	5.03	(*)
3291	Abrasive products .....	170.03	171.08	197.85	199.48	-	4.71	4.70	5.06	5.05	-

See footnotes at end of table.



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

SIC Code	Industry	Average weekly hours					Average overtime hours				
		Apr. 1975	May 1975	Mar. 1976	Apr. 1976 <sup>P</sup>	May 1976 <sup>P</sup>	Apr. 1975	May 1975	Mar. 1976	Apr. 1976 <sup>P</sup>	May 1976 <sup>P</sup>
—	TOTAL PRIVATE .....	35.7	35.8	35.9	35.8	36.2	—	—	—	—	—
—	MINING .....	40.8	42.6	42.2	42.1	42.6	—	—	—	—	—
10	METAL MINING .....	40.6	40.3	41.0	42.8	—	—	—	—	—	
101	Iron ores .....	42.9	43.1	40.8	(*)	—	—	—	—	—	
102	Copper ores .....	38.8	37.9	40.9	42.6	—	—	—	—	—	
11,12	COAL MINING .....	35.5	40.6	39.9	38.8	—	—	—	—	—	
12	Bituminous coal and lignite mining .....	35.5	40.5	39.8	38.7	—	—	—	—	—	
13	OIL AND GAS EXTRACTION .....	43.9	44.0	44.3	44.0	—	—	—	—	—	
131,2	Crude petroleum and natural gas fields .....	39.9	39.8	40.1	40.6	—	—	—	—	—	
138	Oil and gas field services .....	46.1	46.4	46.5	45.9	—	—	—	—	—	
14	NONMETALLIC MINERALS, EXCEPT FUELS .....	42.9	44.4	42.4	43.8	—	—	—	—	—	
142	Crushed and broken stone .....	43.8	44.5	42.0	43.3	—	—	—	—	—	
—	CONTRACT CONSTRUCTION .....	36.4	36.9	35.7	37.1	37.4	—	—	—	—	
15	GENERAL BUILDING CONTRACTORS .....	36.1	36.2	35.4	36.9	—	—	—	—	—	
16	HEAVY CONSTRUCTION CONTRACTORS .....	38.6	39.8	37.3	39.2	—	—	—	—	—	
161	Highway and street construction .....	38.3	40.0	36.9	39.6	—	—	—	—	—	
162	Heavy construction, nec .....	38.8	39.6	37.5	38.9	—	—	—	—	—	
17	SPECIAL TRADE CONTRACTORS .....	35.6	36.1	35.4	36.3	—	—	—	—	—	
171	Plumbing, heating, air conditioning .....	37.0	37.1	37.2	37.6	—	—	—	—	—	
172	Painting, paperhanging, decorating .....	35.0	34.8	34.5	34.8	—	—	—	—	—	
173	Electrical work .....	37.0	37.1	37.9	37.6	—	—	—	—	—	
174	Masonry, stonework, and plastering .....	33.4	33.8	32.4	34.3	—	—	—	—	—	
176	Roofing and sheet metal work .....	32.0	33.6	29.7	33.1	—	—	—	—	—	
—	MANUFACTURING .....	38.9	39.0	40.0	39.2	40.3	2.2	2.3	3.0	2.4	3.2
19,24,25,32,39	DURABLE GOODS .....	39.6	39.5	40.5	39.6	41.0	2.2	2.2	3.0	2.3	3.3
20,23,26-31	NONDURABLE GOODS .....	37.8	38.2	39.3	38.5	39.4	2.1	2.3	3.0	2.4	3.0
	DURABLE GOODS .....										
19	ORDNANCE AND ACCESSORIES .....	41.2	41.0	41.0	39.6	40.3	2.6	2.6	2.5	1.5	—
192	Ammunition, except for small arms .....	40.0	40.1	40.1	38.9	(*)	1.9	2.1	1.8	1.3	—
1925	Complete guided missiles .....	40.7	41.0	40.1	39.1	—	—	—	—	—	
1929	Ammunition, exc. for small arms, nec .....	39.2	38.9	40.2	38.6	—	—	—	—	—	
24	LUMBER AND WOOD PRODUCTS .....	38.8	39.1	39.7	40.1	40.8	2.7	3.0	3.4	3.4	—
242	Sawmills and planing mills .....	38.8	39.4	40.1	40.5	(*)	3.0	3.5	4.0	3.9	—
2421	Sawmills and planing mills, general .....	38.9	39.5	40.2	40.6	—	—	—	—	—	
243	Millwork, plywood and related products .....	39.1	39.2	39.6	39.6	40.2	2.3	2.6	2.9	2.9	—
2431	Millwork .....	38.5	38.6	38.6	38.6	—	—	—	—	—	
2432	Veneer and plywood .....	40.4	40.2	40.9	41.0	—	—	—	—	—	
244	Wooden containers .....	37.6	38.1	39.0	39.3	40.2	1.7	1.9	2.3	2.5	—
2441.2	Wooden boxes, shooks, and crates .....	37.6	38.3	39.5	39.3	—	—	—	—	—	
249	Miscellaneous wood products .....	39.9	40.1	41.4	41.2	41.5	2.8	3.0	3.8	3.8	—
25	FURNITURE AND FIXTURES .....	36.8	37.2	38.7	37.8	38.5	1.3	1.3	2.2	1.5	—
251	Household furniture .....	36.3	36.9	38.6	37.7	(*)	1.2	1.3	2.2	1.5	—
2511	Wood household furniture .....	36.3	36.9	39.2	38.2	—	1.4	1.4	2.5	1.9	—
2512	Upholstered household furniture .....	35.8	36.5	37.8	36.9	—	—	—	—	—	
2515	Mattresses and bedsprings .....	37.0	37.4	37.3	37.1	—	—	—	—	—	
252	Office furniture .....	38.3	38.0	39.8	38.8	—	1.5	1.5	2.4	1.7	—
254	Partitions and fixtures .....	37.6	37.8	39.7	38.9	—	1.3	1.4	2.6	1.6	—
253,9	Other furniture and fixtures .....	38.1	37.9	38.3	37.0	(*)	1.6	1.1	1.8	1.1	—
32	STONE, CLAY, AND GLASS PRODUCTS .....	40.1	40.4	40.6	40.8	41.8	3.3	3.5	3.6	3.7	—
321	Flat glass .....	39.5	40.4	42.4	41.4	—	1.9	2.5	4.0	3.7	—
322	Glass and glassware, pressed or blown .....	40.4	40.2	40.6	40.2	41.0	3.8	3.8	4.3	4.4	—
3221	Glass containers .....	41.3	40.8	41.1	40.4	—	—	—	—	—	
3229	Pressed and blown glass, nec .....	39.0	39.3	39.9	40.0	—	2.5	2.5	2.9	2.8	—
324	Cement, hydraulic .....	41.7	41.0	41.4	42.2	(*)	3.0	2.3	2.8	2.8	—
325	Structural clay products .....	39.6	39.9	40.6	41.1	(*)	2.8	3.1	3.3	3.5	—
3251	Brick and structural clay tile .....	39.7	40.4	40.8	41.4	—	—	—	—	—	
326	Pottery and related products .....	37.6	37.8	39.0	38.4	—	1.2	1.3	2.0	2.2	—
327	Concrete, gypsum and plaster products .....	40.8	41.6	40.6	42.0	(*)	4.5	4.9	4.2	4.6	—
328,9	Other stone and nonmetallic mineral products .....	39.7	39.6	40.5	40.3	(*)	2.4	2.6	3.0	2.7	—
3291	Abrasive products .....	36.1	36.4	39.1	39.5	—	—	—	—	—	

See footnotes at end of table.

**ESTABLISHMENT DATA  
HOURS AND EARNINGS**

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

SIC Code	Industry	Average weekly earnings					Average hourly earnings					
		Apr. 1975	May 1975	Mar. 1976	Apr. 1976 <sup>P</sup>	May 1976 <sup>P</sup>	Apr. 1975	May 1975	Mar. 1976	Apr. 1976 <sup>P</sup>	May 1976 <sup>P</sup>	
	<b>DURABLE GOODS—Continued</b>											
33	<b>PRIMARY METAL INDUSTRIES</b>	\$239.20	\$238.58	\$268.52	\$274.46	\$281.11	\$6.01	\$6.04	\$6.63	\$6.76	\$6.79	
331	Blast furnace and basic steel products	264.21	262.00	296.60	319.25	(*)	6.74	6.77	7.49	7.73	(*)	
3312	Blast furnaces and steel mills	269.70	266.42	302.20	(*)	—	6.88	6.92	7.67	(*)	—	
332	Iron and steel foundries	217.21	216.28	248.66	236.81	(*)	5.35	5.38	6.05	5.98	(*)	
3321	Gray iron foundries	217.74	219.75	257.09	245.39	—	5.43	5.48	6.24	6.15	—	
3322	Malleable iron foundries	222.78	219.25	261.74	256.89	—	5.64	5.68	6.56	6.57	—	
3323	Steel foundries	214.62	208.69	221.53	206.80	—	5.11	5.09	5.39	5.33	—	
333.4	Nonferrous metals	234.09	237.05	263.94	274.98	(*)	5.78	5.81	6.36	6.47	(*)	
3334	Primary aluminum	258.56	265.56	294.56	309.01	—	6.40	6.43	6.98	7.12	—	
335	Nonferrous rolling and drawing	215.87	218.56	247.13	237.10	(*)	5.33	5.37	5.87	5.84	(*)	
3351	Copper rolling and drawing	213.73	212.79	250.54	231.85	—	5.37	5.36	5.84	5.84	—	
3352	Aluminum rolling and drawing	220.73	225.84	261.80	252.93	—	5.56	5.59	6.16	6.08	—	
3357	Nonferrous wire drawing and insulating	216.41	219.45	243.86	234.14	—	5.24	5.30	5.82	5.81	—	
336	Nonferrous foundries	184.99	185.67	209.09	198.78	(*)	4.78	4.81	5.15	5.11	(*)	
3361	Aluminum castings	186.73	187.94	217.18	205.53	—	4.85	4.92	5.31	5.27	—	
3362.9	Other nonferrous castings	182.91	182.52	199.89	189.63	—	4.69	4.68	4.96	4.90	—	
339	Miscellaneous primary metal products	237.46	236.93	258.85	236.74	(*)	5.82	5.85	6.36	6.23	(*)	
3391	Iron and steel forgings	250.31	250.10	273.23	248.25	—	6.12	6.16	6.78	6.62	—	
34	<b>FABRICATED METAL PRODUCTS</b>	194.74	197.21	216.52	207.64	220.99	4.93	4.98	5.32	5.27	5.39	
341	Metal cans	255.23	269.45	292.07	287.04	(*)	6.21	6.37	6.84	6.90	(*)	
342	Cultery, hand tools, and hardware	179.64	183.22	206.74	195.67	(*)	4.63	4.71	5.13	5.03	(*)	
3421.3.5	Cutlery and hand tools, incl. saws	171.00	171.77	191.35	184.55	—	4.43	4.45	4.76	4.72	—	
3429	Hardware, nec	186.81	191.49	218.70	203.70	—	4.79	4.91	5.40	5.25	—	
343	Plumbing and heating, except electric	171.71	173.11	187.23	182.28	(*)	4.46	4.45	4.74	4.71	(*)	
3431.2	Sanitary ware and plumbers' brass goods	172.48	175.05	191.04	186.28	—	4.48	4.50	4.80	4.74	—	
3433	Heating equipment, except electric	170.50	171.94	183.46	178.31	—	4.44	4.42	4.68	4.68	—	
344	Fabricated structural metal products	197.11	199.20	210.53	204.62	(*)	4.94	4.98	5.25	5.22	(*)	
3441	Fabricated structural steel	212.25	214.85	222.09	222.63	—	5.09	5.14	5.43	5.47	—	
3442	Metal doors, sash, and trim	157.25	159.86	167.70	163.54	—	4.16	4.12	4.30	4.27	—	
3443	Fabricated plate work (boiler shops)	207.32	211.05	227.92	216.22	—	5.17	5.25	5.60	5.53	—	
3444	Sheet metal work	199.17	198.14	214.34	209.06	—	5.12	5.12	5.44	5.43	—	
3446.9	Architectural and misc. metal work	182.16	184.32	195.23	191.69	—	4.60	4.69	4.93	4.89	—	
345	Screw machine products, bolts, etc	185.50	183.74	212.48	202.58	(*)	4.72	4.76	5.12	5.09	(*)	
3451	Screw machine products	178.03	180.78	200.49	196.26	—	4.53	4.60	4.89	4.87	—	
3452	Bolts, nuts, rivets, and washers	192.57	186.47	223.33	209.21	—	4.90	4.92	5.33	5.31	—	
346	Metal stampings	211.29	213.79	247.16	227.56	(*)	5.39	5.44	5.97	5.82	(*)	
347	Metal services, nec	162.60	162.24	174.87	171.86	175.74	4.18	4.16	4.35	4.34	4.35	
348	Miscellaneous fabricated wire products	172.38	173.66	186.80	181.03	(*)	4.42	4.43	4.67	4.63	(*)	
349	Miscellaneous fabricated metal products	195.69	194.22	213.31	205.65	(*)	4.88	4.88	5.19	5.18	(*)	
3494.8	Valves, pipe, and pipe fittings	205.32	202.71	222.14	213.20	—	5.02	5.03	5.34	5.33	—	
35	<b>MACHINERY, EXCEPT ELECTRICAL</b>	214.61	213.72	232.63	224.80	234.84	5.26	5.29	5.66	5.62	5.70	
351	Engines and turbines	236.87	233.81	257.99	245.78	(*)	5.82	5.86	6.37	6.27	(*)	
3511	Steam engines and turbines	213.19	208.44	241.90	235.76	—	5.37	5.40	5.90	5.85	—	
3519	Internal combustion engines, nec	247.01	246.85	265.58	250.39	—	6.01	6.08	6.59	6.47	—	
352	Farm machinery	229.30	224.40	250.06	243.41	—	5.62	5.61	6.04	6.01	—	
353	Construction and related machinery	232.69	230.72	242.76	235.02	(*)	5.58	5.60	5.95	5.92	(*)	
3531.2	Construction and mining machinery	247.83	245.83	257.60	252.16	—	6.03	6.04	6.44	6.40	—	
3533	Oil field machinery	226.75	222.50	231.23	214.67	—	5.05	5.08	5.39	5.34	—	
3535.6	Conveyors, hoists, cranes, monorails	212.85	211.77	231.57	221.25	—	5.08	5.14	5.58	5.49	—	
3537	Industrial trucks and tractors	187.11	185.17	207.90	208.68	—	4.86	4.86	5.25	5.31	—	
354	Metal working machinery	221.27	221.27	244.11	235.48	(*)	5.41	5.45	5.84	5.80	(*)	
3541	Machine tools, metal cutting types	232.90	230.32	239.20	233.96	—	5.48	5.51	5.82	5.82	—	
3544	Special dies, tools, jigs and fixtures	237.22	236.74	271.25	258.72	—	5.73	5.76	6.25	6.16	—	
3545	Machine tool accessories	203.01	202.58	217.49	213.73	—	5.05	5.09	5.37	5.37	—	
3542.8	Miscellaneous metal working machinery	197.68	200.66	215.74	207.97	—	5.03	5.08	5.38	5.36	—	
355	Special industry machinery	191.84	193.83	213.20	206.84	(*)	4.82	4.87	5.20	5.21	(*)	
3551	Food products machinery	203.20	203.26	223.31	216.86	—	5.08	5.12	5.46	5.49	—	
3552	Textile machinery	149.92	153.82	175.64	171.16	—	4.03	4.08	4.38	4.40	—	
3555	Printing trades machinery	196.71	199.20	218.12	213.47	—	4.93	4.98	5.32	5.35	—	
356	General industrial machinery	214.20	215.06	230.11	221.76	(*)	5.25	5.31	5.64	5.60	(*)	
3561	Pumps and compressors	208.38	210.71	232.67	223.60	—	5.12	5.19	5.62	5.59	—	
3562	Ball and roller bearings	228.11	220.15	238.91	228.89	—	5.51	5.49	5.87	5.78	—	
3564	Blowers and fans	188.86	199.70	208.58	207.20	—	4.88	4.98	5.15	5.18	—	
3566	Power transmission equipment	221.97	225.88	234.77	220.08	—	5.26	5.34	5.63	5.60	—	
357	Office and computing machines	198.45	198.94	217.35	213.91	(*)	4.90	4.90	5.25	5.23	(*)	
3573	Electronic computing equipment	204.68	205.50	229.15	225.06	—	4.98	5.00	5.43	5.41	—	
358	Service industry machines	181.25	182.40	202.40	199.36	(*)	4.72	4.75	5.06	5.06	(*)	
3585	Refrigeration machinery	178.31	180.78	205.34	200.09	—	4.68	4.72	5.07	5.04	—	
359	Miscellaneous machinery, except electrical	209.75	205.94	227.42	219.23	(*)	5.03	5.06	5.48	5.44	(*)	

See footnotes at end of table.

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

SIC Code	Industry	Average weekly hours					Average overtime hours				
		Apr. 1975	May 1975	Mar. 1976	Apr. 1976 <sup>P</sup>	May 1976 <sup>P</sup>	Apr. 1975	May 1975	Mar. 1976	Apr. 1976 <sup>P</sup>	May 1976 <sup>P</sup>
<b>DURABLE GOODS—Continued</b>											
33	<b>PRIMARY METAL INDUSTRIES</b>	39.8	39.5	40.5	40.6	41.4	2.4	2.4	3.0	3.1	—
331	Blast furnace and basic steel products	39.2	38.7	39.6	41.3	(*)	1.8	1.6	2.1	3.3	—
3312	Blast furnaces and steel mills	39.2	38.5	39.4	(*)	—	1.7	1.5	2.0	(*)	—
332	Iron and steel foundries	40.6	40.2	41.1	39.6	(*)	3.3	3.3	4.0	2.9	—
3321	Gray iron foundries	40.1	40.1	41.2	39.9	—	2.9	3.4	4.2	3.3	—
3322	Malleable iron foundries	39.5	38.6	39.9	39.1	—	—	—	—	—	—
3323	Steel foundries	42.0	41.0	41.1	38.8	—	4.3	3.7	3.5	2.3	—
333.4	Nonferrous metals	40.5	40.8	41.5	42.5	(*)	2.9	2.9	3.5	4.2	—
3334	Primary aluminum	40.4	41.3	42.2	43.4	—	—	—	—	—	—
335	Nonferrous rolling and drawing	40.5	40.7	42.1	40.6	(*)	2.8	3.0	4.2	3.2	—
3351	Copper rolling and drawing	39.8	39.7	42.9	39.7	—	—	—	—	—	—
3352	Aluminum rolling and drawing	39.7	40.4	42.5	41.6	—	2.6	3.1	4.3	4.7	—
3357	Nonferrous wire drawing and insulating	41.3	41.4	41.9	40.3	—	3.2	3.5	4.2	2.3	—
336	Nonferrous foundries	38.7	38.6	40.6	38.9	(*)	1.6	1.8	3.0	2.1	—
3361	Aluminum castings	38.5	38.2	40.9	39.0	—	—	—	—	—	—
3362.9	Other nonferrous castings	39.0	39.0	40.3	38.7	—	—	—	—	—	—
339	Miscellaneous primary metal products	40.8	40.5	40.7	38.0	(*)	3.8	3.3	3.5	1.8	—
3391	Iron and steel forgings	40.9	40.6	40.3	37.5	—	—	—	—	—	—
34	<b>FABRICATED METAL PRODUCTS</b>	39.5	39.6	40.7	39.4	41.0	2.2	2.1	3.1	2.1	—
341	Metal cans	41.1	42.3	42.7	41.6	(*)	2.4	2.9	3.6	3.6	—
342	Cutlery, hand tools, and hardware	38.8	38.9	40.3	38.9	(*)	1.8	1.7	2.9	1.4	—
3421,3,5	Cutlery and hand tools, incl. saws	38.6	38.6	40.2	39.1	—	—	—	—	—	—
3429	Hardware, nec	39.0	39.0	40.5	38.8	—	—	—	—	—	—
343	Plumbing and heating, except electric	38.5	38.9	39.5	38.7	(*)	1.3	1.7	2.6	1.8	—
3431,2	Sanitary ware and plumbers' brass goods	38.5	38.9	39.8	39.3	—	—	—	—	—	—
3433	Heating equipment, except electric	38.4	38.9	39.2	38.1	—	—	—	—	—	—
344	Fabricated structural metal products	39.9	40.0	40.1	39.2	(*)	2.6	2.5	2.6	1.9	—
3441	Fabricated structural steel	41.7	41.8	40.9	40.7	—	3.9	3.7	3.0	2.7	—
3442	Metal doors, sash, and trim	37.8	38.8	39.0	38.3	—	—	—	—	—	—
3443	Fabricated plate work (boiler shops)	40.1	40.2	40.7	39.1	—	3.0	2.7	2.9	1.6	—
3444	Sheet metal work	38.9	38.7	39.4	38.5	—	—	—	—	—	—
3446.9	Architectural and misc. metal work	39.6	39.3	39.6	39.2	—	—	—	—	—	—
345	Screw machine products, bolts, etc	39.3	38.6	41.5	39.8	(*)	2.0	1.6	3.5	2.3	—
3451	Screw machine products	39.3	39.3	41.0	40.3	—	—	—	—	—	—
3452	Bolts, nuts, rivets, and washers	39.3	37.9	41.9	39.4	—	—	—	—	—	—
346	Metal stampings	39.2	39.3	41.4	39.1	(*)	1.7	1.6	3.7	2.0	—
347	Metal services, nec	38.9	39.0	40.2	39.6	40.4	2.7	2.6	3.4	2.9	—
348	Miscellaneous fabricated wire products	39.0	39.2	40.0	39.1	(*)	1.9	1.8	3.0	1.3	—
349	Miscellaneous fabricated metal products	40.1	39.8	41.1	39.7	(*)	2.5	2.3	3.2	2.3	—
3494.8	Valves, pipe, and pipe fittings	40.9	40.3	41.6	40.0	—	—	—	—	—	—
35	<b>MACHINERY, EXCEPT ELECTRICAL</b>	40.8	40.4	41.1	40.0	41.2	2.9	2.6	3.0	2.2	—
351	Engines and turbines	40.7	39.9	40.5	39.2	(*)	2.5	2.7	2.8	1.7	—
3511	Steam engines and turbines	39.7	38.6	41.0	40.3	—	—	—	—	—	—
3519	Internal combustion engines, nec	41.1	40.6	40.3	38.7	—	—	—	—	—	—
352	Farm machinery	40.8	40.0	41.4	40.5	—	3.4	2.7	3.3	2.2	—
353	Construction and related machinery	41.7	41.2	40.8	39.7	(*)	3.6	3.0	2.6	1.8	—
3531,2	Construction and mining machinery	41.1	40.7	40.0	39.4	—	3.4	2.7	1.9	1.3	—
3533	Oil field machinery	44.9	43.8	42.9	40.2	—	—	—	—	—	—
3535.6	Conveyors, hoists, cranes, monorails	41.9	41.2	41.5	40.3	—	—	—	—	—	—
3537	Industrial trucks and tractors	38.5	38.1	39.6	39.3	—	—	—	—	—	—
354	Metal working machinery	40.9	40.6	41.8	40.6	(*)	3.2	2.9	3.8	2.8	—
3541	Machine tools, metal cutting types	42.5	41.8	41.1	40.2	—	4.1	3.7	3.1	2.2	—
3544	Special dies, tools, jig and fixtures	41.4	41.1	43.4	42.0	—	—	—	—	—	—
3545	Machine tool accessories	40.2	39.8	40.5	39.8	—	2.3	2.2	2.7	2.1	—
3542.8	Miscellaneous metal working machinery	39.3	39.5	40.1	38.8	—	—	—	—	—	—
355	Special industry machinery	39.8	39.8	41.0	39.7	(*)	2.5	2.2	2.8	2.1	—
3551	Food products machinery	40.0	39.7	40.9	39.5	—	—	—	—	—	—
3552	Textile machinery	37.2	37.7	40.1	38.9	—	—	—	—	—	—
3555	Printing trades machinery	39.9	40.0	41.0	39.9	—	—	—	—	—	—
356	General industrial machinery	40.8	40.5	40.8	39.6	(*)	3.0	2.8	3.0	1.7	—
3561	Pumps and compressors	40.7	40.6	41.4	40.0	—	2.6	2.6	3.4	2.0	—
3562	Ball and roller bearings	41.4	40.1	40.7	39.6	—	3.6	2.3	2.8	1.3	—
3564	Blowers and fans	38.7	40.1	40.5	40.0	—	—	—	—	—	—
3566	Power transmission equipment	42.2	42.3	41.7	39.3	—	4.3	4.9	3.8	1.6	—
357	Office and computing machines	40.5	40.6	41.4	40.9	(*)	1.6	1.5	2.1	1.9	—
3573	Electronic computing equipment	41.1	41.1	42.2	41.6	—	—	—	—	—	—
358	Service industry machines	38.4	38.4	40.0	39.4	(*)	.5	.7	2.2	1.6	—
3585	Refrigeration machinery	38.1	38.3	40.5	39.7	—	.1	.3	2.3	1.8	—
359	Miscellaneous machinery, except electrical	41.7	40.7	41.5	40.3	(*)	3.6	3.4	3.9	3.0	—

See footnotes at end of table.

**ESTABLISHMENT DATA  
HOURS AND EARNINGS**

78.

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

SIC Code	Industry	Average weekly earnings					Average hourly earnings				
		Apr. 1975	May 1975	Mar. 1976	Apr. 1976P	May 1976P	Apr. 1975	May 1975	Mar. 1976	Apr. 1976P	May 1976P
<b>DURABLE GOODS—Continued</b>											
36	<b>ELECTRICAL EQUIPMENT AND SUPPLIES</b>	\$176.79	\$177.12	\$192.00	\$185.16	\$196.43	\$4.51	\$4.53	\$4.80	\$4.76	\$4.85
361	Electric test and distributing equipment	181.17	180.50	198.09	193.15	(*)	4.61	4.64	4.94	4.94	(*)
3611	Electric measuring instruments	156.75	159.10	195.02	190.51	—	4.04	4.09	4.90	4.86	—
3612	Transformers	182.60	180.18	188.55	184.61	—	4.67	4.68	4.61	4.65	—
3613	Switchgear and switchboard apparatus	200.59	200.04	206.96	201.11	—	5.04	5.09	5.20	5.21	—
362	Electrical industrial apparatus	182.11	180.24	194.97	188.94	(*)	4.53	4.54	4.85	4.82	(*)
3621	Motors and generators	182.51	180.29	201.06	191.69	—	4.54	4.53	4.94	4.89	—
3622	Industrial controls	175.96	176.27	180.78	176.33	—	4.41	4.44	4.60	4.58	—
363	Household appliances	174.72	175.11	190.32	186.28	(*)	4.48	4.49	4.77	4.74	(*)
3632	Household refrigerators and freezers	182.83	184.24	197.71	194.24	—	4.70	4.70	4.98	4.93	—
3633	Household laundry equipment	205.93	199.02	228.48	215.67	—	5.24	5.21	5.60	5.46	—
3634	Electric housewares and fans	150.54	150.93	158.28	159.03	—	3.89	3.90	4.09	4.12	—
364	Electric lighting and wiring equipment	164.35	167.18	184.63	179.66	(*)	4.28	4.32	4.57	4.56	(*)
3641	Electric lamps	169.78	170.21	192.87	184.40	—	4.32	4.32	4.67	4.61	—
3642	Lighting fixtures	168.08	174.86	192.72	192.63	—	4.40	4.53	4.83	4.84	—
3643,4	Wiring devices	159.68	160.55	174.90	168.05	—	4.18	4.17	4.34	4.32	—
365	Radio and TV receiving equipment	157.66	157.63	167.42	149.60	(*)	4.16	4.17	4.36	4.25	(*)
366	Communication equipment	200.99	201.96	222.20	215.36	(*)	5.05	5.10	5.50	5.48	(*)
3661	Telephone and telegraph apparatus	199.98	200.55	228.07	219.06	—	5.05	5.09	5.59	5.56	—
3662	Radio and TV communication equipment	202.00	202.87	218.14	212.46	—	5.05	5.11	5.44	5.42	—
367	Electronic components and accessories	148.60	149.77	158.39	155.96	(*)	3.83	3.86	4.02	4.03	(*)
3671-3	Electron tubes	181.49	182.49	204.62	202.69	—	4.56	4.62	5.04	5.08	—
3674,9	Other electronic components	143.21	143.98	152.10	150.15	—	3.71	3.73	3.88	3.89	—
369	Miscellaneous electrical equip. and supplies	203.78	206.52	227.42	211.04	(*)	5.12	5.15	5.52	5.37	(*)
3694	Engine electrical equipment	216.91	220.80	242.90	224.84	—	5.45	5.52	5.91	5.78	—
37	<b>TRANSPORTATION EQUIPMENT</b>	233.23	234.02	269.19	251.14	272.84	5.86	5.88	6.44	6.31	6.45
371	Motor vehicles and equipment	248.29	249.48	301.70	276.62	(*)	6.27	6.30	7.00	6.83	(*)
3711	Motor vehicles	258.33	259.25	316.54	289.07	—	6.59	6.58	7.26	7.12	—
3712	Passenger car bodies	279.58	282.58	335.69	305.92	—	7.06	7.10	7.88	7.61	—
3713	Truck and bus bodies	188.37	196.81	218.43	213.79	—	4.88	4.97	5.38	5.44	—
3714	Motor vehicle parts and accessories	246.21	245.96	298.51	272.43	—	6.14	6.18	6.91	6.71	—
3715	Truck trailers	171.76	178.86	192.23	192.91	—	4.68	4.67	4.98	5.05	—
372	Aircraft and parts <sup>†</sup>	239.85	240.94	261.40	249.08	(*)	5.85	5.92	6.36	6.29	(*)
3721	Aircraft <sup>†</sup>	244.01	242.96	270.44	263.56	—	6.07	6.12	6.58	6.54	—
3722	Aircraft engines and engine parts <sup>†</sup>	244.26	246.74	258.62	237.22	—	5.90	5.96	6.37	6.21	—
3723,9	Other aircraft parts and equipment <sup>†</sup>	226.38	229.19	243.78	232.80	—	5.39	5.47	5.86	5.82	—
373	Ship and boat building and repairing	204.10	205.13	219.94	212.08	(*)	5.22	5.18	5.54	5.48	(*)
3731	Ship building and repairing	215.36	217.46	233.83	224.46	—	5.48	5.45	5.89	5.83	—
3732	Boat building and repairing	161.66	159.74	173.89	172.26	—	4.21	4.16	4.38	4.35	—
374	Railroad equipment	246.84	247.42	256.76	(*)	—	6.11	6.17	6.55	(*)	—
375,9	Other transportation equipment	159.71	164.61	169.38	168.78	—	4.17	4.21	4.31	4.35	—
38	<b>INSTRUMENTS AND RELATED PRODUCTS</b>	175.56	177.18	193.11	188.89	197.55	4.49	4.52	4.78	4.77	4.83
381	Engineering and scientific instruments	189.34	191.35	201.90	199.50	—	4.71	4.76	5.01	5.00	—
382	Mechanical measuring and control devices	169.12	171.55	187.92	178.23	(*)	4.37	4.41	4.64	4.57	(*)
3821	Mechanical measuring devices	172.53	174.99	188.00	181.27	—	4.39	4.43	4.70	4.66	—
3822	Automatic temperature controls	161.08	163.94	187.46	173.71	—	4.33	4.36	4.55	4.42	—
383,5	Optical and ophthalmic goods	160.37	161.99	172.06	166.53	(*)	4.06	4.07	4.28	4.27	(*)
385	Ophthalmic goods	147.02	148.92	155.23	150.14	—	3.76	3.77	3.92	3.92	—
384	Medical instruments and supplies	152.82	153.18	165.85	161.73	(*)	3.99	4.01	4.22	4.19	—
386	Photographic equipment and supplies	222.48	225.76	254.98	257.46	(*)	5.59	5.63	6.10	6.13	(*)
387	Watches, clocks, and watchcases	142.45	143.95	153.65	147.84	—	3.70	3.71	3.88	3.86	—
39	<b>MISC. MANUFACTURING INDUSTRIES</b>	142.88	142.88	153.65	150.11	154.04	3.75	3.75	3.96	3.94	3.97
391	Jewelry, silverware, and plated ware	152.22	151.81	162.70	160.61	162.27	4.07	4.07	4.14	4.15	4.15
394	Toys and sporting goods	131.97	130.64	142.82	137.99	—	3.41	3.42	3.70	3.67	—
3941-3	Games, toys, dolls and play vehicles	128.05	125.24	133.86	131.01	—	3.25	3.27	3.56	3.56	—
3949	Sporting and athletic goods, nec	135.30	136.80	150.50	144.77	—	3.57	3.60	3.81	3.78	—
395	Pens, pencils, office and art supplies	140.99	145.45	155.54	151.27	—	3.72	3.72	3.85	3.82	—
396	Costume jewelry and notions	123.54	126.21	130.44	129.46	—	3.33	3.33	3.46	3.48	—
393,9	Other manufacturing industries	155.52	155.50	166.45	162.73	(*)	4.05	4.06	4.29	4.26	(*)
393	Musical instruments and parts	148.61	144.78	156.41	150.14	—	3.86	3.79	3.99	3.92	—
<b>NONDURABLE GOODS</b>											
20	<b>FOOD AND KINDRED PRODUCTS</b>	176.46	179.44	192.15	192.27	196.89	4.49	4.52	4.84	4.88	4.91
201	Meat products	181.27	180.34	198.69	198.69	(*)	4.66	4.66	5.03	5.03	(*)
2011.	Meat packing plants	223.99	219.20	246.86	247.10	—	5.49	5.48	5.92	5.94	—
2013	Sausages and other prepared meats	208.79	220.32	229.47	236.52	—	5.34	5.40	5.78	5.84	—
2015	Poultry dressing plants	107.15	105.97	115.48	115.48	—	2.96	2.96	3.19	3.19	—

See footnotes at end of table.

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

SIC Code	Industry	Average weekly hours					Average overtime hours				
		Apr. 1975	May 1975	Mar. 1976	Apr. 1976 <sup>P</sup>	May 1976 <sup>P</sup>	Apr. 1975	May 1975	Mar. 1976	Apr. 1976 <sup>P</sup>	May 1976 <sup>P</sup>
<b>DURABLE GOODS—Continued</b>											
36	<b>ELECTRICAL EQUIPMENT AND SUPPLIES</b>	39.2	39.1	40.0	38.9	40.5	1.4	1.4	2.2	1.5	—
361	Electric test and distributing equipment	39.3	38.9	40.1	39.1	(*)	1.5	1.6	1.9	1.3	—
3611	Electric measuring instruments	38.8	38.9	39.8	39.2	—	1.2	1.3	1.7	1.3	—
3612	Transformers	39.1	38.5	40.9	39.7	—	—	—	—	—	—
3613	Switchgear and switchboard apparatus	39.8	39.3	39.8	38.6	—	—	—	—	—	—
362	Electrical industrial apparatus	40.2	39.7	40.2	39.2	(*)	2.2	1.9	2.3	1.8	—
3621	Motors and generators	40.2	39.8	40.7	39.2	—	2.4	1.8	2.6	2.0	—
3622	Industrial controls	39.9	39.7	39.3	38.5	—	2.1	2.0	1.4	1.2	—
363	Household appliances	39.0	39.0	39.9	39.3	(*)	1.3	1.3	2.3	1.6	—
3632	Household refrigerators and freezers	38.9	39.2	39.7	39.4	—	—	—	—	—	—
3633	Household laundry equipment	39.3	38.2	40.8	39.5	—	—	—	—	—	—
3634	Electric housewares and fans	38.7	38.7	38.7	38.6	—	.9	1.2	1.9	1.5	—
364	Electric lighting and wiring equipment	38.4	38.7	40.4	39.4	(*)	1.2	1.3	2.7	2.1	—
3641	Electric lamps	39.3	39.4	41.3	40.0	—	1.5	1.4	3.0	2.0	—
3642	Lighting fixtures	38.2	38.6	39.9	39.8	—	1.2	1.6	2.8	2.6	—
3643,4	Wiring devices	38.2	38.5	40.3	38.9	—	1.0	1.1	2.4	1.7	—
365	Radio and TV receiving equipment	37.9	37.8	38.4	35.2	(*)	.4	.4	1.3	.3	—
366	Communication equipment	39.8	39.6	40.4	39.3	(*)	1.4	1.4	2.0	1.4	—
3661	Telephone and telegraph apparatus	39.6	39.4	40.8	39.4	—	—	—	—	—	—
3662	Radio and TV communication equipment	40.0	39.7	40.1	39.2	—	1.7	1.8	2.0	1.6	—
367	Electronic components and accessories	38.8	38.8	39.4	38.7	(*)	1.4	1.4	2.0	1.5	—
3671-3	Electron tubes	39.8	39.5	40.6	39.9	—	1.4	1.4	2.0	1.5	—
3674,9	Other electronic components	38.6	38.6	39.2	38.6	—	1.4	1.4	2.0	1.5	—
369	Miscellaneous electrical equip. and supplies	39.8	40.1	41.2	39.3	(*)	1.7	2.0	3.0	1.2	—
3694	Engine electrical equipment	39.8	40.0	41.1	38.9	—	—	—	—	—	—
37	<b>TRANSPORTATION EQUIPMENT</b>	39.8	39.8	41.8	39.8	42.3	2.0	2.1	3.9	2.4	—
371	Motor vehicles and equipment	39.6	39.6	43.1	40.5	(*)	1.6	1.8	5.1	2.8	—
3711	Motor vehicles	39.2	39.4	43.6	40.6	—	1.2	1.4	5.4	3.1	—
3712	Passenger car bodies	39.6	39.8	42.6	40.2	—	—	—	—	—	—
3713	Truck and bus bodies	38.6	39.6	40.6	39.3	—	—	—	—	—	—
3714	Motor vehicle parts and accessories	40.1	39.8	43.2	40.6	—	1.9	2.0	5.2	2.9	—
3715	Truck trailers	36.7	38.3	38.6	38.2	—	—	—	—	—	—
372	Aircraft and parts	41.0	40.7	41.1	39.6	(*)	2.6	2.3	2.8	1.9	—
3721	Aircraft	40.2	39.7	41.1	40.3	—	1.4	1.1	2.6	1.8	—
3722	Aircraft engines and engine parts	41.4	41.4	40.6	38.2	—	3.4	3.5	2.6	1.5	—
3723,9	Other aircraft parts and equipment	42.0	41.9	41.6	40.0	—	3.6	3.5	3.5	2.5	—
373	Ship and boat building and repairing	39.1	39.6	39.7	38.7	(*)	2.9	2.9	2.7	1.9	—
3731	Ship building and repairing	39.3	39.9	39.7	38.5	—	—	—	—	—	—
3732	Boat building and repairing	38.4	38.4	39.7	39.6	—	—	—	—	—	—
374	Railroad equipment	40.4	40.1	39.2	(*)	—	2.3	2.4	1.8	(*)	—
375,9	Other transportation equipment	38.3	39.1	39.3	38.8	—	1.6	1.8	2.1	2.4	—
38	<b>INSTRUMENTS AND RELATED PRODUCTS</b>	39.1	39.2	40.4	39.6	40.9	1.5	1.6	2.4	1.9	—
381	Engineering and scientific instruments	40.2	40.2	40.3	39.9	—	2.8	2.1	2.9	2.1	—
382	Mechanical measuring and control devices	38.7	38.9	40.5	39.0	(*)	1.5	1.7	2.3	1.6	—
3821	Mechanical measuring devices	39.3	39.5	40.0	38.9	—	1.9	1.9	2.2	1.4	—
3822	Automatic temperature controls	37.2	37.6	41.2	39.3	—	.6	1.1	2.5	1.9	—
383,5	Optical and ophthalmic goods	39.5	39.8	40.2	39.0	(*)	1.5	1.4	2.6	2.0	—
385	Ophthalmic goods	39.1	39.5	39.6	38.3	—	1.7	1.4	2.2	1.7	—
384	Medical instruments and supplies	38.3	38.2	39.3	38.6	(*)	1.1	1.5	2.0	1.3	—
386	Photographic equipment and supplies	39.8	40.1	41.8	42.0	(*)	1.3	1.6	3.0	3.1	—
387	Watches, clocks, and watch cases	38.5	38.8	39.6	38.3	—	1.4	1.3	1.5	1.0	—
39	<b>MISC. MANUFACTURING INDUSTRIES</b>	38.1	38.1	38.8	38.1	38.8	1.5	1.5	2.3	1.6	—
391	Jewelry, silverware, and plated ware	37.4	37.3	39.3	38.7	39.1	1.9	1.6	2.9	2.3	—
394	Toys and sporting goods	38.7	38.2	38.6	37.6	—	1.5	1.4	1.9	1.3	—
3941-3	Games, toys, dolls and play vehicles	39.4	38.3	37.6	36.8	—	—	—	—	—	—
3949	Sporting and athletic goods, nec	37.9	38.0	39.5	38.3	—	—	—	—	—	—
395	Pens, pencils, office and art supplies	37.9	39.1	40.4	39.6	—	1.6	1.7	2.9	2.5	—
396	Costume jewelry and notions	37.1	37.9	37.7	37.2	—	1.3	1.3	2.0	1.2	—
393,9	Other manufacturing industries	38.4	38.3	38.8	38.2	(*)	1.4	1.5	2.3	1.6	—
393	Musical instruments and parts	38.5	38.2	39.2	38.3	—	1.5	1.3	1.8	1.3	—
<b>NONDURABLE GOODS</b>											
20	<b>FOOD AND KINDRED PRODUCTS</b>	39.3	39.7	39.7	39.4	40.1	3.2	3.4	3.6	3.3	—
201	Meat products	38.9	38.7	39.5	39.5	(*)	3.1	3.3	3.8	3.6	—
2011	Meat packing plants	40.8	40.0	41.7	41.6	—	3.7	3.7	4.9	4.2	—
2013	Sausages and other prepared meats	39.1	40.8	39.7	40.5	—	—	—	—	—	—
2015	Poultry dressing plants	36.2	35.8	36.2	36.2	—	—	—	—	—	—

See footnotes at end of table.

ESTABLISHMENT DATA  
HOURS AND EARNINGS

80

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

SIC Code	Industry	Average weekly earnings					Average hourly earnings				
		Apr. 1975	May 1975	Mar. 1976	Apr. 1976 <sup>P</sup>	May 1976 <sup>P</sup>	Apr. 1975	May 1975	Mar. 1976	Apr. 1976 <sup>P</sup>	May 1976 <sup>P</sup>
	<b>NONDURABLE GOODS—Continued</b>										
	<b>FOOD AND KINDRED PRODUCTS—Continued</b>										
202	Dairy products .....	\$184.61	\$188.07	\$197.35	\$197.28	(*)	\$4.47	\$4.51	\$4.79	\$4.80	(*)
2024	Ice cream and frozen desserts .....	178.85	186.34	191.04	187.23	—	4.46	4.49	4.80	4.74	—
2026	Fluid milk .....	193.95	197.92	207.97	209.16	—	4.64	4.69	4.94	4.98	—
203	Canned, cured, and frozen foods .....	140.22	145.15	157.63	152.46	—	3.80	3.84	4.17	4.20	—
2031.6	Canned, cured, and frozen sea foods .....	104.56	113.57	140.56	129.12	—	3.33	3.37	3.83	3.82	—
2032.3	Canned food, except sea foods .....	157.92	159.15	169.48	167.32	—	4.07	4.06	4.46	4.51	—
2037	Frozen fruits and vegetables .....	133.13	138.99	148.22	140.84	—	3.55	3.61	3.86	3.88	—
204	Grain mill products .....	200.45	203.73	215.97	213.82	(*)	4.75	4.76	5.13	5.14	(*)
2041	Flour and other grain mill products .....	204.79	217.16	231.88	227.92	—	4.83	4.88	5.27	5.18	—
2042	Prepared feeds for animals and fowls .....	173.88	173.43	183.48	181.75	—	4.14	4.10	4.40	4.39	—
205	Bakery products .....	176.09	182.49	194.89	196.39	(*)	4.55	4.62	5.01	5.01	(*)
2051	Bread, cake, and related products .....	176.72	183.46	192.61	195.11	—	4.59	4.68	4.99	4.99	—
2052	Cookies and crackers .....	175.87	179.42	201.68	201.28	—	4.43	4.43	5.08	5.07	—
206	Sugar .....	202.54	199.49	220.99	227.56	—	4.94	4.95	5.47	5.51	—
207	Confectionery and related products .....	156.79	158.78	173.93	171.26	(*)	4.01	4.03	4.37	4.46	(*)
2071	Confectionery products .....	150.14	152.47	167.06	166.32	—	3.83	3.86	4.24	4.32	—
208	Beverages .....	208.56	212.40	216.31	229.71	\$232.40	5.28	5.31	5.49	5.70	\$5.71
2082	Malt liquors .....	291.64	294.10	312.49	337.00	—	6.83	6.92	7.37	7.59	—
2086	Bottled and canned soft drinks .....	150.11	154.81	166.37	179.21	—	3.94	3.99	4.31	4.56	—
209	Miscellaneous foods and kindred products .....	175.03	180.07	196.93	196.35	199.55	4.29	4.36	4.70	4.72	4.74
21	<b>TOBACCO MANUFACTURES</b> .....	178.40	174.58	191.88	193.26	193.54	4.77	4.77	5.01	5.14	5.12
211	Cigarettes .....	211.48	204.43	223.88	222.50	—	5.58	5.54	5.77	5.84	—
212	Cigars .....	104.54	103.01	119.04	111.03	—	2.92	2.91	3.10	3.11	—
22	<b>TEXTILE MILL PRODUCTS</b> .....	124.83	128.87	144.94	136.58	145.35	3.32	3.33	3.57	3.52	3.58
221	Weaving mills, cotton .....	124.13	129.20	152.46	140.18	(*)	3.31	3.33	3.63	3.54	(*)
222	Weaving mills, synthetics .....	124.07	130.60	151.98	140.82	(*)	3.39	3.41	3.68	3.62	(*)
223	Weaving and finishing mills, wool .....	132.01	133.47	151.84	144.76	(*)	3.42	3.44	3.65	3.61	(*)
224	Narrow fabric mills .....	122.56	126.80	139.67	134.98	136.28	3.20	3.21	3.39	3.40	3.39
225	Knitting mills .....	118.50	121.45	132.40	126.17	(*)	3.22	3.23	3.43	3.41	(*)
2251	Women's hosiery, except socks .....	108.90	110.40	114.87	110.95	—	3.00	3.00	3.13	3.17	—
2252	Hosiery, nec .....	104.02	108.49	120.71	114.66	—	2.93	2.94	3.16	3.15	—
2253	Knit underwear mills .....	117.78	118.47	133.46	128.10	—	3.29	3.30	3.54	3.50	—
2254	Knit underwear mills .....	100.50	102.14	118.13	114.87	—	2.93	2.91	3.15	3.13	—
226	Textile finishing, except wool .....	145.44	150.95	161.44	149.35	(*)	3.60	3.62	3.89	3.81	(*)
227	Floor covering mills .....	134.80	135.59	149.29	143.28	—	3.43	3.45	3.65	3.60	—
228	Yarn and thread mills .....	114.39	119.81	133.87	129.03	(*)	3.10	3.12	3.33	3.30	(*)
229	Miscellaneous textile goods .....	140.01	145.52	163.28	157.08	(*)	3.59	3.62	3.86	3.85	(*)
23	<b>APPAREL AND OTHER TEXTILE PRODUCTS</b> .....	108.07	108.05	121.99	117.28	120.62	3.16	3.15	3.37	3.37	3.36
231	Men's and boys' suits and coats .....	123.43	124.80	148.92	143.03	(*)	3.87	3.84	4.08	4.11	(*)
232	Men's and boys' furnishings .....	96.56	98.77	113.22	109.60	(*)	2.84	2.83	3.06	3.07	(*)
2321	Men's and boys' shirts and nightwear .....	92.57	95.50	112.04	107.64	—	2.78	2.76	3.02	2.99	—
2327	Men's and boys' separate trousers .....	97.34	98.38	115.44	111.51	—	2.88	2.86	3.12	3.15	—
2328	Men's and boys' work clothing .....	96.67	99.44	110.26	106.61	—	2.77	2.77	2.98	3.02	—
233	Women's and misses' outerwear .....	108.22	105.30	118.68	113.16	(*)	3.24	3.23	3.46	3.45	(*)
2331	Women's and misses' blouses and waists .....	104.38	104.69	113.14	107.91	—	3.07	3.07	3.27	3.27	—
2335	Women's and misses' dresses .....	108.90	101.62	119.64	114.34	—	3.32	3.31	3.55	3.54	—
2337	Women's and misses' suits and coats .....	114.76	122.76	128.02	117.80	—	3.69	3.72	3.81	3.80	—
2339	Women's and misses' outerwear, nec .....	106.61	104.00	115.34	111.15	—	3.02	2.98	3.24	3.25	—
234	Women's and children's undergarments .....	98.02	98.21	113.83	110.41	(*)	2.90	2.88	3.11	3.11	(*)
2341	Women's and children's underwear .....	94.19	94.64	109.99	106.61	—	2.82	2.80	3.03	3.02	—
2342	Corsets and allied garments .....	110.57	110.49	128.48	123.46	—	3.15	3.13	3.39	3.42	—
235	Hats, caps, and millinery .....	104.23	101.96	114.44	110.77	—	2.84	2.84	3.06	3.01	—
236	Children's outerwear .....	101.91	104.31	113.52	107.26	(*)	2.92	2.93	3.11	3.10	(*)
2361	Children's dresses and blouses .....	98.74	99.96	110.80	104.86	—	2.93	2.94	3.13	3.13	—
237.8	Fur goods and miscellaneous apparel .....	112.75	116.44	123.03	120.27	—	3.24	3.28	3.38	3.35	—
239	Miscellaneous fabricated textile products .....	130.92	131.67	143.26	138.74	(*)	3.51	3.53	3.78	3.76	(*)
2391,2	Housefurnishings .....	108.92	109.21	114.64	112.73	—	2.92	2.92	3.09	3.08	—
26	<b>PAPER AND ALLIED PRODUCTS</b> .....	193.36	197.80	221.55	219.23	226.63	4.81	4.86	5.25	5.27	5.23
261,2.6	Paper and pulp mills .....	222.38	228.87	259.16	263.59	264.03	5.32	5.36	5.89	5.91	5.92
263	Paperboard mills .....	224.39	229.90	260.83	260.32	265.87	5.42	5.50	6.01	6.04	6.07
264	Miscellaneous converted paper products .....	172.13	174.94	196.11	188.80	(*)	4.38	4.44	4.76	4.72	(*)
2643	Bags, except textile bags .....	164.58	165.75	184.32	179.05	—	4.22	4.25	4.54	4.51	—
265	Paperboard containers and boxes .....	172.77	177.01	196.46	189.77	(*)	4.43	4.47	4.78	4.78	(*)
2651,2	Folding and setup paperboard boxes .....	162.09	164.44	186.71	180.06	—	4.21	4.26	4.61	4.57	—
2653	Corrugated and solid fiber boxes .....	181.42	185.80	206.41	199.29	—	4.64	4.68	5.01	5.02	—
2654	Sanitary food containers .....	167.93	173.77	186.06	180.00	—	4.23	4.28	4.43	4.50	—

See footnotes at end of table.

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

SIC Code	Industry	Average weekly hours					Average overtime hours				
		Apr. 1975	May 1975	Mar. 1976	Apr. 1976 <sup>P</sup>	May 1975 <sup>P</sup>	Apr. 1975	May 1975	Mar. 1976	Apr. 1976 <sup>P</sup>	May 1976 <sup>P</sup>
	<b>NONDURABLE GOODS—Continued</b>										
	<b>FOOD AND KINDRED PRODUCTS—Continued</b>										
202	Dairy products .....	41.3	41.7	41.2	41.1	(*)	3.7	4.1	3.8	3.6	—
2024	Ice cream and frozen desserts .....	40.1	41.5	39.8	39.5	—	—	—	—	—	—
2026	Fluid milk .....	41.8	42.2	42.1	42.0	—	—	—	—	—	—
203	Canned, cured, and frozen foods .....	36.9	37.8	37.8	36.3	—	2.3	2.5	2.7	2.1	—
2031,6	Canned, cured, and frozen sea foods .....	31.4	33.7	36.7	33.8	—	—	—	—	—	—
2032,3	Canned food, except sea foods .....	38.8	39.2	38.0	37.1	—	—	—	—	—	—
2037	Frozen fruits and vegetables .....	37.5	38.5	38.4	36.3	—	—	—	—	—	—
204	Grain mill products .....	42.2	42.8	42.1	41.6	(*)	5.2	5.5	5.0	4.5	—
2041	Flour and other grain mill products .....	42.4	44.5	44.0	44.0	—	—	—	—	—	—
2042	Prepared feeds for animals and fowls .....	42.0	42.3	41.7	41.4	—	—	—	—	—	—
205	Bakery products .....	38.7	39.5	38.9	39.2	(*)	3.0	3.5	3.0	3.2	—
2051	Bread, cake, and related products .....	38.5	39.2	38.6	39.1	—	—	—	—	—	—
2052	Cookies and crackers .....	39.7	40.5	39.7	39.7	—	—	—	—	—	—
206	Sugar .....	41.0	40.3	40.4	41.3	—	3.0	2.8	3.7	2.8	—
207	Confectionery and related products .....	39.1	39.4	39.8	38.4	(*)	2.2	2.0	2.8	1.7	—
2071	Confectionery products .....	39.2	39.5	39.4	38.5	—	—	—	—	—	—
208	Beverages .....	39.5	40.0	39.4	40.3	40.7	3.1	3.4	3.1	4.0	—
2082	Malt liquors .....	42.7	42.5	42.4	44.4	—	—	—	—	—	—
2086	Bottled and canned soft drinks .....	38.1	38.8	38.6	39.3	—	—	—	—	—	—
209	Miscellaneous foods and kindred products .....	40.8	41.3	41.9	41.6	42.1	3.7	4.0	4.8	4.3	—
21	<b>TOBACCO MANUFACTURES</b> .....	37.4	36.6	38.3	37.6	37.8	1.8	1.4	1.0	.8	—
211	Cigarettes .....	37.9	36.9	38.8	38.1	—	2.2	1.5	.9	.7	—
212	Cigars .....	35.8	35.4	38.4	35.7	—	.5	.7	1.4	.8	—
22	<b>TEXTILE MILL PRODUCTS</b> .....	37.6	38.7	40.6	38.8	40.6	2.1	2.7	3.8	2.4	—
221	Weaving mills, cotton .....	37.5	38.8	42.0	39.6	(*)	2.3	2.8	4.9	2.8	—
222	Weaving mills, synthetics .....	36.6	38.3	41.3	38.9	(*)	1.4	2.0	4.3	2.6	—
223	Weaving and finishing mills, wool .....	38.6	38.8	41.6	40.1	(*)	1.9	2.4	3.8	2.7	—
224	Narrow fabric mills .....	38.3	39.5	41.2	39.7	40.2	2.1	2.6	3.4	3.0	—
225	Knitting mills .....	36.8	37.6	38.6	37.0	(*)	1.9	2.4	2.7	1.6	—
2251	Women's hosiery, except socks .....	36.3	36.8	36.7	35.0	—	—	—	—	—	—
2252	Hosiery, nec .....	35.5	36.9	38.2	36.4	—	—	—	—	—	—
2253	Knit outerwear mills .....	35.8	35.9	37.7	36.6	—	—	—	—	—	—
2254	Knit underwear mills .....	34.3	35.1	37.5	36.7	—	—	—	—	—	—
226	Textile finishing, except wool .....	40.4	41.7	41.5	39.2	(*)	3.3	4.5	4.5	2.9	—
227	Floor covering mills .....	39.3	39.3	40.9	39.8	—	2.3	2.3	3.5	2.5	—
228	Yarn and thread mills .....	36.9	38.4	40.2	39.1	(*)	1.8	2.6	3.5	2.4	—
229	Miscellaneous textile goods .....	39.0	40.2	42.3	40.8	(*)	2.6	2.9	4.1	3.2	—
23	<b>APPAREL AND OTHER TEXTILE PRODUCTS</b> .....	34.2	34.3	36.2	34.8	35.9	.8	.8	1.4	.9	—
231	Men's and boys' suits and coats .....	31.9	32.5	36.5	34.8	(*)	.5	.4	1.2	.7	—
232	Men's and boys' furnishings .....	34.0	34.9	37.0	35.7	(*)	.5	.8	1.2	.9	—
2321	Men's and boys' shirts and nightwear .....	33.3	34.6	37.1	36.0	—	.6	.7	1.4	.8	—
2327	Men's and boys' separate trousers .....	33.8	34.4	37.0	35.4	—	.3	.8	1.2	.9	—
2328	Men's and boys' work clothing .....	34.9	35.9	37.0	35.3	—	.6	.7	1.0	.8	—
233	Women's and misses' outerwear .....	33.4	32.6	34.3	32.8	(*)	1.0	.7	1.3	.9	—
2331	Women's and misses' blouses and waists .....	34.0	34.1	34.6	33.0	—	—	—	—	—	—
2335	Women's and misses' dresses .....	32.8	30.7	33.7	32.3	—	.9	.5	1.1	.9	—
2337	Women's and misses' suits and coats .....	31.1	33.0	33.6	31.0	—	.5	.7	1.1	.8	—
2339	Women's and misses' outerwear, nec .....	35.3	34.9	35.6	34.2	—	1.3	.9	1.7	.8	—
234	Women's and children's undergarments .....	33.8	34.1	36.6	35.5	(*)	.6	.5	1.4	.8	—
2341	Women's and children's underwear .....	33.4	33.8	36.3	35.3	—	—	—	—	—	—
2342	Corsets and allied garments .....	35.1	35.3	37.9	36.1	—	—	—	—	—	—
235	Hats, caps, and millinery .....	36.7	35.9	37.4	36.8	—	1.1	1.1	1.0	1.3	—
236	Children's outerwear .....	34.9	35.6	36.5	34.6	(*)	.8	1.1	1.7	.9	—
2361	Children's dresses and blouses .....	33.7	34.0	35.4	33.5	—	—	—	—	—	—
237,8	Fur goods and miscellaneous apparel .....	34.8	35.5	36.4	35.9	—	.9	1.1	1.3	.9	—
239	Miscellaneous fabricated textile products .....	37.3	37.3	37.9	36.9	(*)	1.5	1.5	1.9	1.4	—
2391,2	Housefurnishings .....	37.3	37.4	37.1	36.6	—	—	—	—	—	—
26	<b>PAPER AND ALLIED PRODUCTS</b> .....	40.2	40.7	42.2	41.6	42.6	3.2	3.5	4.7	4.0	—
261,2,6	Paper and pulp mills .....	41.8	42.7	44.0	44.6	44.6	4.7	5.0	6.1	5.8	—
263	Paperboard mills .....	41.4	41.8	43.4	43.1	43.8	4.7	5.2	6.5	6.2	—
264	Miscellaneous converted paper products .....	39.3	39.4	41.2	40.0	(*)	2.0	2.2	3.5	2.7	—
2643	Bags, except textile bags .....	39.0	39.0	40.6	39.7	—	—	—	—	—	—
265	Paperboard containers and boxes .....	39.0	39.6	41.1	39.7	(*)	2.2	2.6	3.7	2.6	—
2651,2	Folding and setup paperboard boxes .....	38.5	38.6	40.5	39.4	—	—	—	—	—	—
2653	Corrugated and solid fiber boxes .....	39.1	39.7	41.2	39.7	—	2.5	2.9	3.8	2.9	—
2654	Sanitary food containers .....	39.7	40.6	42.0	40.0	—	—	—	—	—	—

See footnotes at end of table.

**ESTABLISHMENT DATA  
HOURS AND EARNINGS**

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

SIC Code	Industry	Average weekly earnings					Average hourly earnings				
		Apr. 1975	May 1975	Mar. 1976	Apr. 1976 <sup>P</sup>	May 1976 <sup>P</sup>	Apr. 1975	May 1975	Mar. 1976	Apr. 1976 <sup>P</sup>	May 1976 <sup>P</sup>
<b>NONDURABLE GOODS—Continued</b>											
27	<b>PRINTING AND PUBLISHING</b>	\$192.15	\$195.24	\$208.88	\$207.01	\$211.31	\$5.25	\$5.32	\$5.60	\$5.61	\$5.65
271	Newspapers	195.94	200.90	210.46	210.91	213.81	5.78	5.84	6.19	6.24	6.27
272	Periodicals	196.27	201.47	213.01	218.12	—	5.22	5.33	5.65	5.74	—
273	Books	168.59	170.93	184.89	180.98	—	4.46	4.51	4.79	4.75	—
275	Commercial printing	198.15	201.00	217.11	214.68	217.70	5.27	5.36	5.61	5.62	5.64
2751	Commercial printing, except lithographic	192.24	195.98	209.44	207.10	—	5.14	5.24	5.44	5.45	—
2752	Commercial printing, lithographic	207.93	209.25	228.90	226.53	—	5.53	5.58	5.93	5.93	—
278	Blankbooks and bookbinding	149.63	153.03	166.80	160.98	166.80	3.99	4.07	4.31	4.27	4.31
274,6,7,9	Other publishing and printing ind.	199.72	199.56	213.16	207.39	(*)	5.34	5.35	5.58	5.56	(*)
28	<b>CHEMICALS AND ALLIED PRODUCTS</b>	211.41	215.18	236.55	239.20	239.37	5.22	5.30	5.70	5.75	5.81
281	Industrial chemicals	235.18	238.45	263.76	275.20	(*)	5.75	5.83	6.31	6.46	(*)
2812	Alkalies and chlorine	239.94	238.99	260.18	281.80	—	5.58	5.61	6.18	6.39	—
2818	Industrial organic chemicals, nec.	253.59	258.71	290.28	306.60	—	6.17	6.31	6.83	7.00	—
2819	Industrial inorganic chemicals, nec.	225.74	224.87	245.22	254.82	—	5.56	5.58	6.04	6.17	—
282	Plastics materials and synthetics	202.18	211.12	233.38	235.33	(*)	5.08	5.20	5.61	5.63	(*)
2821	Plastics materials and resins	214.65	221.12	252.74	251.39	—	5.30	5.38	5.81	5.86	—
2823,4	Synthetic fibers	188.25	199.39	212.78	216.07	—	4.79	4.96	5.28	5.27	—
283	Drugs	207.65	207.06	219.50	214.94	(*)	5.04	5.10	5.38	5.36	(*)
2834	Pharmaceutical preparations	202.21	201.69	214.20	209.48	—	4.92	4.98	5.25	5.25	—
284	Soap, cleaners, and toilet goods	204.57	207.20	223.99	216.91	(*)	5.14	5.18	5.49	5.45	(*)
2841	Soap and other detergents	265.15	268.86	284.13	280.03	—	6.42	6.51	6.83	6.83	—
2844	Toilet preparations	164.12	166.60	185.60	179.64	—	4.23	4.25	4.64	4.63	—
285	Paints and allied products	190.12	196.80	217.42	214.12	(*)	4.85	4.92	5.29	5.30	(*)
287	Agricultural chemicals	190.85	192.04	217.25	223.55	(*)	4.48	4.54	4.96	4.99	(*)
2871,2	Fertilizers, complete and mixing only	178.90	179.35	205.15	212.51	—	4.18	4.24	4.61	4.64	—
286,9	Other chemical products	198.59	200.10	220.71	219.37	(*)	4.94	4.99	5.37	5.39	(*)
2892	Explosives	196.52	201.00	215.20	220.54	—	4.95	5.00	5.34	5.34	—
29	<b>PETROLEUM AND COAL PRODUCTS</b>	258.30	262.70	295.94	300.17	304.01	6.30	6.33	7.08	7.13	7.17
291	Petroleum refining	277.98	278.66	319.14	326.70	(*)	6.78	6.78	7.69	7.76	(*)
295,9	Other petroleum and coal products	195.43	211.30	224.80	222.50	(*)	4.79	4.96	5.24	5.26	(*)
30	<b>RUBBER AND PLASTICS PRODUCTS, NEC</b>	165.75	169.42	185.64	177.30	177.39	4.25	4.30	4.55	4.50	4.38
301	Tires and inner tubes	222.05	231.71	261.76	243.67	(*)	5.51	5.57	5.99	5.90	(*)
302,3,6	Other rubber products	158.18	161.28	183.11	174.27	(*)	4.13	4.20	4.51	4.48	(*)
302	Rubber footwear	122.72	119.13	130.20	123.90	—	3.29	3.30	3.50	3.51	—
307	Miscellaneous plastics products	149.76	150.93	163.21	158.34	(*)	3.84	3.86	4.07	4.06	(*)
31	<b>LEATHER AND LEATHER PRODUCTS</b>	115.56	117.76	129.88	126.51	131.63	3.21	3.20	3.40	3.41	3.41
311	Leather tanning and finishing	167.16	169.97	186.59	181.70	(*)	4.20	4.26	4.54	4.52	(*)
314	Footwear, except rubber	107.41	110.96	124.15	120.58	126.10	3.06	3.04	3.25	3.25	3.25
312,3,5,7,9	Other leather products	118.03	116.75	125.29	121.32	(*)	3.19	3.19	3.35	3.37	(*)
316	Luggage	117.02	116.60	127.35	124.24	—	3.18	3.16	3.47	3.57	—
317	Handbags and personal leather goods	119.35	115.75	121.98	113.21	—	3.10	3.12	3.21	3.18	—
—	<b>TRANSPORTATION AND PUBLIC UTILITIES</b>	226.55	226.00	248.46	249.40	252.65	5.75	5.78	6.29	6.33	6.38
4011	<b>RAILROAD TRANSPORTATION:</b> Class I railroads <sup>2</sup>	254.17	248.29	291.04	(*)	—	5.87	5.94	6.66	(*)	—
411	<b>LOCAL AND INTERURBAN PASSENGER TRANSIT:</b> Local and suburban transportation	189.03	196.09	204.23	213.07	—	4.81	4.89	5.21	5.34	—
413	Intercity highway transportation	228.16	230.78	244.30	253.60	—	6.02	6.01	6.48	6.57	—
42	<b>TRUCKING AND WAREHOUSING</b>	233.64	235.22	249.77	251.70	—	5.90	5.94	6.26	6.34	—
421,3	Trucking and trucking terminals	239.18	241.16	225.60	257.51	—	6.04	6.09	6.39	6.47	—
422	Public warehousing	165.75	166.57	178.09	180.50	—	4.25	4.26	4.59	4.64	—
46	<b>PIPE LINE TRANSPORTATION</b>	276.11	283.18	302.41	303.14	—	6.92	6.89	7.34	7.34	—
48	<b>COMMUNICATION</b>	210.65	209.34	236.16	237.84	—	5.50	5.48	6.15	6.13	—
481	Telephone communication	211.25	209.00	238.51	241.10	—	5.53	5.50	6.26	6.23	—
4817	Switchboard operating employees <sup>3</sup>	152.59	155.64	170.50	184.23	—	4.61	4.66	5.23	5.34	—
4818	Line construction employees <sup>4</sup>	272.64	268.39	300.30	299.33	—	6.37	6.33	7.15	7.11	—
482	Telegraph communication <sup>5</sup>	229.55	235.87	257.92	(*)	—	5.64	5.67	6.20	(*)	—
483	Radio and television broadcasting	207.59	210.14	225.79	224.26	—	5.42	5.43	5.76	5.78	—

See footnotes at end of table.



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

SIC Code	Industry	Average weekly hours					Average overtime hours				
		Apr. 1975	May 1975	Mar. 1976	Apr. 1976 <sup>P</sup>	May 1976 <sup>P</sup>	Apr. 1975	May 1975	Mar. 1976	Apr. 1976 <sup>P</sup>	May 1976 <sup>P</sup>
<b>NONDURABLE GOODS—Continued</b>											
27	<b>PRINTING AND PUBLISHING</b> .....	36.6	36.7	37.3	36.9	37.4	1.9	2.0	2.3	2.1	—
271	Newspapers .....	33.9	34.4	34.0	33.8	34.1	1.5	1.8	1.4	1.5	—
272	Periodicals .....	37.6	37.8	37.7	38.0	—	2.0	2.4	2.1	2.8	—
273	Books .....	37.8	37.9	38.6	38.1	—	2.3	2.2	2.6	2.7	—
275	Commercial printing .....	37.6	37.5	38.7	38.2	38.6	2.3	2.3	2.9	2.7	—
2751	Commercial printing, except lithographic .....	37.4	37.4	38.5	38.0	—	2.1	2.4	2.8	2.6	—
2752	Commercial printing, lithographic .....	37.6	37.5	38.6	38.2	—	2.5	2.3	3.0	2.8	—
278	Blankbooks and bookbinding .....	37.5	37.6	38.7	37.7	38.7	1.3	1.2	2.0	1.4	—
274,6,7,9	Other publishing and printing ind. ....	37.4	37.3	38.2	37.3	(*)	1.7	1.6	2.2	1.7	—
28	<b>CHEMICALS AND ALLIED PRODUCTS</b> ...	40.5	40.6	41.5	41.6	41.2	2.3	2.4	3.2	3.2	—
281	Industrial chemicals .....	40.9	40.9	41.8	42.6	(*)	2.4	2.4	3.3	3.9	—
2812	Alkalies and chlorine .....	43.0	42.6	42.1	44.1	—	—	—	—	—	—
2818	Industrial organic chemicals, nec. ....	41.1	41.0	42.5	43.8	—	2.1	2.1	3.5	4.4	—
2819	Industrial inorganic chemicals, nec. ....	40.6	40.3	40.6	41.3	—	2.5	2.3	2.8	3.4	—
282	Plastics materials and synthetics .....	39.8	40.6	41.6	41.8	(*)	1.6	1.9	3.0	2.8	—
2821	Plastics materials and resins .....	40.5	41.1	43.5	42.9	—	2.4	2.5	4.7	4.4	—
2823,4	Synthetic fibers .....	39.3	40.2	40.3	41.0	—	1.0	1.5	1.9	1.6	—
283	Drugs .....	41.2	40.6	40.8	40.1	(*)	2.6	2.3	2.5	1.9	—
2834	Pharmaceutical preparations .....	41.1	40.5	40.8	39.9	—	—	—	—	—	—
284	Soap, cleaners, and toilet goods .....	39.8	40.0	40.8	39.8	(*)	2.0	2.1	2.9	2.1	—
2841	Soap and other detergents .....	41.3	41.3	41.6	41.0	—	—	—	—	—	—
2844	Toilet preparations .....	38.8	39.2	40.0	38.8	—	—	—	—	—	—
285	Paints and allied products .....	39.2	40.0	41.1	40.4	(*)	1.7	2.4	3.2	2.4	—
287	Agricultural chemicals .....	42.6	42.3	43.8	44.8	(*)	4.6	4.6	6.0	6.9	—
2871,2	Fertilizers, complete and mixing only .....	42.8	42.3	44.5	45.8	—	—	—	—	—	—
286,9	Other chemical products .....	40.2	40.1	41.1	40.7	(*)	2.0	2.3	2.9	2.5	—
2892	Explosives .....	39.7	40.2	40.3	41.3	—	—	—	—	—	—
29	<b>PETROLEUM AND COAL PRODUCTS</b> .....	41.0	41.5	41.8	42.1	42.4	2.7	3.0	3.5	2.9	—
291	Petroleum refining .....	41.0	41.1	41.5	42.1	(*)	2.5	2.5	2.9	2.3	—
295,9	Other petroleum and coal products .....	40.8	42.6	42.9	42.3	(*)	3.4	4.7	5.3	4.8	—
30	<b>RUBBER AND PLASTICS PRODUCTS, NEC</b> .....	39.0	39.4	40.8	39.4	40.5	2.1	2.4	3.6	2.4	—
301	Tires and inner tubes .....	40.3	41.6	43.7	41.3	(*)	2.9	3.8	5.4	3.6	—
302,3,6	Other rubber products .....	38.3	38.4	40.6	38.9	(*)	1.5	1.7	3.2	1.9	—
302	Rubber footwear .....	37.3	36.1	37.2	35.3	—	1.3	1.1	1.0	1.0	—
307	Miscellaneous plastics products .....	39.0	39.1	40.1	39.0	(*)	2.1	2.2	3.2	2.2	—
31	<b>LEATHER AND LEATHER PRODUCTS</b> .....	36.0	36.8	38.2	37.1	38.6	1.3	1.4	2.3	1.6	—
311	Leather tanning and finishing .....	39.8	39.9	41.1	40.2	(*)	3.0	3.3	4.1	3.6	—
314	Footwear, except rubber .....	35.1	36.5	38.2	37.1	38.8	1.0	1.2	2.2	1.5	—
312,3,5-7,9	Other leather products .....	37.0	36.6	37.4	36.0	(*)	1.5	1.3	2.0	1.3	—
316	Luggage .....	36.8	36.9	36.7	34.8	—	.8	1.4	1.9	1.2	—
317	Handbags and personal leather goods .....	38.5	37.1	38.0	35.6	—	2.1	1.6	2.4	1.3	—
—	<b>TRANSPORTATION AND PUBLIC UTILITIES</b> .....	39.4	39.1	39.5	39.4	39.6	—	—	—	—	—
4011	<b>RAILROAD TRANSPORTATION:</b> Class I railroads <sup>2</sup> .....	43.3	41.8	43.7	(*)	—	—	—	—	—	—
411	<b>LOCAL AND INTERURBAN PASSENGER TRANSIT:</b> Local and suburban transportation .....	39.3	40.1	39.2	39.9	—	—	—	—	—	—
413	Intercity highway transportation .....	37.9	38.4	37.7	38.6	—	—	—	—	—	—
42	<b>TRUCKING AND WAREHOUSING</b> .....	39.6	39.6	39.9	39.7	—	—	—	—	—	—
421,3	Trucking and trucking terminals .....	39.6	39.6	40.0	39.8	—	—	—	—	—	—
422	Public warehousing .....	39.0	39.1	38.8	38.9	—	—	—	—	—	—
46	<b>PIPE LINE TRANSPORTATION</b> .....	39.9	41.1	41.2	41.3	—	—	—	—	—	—
48	<b>COMMUNICATION</b> .....	38.3	38.2	38.4	38.8	—	—	—	—	—	—
481	Telephone communication .....	38.2	38.0	38.1	38.7	—	—	—	—	—	—
4817	Switchboard operating employees <sup>3</sup> .....	33.1	33.4	32.6	34.5	—	—	—	—	—	—
4818	Line construction employees <sup>4</sup> .....	42.8	42.4	42.0	42.1	—	—	—	—	—	—
482	Telegraph communication <sup>5</sup> .....	40.7	41.6	41.6	(*)	—	—	—	—	—	—
483	Radio and television broadcasting .....	38.3	38.7	39.2	38.8	—	—	—	—	—	—

See footnotes at end of table.

**ESTABLISHMENT DATA  
HOURS AND EARNINGS**

84

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

SIC Code	Industry	Average weekly earnings					Average hourly earnings				
		Apr. 1975	May 1975	Mar. 1976	Apr. 1976 <sup>P</sup>	May 1976 <sup>P</sup>	Apr. 1975	May 1975	Mar. 1976	Apr. 1976 <sup>P</sup>	May 1976 <sup>P</sup>
<b>TRANSPORTATION AND PUBLIC UTILITIES—Continued</b>											
49	<b>ELECTRIC, GAS, AND SANITARY SERVICES</b>	\$240.44	\$241.72	\$265.15	\$265.79	—	\$5.85	\$5.91	\$6.42	\$6.42	—
491	Electric companies and systems	245.55	246.02	268.69	269.80	—	5.96	6.03	6.49	6.47	—
492	Gas companies and systems	216.26	217.95	236.74	242.98	—	5.42	5.49	5.86	5.97	—
493	Combination companies and systems	266.49	267.30	299.17	296.61	—	6.33	6.41	7.14	7.13	—
494.7	Water, steam, and sanitary systems	196.25	200.86	210.01	213.83	—	4.81	4.84	5.16	5.19	—
<b>WHOLESALE AND RETAIL TRADE</b>											
		123.25	124.99	130.20	131.71	\$132.38	3.69	3.72	3.91	3.92	\$3.94
50	<b>WHOLESALE TRADE</b>	183.84	185.96	194.81	196.35	199.31	4.80	4.83	5.06	5.10	5.15
501	Motor vehicles and automotive equipment	168.39	169.17	176.67	179.08	—	4.34	4.36	4.53	4.58	—
502	Drugs, chemicals, and allied products	183.65	186.37	199.21	200.63	—	4.95	5.01	5.27	5.35	—
503	Dry goods and apparel	156.24	155.14	170.46	165.20	—	4.34	4.37	4.67	4.68	—
504	Groceries and related products	176.95	180.34	191.23	192.12	—	4.62	4.66	4.98	4.99	—
506	Electrical goods	198.79	201.60	215.07	213.05	—	5.02	5.04	5.35	5.38	—
507	Hardware, plumbing and heating equipment	170.86	173.74	185.96	191.59	—	4.52	4.56	4.83	4.90	—
508	Machinery, equipment, and supplies	204.34	205.77	213.70	215.76	—	5.16	5.17	5.41	5.49	—
509	Miscellaneous wholesalers	181.76	184.24	191.52	193.29	—	4.86	4.90	5.08	5.10	—
52-59	<b>RETAIL TRADE</b>	104.95	106.25	110.32	112.35	112.32	3.29	3.31	3.48	3.50	3.51
53	Retail general merchandise	98.23	98.85	103.46	105.43	—	3.21	3.22	3.37	3.39	—
531	Department stores	100.90	101.54	105.10	108.06	—	3.33	3.34	3.48	3.52	—
532	Mail order houses	133.09	135.38	139.36	139.70	—	4.07	4.09	4.16	4.17	—
533	Variety stores	75.85	77.48	82.29	84.56	—	2.58	2.60	2.78	2.80	—
54	Food stores	123.24	125.05	134.62	137.05	—	3.90	3.92	4.22	4.23	—
541-3	Grocery, meat, and vegetable stores	127.28	128.72	139.10	141.16	—	3.99	4.01	4.32	4.33	—
56	Apparel and accessory stores	87.02	89.40	91.73	97.30	—	2.96	3.00	3.12	3.19	—
561	Men's and boys' clothing and furnishings	111.30	113.63	113.04	121.39	—	3.50	3.54	3.60	3.77	—
562	Women's ready-to-wear stores	77.51	79.15	82.94	86.14	—	2.71	2.72	2.88	2.92	—
565	Family clothing stores	83.77	86.98	87.62	94.54	—	2.83	2.88	2.97	3.03	—
566	Shoe stores	83.93	88.52	90.76	99.20	—	3.03	3.15	3.23	3.34	—
57	Furniture and home furnishings stores	140.48	143.11	146.73	148.32	—	3.87	3.91	4.11	4.12	—
571	Furniture and home furnishings	143.15	144.99	148.93	151.68	—	3.89	3.94	4.16	4.19	—
58	Eating and drinking places <sup>6</sup>	69.90	71.21	70.10	71.12	—	2.47	2.49	2.54	2.54	—
52,55,59	Other retail trade	131.04	133.96	138.60	141.62	—	3.62	3.67	3.85	3.88	—
52	Building materials and farm equipment	144.38	146.66	152.88	155.63	—	3.75	3.78	3.92	3.95	—
551,2	Motor vehicle dealers	172.53	176.51	185.57	190.39	—	4.39	4.48	4.71	4.82	—
553,9	Other automotive and accessory dealers	144.51	146.83	154.05	159.19	—	3.64	3.68	3.94	4.02	—
591	Drug stores and proprietary stores	94.13	96.30	102.11	103.12	—	3.18	3.21	3.37	3.37	—
594	Book and stationery stores	111.53	115.91	119.19	120.52	—	3.39	3.46	3.59	3.63	—
598	Fuel and ice dealers	173.60	169.46	178.70	177.80	—	4.34	4.29	4.49	4.49	—
<b>FINANCE, INSURANCE, AND REAL ESTATE<sup>7</sup></b>											
		148.06	149.19	156.88	158.78	161.85	4.09	4.11	4.31	4.35	4.41
60	Banking	127.79	127.43	132.13	133.59	—	3.53	3.53	3.65	3.66	—
61	Credit agencies other than banks	136.16	135.79	141.72	143.23	—	3.67	3.66	3.82	3.84	—
612	Savings and loan associations	133.22	132.49	138.70	140.21	—	3.62	3.62	3.80	3.81	—
62	Security, commodity brokers and services	263.27	267.14	289.11	(*)	—	6.91	7.03	7.49	(*)	—
63	Insurance carriers	156.77	157.93	166.73	167.32	—	4.26	4.28	4.47	4.51	—
631	Life insurance	157.56	158.36	165.10	164.86	—	4.27	4.28	4.45	4.48	—
632	Accident and health insurance	141.84	142.88	158.46	161.03	—	3.94	3.98	4.17	4.26	—
633	Fire, marine, and casualty insurance	160.52	162.19	170.46	170.75	—	4.35	4.36	4.57	4.59	—

See footnotes at end of table.

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

SIC Code	Industry	Average weekly hours					Average overtime hours				
		Apr. 1975	May 1975	Mar. 1976	Apr. <sup>P</sup> 1976	May <sup>P</sup> 1976	Apr. 1975	May 1975	Mar. 1976	Apr. <sup>P</sup> 1976	May <sup>P</sup> 1976
--	<b>TRANSPORTATION AND PUBLIC UTILITIES—Continued</b>										
49	<b>ELECTRIC, GAS, AND SANITARY SERVICES</b>										
	.....	41.1	40.9	41.3	41.4	--	--	--	--	--	
491	Electric companies and systems .....	41.2	40.8	41.4	41.7	--	--	--	--	--	
492	Gas companies and systems .....	39.9	39.7	40.4	40.7	--	--	--	--	--	
493	Combination companies and systems .....	42.1	41.7	41.9	41.6	--	--	--	--	--	
494-7	Water, steam, and sanitary systems .....	40.8	41.5	40.7	41.2	--	--	--	--	--	
--	<b>WHOLESALE AND RETAIL TRADE</b>	33.4	33.6	33.3	33.6	33.6	--	--	--	--	
50	<b>WHOLESALE TRADE</b>	38.3	38.5	38.5	38.5	38.7	--	--	--	--	
501	Motor vehicles and automotive equipment ..	38.8	38.8	39.0	39.1	--	--	--	--	--	
502	Drugs, chemicals, and allied products .....	37.1	37.2	37.8	37.5	--	--	--	--	--	
503	Dry goods and apparel .....	36.0	35.5	36.5	35.3	--	--	--	--	--	
504	Groceries and related products .....	38.3	38.7	38.4	38.5	--	--	--	--	--	
506	Electrical goods .....	39.6	40.0	40.2	39.6	--	--	--	--	--	
507	Hardware, plumbing and heating equipment ..	37.8	38.1	38.5	39.1	--	--	--	--	--	
508	Machinery, equipment, and supplies .....	39.6	39.8	39.5	39.3	--	--	--	--	--	
509	Miscellaneous wholesalers .....	37.4	37.6	37.7	37.9	--	--	--	--	--	
52-59	<b>RETAIL TRADE</b>	31.9	32.1	31.7	32.1	32.0	--	--	--	--	
53	Retail general merchandise .....	30.6	30.7	30.7	31.1	--	--	--	--	--	
531	Department stores .....	30.3	30.4	30.2	30.7	--	--	--	--	--	
532	Mail order houses .....	32.7	33.1	33.5	33.5	--	--	--	--	--	
533	Variety stores .....	29.4	29.8	29.6	30.2	--	--	--	--	--	
54	Food stores .....	31.6	31.9	31.9	32.4	--	--	--	--	--	
541-3	Grocery, meat, and vegetable stores .....	31.9	32.1	32.2	32.6	--	--	--	--	--	
56	Apparel and accessory stores .....	29.4	29.8	29.4	30.5	--	--	--	--	--	
561	Men's and boys' clothing and furnishings ..	31.8	32.1	31.4	32.2	--	--	--	--	--	
562	Women's ready-to-wear stores .....	28.6	29.1	28.8	29.5	--	--	--	--	--	
565	Family clothing stores .....	29.6	30.2	29.5	31.2	--	--	--	--	--	
566	Shoe stores .....	27.7	28.1	28.1	29.7	--	--	--	--	--	
57	Furniture and home furnishings stores .....	36.3	36.6	35.7	36.0	--	--	--	--	--	
571	Furniture and home furnishings .....	36.8	36.8	35.8	36.2	--	--	--	--	--	
58	Eating and drinking places <sup>6</sup> .....	28.3	28.6	27.6	28.0	--	--	--	--	--	
52,55,59	Other retail trade .....	36.2	36.5	36.0	36.5	--	--	--	--	--	
52	Building materials and farm equipment.....	38.5	38.8	39.0	39.4	--	--	--	--	--	
551,2	Motor vehicle dealers .....	39.3	39.4	39.4	39.5	--	--	--	--	--	
553,9	Other automotive and accessory dealers .....	39.7	39.9	39.1	39.6	--	--	--	--	--	
591	Drug stores and proprietary stores .....	29.6	30.0	30.3	30.6	--	--	--	--	--	
594	Book and stationery stores .....	32.9	33.5	33.2	33.2	--	--	--	--	--	
598	Fuel and ice dealers .....	40.0	39.5	39.8	39.6	--	--	--	--	--	
--	<b>FINANCE, INSURANCE, AND REAL ESTATE<sup>7</sup></b>	36.2	36.3	36.4	36.5	36.7	--	--	--	--	
60	Banking .....	36.2	36.1	36.2	36.5	--	--	--	--	--	
61	Credit agencies other than banks .....	37.1	37.1	37.1	37.3	--	--	--	--	--	
612	Savings and loan associations .....	36.8	36.6	36.5	36.8	--	--	--	--	--	
62	Security, commodity brokers and services ..	38.1	38.0	38.6	(*)	--	--	--	--	--	
63	Insurance carriers .....	36.8	36.9	37.3	37.1	--	--	--	--	--	
631	Life insurance .....	36.9	37.0	37.1	36.8	--	--	--	--	--	
632	Accident and health insurance .....	36.0	35.9	38.0	37.8	--	--	--	--	--	
633	Fire, marine, and casualty insurance .....	36.9	37.2	37.3	37.2	--	--	--	--	--	

See footnotes at end of table.

**ESTABLISHMENT DATA  
HOURS AND EARNINGS**

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

SIC Code	Industry	Average weekly earnings					Average hourly earnings				
		Apr. 1975	May 1975	Mar. 1976	Apr. 1976 <sup>P</sup>	May 1976 <sup>P</sup>	Apr. 1975	May 1975	Mar. 1976	Apr. 1976 <sup>P</sup>	May 1976 <sup>P</sup>
-	<b>SERVICES .....</b>	\$133.67	\$134.74	\$142.52	\$143.19	\$144.52	\$3.99	\$4.01	\$4.28	\$4.30	\$4.34
	Hotels and other lodging places:										
	Hotels, tourist courts, and motels <sup>6</sup> .....	87.22	89.04	92.63	94.47	-	2.76	2.80	2.95	2.98	-
	Personal services:										
721	Laundries and dry cleaning plants .....	103.41	106.55	110.40	112.70	-	2.98	3.01	3.20	3.22	-
722	Photographic studios .....	101.39	104.28	111.88	113.57	-	3.11	3.16	3.37	3.36	-
	Motion pictures:										
781	Motion picture filming and distributing ...	242.90	240.54	260.12	257.04	-	6.46	6.33	6.36	6.41	-
806	Hospitals .....	127.91	126.85	139.47	139.40	-	3.74	3.72	4.09	4.10	-

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

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

<sup>3</sup>Data relate to employees in such occupations in the telephone industry as switchboard operators; service assistants; operating room instructors; and pay-station attendants. In 1975, such employees made up 30 percent of the total number of nonsupervisory employees in establishments reporting hours and earnings data.

<sup>4</sup>Data relate to employees in such occupations in the telephone industry as central office craft persons; installation and exchange repair craft persons; line, cable and conduit craft

persons; and laborers. In 1975, such employees made up 47 percent of the total number of nonsupervisory employees in establishments reporting hours and earnings data.

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

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

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

\*Not available.

<sup>P</sup>preliminary.

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

SIC Code	Industry	Average weekly hours					Average overtime hours				
		Apr. 1975	May 1975	Mar. 1976	Apr. 1976 <sup>P</sup>	May 1976 <sup>P</sup>	Apr. 1975	May 1975	Mar. 1976	Apr. 1976 <sup>P</sup>	May 1976 <sup>P</sup>
—	<b>SERVICES .....</b>	33.5	33.6	33.3	33.3	33.3	—	—	—	—	—
	Hotels and other lodging places:										
701	Hotels, tourist courts, and motels <sup>6</sup> .....	31.6	31.8	31.4	31.7	—	—	—	—	—	—
	Personal services:										
721	Laundries and dry cleaning plants .....	34.7	35.4	34.5	35.0	—	—	—	—	—	—
722	Photographic studios .....	32.6	33.0	33.2	33.8	—	—	—	—	—	—
	Motion pictures:										
781	Motion picture filming and distributing .....	37.6	38.0	40.9	40.1	—	—	—	—	—	—
806	Hospitals .....	34.2	34.1	34.1	34.0	—	—	—	—	—	—

† 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 1974 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	\$4.60	\$4.60	\$4.64	\$4.70	\$4.71	\$4.72	\$4.71	\$4.79	4.80	4.83	4.87	4.93
1973 .....	5.02	4.90	4.91	4.92	4.92	4.94	4.96	4.98	5.05	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 .....	4.68	4.56	4.53	4.58	4.60	4.59	4.64	4.68	4.71	4.74	4.78	4.84	—

**ESTABLISHMENT DATA  
HOURS AND EARNINGS**

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

[Employment in thousands—includes both supervisory and nonsupervisory employees]

Item	1974											1975	
	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.
<b>Executive Branch</b>													
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	39.6	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	(*)
<b>Department of Defense</b>													
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	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	(*)
<b>Postal service</b>													
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	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	(*)
<b>Other agencies</b>													
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	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 <sup>1</sup>				
	Apr. 1975	May 1975	Mar. 1976	Apr. 1976 <sup>p</sup>	May 1976 <sup>p</sup>
<b>MANUFACTURING</b>	\$ 4.60	\$ 4.61	\$ 4.88	\$ 4.92	\$ 4.93
<b>DURABLE GOODS</b>	4.90	4.93	5.24	5.26	5.29
Ordnance and accessories	4.95	4.99	5.39	5.49	-
Lumber and wood products	3.99	4.02	4.31	4.33	-
Furniture and fixtures	3.64	3.64	3.80	3.84	-
Stone, clay, and glass products	4.59	4.63	4.89	4.96	-
Primary metal industries	5.83	5.86	6.39	6.51	-
Fabricated metal products	4.80	4.85	5.13	5.13	-
Machinery, except electrical	5.08	5.12	5.45	5.47	-
Electrical equipment and supplies	4.43	4.45	4.67	4.67	-
Transportation equipment	5.72	5.73	6.15	6.12	-
Instruments and related products	4.40	4.43	4.65	4.66	-
Miscellaneous manufacturing industries	3.67	3.68	3.84	3.86	-
<b>NONDURABLE GOODS</b>	4.16	4.17	4.39	4.44	4.42
Food and kindred products	4.32	4.33	4.63	4.69	-
Tobacco manufactures	4.66	4.69	4.94	5.08	-
Textile mill products	3.23	3.22	3.41	3.42	-
Apparel and other textile products	3.12	3.11	3.31	3.32	-
Paper and allied products	4.63	4.66	4.98	5.03	-
Printing and publishing	( <sup>2</sup> )	( <sup>2</sup> )	( <sup>2</sup> )	( <sup>2</sup> )	( <sup>2</sup> )
Chemicals and allied products	5.08	5.15	5.48	5.54	-
Petroleum and coal products	6.10	6.10	6.79	6.89	-
Rubber and plastics products, nec	4.14	4.17	4.36	4.37	-
Leather and leather products	3.15	3.14	3.30	3.33	-

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

<sup>p</sup> = preliminary.

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

**ESTABLISHMENT DATA  
HOURS AND EARNINGS**
**C-5. Gross and spendable average weekly earnings of production or nonsupervisory workers<sup>1</sup>  
on private nonagricultural payrolls, 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		
	Apr. 1975	Mar. 1976	Apr. 1976 <sup>P</sup>	Apr. 1975	Mar. 1976	Apr. 1976 <sup>P</sup>	Apr. 1975	Mar. 1976	Apr. 1976 <sup>P</sup>
<b>TOTAL PRIVATE:</b>									
Current dollars	\$ 159.22	\$ 170.53	\$ 170.77	\$ 127.49	\$ 139.75	\$ 139.92	\$ 138.05	\$ 152.08	\$ 152.27
1967 dollars	100.39	101.81	101.53	80.38	83.43	83.19	87.04	90.79	90.53
<b>MINING:</b>									
Current dollars	233.78	265.44	265.23	181.92	208.80	208.65	196.01	224.17	224.01
1967 dollars	147.40	158.47	157.69	114.70	124.66	124.05	123.59	133.83	133.18
<b>CONTRACT CONSTRUCTION:</b>									
Current dollars	259.17	269.18	278.99	200.04	211.47	218.48	215.45	227.06	234.57
1967 dollars	163.41	160.70	165.87	126.13	126.25	129.89	135.84	135.56	139.46
<b>MANUFACTURING:</b>									
Current dollars	184.00	202.80	198.74	145.50	163.01	160.10	157.18	176.42	173.37
1967 dollars	116.02	121.07	118.16	91.74	97.32	95.18	99.10	105.33	103.07
<b>TRANSPORTATION AND PUBLIC UTILITIES:</b>									
Current dollars	226.55	248.46	249.40	176.64	196.66	197.34	190.37	211.06	211.78
1967 dollars	142.84	148.33	148.28	111.37	117.41	117.32	120.03	126.01	125.91
<b>WHOLESALE AND RETAIL TRADE:</b>									
Current dollars	123.25	130.20	131.71	101.32	109.69	110.82	110.12	122.58	124.00
1967 dollars	77.71	77.73	78.31	63.88	65.49	65.89	69.43	73.18	73.72
<b>FINANCE, INSURANCE, AND REAL ESTATE:</b>									
Current dollars	148.06	156.88	158.78	119.47	129.74	131.16	129.44	141.55	143.02
1967 dollars	93.35	93.66	94.40	75.33	77.46	77.98	81.61	84.51	85.03
<b>SERVICES:</b>									
Current dollars	133.67	142.52	143.19	108.94	118.94	119.45	118.26	131.47	131.92
1967 dollars	84.28	85.09	85.13	68.69	71.01	71.02	74.56	78.49	78.43
<b>CONSUMER PRICE INDEX (All items, 1967 = 100)</b>	158.6	167.5	168.2	NOTE: The Consumer Price Index is an estimate of the average change in prices of goods and services purchased by urban wage earners and clerical workers.					

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

p = preliminary (applicable to earnings data only).

**ESTABLISHMENT DATA  
HOURS AND EARNINGS**

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**C-6. Indexes of aggregate weekly hours and payrolls of production or nonsupervisory workers<sup>1</sup>  
on private nonagricultural payrolls, by industry division and major manufacturing group**

[1967 = 100]

Industry division and group	Apr. 1975	May 1975	Mar. 1976	Apr. 1976 <sup>p</sup>	May 1976 <sup>p</sup>
	Hours				
<b>TOTAL</b> .....	104.2	105.6	107.5	108.7	110.7
<b>GOODS-PRODUCING</b> .....	87.2	88.9	92.1	92.4	95.6
<b>MINING</b> .....	111.9	119.7	121.2	122.7	124.8
<b>CONTRACT CONSTRUCTION</b> .....	93.4	99.4	84.4	93.1	98.6
<b>MANUFACTURING</b> .....	85.2	86.0	92.5	91.2	94.1
<b>DURABLE GOODS</b> .....	85.6	85.5	90.8	89.9	93.8
Ordnance and accessories .....	46.9	46.3	41.2	39.3	39.4
Lumber and wood products .....	81.0	85.2	91.7	94.4	98.3
Furniture and fixtures .....	83.9	85.9	101.3	99.9	102.5
Stone, clay, and glass products .....	91.2	93.3	93.1	96.4	100.2
Primary metal industries .....	84.9	82.8	85.2	86.5	88.8
Fabricated metal products .....	88.8	88.8	95.4	93.6	97.9
Machinery, except electrical .....	96.4	92.8	93.8	91.6	94.1
Electrical equipment and supplies .....	82.0	81.3	89.0	87.5	91.8
Transportation equipment .....	78.8	81.3	89.1	86.6	93.4
Instruments and related products .....	97.1	96.5	105.5	104.8	109.2
Miscellaneous manufacturing .....	84.2	85.7	92.1	91.0	94.4
<b>NONDURABLE GOODS</b> .....	84.7	86.8	94.9	93.2	94.5
Food and kindred products .....	85.3	87.7	89.1	88.5	90.8
Tobacco manufactures .....	73.5	70.4	77.1	73.3	72.7
Textile mill products .....	80.5	85.3	98.3	94.8	99.2
Apparel and other textile products .....	78.3	79.9	92.7	88.7	91.7
Paper and allied products .....	83.2	84.6	94.4	93.6	96.6
Printing and publishing .....	92.0	91.6	92.5	91.5	92.6
Chemicals and allied products .....	91.7	92.4	98.9	99.4	97.9
Petroleum and coal products .....	99.3	104.8	109.3	112.0	113.5
Rubber and plastics products, nec .....	101.4	103.6	120.2	117.9	106.2
Leather and leather products .....	64.3	67.8	78.5	76.8	80.6
<b>SERVICE-PRODUCING</b> .....	116.1	117.2	118.1	120.0	121.2
<b>TRANSPORTATION AND PUBLIC UTILITIES</b> .....	100.3	100.0	100.4	100.5	101.5
<b>WHOLESALE AND RETAIL TRADE</b> .....	110.9	112.6	112.8	115.8	116.8
<b>WHOLESALE TRADE</b> .....	109.5	100.2	111.5	111.8	113.2
<b>RETAIL TRADE</b> .....	111.4	113.5	113.3	117.3	118.1
<b>FINANCE, INSURANCE, AND REAL ESTATE</b> .....	121.4	122.5	124.0	125.2	126.0
<b>SERVICES</b> .....	128.8	130.0	131.7	133.3	134.9

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

p = preliminary.



**C-6. Indexes of aggregate weekly hours and payrolls of production or nonsupervisory workers<sup>1</sup>  
on private nonagricultural payrolls, by industry division and major manufacturing group—Continued**

[1967 = 100]

Industry division and group	Apr. 1975	May 1975	Mar. 1976	Apr. 1976 <sup>p</sup>	May 1976 <sup>p</sup>
	Payrolls				
<b>TOTAL</b> .....	173.4	176.9	190.7	193.7	199.5
<b>GOODS-PRODUCING</b> .....	148.1	152.1	165.8	167.2	175.2
<b>MINING</b> .....	200.9	218.2	239.1	242.5	249.2
<b>CONTRACT CONSTRUCTION</b> .....	161.6	172.0	154.8	170.2	182.1
<b>MANUFACTURING</b> .....	142.5	144.4	165.7	163.5	170.6
<b>DURABLE GOODS</b> .....	143.6	144.1	164.2	162.0	171.8
Ordnance and accessories .....	75.1	74.9	71.9	69.1	69.6
Lumber and wood products .....	141.2	150.1	174.5	179.9	190.2
Furniture and fixtures .....	133.7	136.7	170.1	167.9	174.1
Stone, clay, and glass products .....	154.6	159.7	168.8	177.4	187.4
Primary metal industries .....	152.8	149.7	169.0	175.1	180.6
Fabricated metal products .....	147.1	148.4	170.6	165.6	177.3
Machinery, except electrical .....	159.0	154.0	166.4	161.5	168.3
Electrical equipment and supplies .....	133.3	132.8	154.0	150.3	160.4
Transportation equipment .....	134.5	139.3	167.1	159.0	175.4
Instruments and related products .....	153.0	152.9	177.1	175.4	185.2
Miscellaneous manufacturing .....	134.4	136.8	155.3	152.8	159.5
<b>NONDURABLE GOODS</b> .....	140.8	145.0	168.3	166.0	168.6
Food and kindred products .....	145.3	150.2	163.6	163.9	169.0
Tobacco manufactures .....	154.6	148.0	170.4	165.9	164.0
Textile mill products .....	129.8	138.2	170.6	162.2	172.6
Apparel and other textile products .....	121.9	124.0	153.9	147.2	151.8
Paper and allied products .....	139.3	143.1	172.6	171.6	178.8
Printing and publishing .....	147.4	148.7	157.8	156.5	159.6
Chemicals and allied products .....	154.3	157.8	181.5	184.1	183.1
Petroleum and coal products .....	174.9	185.3	216.2	223.2	227.5
Rubber and plastics products, nec .....	157.1	162.2	199.1	193.4	169.5
Leather and leather products .....	99.7	104.9	129.2	126.6	132.9
<b>SERVICE-PRODUCING</b> .....	195.2	198.1	212.2	216.5	220.4
<b>TRANSPORTATION AND PUBLIC UTILITIES</b> .....	178.2	178.6	195.4	196.6	200.2
<b>WHOLESALE AND RETAIL TRADE</b> .....	182.5	186.4	196.3	202.1	205.0
<b>WHOLESALE TRADE</b> .....	182.9	185.1	196.3	198.4	202.5
<b>RETAIL TRADE</b> .....	182.2	187.1	196.4	204.1	206.3
<b>FINANCE, INSURANCE, AND REAL ESTATE</b> .....	192.0	194.7	206.8	210.9	215.1
<b>SERVICES</b> .....	224.5	227.5	246.2	250.5	255.9

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

p = preliminary.

**ESTABLISHMENT DATA  
SEASONALLY ADJUSTED HOURS**

**C-7. Average weekly hours of production or nonsupervisory workers<sup>1</sup> on private nonagricultural payrolls, by industry division and major manufacturing group, seasonally adjusted**

Industry	1975								1976				
	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr. <sup>P</sup>	May <sup>P</sup>
<b>TOTAL PRIVATE</b> .....	35.9	36.0	36.0	36.2	36.1	36.2	36.3	36.4	36.5	36.4	36.2	36.0	36.3
<b>MINING</b> .....	42.6	42.2	42.1	41.8	42.1	42.7	42.9	42.8	43.0	43.1	42.8	42.4	42.6
<b>CONTRACT CONSTRUCTION</b> .....	36.9	35.7	36.2	36.7	36.7	36.6	36.8	37.3	37.7	37.9	35.9	37.5	37.4
<b>MANUFACTURING</b> .....	39.0	39.3	39.4	39.7	39.8	39.8	39.9	40.3	40.5	40.3	40.2	39.4	40.3
<i>Overtime hours</i> .....	2.4	2.4	2.6	2.8	2.8	2.8	2.8	3.0	3.0	3.1	3.2	2.5	3.3
<b>DURABLE GOODS</b> <sup>1/2</sup> .....	39.5	39.6	39.8	40.2	40.2	40.0	40.2	40.7	40.9	40.7	40.6	39.7	41.0
<i>Overtime hours</i> .....	2.2	2.3	2.5	2.7	2.7	2.6	2.7	2.9	2.9	3.0	3.1	2.5	3.3
Ordnance and accessories .....	41.1	41.6	40.1	41.2	41.7	41.6	41.7	41.3	41.4	40.7	40.8	39.7	40.4
Lumber and wood products .....	38.8	39.0	39.1	39.5	39.6	39.8	39.4	40.2	40.8	40.5	39.9	40.1	40.5
Furniture and fixtures .....	37.5	37.6	37.8	38.3	38.9	38.9	39.1	39.5	39.4	39.3	39.0	38.3	38.8
Stone, clay, and glass products .....	40.2	40.3	40.6	40.7	40.8	40.8	40.9	41.3	41.5	41.4	40.7	41.0	41.6
Primary metal industries .....	39.5	39.6	39.7	39.9	39.9	39.9	40.2	40.3	40.4	40.6	40.5	40.5	41.4
Fabricated metal products .....	39.5	39.5	39.5	40.0	40.2	40.4	40.5	41.1	41.0	41.0	40.9	39.6	40.9
Machinery, except electrical .....	40.5	40.4	40.5	40.8	40.7	40.6	40.9	41.2	41.3	41.2	41.0	40.2	41.3
Electrical equipment and supplies .....	39.1	39.3	39.5	39.6	39.6	39.6	39.6	40.1	40.4	40.2	40.1	39.1	40.5
Transportation equipment .....	39.5	40.0	40.7	41.2	40.9	40.4	40.8	41.9	41.7	41.6	42.1	40.5	42.0
Instruments and related products .....	39.3	39.4	39.7	39.5	39.7	39.7	39.9	40.3	40.4	40.2	40.5	39.7	41.0
Miscellaneous manufacturing, Ind. ....	38.1	38.3	38.1	38.2	38.7	38.8	38.6	39.2	39.1	38.7	38.8	38.1	38.8
<b>NONDURABLE GOODS</b> .....	38.3	38.7	38.8	39.3	39.4	39.5	39.5	39.7	39.9	39.7	39.5	38.7	39.5
<i>Overtime hours</i> .....	2.4	2.6	2.8	2.9	3.0	3.0	3.0	3.2	3.3	3.1	3.2	2.5	3.1
Food and kindred products .....	39.9	39.9	40.1	40.7	40.9	40.6	40.4	40.5	40.7	40.5	40.2	40.0	40.3
Tobacco manufactures .....	36.9	39.8	35.4	37.6	38.0	37.5	39.7	37.7	39.1	39.5	39.3	38.5	38.1
Textile mill products .....	38.9	39.2	39.6	40.4	40.9	41.0	41.0	41.2	41.4	40.9	40.7	38.9	40.8
Apparel and other textile products .....	34.4	35.2	35.2	35.5	36.0	36.2	36.1	36.6	36.6	36.3	36.2	34.9	36.0
Paper and allied products .....	40.9	41.5	41.6	42.1	42.2	42.3	42.4	42.9	42.7	42.7	42.5	41.8	42.9
Printing and publishing .....	36.7	36.7	36.7	37.1	36.9	37.0	37.3	37.6	37.8	37.5	37.4	37.1	37.4
Chemicals and allied products .....	40.6	40.7	40.9	41.1	41.3	41.4	41.4	41.7	41.6	41.7	41.5	41.4	41.2
Petroleum and coal products .....	41.5	41.2	41.3	41.0	41.6	41.8	42.0	41.8	42.5	42.4	42.4	42.1	42.4
Rubber and plastics products, nec .....	39.6	39.6	40.0	40.1	40.1	40.0	40.0	40.6	40.9	40.9	41.0	39.4	40.7
Leather and leather products .....	36.5	37.5	37.8	38.0	38.4	38.9	38.4	38.7	38.6	38.4	38.6	37.6	38.3
<b>TRANSPORTATION AND PUBLIC UTILITIES</b> .....	39.2	39.5	39.4	39.5	39.7	39.7	39.6	39.9	39.6	39.8	39.9	39.8	39.7
<b>WHOLESALE AND RETAIL TRADE</b> .....	33.9	33.8	33.6	33.8	33.6	33.9	33.8	33.9	33.9	33.9	33.7	33.9	33.9
<b>WHOLESALE TRADE</b> .....	38.6	38.4	38.5	38.6	38.5	38.8	38.7	38.8	38.9	38.8	38.7	38.8	38.8
<b>RETAIL TRADE</b> .....	32.5	32.4	32.2	32.3	32.2	32.3	32.5	32.4	32.5	32.3	32.2	32.5	32.4
<b>FINANCE, INSURANCE, AND REAL ESTATE</b> .....	36.4	36.5	36.3	36.3	36.3	36.4	36.7	36.4	36.5	36.7	36.5	36.5	36.8
<b>SERVICES</b> .....	33.9	33.9	33.7	33.8	33.6	33.7	33.9	33.6	33.7	33.7	33.5	33.5	33.6

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

p = preliminary.

**C-8. Average hourly and weekly earnings of production or nonsupervisory workers<sup>1</sup> on private nonagricultural payrolls, seasonally adjusted**

Industry	1975								1976				
	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr. <sup>P</sup>	May <sup>P</sup>
	Average hourly earnings												
<b>TOTAL PRIVATE</b> .....	\$4.49	\$4.51	\$4.54	\$4.57	\$4.60	\$4.63	\$4.68	\$4.68	\$4.73	\$4.75	\$4.77	\$4.78	\$4.84
<b>MINING</b> .....	5.82	5.89	5.92	5.97	6.01	6.08	6.10	6.11	6.19	6.26	6.30	6.27	6.38
<b>CONTRACT CONSTRUCTION</b> .....	7.16	7.27	7.33	7.30	7.32	7.32	7.41	7.46	7.46	7.46	7.59	7.58	7.64
<b>MANUFACTURING</b> .....	4.75	4.78	4.82	4.86	4.88	4.90	4.93	4.96	5.00	5.04	5.08	5.06	5.14
<b>TRANSPORTATION AND PUBLIC UTILITIES</b> .....	5.82	5.87	5.90	6.05	6.04	6.12	6.17	6.17	6.22	6.29	6.33	6.35	6.42
<b>WHOLESALE AND RETAIL TRADE</b> .....	3.71	3.73	3.74	3.78	3.79	3.82	3.84	3.84	3.87	3.88	3.90	3.91	3.93
<b>FINANCE, INSURANCE, AND REAL ESTATE</b> .....	4.11	4.18	4.14	4.18	4.16	4.18	4.26	4.22	4.24	4.30	4.30	4.34	4.41
<b>SERVICES</b> .....	4.01	4.04	4.06	4.08	4.10	4.15	4.22	4.22	4.25	4.27	4.27	4.30	4.34
	Average weekly earnings												
<b>TOTAL PRIVATE:</b>													
Current dollars .....	161.19	162.36	163.44	165.43	166.06	167.61	169.88	170.35	172.65	172.90	172.67	172.08	175.69
1967 dollars .....	101.06	101.10	100.76	101.62	101.57	101.89	102.65	102.37	103.32	103.35	103.03	102.25	-
Real spendable earnings (worker and 3 dependents, 1967 dollars) .....	91.54	91.48	91.10	91.71	91.63	91.81	92.30	92.02	91.99	92.00	91.72	91.08	-

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

p = preliminary.

**C-9. Indexes of aggregate weekly hours of production or nonsupervisory workers on private nonagricultural payrolls, by industry division and major manufacturing group, seasonally adjusted**

[1967 = 100]

Industry division and group	1975								1976				
	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr. <sup>P</sup>	May <sup>P</sup>
<b>TOTAL</b> .....	106.3	106.0	106.2	107.4	107.9	108.4	108.8	109.3	110.3	110.5	110.2	110.5	111.4
<b>GOODS-PRODUCING</b> .....	89.4	88.9	89.3	91.2	92.4	92.7	92.9	94.3	95.5	95.2	94.8	94.5	96.1
<b>MINING</b> .....	119.4	118.4	118.8	118.6	119.9	125.0	124.7	125.7	125.2	124.4	124.8	124.5	124.3
<b>CONTRACT CONSTRUCTION</b> .....	99.3	94.9	96.2	98.3	98.6	97.3	97.7	98.8	100.3	98.8	93.4	98.6	98.5
<b>MANUFACTURING</b> .....	86.6	86.8	87.1	89.0	90.3	90.8	90.9	92.5	93.7	93.6	94.0	92.7	94.7
<b>DURABLE GOODS</b> .....	85.4	85.2	84.9	86.7	87.7	87.8	88.1	90.0	91.3	91.3	92.0	90.9	93.7
Ordnance and accessories .....	47.5	46.9	44.7	43.7	43.0	42.9	40.8	41.5	41.6	40.9	41.0	40.4	40.6
Lumber and wood products .....	84.4	85.8	86.7	88.8	90.1	92.1	90.8	93.4	97.0	96.4	95.2	96.1	97.4
Furniture and fixtures .....	87.7	87.2	88.7	92.6	97.4	97.9	99.2	101.0	101.5	103.1	102.8	102.2	104.6
Stone, clay, and glass products .....	92.6	92.4	93.1	94.5	95.7	95.7	96.2	97.1	97.6	96.7	95.7	97.8	99.2
Primary metal industries .....	82.1	80.8	80.0	81.7	83.5	81.9	82.3	83.6	84.1	84.9	85.3	85.8	88.0
Fabricated metal products .....	89.0	88.5	86.7	90.0	92.0	92.8	92.7	94.6	95.7	96.6	97.3	95.0	98.1
Machinery, except electrical .....	93.1	91.3	90.4	91.0	91.8	91.9	92.0	92.5	93.4	93.2	93.3	91.6	94.4
Electrical equipment and supplies .....	81.9	81.8	81.6	84.3	84.9	85.8	85.5	87.5	89.0	89.2	90.3	89.0	92.6
Transportation equipment .....	80.2	81.4	82.0	82.9	82.2	81.5	83.1	87.3	89.0	88.2	90.8	88.2	92.0
Instruments and related products .....	97.1	97.0	98.1	97.2	99.4	100.8	101.7	103.4	105.0	105.2	106.3	105.9	110.1
Miscellaneous manufacturing, Ind. ....	86.5	87.0	87.7	89.0	91.4	91.3	90.8	91.7	94.4	94.3	95.1	93.1	95.4
<b>NONDURABLE GOODS</b> .....	88.2	89.1	90.2	92.4	94.1	95.1	95.0	96.2	97.1	96.9	96.9	95.3	96.1
Food and kindred products .....	92.9	93.1	93.4	96.1	96.9	96.5	95.1	95.4	96.9	97.3	95.5	95.9	96.2
Tobacco manufactures .....	80.3	86.7	80.8	85.8	88.1	85.6	93.4	87.4	90.6	88.8	85.6	82.5	82.9
Textile mill products .....	85.7	87.0	88.5	93.0	96.4	98.1	98.0	99.1	99.7	99.0	98.6	95.1	99.7
Apparel and other textile products .....	79.8	82.4	84.6	85.3	87.8	90.0	90.1	92.1	93.1	91.8	92.6	88.9	91.5
Paper and allied products .....	85.7	86.4	87.6	89.6	91.3	92.0	92.6	94.7	95.2	95.8	95.9	95.0	98.3
Printing and publishing .....	92.0	91.2	90.9	92.4	91.9	91.8	92.4	93.5	93.4	92.5	92.7	92.1	93.0
Chemicals and allied products .....	92.7	92.6	93.0	94.5	96.1	97.4	97.6	98.1	98.5	99.4	99.1	99.1	98.1
Petroleum and coal products .....	104.4	105.3	107.2	107.3	108.9	110.2	111.6	111.1	113.8	114.4	114.4	114.5	113.6
Rubber and plastics products, nec .....	105.1	105.1	106.9	110.6	113.0	114.7	113.5	116.2	118.8	119.3	121.8	119.0	107.8
Leather and leather products .....	66.8	69.6	71.4	72.1	74.9	77.2	77.2	78.1	79.3	78.9	79.9	78.5	79.6
<b>SERVICE-PRODUCING</b> .....	118.0	117.8	118.0	118.7	118.7	119.3	119.8	119.7	120.6	121.0	120.9	121.6	122.0
<b>TRANSPORTATION AND PUBLIC UTILITIES</b> .....	100.3	100.6	100.3	100.5	101.1	101.2	101.5	101.7	101.5	102.7	102.5	102.3	101.7
<b>WHOLESALE AND RETAIL TRADE</b> .....	113.9	113.7	114.0	114.6	114.6	115.1	115.2	115.5	116.8	116.8	116.8	118.2	118.0
<b>WHOLESALE TRADE</b> .....	111.4	110.3	110.8	111.0	111.3	112.0	111.5	112.3	113.4	113.6	113.2	114.0	114.4
<b>RETAIL TRADE</b> .....	114.8	115.0	115.2	115.9	115.8	116.2	116.6	116.6	118.1	118.0	118.1	119.8	119.4
<b>FINANCE, INSURANCE, AND REAL ESTATE</b> .....	122.9	123.2	122.3	122.9	123.5	123.7	125.1	124.5	125.1	125.8	125.5	125.6	126.3
<b>SERVICES</b> .....	130.3	129.9	130.4	131.4	131.1	132.0	133.1	132.3	133.3	133.9	133.7	134.1	135.3

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

p = preliminary.

**C-10. Hours of wage and salary workers<sup>1</sup> in nonagricultural establishments, by industry division**

Industry division	Annual rate Millions of hours <sup>2</sup>			Percent change <sup>3</sup>		
	March 1976	April 1976 <sup>p</sup>	May 1976 <sup>p</sup>	May 1975 to May 1976	March 1976 to April 1976	April 1976 to May 1976
<b>TOTAL - ALL INDUSTRIES</b> .....	149,871	148,998	151,160	3.7	- 6.8	18.9
<b>TOTAL - PRIVATE</b> .....	120,319	120,701	121,558	4.2	3.9	8.9
<b>MINING</b> .....	1,714	1,704	1,708	4.5	- 6.4	2.6
<b>CONTRACT CONSTRUCTION</b> .....	6,284	6,614	6,616	0.3	85.1	0.3
<b>MANUFACTURING</b> .....	39,207	38,790	39,481	6.8	-12.0	23.6
<b>TRANSPORTATION AND PUBLIC UTILITIES</b> .....	9,332	9,338	9,284	1.4	0.7	- 6.8
<b>WHOLESALE AND RETAIL TRADE</b> .....	30,543	30,874	30,832	3.4	13.8	- 1.6
<b>FINANCE, INSURANCE, AND REAL ESTATE</b> .....	8,116	8,142	8,200	3.0	4.0	8.8
<b>SERVICES</b> .....	25,123	25,238	25,438	3.9	5.6	9.9
<b>GOVERNMENT</b> .....	29,553	28,297	29,602	1.7	-40.6	71.8

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

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

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

**PRODUCTIVITY  
SEASONALLY ADJUSTED**

**C-11. Indexes of output and compensation per hour, unit costs, and prices,  
private economy, seasonally adjusted**

[1967 = 100]

Item	Annual average		Quarterly indexes										
			1973		1974				1975				1976
	1974	1975	III	IV	I	II	III	IV	I	II	III	IV	I
<b>Total private:</b>													
Output per hour of all persons	110.8	112.2	113.3	113.2	111.7	111.0	110.4	109.5	109.8	111.4	114.0	114.2	115.9r
Output	121.5	118.5	124.6	125.0	123.3	122.5	121.6	118.7	115.6	116.5	120.1	121.8	124.5r
Hours	109.7	105.6	110.0	110.4	110.4	110.4	110.1	108.5	105.3	104.6	105.3	106.6	107.5r
Compensation per hour	165.7	180.8	152.1	155.6	158.4	163.3	168.2	172.2	176.6	179.3	182.2	185.7	189.6r
<b>Real compensation per</b>													
hour	112.2	112.2	113.3	113.2	111.8	112.2	112.3	111.7	112.3	112.3	111.9	112.2	113.3r
Unit labor costs	149.6	161.1	134.2	137.4	141.8	147.1	152.3	157.3	160.9	161.0	159.8	162.6	163.6r
Unit nonlabor payments	133.4	149.7	127.9	130.0	130.4	131.0	134.1	138.5	141.4	145.4	154.6	156.8	158.5r
Implicit price deflator	143.4	156.7	131.8	134.6	137.5	141.0	145.4	150.1	153.5	155.1	157.8	160.4	161.7r
<b>Private nonfarm:</b>													
Output per hour of all persons	109.5	110.4	112.1	111.6	110.7	109.7	109.0	107.9	107.7	109.8	112.3	112.1	113.4r
Output	122.0	118.5	125.3	125.3	123.0	122.0	119.1	115.5	116.7	120.0	121.7	124.4r	
Hours	111.5	107.3	111.8	112.3	111.9	112.2	112.1	110.3	107.2	106.3	106.8	108.5	109.6r
Compensation per hour	163.8	178.6	150.5	153.8	157.0	161.4	165.8	170.2	173.9	176.8	180.5	183.4	186.9r
<b>Real compensation per</b>													
hour	110.9	110.8	112.0	111.9	110.9	111.0	110.8	110.4	110.6	110.8	110.9	110.8	111.7r
Unit labor costs	149.7	161.7	134.2	137.8	141.9	147.2	152.2	157.6	161.5	161.0	160.8	163.6	164.8r
Unit nonlabor payments	128.4	145.7	120.6	122.4	122.9	127.0	130.3	133.6	138.5	142.7	149.3	152.0	154.7r
Implicit price deflator	141.6	155.7	129.1	132.0	134.7	139.6	144.0	148.6	152.8	154.1	156.4	159.2	161.0r
<b>Manufacturing:</b>													
Output per hour of all persons	113.3	112.5	118.3	115.6	113.9	113.9	112.3	110.7	110.2	111.0r	113.7	115.2	116.1r
Output	115.4	104.1	122.3	120.8	118.2	116.8	115.3	109.6	101.9	100.8	105.0	108.7	111.8r
Hours	101.8	92.5	103.4	104.4	103.7	102.6	102.6	99.0	92.5	90.8	92.3	94.3	96.3r
Compensation per hour	161.1	177.8	147.5	150.7	153.0	158.7	163.3	169.1	173.2	176.6	179.4	182.2r	185.9r
<b>Real compensation per</b>													
hour	109.1	110.3	109.8	109.6	108.1	109.1	109.0	109.7	110.2	110.6	110.2	110.1r	111.1r
Unit labor costs	142.2	158.1	124.7	130.4	134.3	139.4	145.4	152.8	157.2	159.0	157.7	158.1r	160.1r
<b>Nonfinancial corporations:</b>													
Output per all-employee hour	112.5	116.5r	115.9r	115.0r	114.1r	113.4r	111.8r	110.9r	111.9r	116.4r	119.2r	118.6r	119.3p
Output	127.8	124.7r	132.0r	132.1r	130.7r	129.4	127.5r	123.9r	119.8r	123.1r	127.3r	128.4r	131.0p
Hours	113.6	107.0	113.9	114.9	114.6	114.2	114.1	111.7	107.1	105.7	106.8	108.3	109.8p
Compensation per hour	165.6	182.2	152.7	155.6	159.0	163.5	167.9	172.4	177.3	180.5	183.7	187.0	190.3p
<b>Real compensation per</b>													
hour	112.2	113.0	113.7	113.2	112.3	112.4	112.1	111.9	112.8	113.1	112.8	113.0	113.8p
Total unit costs	151.2	163.3r	134.3r	138.0r	142.4r	147.8r	154.3r	160.5r	164.7r	162.1r	161.6r	164.9r	165.9p
Unit labor costs	147.3	156.3r	131.7r	135.3r	139.4r	144.2r	150.1r	155.5r	158.5r	155.0r	154.1r	157.6r	159.5p
Unit nonlabor costs	163.5	185.5	142.1r	146.5r	151.9r	159.0r	167.2r	176.1r	183.9r	184.1r	184.9r	187.6r	185.8p
Unit profits	73.5	94.1r	84.4	84.2r	77.5r	78.8r	71.4r	65.8r	68.6r	91.5r	108.3r	106.2r	112.3p
Implicit price deflator	139.7	153.0r	126.9r	130.0r	132.8r	137.6r	142.0r	146.4r	150.4r	151.6r	153.7r	156.2r	157.9p

p= preliminary.

r= revised.

**C-12. Percent changes from preceding quarter and year in productivity, hourly compensation, unit costs, and prices, private economy, seasonally adjusted at annual rate**

Item	Quarterly percent change						Annual percent change					
	III 1974	IV 1974	I 1975	II 1975	III 1975	IV 1975	IV 1973	I 1974	II 1974	III 1974	IV 1974	I 1975
	to IV 1974	to I 1975	to II 1975	to III 1975	to IV 1975	to I 1976	to IV 1974	to I 1975	to II 1975	to III 1975	to IV 1975	to I 1976
<b>Total private:</b>												
Output per hour of all persons	- 3.5	1.1	5.9	9.9	0.6	6.1r	- 3.3	- 1.7	0.3	3.2	4.3	5.6r
Output	- 9.1	-10.2	3.2	13.1	5.6	9.4r	- 5.1	- 6.3	- 4.9	- 1.2	2.5	7.8r
Hours	- 5.8	-11.2	- 2.6	2.9	4.9	3.2r	- 1.8	- 4.6	- 5.2	- 4.3	- 1.7	2.1r
Compensation per hour	10.0	10.5	6.4	6.7	7.8	8.7r	10.7	11.5	9.8	8.4	7.8	7.4r
Real compensation per hour	- 2.1	2.1	0.2	- 1.5	1.1	3.9r	- 1.3	0.4	0.1	- 0.3	0.4	0.9r
Unit labor costs	13.9	9.3	0.4	- 2.9	7.1	2.5r	14.5	13.4	9.5	5.0	3.4	1.7r
Unit nonlabor payments	13.7	8.8	11.7	27.8	5.9	4.4r	6.5	8.5	11.0	15.3	13.2	12.1r
Implicit price deflator	13.8	9.1	4.2	7.4	6.6	3.2r	11.6	11.6	10.0	8.6	6.8	5.3r
<b>Private nonfarm:</b>												
Output per hour of all persons	- 3.6	- 0.8	8.0	9.4	- 0.6	4.8r	- 3.3	- 2.7	0.1	3.1	3.9	5.3r
Output	- 9.7	-11.7	4.4	11.7	5.7	9.3r	- 5.0	- 6.8	- 5.1	- 1.8	2.1	7.7r
Hours	- 6.2	-10.9	- 3.3	2.1	6.4	4.3r	- 1.7	- 4.2	- 5.3	- 4.7	- 1.7	2.3r
Compensation per hour	10.8	9.1	6.8	8.7	6.5	7.9r	10.6	10.8	9.5	8.9	7.8	7.5r
Real compensation per hour	- 1.3	0.8	0.6	0.3	- 0.1	3.2r	- 1.4	- 0.2	- 0.2	0.1	0.4	1.0r
Unit labor costs	15.0	10.0	- 1.1	- 0.7	7.2	3.0r	14.4	13.8	9.4	5.6	3.8	2.1r
Unit nonlabor payments	10.3	15.4	12.8	19.8	7.5	7.3r	9.2	12.6	12.4	14.5	13.8	11.7r
Implicit price deflator	13.4	11.9	3.5	6.2	7.3	4.5r	12.5	13.4	10.4	8.7	7.2	5.4r
<b>Manufacturing:</b>												
Output per hour of all persons	- 5.7	- 1.7	3.2	10.0	5.4	3.0r	- 4.3	- 3.3	- 2.5	1.3	4.1	5.3r
Output	-18.3	-25.2	- 4.1	17.6	14.9	11.9r	-9.3	-13.8	-13.7	- 8.9	- 0.8	9.7r
Hours	-13.4	-24.0	- 7.1	6.9	9.0	8.7r	- 5.2	-10.9	-11.5	-10.1	- 4.7	4.1r
Compensation per hour	15.0	10.2	8.0	6.5	6.5r	8.2r	12.2	13.2	11.3	9.9	7.8r	7.3r
Real compensation per hour	2.4	1.8	1.8	- 1.7	- 0.1r	3.5r	0.0	2.0	1.4	1.0	0.4r	0.8r
Unit labor costs	22.0	12.1	4.7	- 3.2	1.1r	5.1r	17.2	17.0	14.1	8.5	3.5r	1.9r
<b>Nonfinancial corporations:</b>												
Output per all-employee hour	- 3.1r	3.4r	17.4r	9.9r	- 2.1r	2.4r	- 3.6r	- 1.9r	2.7r	6.6r	6.9	6.7p
Output	-10.9r	-12.6r	11.4r	14.5r	3.4r	8.3p	- 6.2r	- 8.3r	- 4.9r	- 0.2r	3.6	9.3p
Hours	- 8.1	-15.5	- 5.1	4.2	5.6	5.8p	- 2.8	- 6.5	- 7.4	- 6.4	- 3.1	2.5p
Compensation per hour	11.4	11.8	7.3	7.3	7.3	7.4p	10.8	11.5	10.4	9.4	8.4	7.3p
Real compensation per hour	- 0.8	3.2	1.1	- 0.9	0.7	2.7p	- 1.2	0.5	0.6	0.6	1.0	0.9p
Total unit costs	17.0r	10.9r	- 6.2r	- 1.2r	8.6r	2.4p	16.3r	15.6r	9.7r	4.7r	2.8r	0.7p
Unit labor costs	14.9r	8.1r	- 8.6r	- 2.4r	9.6r	4.8p	14.9r	13.7r	7.5r	2.6r	1.4	0.6p
Unit nonlabor costs	23.0r	18.9r	0.4r	1.8r	6.0r	- 3.9p	20.2r	21.1r	15.8r	10.6r	6.5	1.0p
Unit profits	-27.8r	18.2r	215.8r	96.4r	- 7.5r	25.0r	-21.8r	-11.4r	16.0r	51.7r	61.4	63.7p
Implicit price deflator	13.1r	11.4r	3.1r	5.6r	6.8r	4.5p	12.6r	13.3r	10.2r	8.2r	6.7	5.0p

p= preliminary.

r= revised.

**ESTABLISHMENTS DATA  
STATE AND AREA HOURS AND EARNINGS**

**C-13. 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		
	APR. 1975	MAR. 1976	APR. 1976P	APR. 1975	MAR. 1976	APR. 1976P	APR. 1975	MAR. 1976	APR. 1976P
<b>ALABAMA</b>	\$154.63	\$177.80	\$178.93	37.9	40.5	40.3	\$4.08	\$4.39	\$4.44
Birmingham	196.80	214.66	225.22	40.0	39.9	40.8	4.92	5.38	5.52
Mobile	192.63	212.59	207.72	39.8	41.2	40.1	4.84	5.16	5.18
<b>ALASKA</b>	288.23	313.17	(*)	37.0	39.0	(*)	7.79	8.03	(*)
<b>ARIZONA</b>	183.26	199.25	194.69	38.5	39.3	38.4	4.76	5.07	5.07
Phoenix	187.11	195.89	192.48	38.9	39.1	38.4	4.81	5.01	5.01
Tucson	186.98	206.27	206.60	39.2	38.7	38.8	4.77	5.33	5.33
<b>ARKANSAS</b>	134.11	150.86	148.20	38.1	39.7	39.0	3.52	3.80	3.80
Fayetteville-Springdale	123.59	139.16	138.25	38.5	39.2	39.5	3.21	3.55	3.50
Fort Smith	133.50	151.32	148.22	37.5	39.0	38.6	3.56	3.88	3.82
Little Rock-North Little Rock	152.76	171.00	173.21	38.0	39.4	39.1	4.02	4.34	4.43
Pine Bluff	161.16	190.54	193.49	39.5	40.8	41.7	4.08	4.67	4.54
<b>CALIFORNIA</b>	199.41	216.37	211.69	39.1	39.7	38.7	5.10	5.45	5.47
Anaheim-Santa Ana-Garden Grove	186.99	204.72	199.64	39.7	40.3	39.3	4.71	5.08	5.08
Bakersfield	201.61	212.08	208.10	39.3	38.7	37.7	5.13	5.48	5.52
Fresno	172.75	196.70	188.74	37.8	39.9	37.3	4.57	4.98	5.06
Los Angeles-Long Beach	193.39	204.80	199.43	39.5	40.0	38.8	4.82	5.12	5.14
Modesto	176.36	202.92	197.25	35.7	38.0	36.8	4.94	5.34	5.36
Oxnard-Simi Valley-Ventura	176.67	185.76	186.34	39.0	38.3	38.5	4.53	4.85	4.84
Riverside-San Bernardino-Ontario	202.15	219.52	227.48	39.1	39.2	39.7	5.17	5.60	5.73
Sacramento	212.91	227.92	219.70	38.5	38.5	37.3	5.53	5.92	5.89
Salinas-Seaside-Monterey	178.56	196.79	198.12	37.2	37.7	38.1	4.80	5.22	5.20
San Diego	189.00	207.26	203.86	37.6	38.1	37.2	5.00	5.44	5.48
San Francisco-Oakland	232.10	259.23	258.52	38.3	39.1	38.7	6.06	6.63	6.68
San Jose	213.40	239.55	240.91	39.3	39.4	39.3	5.43	6.08	6.13
Santa Barbara-Santa Maria-Lompoc	172.42	186.76	186.33	38.4	39.4	39.0	4.49	4.74	4.77
Santa Rosa	177.25	194.67	198.32	36.1	36.8	37.0	4.91	5.29	5.36
Stockton	207.26	235.98	220.36	38.1	39.2	36.8	5.44	6.02	5.98
Vallejo-Fairfield-Napa	219.69	228.91	223.30	39.3	39.4	38.5	5.59	5.81	5.80
<b>COLORADO</b>	193.95	208.82	206.98	39.5	39.7	39.2	4.91	5.26	5.28
Denver-Boulder	191.07	210.94	208.12	38.6	39.8	38.9	4.95	5.30	5.35
<b>CONNECTICUT</b>	183.30	204.91	198.80	40.0	40.9	40.0	4.72	5.01	4.97
Bridgeport	192.36	217.04	210.31	39.5	41.9	40.6	4.87	5.18	5.18
Hartford	205.99	229.48	221.00	41.5	41.8	40.7	5.06	5.49	5.43
New Britain	185.66	210.82	198.58	40.1	41.5	39.4	4.63	5.08	5.04
New Haven-West Haven	181.57	204.32	198.06	39.3	40.3	39.2	4.62	5.07	5.05
Stamford	198.40	212.07	208.90	40.0	41.5	40.8	4.96	5.11	5.12
Waterbury	162.39	177.96	170.64	39.9	41.1	39.5	4.07	4.33	4.32
<b>DELAWARE</b>	190.46	224.07	222.16	38.4	40.3	39.6	4.96	5.56	5.61
Wilmington	210.05	248.07	247.04	38.4	40.6	40.3	5.47	6.11	6.13
<b>DISTRICT OF COLUMBIA:</b>									
Washington SMSA	216.58	208.67	209.60	38.4	38.5	38.6	5.64	5.42	5.43
<b>FLORIDA</b>	154.42	169.24	170.74	38.8	40.2	39.8	3.98	4.21	4.29
Fort Lauderdale-Hollywood	149.02	159.94	160.32	37.5	37.9	37.9	3.99	4.22	4.23
Jacksonville	187.80	205.94	203.92	40.3	40.7	40.3	4.66	5.06	5.06
Miami	140.50	147.00	140.99	38.6	39.2	37.2	3.64	3.75	3.79
Orlando	155.61	176.00	181.75	39.0	41.3	41.4	3.99	4.31	4.39
Pensacola	184.16	209.82	234.50	39.1	41.0	45.8	4.71	5.12	5.12
Tampa-St. Petersburg	167.78	180.10	178.36	39.2	40.2	39.2	4.28	4.48	4.55
West Palm Beach-Boca Raton	183.37	219.78	194.73	41.3	44.4	40.4	4.44	4.95	4.82
<b>GEORGIA</b>	144.77	168.50	160.36	38.4	40.8	39.4	3.77	4.13	4.07
Atlanta	170.55	210.42	191.17	37.9	40.7	37.9	4.50	5.17	5.04
Savannah	181.43	209.88	206.49	41.9	42.4	41.9	4.33	4.95	4.94
<b>HAWAII</b>	185.40	201.39	195.70	39.7	39.8	38.6	4.67	5.05	5.06
Honolulu	176.56	193.55	187.29	38.3	39.5	38.3	4.61	4.90	4.89
<b>IDAHO<sup>1</sup></b>	169.05	190.76	167.29	39.0	38.0	38.3	4.35	5.02	4.89

See footnotes at end of table.

ESTABLISHMENT DATA  
STATE AND AREA HOURS AND EARNINGS

C-13. 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		
	APR. 1975	MAR. 1976	APR. 1976P	APR. 1975	MAR. 1976	APR. 1976P	APR. 1975	MAR. 1976	APR. 1976P
ILLINOIS .....	\$209.45	\$231.42	(*)	39.3	40.5	(*)	\$5.33	\$5.71	(*)
INDIANA .....	210.36	239.09	\$232.26	39.1	40.6	39.5	5.38	5.86	\$5.88
Indianapolis .....	214.09	237.46	(*)	39.5	40.8	(*)	5.42	5.82	(*)
IOWA .....	211.07	228.80	227.48	39.6	40.0	39.7	5.33	5.72	5.73
Cedar Rapids .....	216.93	233.29	227.83	40.7	41.0	39.9	5.33	5.69	5.71
Des Moines .....	219.01	234.57	228.75	38.9	38.9	37.5	5.63	6.03	6.13
Dubuque .....	241.64	275.71	278.99	38.6	35.9	40.2	6.26	6.91	6.94
Sioux City .....	187.68	208.79	212.70	39.1	39.1	39.1	4.80	5.34	5.44
Waterloo—Cedar Falls .....	263.66	286.31	280.67	40.5	40.1	39.2	6.51	7.14	7.16
KANSAS .....	182.63	200.06	197.58	40.4	40.7	40.2	4.52	4.92	4.92
Topeka .....	185.63	212.63	208.58	40.1	42.1	41.3	4.73	5.35	5.05
Wichita .....	208.33	215.39	216.28	42.0	40.4	40.7	4.96	5.33	5.32
KENTUCKY .....	174.50	196.80	194.27	38.1	40.0	38.7	4.58	4.92	5.32
Louisville .....	205.82	224.93	(*)	38.4	39.6	(*)	5.36	5.68	(*)
LOUISIANA .....	188.60	214.43	217.71	40.3	41.0	41.0	4.68	5.23	5.31
Baton Rouge .....	243.95	270.08	270.42	41.7	42.2	42.9	5.85	6.40	6.49
New Orleans .....	187.52	209.20	206.28	40.5	40.7	39.9	4.63	5.14	5.17
Shreveport .....	170.71	184.52	184.63	39.7	40.2	40.4	4.30	4.59	4.57
MAINE .....	144.28	160.80	160.40	39.1	40.3	40.1	3.69	3.99	4.00
Lewiston—Auburn .....	123.06	127.26	137.34	38.1	39.7	39.4	3.23	3.46	3.48
Portland .....	152.10	167.90	167.58	39.2	39.6	39.9	3.88	4.24	4.20
MARYLAND .....	191.67	209.61	213.70	38.8	39.4	39.5	4.94	5.32	5.41
Baltimore .....	199.95	221.30	224.87	38.9	39.8	39.8	5.14	5.56	5.65
MASSACHUSETTS .....	169.84	186.80	(*)	38.6	40.0	(*)	4.40	4.67	(*)
Boston <sup>2</sup> .....	189.37	203.94	200.66	39.0	39.6	39.0	4.83	5.15	5.14
Brockton <sup>2</sup> .....	142.88	151.69	149.74	37.7	38.5	38.2	3.79	3.94	3.92
Fall River <sup>2</sup> .....	124.25	138.74	135.70	35.4	36.8	35.9	3.51	3.77	3.78
Lawrence—Haverhill <sup>2</sup> .....	163.83	178.36	177.00	38.1	39.2	38.5	4.30	4.55	4.55
Lowell <sup>2</sup> .....	158.12	163.41	161.41	38.1	39.0	38.8	4.15	4.19	4.16
New Bedford <sup>2</sup> .....	142.37	159.44	156.18	36.6	36.7	38.0	3.89	4.12	4.11
Springfield—Chicopee—Holyoke <sup>2</sup> .....	170.13	191.82	187.46	39.2	40.9	39.8	4.34	4.69	4.71
Worcester <sup>2</sup> .....	176.33	185.57	184.69	38.5	39.4	38.8	4.58	4.71	4.76
MICHIGAN .....	237.17	284.99	271.76	39.8	42.6	41.2	5.96	6.69	6.60
Ann Arbor .....	248.62	303.85	282.17	39.9	42.7	40.7	6.23	7.12	6.93
Battle Creek .....	256.14	270.11	265.74	41.5	41.1	40.1	6.17	6.57	6.63
Bay City .....	262.14	298.17	296.12	45.4	46.0	46.7	5.77	6.48	6.34
Detroit .....	249.75	299.44	289.13	39.7	42.6	41.5	6.29	7.03	6.97
Flint .....	268.31	346.05	322.35	40.1	46.4	44.2	6.69	7.46	7.29
Grand Rapids .....	201.02	223.98	215.71	39.3	40.4	39.5	5.12	5.54	5.46
Jackson .....	229.50	243.74	227.25	41.5	41.2	39.0	5.53	5.92	5.83
Kalamazoo—Portage .....	214.26	250.33	232.59	39.7	41.2	39.8	5.40	6.08	5.84
Lansing—East Lansing .....	240.85	306.40	280.10	39.6	43.4	41.3	6.38	7.36	6.78
Muskegon—Norton Shores—Musk. Hgts .....	216.07	238.18	237.43	40.6	41.3	41.1	5.32	5.77	5.78
Saginaw .....	276.89	354.72	323.53	40.6	45.6	42.8	6.82	7.78	7.56
MINNESOTA .....	194.11	214.38	209.08	38.9	39.7	39.3	4.99	5.40	5.32
Duluth—Superior .....	186.66	202.31	200.10	39.8	40.3	40.1	4.69	5.02	4.99
Minneapolis—St. Paul .....	206.19	230.17	216.94	39.2	40.1	39.3	5.26	5.74	5.52
MISSISSIPPI .....	134.43	151.22	147.38	38.3	39.9	39.3	3.51	3.79	3.75
Jackson .....	146.97	159.47	156.31	40.6	41.1	40.6	3.62	3.88	3.85
MISSOURI .....	176.40	199.19	194.66	38.1	39.6	38.7	4.63	5.03	5.03
Kansas City .....	201.11	224.31	221.09	38.9	39.7	39.2	5.17	5.65	5.64
St. Joseph .....	174.54	190.88	199.36	38.7	40.1	39.4	4.51	4.76	5.06
St. Louis .....	208.68	231.23	226.45	39.3	40.2	39.3	5.31	5.75	5.76
Springfield .....	155.07	170.96	165.74	38.1	39.3	38.1	4.07	4.35	4.35
MONTANA .....	179.71	219.62	223.68	35.1	38.7	38.9	5.12	5.68	5.75

See footnotes at end of table.

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

**C-13. 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		
	APR. 1975	MAR. 1976	APR. 1976P	APR. 1975	MAR. 1976	APR. 1976P	APR. 1975	MAR. 1976	APR. 1976P
<b>NEBRASKA</b> .....	\$189.28	\$203.24	\$199.62	40.5	41.2	40.9	\$4.45	\$4.93	\$4.89
Lincoln .....	158.62	184.81	189.62	37.9	39.4	40.1	4.19	4.69	4.73
Omaha .....	196.04	228.37	223.18	40.4	42.2	41.5	4.85	5.40	5.38
<b>NEVADA</b> .....	205.74	210.69	213.10	38.6	38.1	38.2	5.33	5.53	5.50
Las Vegas .....	242.48	253.53	(*)	39.3	39.6	(*)	6.17	6.37	(*)
<b>NEW HAMPSHIRE</b> .....	159.15	165.20	163.90	38.6	40.0	39.7	3.89	4.13	4.13
Manchester .....	136.47	151.67	150.54	37.7	39.6	39.1	3.62	3.83	3.85
<b>NEW JERSEY</b> .....	193.60	214.76	209.79	40.0	41.3	40.5	4.84	5.20	5.18
Atlantic City .....	146.02	156.28	153.01	35.1	35.6	35.5	4.16	4.39	4.31
Camden <sup>3</sup> .....	180.25	191.30	193.16	39.1	39.2	39.5	4.61	4.88	4.89
Hackensack <sup>4</sup> .....	184.55	200.80	194.22	39.1	40.0	39.0	4.72	5.02	4.98
Jersey City <sup>4</sup> .....	185.42	200.29	202.07	39.2	40.3	39.7	4.73	4.97	5.09
New Bruns.—Perth Amboy—Sayreville <sup>4</sup> .....	209.08	226.14	222.31	39.9	40.6	40.2	5.24	5.57	5.53
Newark <sup>4</sup> .....	201.39	226.74	217.76	41.1	42.7	41.4	4.90	5.31	5.26
Paterson—Clifton—Passaic <sup>5</sup> .....	187.92	203.34	194.07	40.5	42.1	40.6	4.64	4.83	4.78
Trenton .....	206.55	241.47	231.61	41.9	44.8	43.7	4.94	5.39	5.30
<b>NEW MEXICO</b> .....	136.26	152.00	149.38	38.6	39.4	38.6	3.53	3.86	3.87
Albuquerque .....	141.72	155.09	149.75	38.2	40.6	39.1	3.71	3.82	3.83
<b>NEW YORK</b> .....	186.44	206.44	201.24	38.6	39.7	38.7	4.83	5.20	5.20
Albany—Schenectady—Troy .....	191.88	217.71	213.40	39.4	41.0	40.2	4.87	5.31	5.31
Binghamton .....	176.54	202.94	196.66	38.8	41.5	40.8	4.55	4.89	4.82
Buffalo .....	226.34	262.81	260.07	39.5	41.0	40.7	5.73	6.41	6.39
Elmira .....	181.83	196.40	196.61	39.7	40.0	39.4	4.58	4.91	4.99
Monroe County <sup>5</sup> .....	231.38	267.96	259.94	40.1	42.0	41.0	5.77	6.38	6.34
Nassau—Suffolk <sup>6</sup> .....	184.63	195.52	191.28	39.2	39.5	38.8	4.71	4.96	4.93
New York—Northeastern New Jersey .....	183.44	(*)	(*)	38.7	(*)	(*)	4.74	(*)	(*)
New York and Nassau—Suffolk <sup>4</sup> .....	174.46	186.42	181.05	37.6	38.2	37.1	4.64	4.88	4.88
New York SMSA <sup>6</sup> .....	172.70	184.57	179.22	37.3	37.9	36.8	4.63	4.87	4.87
New York City <sup>7</sup> .....	171.31	133.11	177.27	37.0	37.6	36.4	4.63	4.87	4.87
Poughkeepsie .....	190.42	208.98	206.19	39.1	40.5	39.2	5.16	5.26	5.26
Rochester .....	223.36	255.20	247.46	40.1	41.7	40.7	5.57	6.12	6.08
Rockland County <sup>7</sup> .....	186.30	204.85	206.05	41.4	42.5	42.4	4.50	4.82	4.86
Syracuse .....	201.80	225.30	214.26	40.2	41.8	39.9	5.02	5.39	5.37
Utica—Rome .....	163.09	184.74	180.96	39.0	39.5	39.0	4.31	4.63	4.64
Westchester County <sup>7</sup> .....	180.81	194.53	190.68	38.8	39.7	38.6	4.66	4.90	4.94
<b>NORTH CAROLINA</b> .....	129.40	146.09	142.42	37.4	39.7	38.7	3.46	3.70	3.68
Asheville .....	122.91	143.75	136.26	36.8	39.6	38.2	3.34	3.63	3.62
Charlotte—Gastonia .....	127.91	150.10	144.54	37.4	40.9	39.6	3.42	3.67	3.65
Greensboro—Winston-Salem—High Point .....	145.16	156.80	154.79	38.0	39.6	38.6	3.82	4.01	4.01
Raleigh—Durham .....	143.54	161.85	158.18	36.9	39.0	38.3	3.89	4.15	4.13
<b>NORTH DAKOTA</b> <sup>8</sup> .....	163.59	175.31	188.16	39.9	37.7	39.2	4.10	4.65	4.80
Fargo—Moorhead <sup>8</sup> .....	173.49	182.60	196.71	39.0	38.2	39.9	4.45	4.78	4.93
<b>OHIO</b> .....	215.17	244.96	238.98	39.7	41.1	40.3	5.42	5.96	5.93
Akron .....	222.72	253.31	242.95	39.7	41.8	40.9	5.61	6.06	5.94
Canton .....	217.06	241.16	246.21	38.9	39.6	40.1	5.58	6.09	6.14
Cincinnati .....	203.01	227.14	224.32	40.2	41.0	40.2	5.05	5.54	5.58
Cleveland .....	220.25	252.10	243.19	39.9	41.6	40.6	5.52	6.06	5.99
Columbus .....	200.55	227.61	217.01	39.4	40.5	39.6	5.09	5.62	5.48
Dayton .....	219.54	266.41	258.32	39.7	42.9	41.8	5.53	6.21	6.18
Toledo .....	232.37	255.85	245.62	40.5	41.4	40.2	5.73	6.18	6.11
Youngstown—Warren .....	237.12	262.96	272.44	38.0	38.5	39.2	6.24	6.83	6.95
<b>OKLAHOMA</b> .....	171.11	189.07	187.93	39.7	40.4	39.9	4.31	4.68	4.71
Oklahoma City .....	169.74	190.76	188.47	39.2	40.5	40.1	4.33	4.71	4.70
Tulsa .....	186.80	205.79	210.12	40.0	40.5	40.1	4.67	5.18	5.24
<b>OREGON</b> .....	204.98	224.84	224.64	38.1	38.5	38.4	5.38	5.84	5.85
Eugene—Springfield .....	208.05	236.19	239.58	38.6	39.3	39.6	5.39	6.01	6.05
Jackson County .....	200.03	221.52	215.26	38.1	39.0	38.4	5.25	5.68	5.71
Portland .....	204.50	224.65	225.42	37.8	38.8	38.6	5.41	5.79	5.84

See footnotes at end of table.



ESTABLISHMENT DATA  
STATE AND AREA HOURS AND EARNINGS

C-13. 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		
	APR. 1975	MAR. 1976	APR. 1976P	APR. 1975	MAR. 1976	APR. 1976P	APR. 1975	MAR. 1976	APR. 1976P
<b>PENNSYLVANIA</b> .....	\$186.42	\$202.40	\$201.31	38.2	38.7	38.2	\$4.88	\$5.23	\$5.27
Allentown—Bethlehem—Easton .....	186.47	196.60	195.00	37.9	38.7	37.8	4.92	5.08	5.16
Alltoona .....	157.21	168.14	164.35	37.7	38.3	37.1	4.17	4.39	4.43
Delaware Valley <sup>9</sup> .....	192.27	217.25	214.66	38.3	39.5	39.1	5.02	5.50	5.49
Erie .....	200.00	204.57	200.07	40.9	39.8	39.0	4.89	5.14	5.13
Harrisburg .....	169.56	181.27	184.89	38.8	38.9	38.6	4.37	4.66	4.79
Johnstown .....	212.25	230.56	257.68	37.5	37.8	40.2	5.66	6.11	6.41
Lancaster .....	168.95	186.47	182.21	39.2	40.1	39.1	4.31	4.65	4.66
Northeast Pennsylvania .....	136.54	145.80	141.64	35.1	36.0	34.8	3.89	4.05	4.07
Philadelphia SMSA .....	150.85	173.70	211.53	38.4	39.5	39.1	4.97	5.41	5.41
Pittsburgh .....	228.85	246.76	247.20	39.8	39.8	40.0	5.75	6.20	6.13
Reading .....	166.50	184.94	178.22	37.5	39.1	38.0	4.44	4.73	4.69
Scranton <sup>10</sup> .....	135.87	145.84	142.04	35.2	36.1	34.9	3.86	4.04	4.07
Wilkes-Barre—Hazleton <sup>11</sup> .....	136.02	144.63	140.07	35.7	35.8	34.5	3.81	4.04	4.06
Williamsport .....	171.26	172.73	164.53	39.1	38.3	36.4	4.38	4.51	4.52
York .....	171.50	189.20	185.72	39.7	40.6	40.2	4.32	4.66	4.62
<b>RHODE ISLAND</b> .....	146.25	155.98	158.71	38.7	39.5	38.9	3.78	4.05	4.08
Providence—Warwick—Pawtucket .....	145.52	161.19	160.34	38.6	39.8	39.3	3.77	4.05	4.08
<b>SOUTH CAROLINA</b> <sup>1</sup> .....	133.03	153.09	146.64	37.9	40.5	39.0	3.51	3.78	3.76
Charleston—North Charleston <sup>1</sup> .....	159.20	174.25	171.63	39.8	41.0	41.1	4.00	4.25	4.28
Columbia <sup>1</sup> .....	139.46	152.46	(*)	38.0	39.6	(*)	3.67	3.85	(*)
Greenville—Spartanburg <sup>1</sup> .....	132.65	152.36	145.51	37.9	40.2	38.7	3.50	3.79	3.76
<b>SOUTH DAKOTA</b> .....	165.17	169.65	178.04	39.8	39.0	40.1	4.15	4.35	4.44
Sioux Falls .....	215.36	215.33	234.42	42.9	40.4	42.7	5.02	5.33	5.47
<b>TENNESSEE</b> .....	150.54	166.87	164.32	39.0	40.6	39.5	3.86	4.11	4.16
Chattanooga .....	163.17	175.36	173.23	39.7	40.5	40.1	4.11	4.33	4.32
Knoxville .....	170.17	193.11	189.53	38.5	40.4	38.6	4.42	4.78	4.91
Memphis .....	182.40	189.45	190.46	40.0	39.8	39.6	4.56	4.76	4.81
Nashville—Davidson .....	155.14	175.12	168.63	38.4	39.8	38.5	4.04	4.40	4.38
<b>TEXAS</b> .....	180.05	197.96	196.66	40.1	40.9	40.3	4.49	4.84	4.88
Amarillo .....	159.50	179.01	179.99	39.0	39.0	39.3	4.10	4.59	4.58
Austin .....	148.74	171.40	169.74	40.2	41.3	41.0	3.70	4.15	4.14
Beaumont—Port Arthur—Orange .....	228.15	270.06	276.62	39.0	40.1	40.8	5.85	6.75	6.76
Corpus Christi .....	186.72	224.26	228.17	38.9	40.7	40.1	4.80	5.51	5.69
Dallas—Fort Worth .....	179.74	181.80	177.41	39.8	40.4	39.6	4.29	4.50	4.48
El Paso .....	117.57	144.76	141.45	34.8	37.6	35.9	3.39	3.85	3.94
Galveston—Texas City .....	275.22	331.65	335.22	41.7	45.0	44.4	6.60	7.37	7.55
Houston .....	220.58	240.81	240.66	42.5	42.1	42.0	5.19	5.72	5.73
Lubbock .....	141.25	151.11	148.56	39.8	41.4	40.7	3.55	3.65	3.66
San Antonio .....	141.00	154.14	148.43	40.4	42.0	39.9	3.49	3.67	3.72
Waco .....	151.30	172.60	177.19	39.4	40.9	41.4	3.84	4.22	4.28
Wichita Falls .....	148.18	171.26	169.23	39.2	39.1	38.2	3.78	4.38	4.43
<b>UTAH</b> .....	157.93	159.80	159.78	38.9	38.6	38.5	4.06	4.14	4.15
Salt Lake City—Ogden .....	155.62	159.10	158.69	39.7	38.9	38.3	3.92	4.09	4.09
<b>VERMONT</b> .....	159.60	177.18	173.32	39.9	41.3	40.4	4.00	4.29	4.29
Burlington .....	175.20	206.22	216.36	40.0	42.0	43.1	4.38	4.91	5.02
Springfield .....	186.10	191.35	184.61	40.9	40.8	39.7	4.55	4.69	4.65
<b>VIRGINIA</b> .....	152.05	166.76	165.45	38.3	39.8	39.3	3.97	4.19	4.21
Lynchburg .....	149.00	170.95	164.36	38.6	40.8	39.7	3.86	4.19	4.14
Norfolk—Virginia Beach—Portsmouth .....	159.57	172.30	178.58	40.5	39.7	40.5	3.94	4.34	4.36
Northern Virginia <sup>12</sup> .....	196.21	186.03	189.53	39.8	39.0	39.0	4.93	4.77	4.87
Richmond .....	176.08	204.82	204.22	38.7	40.8	40.6	4.55	5.02	5.03
Roanoke .....	141.45	149.72	147.45	39.4	39.4	38.6	3.59	3.80	3.82
<b>WASHINGTON</b> .....	218.48	239.01	240.79	38.6	38.8	38.9	5.66	6.16	6.19
Seattle—Everett .....	228.52	245.40	250.58	39.4	39.4	39.4	5.80	6.33	6.36
Spokane .....	198.28	218.65	220.40	38.5	39.9	40.0	5.15	5.48	5.51
Tacoma .....	215.46	237.74	242.32	38.0	38.1	38.1	5.67	6.24	6.36
<b>WEST VIRGINIA</b> .....	186.05	205.74	211.34	38.6	39.3	39.8	4.82	5.24	5.31
Charleston .....	221.68	242.26	248.07	40.9	41.2	40.6	5.42	5.88	6.11
Huntington—Ashland .....	215.20	231.82	248.35	40.0	39.9	39.8	5.38	5.81	6.24
Wheeling .....	194.33	211.58	220.97	39.1	39.4	40.1	4.97	5.37	5.66

See footnotes at end of table.

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

**C-13. Gross hours and earning of production workers on manufacturing payrolls, by State and selected areas—Continued**

State and area	Average weekly earnings			Average weekly hours			Average hourly earnings		
	APR. 1975	MAR. 1976	APR. 1976P	APR. 1975	MAR. 1976	APR. 1976P	APR. 1975	MAR. 1976	APR. 1976P
<b>WISCONSIN</b> .....	\$206.80	\$227.02	\$221.00	39.9	40.6	39.8	\$5.18	\$5.59	\$5.57
Appleton—Oshkosh .....	195.47	215.79	208.73	40.4	41.3	40.2	4.84	5.23	5.15
Green Bay .....	239.38	232.37	225.28	41.4	42.2	41.3	5.06	5.50	5.46
Kenosha .....	258.05	261.02	262.56	40.4	39.0	39.1	6.39	6.69	6.71
La Crosse .....	177.52	186.52	187.01	41.0	40.2	40.0	4.34	4.64	4.68
Madison .....	224.75	244.21	246.80	39.4	39.9	40.2	5.70	6.12	6.14
Milwaukee .....	226.24	247.82	242.35	40.1	40.3	39.6	5.65	6.15	6.12
Racine .....	220.70	241.09	229.39	38.8	40.3	38.5	5.69	5.99	5.95
<b>WYOMING</b> .....	199.63	227.82	220.99	39.6	42.2	40.2	5.04	5.40	5.48
Casper .....	227.06	255.60	270.42	38.8	40.8	41.1	5.85	6.27	6.53
Cheyenne .....	172.87	228.16	233.24	29.9	32.0	31.5	5.78	7.13	7.31

<sup>1</sup> Based on 1972 Standard Industrial Classification.  
<sup>2</sup> Data not comparable prior to August 1975 due to change in area definition.  
<sup>3</sup> Subarea of Philadelphia, Pennsylvania Standard Metropolitan Statistical Area: Burlington, Camden, and Gloucester Counties, New Jersey.  
<sup>4</sup> Subarea of New York Northeastern New Jersey.  
<sup>5</sup> Subarea of Rochester Standard Metropolitan Statistical Area.  
<sup>6</sup> Area included in New York and Nassau—Suffolk combined SMSA'S.  
<sup>7</sup> Subarea of New York Standard Metropolitan Statistical Area.  
<sup>8</sup> Revised to 1975 benchmark; not strictly comparable with previously published data.  
<sup>9</sup> Subarea of Philadelphia, Pennsylvania Standard Metropolitan Statistical Area: Bucks, Chester, Delaware, Montgomery, and Philadelphia Counties, Pennsylvania.  
<sup>10</sup> Subarea of Northeast Pennsylvania Standard Metropolitan Statistical Area: Lackawanna County.  
<sup>11</sup> Subarea of Northeast Pennsylvania Standard Metropolitan Statistical Area: Luzerne County.  
<sup>12</sup> Subarea of Washington, D.C. Standard Metropolitan Statistical Area: Alexandria, Fairfax, Falls Church, Manassas, and Manassas Park 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 1965 to date

[Per 100 employees]

Year	Annual average	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
Total accessions													
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	3.6	4.0	4.4	5.1	5.4	4.8	5.4	4.9	3.8	2.4	1.8
1975	3.7	3.0	2.7	3.2	3.7	3.9	4.5	4.5	5.1	4.6	3.7	2.8	2.2
1976	-	3.8	3.5	4.2	3.9p								
New hires													
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	4.7	4.3	3.0	2.0
1974	3.2	3.2	2.7	3.0	3.3	3.9	4.3	3.7	4.2	3.9	2.9	1.7	1.0
1975	2.0	1.3	1.2	1.3	1.6	2.0	2.5	2.6	3.1	3.0	2.4	1.7	1.3
1976	-	2.1	2.1	2.6	2.5p								
Total separations													
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	6.1	5.4	5.0	5.0	5.2
1975	4.2	6.2	4.5	4.2	4.0	3.9	3.6	4.4	4.6	4.3	4.0	3.5	3.4
1976	-	3.7	3.1	3.5	3.5p								
Quits													
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	4.5	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	1.4	1.1	.9	1.0	1.1	1.3	1.3	1.5	2.4	2.0	1.6	1.2	.9
1976	-	1.3	1.2	1.5	1.7p								
Layoffs													
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	2.1	4.1	2.9	2.5	2.1	1.8	1.5	2.0	1.3	1.4	1.6	1.7	1.9
1976	-	1.6	1.1	1.1	1.1p								

p=preliminary.

**ESTABLISHMENT DATA  
LABOR TURNOVER**

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

[Per 100 employees]

SIC Code	Industry	Accession rates				Separation rates					
		Total		New hires		Total		Quits		Layoffs	
		Mar. 1976	Apr. 1976 <sup>p</sup>	Mar. 1976	Apr. 1976 <sup>p</sup>	Mar. 1976	Apr. 1976 <sup>p</sup>	Mar. 1976	Apr. 1976 <sup>p</sup>	Mar. 1976	Apr. 1976 <sup>p</sup>
-	<b>MANUFACTURING</b> .....	4.2	3.9	2.6	2.5	3.5	3.5	1.5	1.7	1.1	1.1
19,24,25,32-39	<b>DURABLE GOODS</b> .....	4.0	3.6	2.3	2.2	3.2	3.1	1.2	1.3	1.1	.9
20-23,26-31	<b>NONDURABLE GOODS</b> .....	4.3	4.2	3.0	3.0	3.9	4.1	2.0	2.1	1.1	1.2
	<b>DURABLE GOODS</b>										
19	<b>ORDNANCE AND ACCESSORIES</b> .....	1.6	-	.9	-	1.7	-	.5	-	.6	-
192	Ammunition, except for small arms .....	1.3	-	.7	-	1.9	-	.4	-	.8	-
24	<b>LUMBER AND WOOD PRODUCTS</b> .....	6.6	6.5	4.8	4.8	5.3	4.9	2.7	3.1	1.6	0.9
242	Sawmills and planing mills .....	5.9	-	4.6	-	4.2	-	2.6	-	.7	-
2421	Sawmills and planing mills, general .....	6.0	-	4.5	-	3.9	-	2.5	-	.6	-
243	Millwork, plywood and related products .....	7.2	2	5.4	-	4.7	-	2.8	-	.9	-
2431	Millwork .....	6.4	-	5.3	-	4.3	-	2.5	-	.9	-
2432	Veneer and plywood .....	5.9	-	5.2	-	5.0	-	3.0	-	1.0	-
244	Wooden containers .....	8.4	-	6.5	-	5.9	-	4.6	-	.4	-
2441,2	Wooden boxes, shooks, and crates .....	8.8	-	6.6	-	5.7	-	4.4	-	.5	-
249	Miscellaneous wood products .....	6.6	-	5.3	-	5.4	-	3.0	-	1.3	-
25	<b>FURNITURE AND FIXTURES</b> .....	5.6	5.3	4.5	4.4	5.1	5.2	3.1	3.2	.9	.8
251	Household furniture .....	5.7	-	4.8	-	5.4	-	3.5	-	.7	-
2511	Wood household furniture .....	6.5	-	5.4	-	5.4	-	3.7	-	.4	-
2512	Upholstered household furniture .....	5.0	-	4.5	-	4.9	-	3.4	-	.6	-
2515	Mattresses and bedsprings .....	4.4	-	3.6	-	4.7	-	2.9	-	.5	-
252	Office furniture .....	4.0	-	1.8	-	3.9	-	1.4	-	1.7	-
32	<b>STONE, CLAY, AND GLASS PRODUCTS</b> .....	5.0	5.0	2.4	2.6	3.3	3.0	1.3	1.5	1.2	.8
321	Flat glass .....	3.0	-	.4	-	2.4	-	.2	-	1.6	-
322	Glass and glassware, pressed or blown .....	3.7	-	2.0	-	2.7	-	1.1	-	.6	-
3221	Glass containers .....	3.8	-	2.1	-	2.9	-	1.3	-	.9	-
3229	Pressed and blown glass, nec .....	3.6	-	1.8	-	2.3	-	.8	-	.3	-
324	Cement, hydraulic .....	7.5	-	.6	-	4.8	-	.3	-	4.2	-
325	Structural clay products .....	6.9	-	3.6	-	3.9	-	2.0	-	1.2	-
3251	Brick and structural clay tile .....	9.7	-	5.7	-	5.0	-	3.1	-	1.3	-
326	Pottery and related products .....	4.1	-	3.2	-	3.7	-	1.5	-	1.0	-
3291	Abrasive products .....	2.4	-	1.1	-	1.6	-	.6	-	.4	-
33	<b>PRIMARY METAL INDUSTRIES</b> .....	4.0	3.3	1.3	1.2	2.6	2.4	.6	.6	1.1	.9
331	Blast furnace and basic steel products .....	4.2	-	.7	-	2.6	-	.3	-	1.4	-
3312	Blast furnaces and steel mills .....	4.0	-	.6	-	2.4	-	.2	-	1.2	-
332	Iron and steel foundries .....	3.5	-	1.9	-	2.8	-	1.0	-	1.0	-
3321	Gray iron foundries .....	3.9	-	2.2	-	2.6	-	1.1	-	.7	-
3322	Malleable iron foundries .....	3.8	-	2.2	-	1.8	-	.7	-	.4	-
3323	Steel foundries .....	2.6	-	1.1	-	3.6	-	.9	-	1.9	-
333,4	Nonferrous metals .....	3.6	-	1.2	-	1.9	-	.5	-	.5	-
335	Nonferrous rolling and drawing .....	4.1	-	1.6	-	2.2	-	.7	-	.5	-
3351	Copper rolling and drawing .....	3.9	-	2.6	-	2.7	2	.8	-	.8	-
3352	Aluminum rolling and drawing .....	4.3	-	1.5	-	2.1	-	.5	-	.4	-
3357	Nonferrous wire drawing, and insulating .....	4.4	-	1.2	-	2.0	-	.7	-	.4	-
336	Nonferrous foundries .....	4.6	-	2.9	-	3.4	-	1.3	-	1.1	-
3361	Aluminum castings .....	5.3	-	3.5	-	3.3	-	1.4	-	.9	-
3362,9	Other nonferrous castings .....	3.8	-	2.1	-	3.5	-	1.2	-	1.3	-
339	Miscellaneous primary metal products .....	2.6	-	1.2	-	2.7	-	.7	-	1.3	-
3391	Iron and steel forgings .....	2.5	-	1.2	-	2.6	-	.6	-	1.2	-
34	<b>FABRICATED METAL PRODUCTS</b> .....	4.4	-	2.8	-	3.7	-	1.4	-	1.4	-
341	Metal cans .....	5.7	-	.9	-	7.1	-	.5	-	5.4	-
342	Cutlery, hand tools, and hardware .....	3.2	-	2.4	-	2.2	-	1.1	-	.6	-
3421,3,5	Cutlery and hand tools, incl. saws .....	3.2	-	2.4	-	2.8	-	1.3	-	.8	-
3429	Hardware, nec .....	3.2	-	2.4	-	1.8	-	.9	-	.4	-
343	Plumbing and heating, except electric .....	4.9	-	3.8	-	3.6	-	1.7	-	1.1	-
3431,2	Sanitary ware and plumbers' brass goods .....	4.0	-	3.5	-	3.0	-	1.7	-	.4	-
3433	Heating equipment, except electric .....	5.7	-	4.1	-	4.1	-	1.7	-	1.7	-
344	Fabricated structural metal products .....	4.2	-	2.8	-	4.4	-	1.7	-	1.9	-
3441	Fabricated structural steel .....	4.1	-	2.2	-	5.7	-	1.7	-	3.1	-
3443	Fabricated plate work (boiler shops) .....	2.3	-	1.7	-	2.7	-	1.1	-	1.0	-
3446,9	Architectural and misc. metal work .....	4.8	-	3.4	-	4.5	-	2.1	-	1.6	-
345	Screw machine products, bolts, etc. .....	4.1	-	2.5	-	2.3	-	1.1	-	.5	-
3452	Bolts, nuts, rivets, and washers .....	3.3	-	1.6	-	2.1	-	.8	-	.5	-

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	
		Mar. 1976	Apr. 1976 <sup>p</sup>	Mar. 1976	Apr. 1976 <sup>p</sup>	Mar. 1976	Apr. 1976 <sup>p</sup>	Mar. 1976	Apr. 1976 <sup>p</sup>	Mar. 1976	Apr. 1976 <sup>p</sup>
	<b>DURABLE GOODS – Continued</b>										
	<b>FABRICATED METAL PRODUCTS – Continued</b>										
346	Metal stampings .....	4.1	-	2.4	-	3.2	-	1.0	-	1.4	-
348	Miscellaneous fabricated wire products .....	5.7	-	3.9	-	3.6	-	1.7	-	.7	-
349	Miscellaneous fabricated metal products .....	3.2	-	2.3	-	2.7	-	1.3	-	.7	-
3494,8	Valves, pipe, and pipe fittings .....	3.0	-	2.2	-	2.5	-	1.1	-	.7	-
35	<b>MACHINERY, EXCEPT ELECTRICAL .....</b>	2.9	2.4	1.6	1.5	2.6	2.5	.9	1.0	1.0	0.8
351	Engines and turbines .....	2.2	-	.7	-	2.4	-	.4	-	1.2	-
3511	Steam engines and turbines .....	1.0	-	.5	-	1.1	-	.2	-	.1	-
3519	Internal combustion engines, nec .....	3.0	-	.9	-	3.2	-	.5	-	1.8	-
352	Farm machinery .....	2.7	-	1.7	-	2.6	-	1.0	-	.7	-
353	Construction and related machinery .....	3.2	-	1.4	-	3.3	-	.9	-	1.8	-
3531,2	Construction and mining machinery .....	3.2	-	.7	-	3.8	-	.5	-	2.8	-
3533	Oil field machinery .....	3.0	-	2.8	-	3.0	-	1.8	-	.3	-
3535,6	Conveyors, hoists, cranes, monorails .....	2.7	-	2.0	-	2.0	-	.8	-	.4	-
354	Metal working machinery .....	3.0	-	1.7	-	2.3	-	.9	-	.7	-
3541	Machine tools, metal cutting types .....	1.6	-	.6	-	2.0	-	.5	-	1.0	-
3545	Machine tool accessories .....	2.2	-	1.5	-	2.1	-	.8	-	.7	-
3542,8	Miscellaneous metal working machinery .....	3.0	-	1.8	-	2.1	-	.8	-	.6	-
355	Special industry machinery .....	2.3	-	1.4	-	2.4	-	.8	-	.9	-
3551	Food products machinery .....	2.2	-	1.3	-	2.3	-	.7	-	1.1	-
3552	Textile machinery .....	3.8	-	1.9	-	3.3	-	1.2	-	1.1	-
356	General industrial machinery .....	2.4	-	1.4	-	2.2	-	.7	-	.9	-
3561	Pumps and compressors .....	2.2	-	1.4	-	1.8	-	.7	-	.5	-
3562	Ball and roller bearings .....	1.5	-	.7	-	1.6	-	.4	-	.7	-
3566	Power transmission equipment .....	2.3	-	1.2	-	2.4	-	.7	-	1.2	-
357	Office and computing machines .....	2.1	-	1.5	-	1.9	-	.6	-	.5	-
3573	Electronic computing equipment .....	2.1	-	1.5	-	1.8	-	.6	-	.3	-
358	Service industry machines .....	4.5	-	2.6	-	3.0	-	1.1	-	.8	-
3585	Refrigeration machinery .....	4.8	-	2.6	-	3.4	-	1.2	-	.9	-
36	<b>ELECTRICAL EQUIPMENT AND SUPPLIES .....</b>	3.6	-	2.0	-	2.7	-	1.1	-	.7	-
361	Electric test and distributing equipment .....	3.1	-	1.7	-	2.4	-	.9	-	.6	-
3611	Electric measuring instruments .....	2.4	-	1.8	-	1.8	-	.8	-	.5	-
3612	Transformers .....	4.8	-	2.0	-	2.8	-	.9	-	.4	-
3613	Switchgear and switchboard apparatus .....	2.5	-	1.5	-	2.7	-	.9	-	.8	-
362	Electrical industrial apparatus .....	3.7	-	1.9	-	2.2	-	1.0	-	.5	-
3621	Motors and generators .....	4.1	-	2.2	-	2.1	-	1.1	-	.4	-
3622	Industrial controls .....	3.5	-	1.7	-	2.1	-	.9	-	1.2	-
363	Household appliances .....	6.6	-	2.5	-	4.1	-	1.4	-	1.5	-
3632	Household refrigerators and freezers .....	11.7	-	1.1	-	6.7	-	.6	-	4.0	-
3633	Household laundry equipment .....	6.6	-	1.7	-	2.0	-	.8	-	.2	-
3634	Electric housewares and fans .....	4.0	-	2.4	-	3.4	-	1.9	-	.7	-
364	Electric lighting and wiring equipment .....	4.4	-	3.1	-	2.8	-	1.3	-	.6	-
3641	Electric lamps .....	3.3	-	1.6	-	1.8	-	.7	-	.2	-
3642	Lighting fixtures .....	4.1	-	2.7	-	3.2	-	1.3	-	.9	-
3643,4	Wiring devices .....	5.0	-	3.9	-	2.8	-	1.6	-	.5	-
365	Radio and TV receiving equipment .....	5.2	-	2.0	-	4.8	-	1.5	-	1.5	-
366	Communication equipment .....	1.8	-	1.0	-	1.8	-	.6	-	.7	-
3661	Telephone and telegraph apparatus .....	1.2	-	.3	-	1.3	-	.3	-	.6	-
3662	Radio and TV communication equipment .....	2.0	-	1.3	-	2.1	-	.7	-	.8	-
367	Electronic components and accessories .....	3.9	-	2.5	-	3.0	-	1.5	-	.5	-
3671-3	Electron tubes .....	3.2	-	.8	-	2.8	-	.6	-	.5	-
3674,9	Other electronic components .....	4.0	-	2.7	-	3.1	-	1.6	-	.5	-
369	Miscellaneous electrical equipment and supplies .....	3.0	-	1.7	-	2.2	-	.9	-	.7	-
3694	Engine electrical equipment .....	2.8	-	1.2	-	1.9	-	.7	-	.4	-
37	<b>TRANSPORTATION EQUIPMENT .....</b>	4.3	-	2.3	-	3.3	-	1.1	-	1.2	-
371	Motor vehicles and equipment .....	3.7	-	1.6	-	2.5	-	.7	-	1.0	-
3711	Motor vehicles .....	3.5	-	1.5	-	2.6	-	.7	-	1.2	-
3712	Passenger car bodies .....	1.4	-	.3	-	1.4	-	.5	-	.1	-
3713	Truck and bus bodies .....	4.8	-	2.1	-	2.4	-	1.0	-	.8	-
3714	Motor vehicle parts and accessories .....	4.0	-	1.6	-	2.5	-	.6	-	1.0	-
372	Aircraft and parts .....	1.3	-	.7	-	1.9	-	.5	-	.9	-
3721	Aircraft .....	1.2	-	.7	-	1.7	-	.4	-	.8	-
3722	Aircraft engines and engine parts .....	1.1	-	.4	-	1.6	-	.3	-	.9	-
3723,9	Other aircraft parts and equipment .....	2.0	-	1.2	-	2.8	-	.9	-	1.3	-
373	Ship and boat building and repairing .....	7.6	-	5.5	-	6.8	-	2.7	-	2.5	-
3731	Ship building and repairing .....	7.2	-	4.9	-	7.3	-	2.5	-	3.1	-
374	Railroad equipment .....	3.0	-	.5	-	4.3	-	.2	-	3.2	-
375,9	Other transportation equipment .....	14.3	-	8.8	-	7.1	-	4.1	-	1.3	-

See footnotes at end of table.

**ESTABLISHMENT DATA  
LABOR TURNOVER**

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

[Per 100 employees]

SIC Code	Industry	Accession rates				Separation rates					
		Total		New hires		Total		Quits		Layoffs	
		Mar. 1976	Apr. 1976 <sup>P</sup>	Mar. 1976	Apr. 1976 <sup>P</sup>	Mar. 1976	Apr. 1976 <sup>P</sup>	Mar. 1976	Apr. 1976 <sup>P</sup>	Mar. 1976	Apr. 1976 <sup>P</sup>
	<b>DURABLE GOODS — Continued</b>										
38	<b>INSTRUMENTS AND RELATED PRODUCTS</b> .....	2.6	2.7	2.0	2.1	2.1	2.4	0.9	1.1	0.4	0.5
381	Engineering and scientific instruments .....	1.5	-	1.2	-	1.8	-	.7	-	.5	-
382	Mechanical measuring and control devices .....	3.3	-	2.3	-	2.3	-	1.0	-	.4	-
3821	Mechanical measuring devices .....	2.3	-	1.7	-	2.1	-	.9	-	.5	-
3822	Automatic temperature controls .....	5.2	-	3.5	-	2.8	-	1.1	-	.3	-
383,5	Optical and ophthalmic goods .....	3.2	-	2.5	-	2.6	-	1.3	-	.5	-
384	Medical instruments and supplies .....	3.4	-	2.8	-	2.5	-	1.3	-	.5	-
386	Photographic equipment and supplies .....	1.5	-	1.3	-	1.0	-	.4	-	.2	-
387	Watches, clocks, and watchcases .....	3.3	-	1.7	-	4.3	-	1.4	-	.4	-
39	<b>MISCELLANEOUS MANUFACTURING INDUSTRIES</b> .....	5.3	5.0	3.7	3.5	4.1	4.5	2.0	2.2	1.3	1.4
391	Jewelry, silverware, and plated ware .....	4.6	-	3.3	-	3.7	-	1.7	-	1.1	-
394	Toys and sporting goods .....	8.1	-	4.8	-	4.5	-	2.2	-	1.2	-
3941-3	Games, toys, dolls and play vehicles .....	9.6	-	4.3	-	5.2	-	2.2	-	1.9	-
3949	Sporting and athletic goods, nec .....	6.5	-	5.2	-	3.7	-	2.2	-	.5	-
395	Pens, pencils, office and art supplies .....	3.9	-	3.3	-	3.1	-	1.6	-	.8	-
396	Costume jewelry and notions .....	5.1	-	3.8	-	4.7	-	2.3	-	1.5	-
393,9	Other manufacturing industries .....	4.1	-	3.1	-	4.1	-	1.8	-	1.4	-
	<b>NONDURABLE GOODS</b>										
20	<b>FOOD AND KINDRED PRODUCTS</b> .....	5.0	5.3	3.1	3.4	5.0	4.7	2.1	2.2	2.2	1.9
201	Meat products .....	6.1	-	4.0	-	5.5	-	3.1	-	1.5	-
2011	Meat packing plants .....	4.3	-	2.1	-	4.1	-	1.4	-	2.0	-
2015	Poultry dressing plants .....	10.5	-	8.2	-	8.4	-	6.8	-	.3	-
204	Grain mill products .....	2.8	-	2.1	-	3.5	-	1.6	-	1.2	-
2041	Flour and other grain mill products .....	2.1	-	1.5	-	2.7	-	1.1	-	1.1	-
2042	Prepared feeds for animals and fowls .....	3.3	-	2.8	-	4.1	-	2.5	-	.9	-
205	Bakery products .....	3.0	-	2.3	-	2.8	-	1.5	-	.8	-
2051	Bread, cake, and related products .....	2.8	-	2.4	-	2.4	-	1.5	-	.4	-
2052	Cookies and crackers .....	4.0	-	2.0	-	4.9	-	1.4	-	2.7	-
207	Confectionery and related products .....	6.5	-	2.1	-	8.0	-	1.6	-	5.9	-
2071	Confectionery products .....	8.0	-	2.3	-	10.0	-	1.8	-	7.5	-
208	Beverages .....	4.6	-	3.1	-	4.3	-	1.9	-	1.6	-
2082	Malt liquors .....	4.7	-	1.2	-	4.2	-	.4	-	3.2	-
21	<b>TOBACCO MANUFACTURES</b> .....	1.6	-	1.1	-	4.0	-	.6	-	2.7	-
211	Cigarettes .....	1.4	-	.9	-	1.0	-	.2	-	( <sup>1</sup> )	-
212	Cigars .....	2.3	-	1.1	-	3.1	-	1.9	-	.5	-
22	<b>TEXTILE MILL PRODUCTS</b> .....	5.5	5.5	4.2	4.3	4.8	5.3	3.1	3.4	.6	.8
221	Weaving mills, cotton .....	5.3	-	4.1	-	4.9	-	3.5	-	.2	-
222	Weaving mills, synthetics .....	5.7	-	4.8	-	5.2	-	3.8	-	.2	-
223	Weaving and finishing mills, wool .....	5.6	-	4.4	-	4.5	-	2.1	-	1.5	-
224	Narrow fabric mills .....	6.9	-	6.1	-	4.7	-	2.9	-	.8	-
225	Knitting mills .....	5.8	-	3.8	-	4.4	-	2.6	-	1.0	-
2251	Women's hosiery, except socks .....	3.5	-	2.4	-	4.5	-	2.8	-	1.2	-
2252	Hosiery, nec .....	4.9	-	4.1	-	3.9	-	3.1	-	.4	-
2254	Knit underwear mills .....	5.8	-	4.9	-	4.2	-	3.2	-	.3	-
226	Textile finishing, except wool .....	3.7	-	3.0	-	3.3	-	2.0	-	.5	-
227	Floor covering mills .....	4.0	-	2.6	-	3.9	-	2.1	-	.8	-
228	Yarn and thread mills .....	6.9	-	5.7	-	6.5	-	4.6	-	.6	-
229	Miscellaneous textile goods .....	4.9	-	3.7	-	4.3	-	2.1	-	.8	-
23	<b>APPAREL AND OTHER TEXTILE PRODUCTS</b> .....	6.0	5.5	4.2	3.9	5.2	6.1	2.9	3.0	1.4	2.2
231	Men's and boys' suits and coats .....	5.1	-	3.2	-	4.9	-	1.8	-	2.2	-
232	Men's and boys' furnishings .....	5.9	-	4.7	-	5.6	-	3.8	-	.9	-
2321	Men's and boys' shirts and nightwear .....	6.1	-	4.7	-	5.6	-	3.8	-	.9	-
2327	Men's and boys' separate trousers .....	4.9	-	4.2	-	4.6	-	3.5	-	.4	-
2328	Men's and boys' work clothing .....	6.7	-	5.4	-	5.8	-	4.9	-	.2	-
234	Women's and children's undergarments .....	6.4	-	4.9	-	5.7	-	3.2	-	1.7	-
2341	Women's and children's underwear .....	6.9	-	5.3	-	6.4	-	3.5	-	2.1	-
2342	Corsets and allied garments .....	4.8	-	3.8	-	3.6	-	2.2	-	.6	-
26	<b>PAPER AND ALLIED PRODUCTS</b> .....	3.1	2.8	2.1	1.9	2.5	2.3	1.0	1.0	.9	.7
261,2,6	Paper and pulp mills .....	1.9	-	1.2	-	1.4	-	.5	-	.4	-
263	Paperboard mills .....	2.5	-	1.8	-	1.9	-	.7	-	.7	-

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	
		Mar. 1976	Apr. 1976 <sup>p</sup>	Mar. 1976	Apr. 1976 <sup>p</sup>	Mar. 1976	Apr. 1976 <sup>p</sup>	Mar. 1976	Apr. 1976 <sup>p</sup>	Mar. 1976	Apr. 1976 <sup>p</sup>
	<b>NONDURABLE GOODS—Continued</b>										
	<b>PAPER AND ALLIED PRODUCTS—Continued</b>										
				-	.						
264	Miscellaneous converted paper products .....	3.5	-	2.6	-	2.8	-	1.2	-	0.9	-
2643	Bags, except textile bags .....	4.3	-	3.4	-	5.3	-	1.8	-	2.6	-
265	Paperboard containers and boxes .....	4.0	-	2.5	-	3.5	-	1.3	-	1.3	-
2651,2	Folding and setup paperboard boxes .....	4.9	-	3.2	-	4.6	-	1.5	-	2.2	-
2653	Corrugated and solid fiber boxes .....	2.5	-	1.9	-	2.3	-	1.1	-	.5	-
27	<b>PRINTING AND PUBLISHING</b> .....	2.8	2.8	2.0	2.0	2.6	2.9	1.4	1.4	.7	0.9
28	<b>CHEMICALS AND ALLIED PRODUCTS</b> .....	2.1	1.8	1.5	1.3	1.6	1.8	.7	.7	.4	.4
281	Industrial chemicals .....	1.6	-	1.1	-	1.0	-	.4	-	.1	-
282	Plastics materials and synthetics .....	1.5	-	.9	-	1.3	-	.5	-	.4	-
2821	Plastics materials and resins .....	1.7	-	1.2	-	1.4	-	.5	-	.3	-
2823,4	Synthetic fibers .....	1.3	-	.7	-	1.3	-	.4	-	.4	-
283	Drugs .....	1.8	-	1.4	-	1.3	-	.6	-	.2	-
2834	Pharmaceutical preparations .....	1.9	-	1.5	-	1.4	-	.6	-	.3	-
284	Soap, cleaners, and toilet goods .....	2.6	-	1.9	-	3.0	-	1.1	-	1.1	-
2841	Soap and other detergents .....	1.4	-	.7	-	2.0	-	.4	-	1.1	-
2844	Toilet preparations .....	3.8	-	2.8	-	4.4	-	1.7	-	1.7	-
285	Paints and allied products .....	2.9	-	2.4	-	1.9	-	.9	-	.4	-
286,9	Other chemical products .....	2.4	-	1.7	-	2.1	-	.8	-	.6	-
29	<b>PETROLEUM AND COAL PRODUCTS</b> .....	2.0	1.8	1.4	1.2	1.6	1.6	.6	.5	.3	.5
291	Petroleum refining .....	1.2	-	1.0	-	1.2	-	.3	-	.3	-
295,9	Other petroleum and coal products .....	4.6	-	3.0	-	3.1	-	1.8	-	.4	-
30	<b>RUBBER AND PLASTICS PRODUCTS, NEC</b> .....	5.2	4.8	3.7	3.6	4.0	4.2	2.1	2.3	.9	.9
301	Tires and inner tubes .....	2.1	-	1.0	-	1.5	-	.6	-	.3	-
302,3,6	Other rubber products .....	4.6	-	3.2	-	3.6	-	1.8	-	.8	-
307	Miscellaneous plastics products .....	6.5	-	4.8	-	5.1	-	2.7	-	1.2	-
31	<b>LEATHER AND LEATHER PRODUCTS</b> .....	7.0	6.6	5.3	5.2	6.0	6.2	3.5	3.8	1.2	1.2
311	Leather tanning and finishing .....	5.2	-	4.8	-	5.0	-	2.4	-	.4	-
314	Footwear, except rubber .....	6.9	-	5.1	-	6.0	-	3.8	-	1.1	-
	<b>NONMANUFACTURING</b>										
10	<b>METAL MINING</b> .....	2.4	2.9	1.6	1.3	2.1	2.0	.9	1.0	.3	.2
101	Iron ores .....	3.0	-	1.6	-	1.1	-	.3	-	( <sup>1</sup> )	-
102	Copper ores .....	2.2	-	1.6	-	2.2	-	1.0	-	.5	-
11,12	<b>COAL MINING</b> .....	2.4	1.7	1.7	1.3	1.9	1.6	.7	.7	.5	.4
12	Bituminous coal and lignite mining .....	2.4	-	1.7	-	1.9	-	.7	-	.4	-
	<b>COMMUNICATION:</b>										
481	Telephone communication .....	.4	-	-	-	.6	-	.3	-	.1	-
482	Telegraph communication <sup>2</sup> .....	(*)	-	-	-	(*)	-	(*)	-	(*)	-

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

p = preliminary.

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

\* = not available.

**ESTABLISHMENT DATA**  
**SEASONALLY ADJUSTED LABOR TURNOVER**

**D-3. Labor turnover rates in manufacturing, 1965 to date, seasonally adjusted**

[Per 100 employees]

Year	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
<b>Total accessions</b>												
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	3.9	4.1	4.1	4.1	3.9	3.9	3.7	3.7	3.9
1971	3.8	3.8	3.7	3.9	3.8	3.8	3.8	4.0	3.9	3.9	4.1	4.2
1972	4.4	4.3	4.4	4.4	4.4	4.2	4.3	4.5	4.5	4.6	4.6	4.7
1973	4.8	4.9	4.9	4.7	4.7	4.8	4.7	4.7	4.8	4.9	4.9	4.5
1974	4.5	4.4	4.4	4.5	4.6	4.4	4.4	4.2	4.0	3.7	3.1	3.1
1975	3.3	3.3	3.4	3.9	3.5	3.5	4.2	4.0	3.7	3.6	3.7	3.8
1976	4.2	4.2	4.4	4.1p								
<b>New hires</b>												
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	2.8	2.7	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	2.6	2.7	2.8
1972	3.0	3.0	3.1	3.2	3.2	3.0	3.2	3.3	3.4	3.5	3.7	3.7
1973	3.9	4.2	4.0	3.9	3.9	3.8	3.8	3.8	3.7	3.9	3.9	3.7
1974	3.6	3.5	3.5	3.5	3.5	3.3	3.4	3.2	3.0	2.7	2.2	1.8
1975	1.5	1.6	1.5	1.7	1.8	1.8	2.4	2.4	2.3	2.2	2.3	2.4
1976	2.4	2.7	2.9	2.7p								
<b>Total separations</b>												
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	4.9	5.1	4.9	4.7	4.7	4.5	4.6	4.9	4.9	4.7
1971	4.3	4.2	4.2	4.1	4.1	4.1	4.3	4.4	4.1	4.1	4.2	4.2
1972	4.2	4.0	4.1	4.2	4.2	4.3	4.5	4.2	4.2	4.1	4.1	4.2
1973	4.3	4.4	4.5	4.5	4.7	4.8	4.7	4.9	4.7	4.7	4.5	4.6
1974	4.8	4.7	4.8	4.7	4.6	4.6	4.5	4.6	4.4	4.8	5.6	6.0
1975	5.9	5.3	4.7	4.5	4.1	3.9	4.0	3.6	3.5	3.7	4.0	3.9
1976	3.5	3.5	3.9	3.7p								
<b>Quits</b>												
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	2.1	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	1.8	1.9	1.9
1972	2.1	2.0	2.1	2.2	2.2	2.2	2.2	2.3	2.2	2.4	2.4	2.6
1973	2.7	2.8	2.8	2.7	2.7	2.7	2.8	2.8	2.6	2.8	2.8	2.7
1974	2.6	2.5	2.6	2.6	2.6	2.5	2.5	2.5	2.1	2.0	1.8	1.5
1975	1.3	1.2	1.1	1.2	1.3	1.3	1.5	1.5	1.3	1.5	1.6	1.5
1976	1.5	1.6	1.7	1.8p								
<b>Layoffs</b>												
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	1.5	1.7	1.8	1.9	1.9	1.9	1.5	1.9	1.9	2.2	2.0	1.7
1971	1.7	1.5	1.5	1.5	1.6	1.6	1.5	2.0	1.7	1.5	1.4	1.3
1972	1.2	1.2	1.1	1.2	1.1	1.4	1.2	1.1	1.0	1.0	.9	.9
1973	.8	.7	.8	.8	.9	.8	1.0	.9	.8	.9	1.0	1.1
1974	1.4	1.2	1.2	1.1	1.1	1.1	1.0	1.3	1.4	2.0	2.5	2.6
1975	3.1	3.0	2.7	2.6	2.6	2.1	1.5	1.5	1.7	1.7	1.6	1.3
1976	1.2	1.1	1.2	1.3p								

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		
	Feb. 1976	Mar. 1976 <sup>P</sup>	Feb. 1976	Mar. 1976 <sup>P</sup>	Feb. 1976	Mar. 1976 <sup>P</sup>	Feb. 1976	Mar. 1976 <sup>P</sup>	Feb. 1976	Mar. 1976 <sup>P</sup>	
<b>ALABAMA:</b>											
Birmingham	2.7	3.0	1.2	1.4	3.0	2.7	0.8	0.8	1.6	1.3	
Mobile <sup>1</sup>	4.4	4.9	2.7	2.6	4.7	4.7	2.1	2.2	1.7	1.5	
<b>ALASKA</b>	17.7	27.3	9.6	18.7	20.5	14.6	7.8	8.6	9.7	5.1	
<b>ARIZONA</b>	3.0	3.5	2.3	2.5	3.3	3.0	1.4	1.6	1.2	.5	
Phoenix	3.0	3.7	2.2	2.7	3.0	3.1	1.2	1.6	1.2	.6	
<b>ARKANSAS</b>	5.8	7.9	4.4	5.5	4.5	5.6	2.8	3.8	.8	.7	
Fort Smith	6.0	12.2	4.5	6.0	4.4	6.6	3.1	4.2	.1	.5	
Little Rock-North Little Rock	6.3	6.0	5.6	4.8	4.0	4.9	2.5	3.5	.5	.4	
Pine Bluff	6.6	6.3	2.7	3.8	2.7	5.1	2.0	3.7	.1	.6	
<b>COLORADO</b>	3.1	4.2	2.0	3.0	3.2	5.1	1.5	1.9	1.1	3.2	
Denver-Boulder	3.4	3.9	2.3	2.8	3.2	3.2	1.2	1.7	1.3	.7	
<b>CONNECTICUT</b>	2.1	2.5	1.2	1.6	2.1	2.2	.8	.9	.7	.7	
Hartford	1.2	1.6	.8	1.1	1.8	1.7	.7	.6	.7	.6	
<b>DELAWARE<sup>1</sup></b>	3.2	(*)	.8	(*)	2.5	(*)	.7	(*)	1.0	(*)	
Wilmington <sup>1</sup>	3.0	(*)	.8	(*)	2.4	(*)	.6	(*)	.9	(*)	
<b>DISTRICT OF COLUMBIA:</b>											
Washington SMSA	1.6	2.0	1.4	1.5	1.7	1.3	.9	1.0	.4	.2	
<b>FLORIDA</b>	4.2	5.1	3.3	4.1	3.8	5.0	1.9	2.3	1.0	1.6	
Fort Lauderdale-Hollywood	4.3	4.8	3.8	4.3	3.4	4.2	1.9	2.2	.6	.2	
Jacksonville	3.5	4.9	2.5	3.3	3.2	3.6	1.7	1.8	.6	.7	
Miami	4.5	5.3	3.6	4.4	3.5	4.3	1.7	2.0	1.0	1.3	
Orlando	4.1	4.8	2.9	3.4	3.3	3.8	1.8	2.2	.8	.9	
Pensacola	1.2	1.2	.8	1.2	1.7	2.4	.7	.9	.1	.5	
Tampa-St. Petersburg	4.5	5.1	3.4	4.2	4.2	5.9	2.2	2.6	1.1	2.2	
West Palm Beach-Boca Raton	1.9	2.4	1.5	2.1	2.3	4.0	1.3	1.5	.3	1.7	
<b>GEORGIA</b>	3.5	4.9	2.7	3.7	3.4	4.3	2.1	2.8	.6	.5	
Atlanta <sup>2</sup>	2.5	3.7	1.9	2.4	2.8	3.3	1.3	1.7	.8	.8	
<b>HAWAII<sup>3</sup></b>	2.7	2.9	.9	1.5	2.7	3.8	.6	.7	1.4	1.4	
<b>IDAHO<sup>4 5</sup></b>	4.1	3.4	3.1	2.9	3.7	4.7	1.8	1.8	1.0	2.2	
<b>ILLINOIS:</b>											
Chicago SMSA	2.8	3.4	1.9	2.2	2.9	3.0	1.1	1.3	.8	.7	
<b>INDIANA</b>	3.3	3.7	1.4	1.8	2.3	2.6	.8	1.0	.8	.7	
Indianapolis <sup>6</sup>	2.0	2.7	.9	1.1	2.2	3.5	.6	.7	.7	.7	
<b>IOWA</b>	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	
Cedar Rapids	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	
Des Moines	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	
<b>KANSAS</b>	4.0	4.4	3.3	3.7	3.6	4.4	2.0	2.6	.8	.9	
Topeka	3.8	4.3	2.8	3.5	2.0	2.4	1.2	1.6	.2	.1	
Wichita	4.2	4.2	3.6	3.8	4.3	4.6	2.3	2.5	.9	1.1	
<b>KENTUCKY</b>	2.9	3.8	1.5	2.1	2.6	3.8	.9	1.3	.9	1.7	
Louisville	2.3	2.6	.7	1.3	2.0	2.4	.5	.6	.5	.9	
<b>LOUISIANA:</b>											
New Orleans	3.8	3.2	2.7	2.6	2.9	4.1	1.6	2.2	.6	1.0	
<b>MAINE</b>	5.1	5.6	3.5	4.1	4.4	5.1	2.3	2.7	1.3	1.4	
Portland	3.5	2.3	2.6	2.0	2.8	2.6	1.7	1.5	.5	.2	
<b>MARYLAND</b>	2.8	3.6	1.3	1.7	2.7	2.9	.8	1.0	1.2	1.1	
Baltimore	2.5	3.4	1.1	1.5	2.5	2.7	.7	.9	1.1	1.1	
<b>MASSACHUSETTS</b>	3.2	3.5	1.9	2.4	2.5	2.6	1.0	1.1	.8	.8	
Boston	2.7	3.1	1.6	2.1	2.3	2.4	.8	1.0	.8	.8	
<b>MICHIGAN</b>	3.2	3.7	1.4	1.7	2.1	2.3	.6	.7	.9	.9	
Detroit	3.1	3.6	1.3	1.8	2.1	2.1	.7	.7	.7	.6	

See footnotes at end of table.

**ESTABLISHMENT DATA**  
**STATE AND AREA LABOR TURNOVER**

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**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	
	Feb. 1976	Mar. 1976 <sup>P</sup>	Feb. 1976	Mar. 1976 <sup>P</sup>	Feb. 1976	Mar. 1976 <sup>P</sup>	Feb. 1976	Mar. 1976 <sup>P</sup>	Feb. 1976	Mar. 1976 <sup>P</sup>
MINNESOTA .....	2.8	3.5	1.7	2.1	2.4	2.8	1.0	1.2	0.8	1.1
Minneapolis—St. Paul .....	2.3	2.8	1.3	1.9	2.0	2.2	.8	1.0	.7	.7
MISSISSIPPI:										
Jackson .....	3.6	3.5	2.6	2.5	3.9	2.6	1.8	1.5	1.4	.4
MISSOURI .....	3.6	3.4	2.1	2.3	2.9	3.2	1.3	1.5	1.0	1.0
Kansas City .....	4.5	3.3	2.8	2.7	2.8	3.1	1.4	1.6	.6	.7
St. Louis .....	3.1	3.0	1.4	1.8	2.4	2.4	.8	.8	1.0	.8
MONTANA .....	1.5	1.5	1.1	.9	1.9	1.0	.6	.6	.9	.1
NEBRASKA .....	3.5	4.6	2.7	3.5	3.4	4.1	2.0	2.2	.8	1.2
NEVADA .....	4.2	6.9	3.6	5.9	5.1	5.5	2.1	2.4	1.5	1.2
NEW HAMPSHIRE .....	3.3	3.8	2.4	2.9	2.8	3.3	1.6	2.0	.6	.6
NEW JERSEY:										
Camden <sup>7</sup> .....	2.9	2.9	1.7	1.6	2.5	2.7	.7	.6	1.0	1.3
Hackensack .....	4.2	3.3	3.0	2.5	3.2	3.6	1.4	1.4	1.1	1.3
Jersey City .....	3.9	3.5	1.9	2.2	3.9	3.4	.8	1.0	1.9	1.7
Newark .....	2.6	3.2	1.7	2.1	2.0	2.6	.8	1.1	.6	.8
New Brunswick—Perth Amboy—Sayreville .....	2.7	2.9	1.5	1.8	3.4	2.6	.7	.7	1.7	1.1
Paterson—Clifton—Passaic .....	4.6	4.2	2.3	2.6	3.0	4.2	.9	1.2	1.5	2.4
Trenton .....	2.3	2.6	1.6	1.8	2.3	2.3	.8	.8	.8	.8
NEW YORK .....	3.7	3.8	1.9	2.1	2.8	3.0	.8	.9	1.3	1.3
Albany—Schenectady—Troy .....	2.0	2.9	1.1	1.6	2.2	1.9	.5	.6	1.0	.6
Binghamton .....	2.9	2.3	1.3	1.3	2.1	2.2	.9	.8	.5	.4
Buffalo .....	2.5	3.4	.7	1.0	1.9	2.4	.3	.4	1.0	1.4
Elmira .....	2.6	3.3	1.2	1.8	2.6	2.5	.4	.5	1.0	.9
Monroe County <sup>8</sup> .....	1.6	2.0	1.1	1.3	1.6	1.4	.5	.4	.6	.5
Nassau—Suffolk <sup>9</sup> .....	3.2	4.1	2.4	3.0	3.2	3.4	1.2	1.5	1.2	1.2
New York and Nassau—Suffolk .....	4.6	4.7	2.7	2.8	3.5	3.6	1.0	1.2	1.7	1.7
New York SMSA <sup>9</sup> .....	4.9	4.8	2.7	2.8	3.5	3.6	1.0	1.1	1.9	1.8
New York City <sup>10</sup> .....	5.3	5.1	2.9	2.9	3.7	3.8	1.0	1.1	2.1	1.9
Rochester .....	2.0	2.1	1.2	1.3	2.0	1.7	.5	.5	.8	.7
Syracuse .....	2.5	2.8	.9	1.5	1.9	2.1	.7	.7	.6	.8
Utica—Rome .....	3.0	3.1	1.3	1.6	2.1	2.5	.6	.7	1.0	1.2
Westchester County <sup>10</sup> .....	2.6	2.7	1.6	1.8	2.0	2.6	.8	.9	.4	1.1
NORTH CAROLINA .....	3.7	4.6	2.9	3.7	3.7	4.3	2.4	2.9	.5	.5
Charlotte—Gastonia .....	2.4	5.0	1.7	4.1	1.9	4.5	1.2	3.2	.3	.3
Greensboro—Winston-Salem—High Point .....	3.2	4.0	2.5	3.5	3.6	3.9	2.2	2.6	.5	.4
NORTH DAKOTA .....	2.6	(*)	2.0	(*)	3.6	(*)	1.8	(*)	1.0	(*)
Fargo—Moorhead .....	5.1	(*)	2.7	(*)	7.7	(*)	1.5	(*)	5.2	(*)
OHIO .....	2.8	3.4	1.0	1.4	2.7	2.4	.6	.7	1.4	.9
Akron .....	1.5	1.8	.6	.6	1.6	1.5	.3	.5	.8	.7
Canton .....	3.1	3.5	.7	.8	3.2	3.1	.5	.5	1.7	1.5
Cincinnati .....	2.3	3.1	1.1	2.0	2.0	2.2	.7	.8	.6	.7
Cleveland .....	2.8	2.8	1.2	1.5	2.0	2.2	.6	.8	.5	.7
Columbus .....	2.5	3.0	1.0	1.7	1.8	2.1	.6	.9	.5	.6
Dayton .....	2.9	3.5	1.5	1.8	2.4	2.3	.5	.6	.9	.6
Toledo .....	2.6	2.1	1.0	.9	2.4	2.3	.5	.7	1.2	.9
Youngstown—Warren .....	3.5	4.7	.4	.4	8.4	4.1	.3	.3	7.1	2.7
OKLAHOMA .....	5.0	5.3	4.2	4.6	4.7	4.8	3.0	3.3	.9	.6
Oklahoma City .....	4.6	4.2	3.7	3.3	4.2	4.6	2.6	3.1	.9	.7
Tulsa <sup>11</sup> .....	4.6	5.1	3.9	4.5	4.8	3.9	2.8	3.0	1.0	.9
OREGON <sup>1</sup> .....	4.7	5.4	3.0	3.8	4.3	4.4	1.6	2.0	1.9	1.6
Portland <sup>1</sup> .....	4.1	4.8	2.7	3.3	4.0	4.1	1.4	1.6	1.8	1.7
PENNSYLVANIA .....	3.1	3.5	1.2	1.4	3.0	3.2	.7	.8	1.6	1.7
Allentown—Bethlehem—Easton .....	2.6	2.7	1.3	1.1	3.1	3.2	.7	.7	1.9	1.9
Altoona .....	5.0	4.6	2.8	2.3	3.2	5.0	1.2	1.1	1.1	3.0
Erie .....	2.4	2.5	1.0	.9	3.2	3.1	.6	.8	1.7	1.5
Harrisburg .....	2.6	4.2	1.4	2.4	2.0	3.3	.8	1.7	.6	1.0
Johnstown .....	2.4	2.1	.5	1.1	1.5	2.9	.5	.6	.7	1.8
Lancaster .....	2.2	2.7	1.2	1.4	1.8	2.0	.9	.8	.5	.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	
	Feb. 1976	Mar. 1976 <sup>p</sup>	Feb. 1976	Mar. 1976 <sup>p</sup>	Feb. 1976	Mar. 1976 <sup>p</sup>	Feb. 1976	Mar. 1976 <sup>p</sup>	Feb. 1976	Mar. 1976 <sup>p</sup>
<b>PENNSYLVANIA—Continued</b>										
Northeast Pennsylvania .....	3.7	4.6	1.4	2.2	2.9	4.1	0.8	1.2	1.5	2.1
Philadelphia SMSA .....	3.0	3.0	1.4	1.6	2.5	2.4	.7	.8	1.1	1.0
Pittsburgh .....	3.4	3.4	.6	.7	3.3	2.7	.3	.4	2.0	1.5
Reading .....	2.7	3.4	1.7	1.8	2.4	4.4	.8	1.0	1.0	2.8
Scranton <sup>12</sup> .....	3.8	5.1	1.3	1.5	3.1	5.4	.6	1.2	2.0	3.7
Wilkes-Barre—Hazleton <sup>12</sup> .....	3.5	4.4	1.3	2.6	2.8	3.0	1.0	1.2	1.2	1.0
Williamsport .....	2.6	2.3	1.7	1.0	2.3	1.4	.8	.5	.8	.4
York .....	2.7	3.8	1.8	2.3	3.1	3.7	1.1	1.5	1.4	1.6
<b>RHODE ISLAND</b>										
Providence—Warwick—Pawtucket .....	4.9	5.5	3.4	3.9	3.9	4.7	1.9	2.2	1.1	1.5
<b>SOUTH CAROLINA:</b>										
Greenville—Spartanburg <sup>5</sup> .....	4.6	5.2	4.0	4.7	3.9	4.7	2.7	3.4	.1	.1
<b>SOUTH DAKOTA</b>										
Sioux Falls .....	3.9	5.4	3.0	4.5	3.6	4.6	1.7	2.6	1.2	1.3
Sioux Falls .....	1.3	2.5	1.2	2.8	3.0	4.0	1.2	1.4	1.4	2.1
<b>TENNESSEE:</b>										
Memphis .....	3.0	3.8	2.0	2.7	2.5	3.7	1.0	1.6	.5	1.1
<b>TEXAS:</b>										
Dallas—Fort Worth .....	3.9	4.8	3.4	4.2	3.4	4.2	2.1	2.7	.4	.5
Houston .....	3.4	3.9	3.1	3.6	3.1	3.8	2.0	2.6	.2	.3
San Antonio .....	4.1	4.7	3.7	4.3	3.1	4.2	2.1	2.5	.2	.8
<b>UTAH <sup>4</sup></b>										
Salt Lake City—Ogden <sup>4</sup> .....	3.7	5.3	2.8	4.4	3.5	4.4	2.0	2.7	.7	.8
Salt Lake City—Ogden <sup>4</sup> .....	3.4	4.2	3.2	3.8	3.3	4.3	2.0	2.9	.5	.5
<b>VERMONT</b>										
Burlington .....	2.6	2.9	1.8	1.8	1.9	2.1	.8	1.1	.7	.6
Burlington .....	1.2	1.3	.7	.5	.7	.6	.4	.3	.2	.1
Springfield .....	1.9	2.2	.9	1.0	2.4	2.5	.3	.4	1.6	1.8
<b>VIRGINIA</b>										
Richmond .....	3.4	3.4	2.2	2.6	2.8	3.1	1.4	1.6	.8	.7
Richmond .....	3.0	2.8	2.1	2.2	2.2	2.3	.8	1.3	.6	.2
<b>WASHINGTON:</b>										
Seattle—Everett <sup>13</sup> .....	3.9	4.0	1.8	2.4	3.2	3.7	.8	1.2	1.7	1.8
<b>WISCONSIN</b>										
Milwaukee .....	2.5	3.1	1.4	1.6	2.3	2.7	.7	.8	1.0	1.2
Milwaukee .....	2.3	2.9	1.3	1.6	2.4	2.6	.7	.7	.7	.9
<b>WYOMING</b>										
.....	3.1	3.6	2.5	2.9	7.1	3.5	2.3	2.4	3.7	.7

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

<sup>2</sup> Excludes agricultural chemicals, and miscellaneous manufacturing.

<sup>3</sup> Excludes canned fruits, vegetables, preserves, jams, and jellies.

<sup>4</sup> Excludes canning and preserving, and sugar.

<sup>5</sup> Based on the 1972 Standard Industrial Classification.

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

<sup>7</sup> Subarea of Philadelphia, Pennsylvania Standard Metropolitan Statistical Area.

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

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

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

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

<sup>12</sup> Subarea of Northeast Pennsylvania Standard Metropolitan Statistical Area.

<sup>13</sup> Excludes canning and preserving, printing and publishing.

<sup>p</sup> Not available.

<sup>p</sup> preliminary.

SOURCE: Cooperating State agencies listed on inside back cover.

E-1. Labor force and unemployment by State and selected areas

(Numbers in thousands)

State and area	Labor force		Unemployment			
			Number		Percent of labor force	
	MAR. 1976	APR. P 1976	MAR. 1976	APR. P 1976	MAR. 1976	APR. P 1976
<b>ALABAMA</b> .....	1,433.7	1,449.0	102.2	97.4	7.1	6.7
Birmingham .....	342.5	345.4	24.2	24.3	7.1	7.0
Huntsville .....	118.5	119.5	9.2	8.3	7.8	6.9
Mobile .....	156.4	157.4	9.6	9.0	6.1	5.7
Montgomery .....	101.0	101.4	5.3	5.1	5.2	5.0
Tuscaloosa .....	50.8	51.2	3.0	2.9	5.8	5.7
<b>ALASKA</b> .....	195.9	206.4	22.1	20.8	11.3	10.1
<b>ARIZONA</b> .....	880.8	876.4	77.4	70.0	8.8	8.0
Phoenix .....	515.7	511.8	46.9	42.4	9.1	8.3
Tucson .....	169.4	168.5	12.1	10.9	7.2	6.5
<b>ARKANSAS</b> .....	835.2	839.4	56.4	50.3	6.7	6.0
Fayetteville-Springdale .....	61.3	60.8	3.8	2.9	6.1	4.7
Fort Smith <sup>1</sup> .....	72.3	72.3	5.2	4.6	7.2	6.3
Little Rock-North Little Rock .....	157.5	158.0	8.4	7.7	5.3	4.9
Pine Bluff .....	31.3	31.3	2.3	2.1	7.5	6.7
<b>CALIFORNIA</b> .....	9,436.2	9,446.8	982.4	931.4	10.4	9.9
Anaheim-Santa Ana-Garden Grove .....	799.9	807.7	58.3	54.6	7.3	6.8
Bakersfield .....	141.4	146.4	13.7	14.3	9.7	9.8
Fresno .....	203.2	205.0	21.3	19.4	10.5	9.5
Los Angeles-Long Beach .....	3,250.7	3,240.8	313.7	300.6	9.7	9.3
Modesto .....	105.4	105.4	18.4	17.6	17.5	16.7
Oxnard-Simi Valley-Ventura .....	172.6	174.6	16.6	14.8	9.6	8.5
Riverside-San Bernardino-Ontario .....	496.7	491.6	52.1	47.2	10.5	9.6
Sacramento .....	373.3	376.6	38.8	37.1	10.4	9.9
Salinas-Seaside-Monterey .....	98.7	100.0	11.2	9.4	11.3	9.4
San Diego .....	627.6	624.9	74.4	70.5	11.9	11.3
San Francisco-Oakland .....	1,468.9	1,468.9	167.9	166.0	11.4	11.3
San Jose .....	588.1	586.1	54.9	50.8	9.3	8.7
Santa Barbara-Santa Maria-Lompoc .....	117.3	117.7	9.5	8.9	8.1	7.6
Santa Rosa .....	99.2	98.6	13.0	11.8	13.1	12.0
Stockton .....	132.7	134.1	17.4	15.1	13.1	11.3
Vallejo-Fairfield-Napa .....	100.4	101.6	7.6	7.3	7.6	7.2
<b>COLORADO</b> .....	1,137.3	N.A.	77.0	N.A.	6.8	N.A.
Denver-Boulder .....	679.6	N.A.	50.0	N.A.	7.4	N.A.
<b>CONNECTICUT</b> .....	1,438.1	1,461.4	144.9	139.7	10.1	9.6
Bridgeport .....	181.7	183.6	20.9	20.5	11.5	11.2
Hartford .....	963.1	961.4	78.6	69.2	8.2	7.2
New Britain .....	69.9	70.2	8.1	7.9	11.6	11.2
New Haven-West Haven .....	193.3	196.7	20.3	19.8	10.5	10.1
Stamford .....	103.1	105.5	7.6	7.5	7.4	7.1
Waterbury .....	105.0	106.1	12.1	11.8	11.5	11.1
<b>DELAWARE</b> .....	247.4	247.3	19.1	17.5	7.7	7.1
Wilmington <sup>1</sup> .....	223.9	224.6	17.8	17.0	7.9	7.6
<b>DISTRICT OF COLUMBIA</b> .....	341.9	341.7	26.9	25.4	7.9	7.4
Washington SMSA <sup>1</sup> .....	1,437.7	1,438.8	81.8	77.2	5.7	5.4
<b>FLORIDA</b> .....	3,491.1	3,450.0	370.1	347.8	10.6	10.1
Fort Lauderdale-Hollywood .....	345.8	338.2	46.6	45.7	13.5	13.5
Jacksonville .....	287.7	286.8	19.7	19.1	6.8	6.7
Miami .....	695.7	686.7	78.3	73.2	11.3	10.7
Orlando .....	265.3	263.5	29.0	26.7	10.9	10.1
Pensacola .....	101.8	101.3	6.2	5.9	6.1	5.8
Tampa-St. Petersburg .....	533.2	526.4	59.2	55.2	11.1	10.5
West Palm Beach-Boca Raton .....	194.7	187.3	23.6	21.9	12.1	11.7
<b>GEORGIA</b> .....	2,084.1	2,074.6	151.3	136.2	7.3	6.6
Atlanta .....	799.8	790.3	65.2	58.6	8.1	7.4
Augusta <sup>1</sup> .....	116.1	115.5	8.5	7.5	7.3	6.5
Columbus <sup>1</sup> .....	84.6	84.8	5.8	5.6	6.8	6.6
Macon .....	97.4	97.1	7.3	6.7	7.5	6.9
Savannah .....	78.5	78.4	5.5	4.9	7.0	6.3

See footnotes at end of table.

## E-1. Labor force and unemployment by State and selected areas—Continued

(Numbers in thousands)

State and area	Labor force		Unemployment			
			Number		Percent of labor force	
	MAR. 1976	APR. P 1976	MAR. 1976	APR. P 1976	MAR. 1976	APR. 1976
HAWAII .....	363.9	363.7	32.6	30.8	9.0	8.5
Honolulu .....	292.4	292.0	25.4	24.0	8.7	8.2
IDAHO .....	354.6	357.7	27.4	24.0	7.7	6.7
Boise City .....	71.1	71.3	3.2	2.7	4.5	3.8
ILLINOIS .....	4,969.6	4,980.9	393.7	357.6	7.9	7.2
Bloomington—Normal .....	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
Champaign—Urbana—Rantoul .....	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
Chicago .....	3,137.5	3,104.7	252.9	215.3	8.1	6.9
Davenport—Rock Island—Moline <sup>1</sup> .....	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
Decatur .....	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
Peoria .....	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
Rockford .....	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
Springfield .....	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
INDIANA .....	2,343.8	2,350.1	159.3	137.9	6.8	5.9
Evansville <sup>1</sup> .....	121.6	121.7	6.6	5.6	5.4	4.6
Fort Wayne .....	170.2	170.9	12.8	11.2	7.5	6.6
Gary—Hammond—East Chicago .....	269.4	270.4	19.1	17.6	7.1	6.5
Indianapolis .....	525.2	521.6	31.7	25.7	6.0	4.9
Muncie .....	53.8	54.2	4.1	3.7	7.7	6.8
South Bend .....	130.0	129.8	8.0	6.6	6.1	5.1
Terre Haute .....	76.5	76.1	5.0	4.4	6.5	5.8
IOWA .....	1,289.7	1,312.6	79.5	65.1	6.2	5.0
Cedar Rapids .....	76.6	77.1	4.6	3.9	6.1	5.1
Des Moines .....	159.3	158.8	10.2	8.6	6.4	5.4
Dubuque .....	1,430.1	1,435.5	98.8	97.1	6.9	6.8
Sioux City <sup>1</sup> .....	54.3	54.5	3.0	2.5	5.6	4.6
Waterloo—Cedar Falls .....	60.1	61.0	4.9	4.6	8.2	7.6
KANSAS .....	1,049.7	1,058.2	43.9	39.1	4.2	3.7
Topeka .....	83.1	82.9	3.8	3.1	4.6	3.8
Wichita .....	184.9	184.1	10.2	8.8	5.5	4.8
KENTUCKY .....	1,396.1	1,391.9	103.7	82.1	7.4	5.9
Lexington—Fayette .....	141.3	141.5	5.7	4.5	4.0	3.2
Louisville <sup>1</sup> .....	378.4	383.0	33.0	30.0	8.7	7.8
LOUISIANA .....	1,430.1	1,435.5	98.8	97.1	6.9	6.8
Baton Rouge .....	174.6	174.4	9.2	9.2	5.3	5.3
Lake Charles .....	57.2	56.6	4.8	4.3	8.3	7.6
Monroe .....	48.0	48.7	3.7	3.5	7.6	7.2
New Orleans .....	430.1	431.1	30.3	31.3	7.1	7.3
Shreveport .....	138.0	138.7	9.8	9.8	7.1	7.1
MAINE .....	425.3	426.4	40.3	37.1	9.5	8.7
Lewiston—Auburn .....	32.8	33.3	2.6	2.6	7.9	7.8
Portland .....	76.1	75.8	6.0	5.0	7.9	6.6
MARYLAND .....	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
Baltimore .....	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
MASSACHUSETTS .....	2,693.6	2,686.5	264.4	233.9	9.8	8.7
Boston .....	1,312.8	1,311.6	120.9	111.6	9.2	8.5
Brockton .....	76.1	75.9	7.7	6.9	10.1	9.1
Fall River <sup>1</sup> .....	72.0	71.3	7.2	6.2	10.0	8.7
Lawrence—Haverhill <sup>1</sup> .....	129.6	128.6	15.9	13.8	12.3	10.7
Lowell <sup>1</sup> .....	104.1	102.5	11.1	8.9	10.7	8.7
New Bedford .....	77.3	76.2	8.7	7.0	11.3	9.2
Springfield—Chicopee—Holyoke <sup>1</sup> .....	266.0	266.1	24.7	21.9	9.3	8.2
Worcester .....	185.7	183.8	18.5	15.6	10.0	8.5
MICHIGAN .....	3,849.7	3,845.4	438.7	392.0	11.4	10.2
Ann Arbor .....	124.8	123.5	11.9	10.2	9.6	8.3
Battle Creek .....	80.4	80.4	9.1	7.9	11.4	9.8
Bay City .....	49.7	49.9	5.5	4.8	11.1	9.7
Detroit .....	1,819.7	1,815.5	208.4	188.5	11.5	10.4
Flint .....	203.9	202.3	23.0	20.4	11.3	10.1

See footnotes at end of table.

STATE AND AREA UNEMPLOYMENT DATA 112

E-1. Labor force and unemployment by State and selected areas—Continued

(Numbers in thousands)

State and area	Labor force		Unemployment			
			Number		Percent of labor force	
	MAR. 1976	APR. P 1976	MAR. 1976	APR. P 1976	MAR. 1976	APR. P 1976
<b>MICHIGAN—Continued</b>						
Grand Rapids	257.8	259.7	23.2	20.6	9.0	7.9
Jackson	64.2	63.9	7.5	6.5	11.7	10.2
Kalamazoo—Portage	124.5	124.3	10.4	9.2	8.4	7.4
Lansing—East Lansing	207.1	207.3	19.4	17.6	9.4	8.5
Muskegon—Norton Shores—Muskegon Heights	74.7	75.0	8.4	7.7	11.3	10.2
Saginaw	96.1	96.4	9.7	8.7	10.1	9.0
<b>MINNESOTA</b>	1,792.0	1,830.9	123.5	108.9	6.9	6.0
Duluth—Superior	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
Minneapolis—St. Paul	969.2	976.9	65.6	61.3	6.8	6.3
<b>MISSISSIPPI</b>	897.4	893.9	54.1	46.0	6.0	5.2
Jackson	125.2	124.0	6.2	4.9	5.0	4.0
<b>MISSOURI</b>	2,057.0	2,077.4	124.5	107.7	6.1	5.2
Kansas City <sup>1</sup>	605.2	607.7	40.3	38.1	6.7	6.3
St. Joseph	42.8	43.0	2.2	1.9	5.3	4.5
St. Louis <sup>1</sup>	1,015.2	1,010.5	74.7	66.7	7.4	6.6
Springfield	87.1	88.4	4.0	3.4	4.6	3.9
<b>MONTANA</b>	323.8	322.7	28.4	23.0	8.8	7.1
Billings	46.6	46.9	3.1	2.6	6.8	5.4
Great Falls	32.2	32.5	2.8	2.3	8.6	7.0
<b>NEBRASKA</b>	695.0	700.9	45.4	31.7	6.5	4.5
Lincoln	98.0	96.4	5.7	3.1	5.8	3.2
Omaha <sup>1</sup>	251.7	249.9	23.3	18.6	9.3	7.4
<b>NEVADA</b>	287.4	290.5	27.6	25.0	9.6	8.6
Las Vegas	153.5	155.6	15.6	14.8	10.2	9.5
Reno	79.7	80.5	6.4	5.5	8.0	6.9
<b>NEW HAMPSHIRE</b>	353.6	358.5	19.1	18.7	5.4	5.2
Manchester	60.3	60.4	3.5	2.8	5.8	4.6
<b>NEW JERSEY</b>	3,181.6	3,201.4	329.8	317.4	10.4	9.9
Atlantic City	71.2	72.3	9.8	9.0	13.8	12.5
Jersey City	253.7	253.8	32.3	32.4	12.7	12.8
Long Branch—Asbury Park	195.8	197.3	18.7	17.9	9.5	9.1
Newark	885.8	886.9	90.2	85.8	10.2	9.7
New Brunswick—Perth Amboy—Sayreville	277.4	280.2	27.0	26.9	9.7	9.6
Paterson—Clifton—Passaic	197.9	201.3	23.2	24.5	11.7	12.2
Trenton	147.4	150.8	10.6	10.9	7.2	7.2
Vineland—Millville—Bridgeton	52.8	53.1	6.3	6.2	11.9	11.6
<b>NEW MEXICO</b>	437.6	441.3	32.3	28.7	7.4	6.5
Albuquerque	162.4	164.6	12.9	11.5	8.0	7.0
<b>NEW YORK</b>	7,505.5	7,521.7	742.9	715.6	9.9	9.5
Albany—Schenectady—Troy	344.1	345.7	28.7	26.5	8.3	7.7
Binghamton <sup>1</sup>	124.2	124.6	10.0	9.3	8.1	7.5
Buffalo	559.1	557.5	67.8	61.0	12.1	10.9
Elmira	40.8	40.5	3.7	3.3	9.0	8.1
Nassau—Suffolk	1,112.2	1,120.7	86.5	82.4	7.8	7.3
New York	3,535.2	3,537.1	361.2	362.8	10.2	10.3
Poughkeepsie	95.7	95.9	6.6	6.1	6.9	6.3
Rochester	449.4	449.1	37.8	35.2	8.4	7.8
Syracuse	278.8	280.8	27.8	25.9	10.0	9.2
Utica—Rome	124.9	125.1	14.7	13.7	11.8	10.9
<b>NORTH CAROLINA</b>	2,445.3	2,454.2	161.0	146.1	6.6	6.0
Asheville	75.1	75.2	5.2	4.7	6.9	6.3
Charlotte—Gastonia	300.3	299.0	18.4	16.6	6.1	5.6
Greensboro—Winston-Salem—High Point	375.2	375.5	22.9	20.9	6.1	5.6
Raleigh—Durham	238.1	239.1	11.3	10.1	4.7	4.2
<b>NORTH DAKOTA</b>	276.8	285.7	18.2	16.3	6.6	5.7
Fargo—Moorhead <sup>1</sup>	63.3	64.0	3.4	3.2	5.3	5.0

See footnotes at end of table.

113 STATE AND AREA UNEMPLOYMENT DATA

E-1. Labor force and unemployment by State and selected areas—Continued

(Numbers in thousands)

State and area	Labor force		Unemployment			
			Number		Percent of labor force	
	MAR 1976	APR P 1976	MAR 1976	APR P 1976	MAR 1976	APR P 1976
<b>OHIO</b> .....	4,664.9	4,673.3	384.4	344.3	8.2	7.4
Akron .....	285.3	286.0	26.9	23.7	9.4	8.3
Canton .....	175.9	176.9	17.3	15.8	9.9	8.9
Cincinnati <sup>1</sup> .....	596.0	597.8	47.9	44.2	8.0	7.4
Cleveland .....	877.6	878.4	63.6	57.2	7.3	6.5
Columbus .....	495.5	497.8	37.3	33.2	7.5	6.7
Dayton .....	352.5	354.0	25.2	22.7	7.2	6.4
Toledo <sup>1</sup> .....	334.7	335.2	27.8	23.8	8.3	7.1
Youngstown—Warren .....	232.3	232.7	23.2	22.8	10.0	9.8
<b>KLAHOMA</b> .....	1,165.4	1,169.3	89.4	86.9	7.7	7.4
Oklahoma City .....	356.3	357.0	27.5	27.3	7.7	7.6
Tulsa .....	269.9	270.9	19.2	18.9	7.1	7.0
<b>OREGON</b> .....	1,045.5	1,046.4	112.2	103.7	10.7	9.9
Eugene—Springfield .....	109.9	109.9	12.9	12.3	11.8	11.2
Portland <sup>1</sup> .....	511.4	510.1	48.9	46.3	9.6	9.1
Salem .....	91.3	N.A.	9.1	N.A.	10.0	N.A.
<b>PENNSYLVANIA</b> .....	5,040.6	5,039.9	446.1	393.7	8.8	7.8
Allentown—Bethlehem—Easton <sup>1</sup> .....	294.4	293.5	27.0	23.3	9.2	8.0
Altoona .....	54.4	54.9	4.4	4.1	8.0	7.5
Erie .....	122.3	122.4	14.8	13.7	12.1	11.2
Harrisburg .....	206.4	208.7	12.8	11.4	6.2	5.5
Johnstown .....	103.3	105.0	7.9	7.5	7.6	7.1
Lancaster .....	160.4	162.1	10.7	9.6	6.7	5.9
Northeast Pennsylvania .....	270.7	269.7	30.6	26.0	11.3	9.6
Philadelphia <sup>1</sup> .....	2,016.1	2,009.2	177.3	160.2	8.8	8.0
Pittsburgh .....	963.1	961.4	78.6	69.2	8.2	7.2
Reading .....	145.6	145.5	10.8	9.6	7.4	6.6
Williamsport .....	49.5	49.5	5.7	4.8	11.5	9.6
York .....	151.8	151.9	12.6	11.3	8.3	7.4
<b>RHODE ISLAND</b> .....	409.2	407.8	48.3	43.2	11.8	10.6
Providence—Warwick—Pawtucket <sup>1</sup> .....	414.7	412.0	48.4	42.9	11.7	10.4
<b>SOUTH CAROLINA</b> .....	1,172.6	1,175.2	78.0	65.2	6.6	5.5
Charleston—North Charleston .....	126.5	126.6	8.3	7.3	6.6	5.7
Columbia .....	146.2	145.5	8.7	6.9	5.9	4.8
Greenville—Spartanburg .....	232.1	230.6	13.9	11.1	6.0	4.8
<b>SOUTH DAKOTA</b> .....	299.2	306.3	15.4	12.0	5.2	3.9
Sioux Falls .....	49.8	50.5	2.3	1.8	4.7	3.5
<b>TENNESSEE</b> .....	1,798.2	1,802.9	129.4	120.2	7.2	6.7
Chattanooga <sup>1</sup> .....	178.3	178.3	9.4	9.2	5.3	5.1
Knoxville .....	189.4	188.5	11.8	11.4	6.2	6.1
Memphis <sup>1</sup> .....	350.8	348.8	25.3	23.8	7.2	6.8
Nashville—Davidson .....	339.6	333.0	21.9	19.2	6.5	5.8
<b>TEXAS</b> .....	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
Amarillo .....	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
Austin .....	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
Beaumont—Port Arthur—Orange .....	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
Corpus Christi .....	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
Dallas—Fort Worth .....	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
El Paso .....	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
Galveston—Texas City .....	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
Houston .....	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
Lubbock .....	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
San Antonio .....	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
Waco .....	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
Wichita Falls .....	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
<b>UTAH</b> .....	510.8	525.5	34.5	32.6	6.8	6.2
Salt Lake City—Ogden .....	338.7	347.3	22.1	21.5	6.5	6.2
<b>VERMONT</b> .....	201.6	199.4	20.8	19.7	10.3	9.9

See footnotes at end of table.

STATE AND AREA UNEMPLOYMENT DATA 114

E-1. Labor force and unemployment by State and selected areas—Continued

(Numbers in thousands)

State and area	Labor force		Unemployment			
			Number		Percent of labor force	
	MAR. 1976	APR. P 1976	MAR. 1976	APR. P 1976	MAR. 1976	APR. P 1976
<b>VIRGINIA</b> .....	2,236.9	2,239.5	133.1	118.1	5.9	5.3
Lynchburg .....	67.5	67.2	3.7	3.1	5.5	4.6
Newport News—Hampton .....	146.7	148.6	9.1	8.1	6.2	5.5
Norfolk—Virginia Beach—Portsmouth <sup>1</sup> .....	295.6	294.9	20.1	16.7	6.8	5.7
Richmond .....	290.5	290.4	11.7	10.7	4.0	3.7
Roanoke .....	107.0	107.0	6.4	5.5	6.0	5.1
<b>WASHINGTON</b> .....	1,525.9	1,536.7	154.2	143.9	10.1	9.4
Seattle—Everett .....	665.4	669.2	62.7	59.8	9.4	8.9
Spokane .....	124.5	125.3	11.4	10.2	9.1	8.2
Tacoma .....	153.6	153.9	17.8	17.0	11.6	11.1
<b>WEST VIRGINIA</b> .....	645.0	647.2	43.4	37.5	6.7	5.8
Charleston .....	105.9	106.0	5.4	4.5	5.1	4.2
Huntington—Ashland <sup>1</sup> .....	106.4	106.7	6.2	6.0	5.8	5.7
Parkersburg—Marietta <sup>1</sup> .....	60.6	60.4	5.6	4.9	9.3	8.1
Wheeling <sup>1</sup> .....	73.0	72.5	4.9	4.6	6.8	6.4
<b>WISCONSIN</b> .....	2,087.2	2,105.4	146.0	126.8	7.0	6.0
Appleton—Oshkosh .....	133.6	135.1	8.4	7.2	6.3	5.3
Green Bay .....	81.3	82.6	5.7	5.4	7.0	6.5
Kenosha .....	61.7	61.6	4.2	4.0	6.9	6.5
La Crosse .....	40.6	41.0	2.7	2.4	6.7	5.8
Madison .....	162.5	164.0	7.8	6.7	4.8	4.1
Milwaukee .....	644.3	646.0	42.3	37.5	6.6	5.8
Racine .....	84.3	85.2	5.5	5.2	6.5	6.1
<b>WYOMING</b> .....	171.0	178.3	8.2	7.5	4.8	4.2

<sup>1</sup> Includes interstate portion of Area located in adjacent State(s).

p=preliminary.

N.A.=not available.

NOTE: All data are provisional. They are subject to revision as new benchmark information becomes available. Data refer to place of residence.

SOURCE: Cooperating State Employment Security Agencies listed on the inside back cover.



## F-1. Insured unemployment under State programs

[Week including the 12th of the month]

State	Number (in thousands)					Rate (percent of average covered employment)		
	May 1975	April 1976	May 1976	Change from <sup>1</sup>		May 1975	April 1976	May 1976
				May 1975	April 1976			
TOTAL <sup>2, 3</sup>	4,338.8	3,053.5	2,775.8	-1563.0	-277.7	6.5	4.7	4.2
SEASONALLY ADJUSTED	4,482.2	2,723.2	2,845.6	-1636.6	122.4	6.7	4.2	4.3
Alabama	63.8	39.9	38.4	-25.4	-1.6	6.9	4.4	4.2
Alaska	6.5	10.5	10.5	3.9	-0.1	8.0	9.4	9.3
Arizona	46.6	29.5	26.1	-20.6	-3.4	7.5	4.9	4.4
Arkansas	45.7	25.4	22.0	-23.6	-3.4	8.5	4.9	4.2
California	473.2	383.4	368.9	-104.3	-14.5	7.2	5.9	5.6
Colorado	22.5	21.6	18.2	-4.3	-3.4	3.0	2.9	2.4
Connecticut	86.0	73.2	65.9	-20.1	-7.3	7.1	6.1	5.5
Delaware	12.9	7.8	8.4	-4.5	0.6	6.0	3.7	4.0
District of Columbia	13.6	11.2	10.9	-2.8	-0.3	3.8	3.1	3.0
Florida	134.1	97.1	92.1	-42.1	-5.0	5.3	3.6	3.4
Georgia	93.8	51.8	47.4	-46.4	-4.3	6.3	3.7	3.4
Hawaii	13.6	17.2	16.7	3.1	-0.5	4.4	5.4	5.3
Idaho	10.4	11.3	9.0	-1.3	-2.3	4.9	5.2	4.1
Illinois	239.5	191.5	174.7	-64.8	-16.8	6.2	5.1	4.6
Indiana	106.6	44.4	35.5	-71.0	-8.8	6.2	2.7	2.2
Iowa	29.9	27.2	22.6	-7.3	-4.6	3.7	3.4	2.8
Kansas	20.7	16.5	15.1	-5.7	-1.4	3.4	2.7	2.4
Kentucky	59.0	35.3	29.4	-29.6	-5.9	6.9	4.2	3.5
Louisiana	61.6	39.0	38.0	-23.5	-1.0	6.2	3.8	3.7
Maine	23.5	18.2	14.4	-9.1	-3.7	8.1	6.4	5.1
Maryland	72.7	46.7	39.8	-32.9	-6.9	6.3	4.1	3.5
Massachusetts	166.4	111.3	100.9	-65.5	-10.3	8.2	5.7	5.2
Michigan	248.3	162.3	144.3	-104.1	-18.0	8.9	5.8	5.2
Minnesota	62.2	56.6	40.3	-21.9	-16.3	4.7	4.1	2.9
Mississippi	34.1	16.0	15.9	-18.2	-0.1	6.2	3.0	3.0
Missouri	98.0	55.6	49.3	-48.7	-6.3	6.7	3.9	3.5
Montana	10.3	10.7	8.3	-2.0	-2.4	6.1	5.9	4.6
Nebraska	14.7	10.9	8.9	-5.8	-2.0	3.4	2.5	2.0
Nevada	13.4	12.8	11.8	-1.6	-1.0	6.4	5.9	5.5
New Hampshire	18.5	10.5	8.7	-9.8	-1.8	7.0	4.2	3.5
New Jersey	206.6	154.2	137.5	-69.1	-16.7	8.9	7.0	6.3
New Mexico	15.9	13.0	11.7	-4.2	-1.3	6.2	4.9	4.4
New York	412.1	325.1	305.6	-106.6	-19.5	6.9	5.7	5.3
North Carolina	123.2	55.0	52.7	-70.6	-2.3	7.0	3.3	3.2
North Dakota	4.9	5.1	3.6	-1.3	-1.5	3.7	3.5	2.4
Ohio	210.4	114.6	101.9	-108.6	-12.7	5.6	3.1	2.7
Oklahoma	29.3	25.6	24.4	-4.9	-1.2	4.1	3.7	3.5
Oregon	53.2	48.2	40.3	-12.9	-7.9	7.2	6.3	5.3
Pennsylvania	307.8	222.2	210.0	-97.8	-12.2	7.9	5.9	5.6
Puerto Rico <sup>2</sup>	68.7	59.4	57.6	-11.2	-1.8	13.9	12.5	12.1
Rhode Island	30.3	18.8	15.8	-14.5	-3.0	9.3	6.1	5.1
South Carolina	72.1	28.1	27.5	-44.5	-0.6	8.7	3.6	3.5
South Dakota	4.6	3.6	3.3	-1.3	-0.4	3.0	2.4	2.2
Tennessee	93.6	53.7	47.2	-46.5	-6.5	7.2	4.4	3.8
Texas	89.1	58.2	56.5	-32.6	-1.7	2.5	1.6	1.5
Utah	17.5	13.8	11.9	-5.6	-2.0	5.3	4.1	3.5
Vermont	10.9	9.3	7.9	-3.0	-1.3	8.2	7.1	6.1
Virginia	79.8	30.4	28.3	-51.5	-2.0	5.8	2.2	2.1
Washington	83.0	82.3	68.1	-14.9	-14.3	8.6	8.3	6.9
West Virginia	27.0	20.7	18.3	-8.7	-2.4	5.9	4.6	4.1
Wisconsin	94.0	64.0	51.3	-42.7	-12.7	6.2	4.1	3.3
Wyoming	2.4	2.8	2.1	-0.3	-0.7	2.4	2.6	1.9

<sup>1</sup> Based on unrounded data; changes of less than 50 not shown.<sup>2</sup> Include data under the program for Puerto Rico's sugarcane workers. Rates exclude the sugarcane workers as comparable covered employment data are not yet available.<sup>3</sup> Figures do not include claimants receiving benefits under extended benefit provisions.

UNEMPLOYMENT INSURANCE DATA

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

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

State and area	May 1975	May 1976	State and area	May 1975	May 1976	State and area	May 1975	May 1976	State and area	May 1975	May 1976
<b>ALABAMA</b>			<b>INDIANA—</b>			<b>NEW JERSEY</b>			<b>PENNSYLVANIA—</b>		
Birmingham .....	13.0	10.0	Continued			Atlantic City .....	5.6	4.2	Continued		
Mobile .....	5.4	4.4				Jersey City .....	20.1	15.8			
<b>ARIZONA</b>			Gary-Hammond—			Newark .....	55.2	37.0	<b>Northeast</b>		
Phoenix .....	32.6	15.6	East Chicago .....	11.5	4.8	New Brunswick—			Pennsylvania .....	26.0	18.0
<b>ARKANSAS</b>			Indianapolis .....	15.4	7.0	Perth Amboy .....			Philadelphia .....	129.1	86.9
Little Rock—			South Bend .....	4.6	1.7	Sayreville .....	18.1	10.9	Pittsburgh .....	41.3	33.4
North Little			Terre Haute .....	2.6	1.7	Paterson—Clifton—			Reading .....	8.6	5.7
Rock .....	7.3	3.1	<b>IOWA</b>			Passaic .....	16.0	10.9	York .....	9.7	5.7
<b>CALIFORNIA</b>			Cedar Rapids .....	1.8	1.4	Trenton .....	6.4	4.4	<b>PUERTO RICO</b>		
Anaheim—S. Ana—			Des Moines .....	4.0	3.3	<b>NEW MEXICO</b>			Mayaguez .....	2.3	2.0
Garden Grove .....	37.3	24.6	<b>KANSAS</b>			Albuquerque .....	6.9	5.5	Ponce .....	3.9	4.7
Fresno .....	10.4	8.5	Wichita .....	5.3	4.2	<b>NEW YORK</b>			San Juan .....	13.4	13.8
Los Angeles—Long			<b>KENTUCKY</b>			Albany—			<b>RHODE ISLAND</b>		
Beach .....	169.3	126.5	Louisville .....	22.0	8.8	Schenectady—			Providence—		
Riverside—San			<b>LOUISIANA</b>			Troy .....	15.3	10.6	Warwick—		
Bernardino—			Baton Rouge .....	5.3	4.5	Binghamton .....	4.9	3.1	Pawtucket .....	34.6	16.3
Ontario .....	24.3	17.7	New Orleans .....	12.2	12.0	Buffalo .....	34.7	21.7	<b>SOUTH CAROLINA</b>		
Sacramento .....	18.0	16.9	Shreveport .....	4.8	4.2	New York City			Charleston .....	5.4	2.8
San Diego .....	32.0	28.4	<b>MAINE</b>			Combined Areas...	261.4	210.3	Greenville—		
San Francisco—			Portland .....	2.6	1.6	(a) N.Y. City			Spartanburg .....	15.4	4.9
Oakland .....	73.4	59.0	<b>MARYLAND</b>			plus Rockland,			<b>TENNESSEE</b>		
San Jose .....	30.4	21.8	Baltimore .....	46.8	23.2	Putnam, and			Chattanooga .....	8.0	4.2
Stockton .....	8.1	7.9	<b>MASSACHUSETTS</b>			Westchester Cos.	209.1	166.7	Knoxville .....	8.5	4.8
<b>COLORADO</b>			Boston .....	67.4	48.9	(b) Nassau—			Memphis .....	17.0	12.4
Denver—Boulder ..	13.2	10.2	Brocton .....	5.2	2.8	Suffolk .....	52.3	43.6	Nashville—		
<b>CONNECTICUT</b>			Fall River .....	7.7	3.5	Syracuse .....	23.6	14.4	Davidson .....	13.7	7.7
Bridgeport .....	13.4	10.2	Lawrence—			Utica—Rome .....	16.4	9.1	<b>TEXAS</b>		
Hartford .....	15.1	15.1	Haverhill .....	9.0	6.1	Austin .....			Beaumont—	2.6	1.7
New Britain .....	4.6	3.6	Lowell .....	7.0	3.5	Port Arthur—			Orange .....	4.4	2.6
New Haven—			New Bedford .....	7.4	3.4	Corpus Christi .....			Dallas .....	2.5	1.3
West Haven .....	10.2	9.1	Springfield—			Dallas .....	18.9	5.7	El Paso .....	18.3	9.5
Stamford .....	3.9	5.5	Chicopee—			Greensboro—			Fort Worth .....	5.2	3.7
Waterbury .....	8.1	3.1	Holyoke .....	15.8	10.1	Winston-Salem—			Houston .....	7.3	4.9
<b>DELAWARE</b>			Worcester .....	9.0	6.4	High Point .....	15.8	7.3	San Antonio .....	9.9	8.3
Wilmington .....	11.7	7.8	<b>MICHIGAN</b>			Raleigh—Durham ..	4.8	3.0	<b>UTAH</b>		
<b>DIST. OF COL.</b>			Battle Creek .....	5.9	3.7	<b>OHIO</b>			Salt Lake City—		
Washington .....	30.3	19.1	Detroit .....	120.2	69.9	Akron .....	8.9	7.6	Ogden .....	9.2	6.8
<b>FLORIDA</b>			Flint .....	16.3	8.1	Canton .....	8.2	5.5	<b>VIRGINIA</b>		
Jacksonville .....	6.0	4.8	Grand Rapids .....	15.7	7.6	Cincinnati .....	18.2	11.4	Newport News—		
Miami .....	34.1	19.8	Kalamazoo—			Cleveland .....	34.0	18.5	Hampton .....	4.1	2.3
Tampa—St.			Portage .....	6.1	3.7	Columbus .....	16.6	10.6	Norfolk—		
Petersburg .....	19.7	18.1	Lansing—East			Dayton .....	16.5	7.1	Virginia Beach—		
<b>GEORGIA</b>			Lansing .....	12.4	5.7	Hamilton—			Portsmouth .....	6.3	4.9
Atlanta .....	32.0	17.6	Muskegon—			Middletown .....	7.6	3.1	Richmond .....	7.1	3.0
Augusta .....	5.7	3.5	Heights .....	6.5	3.5	Lorain—			Roanoke .....	4.4	1.6
Columbus .....	4.1	2.7	Saginaw .....	5.6	3.5	Elyria .....	4.5	2.1	<b>WASHINGTON</b>		
Macon .....	3.9	2.7	<b>MINNESOTA</b>			Steubenville—			Seattle .....	34.5	30.8
Savannah .....	3.9	2.1	Duluth—			Weirton .....	2.5	1.0	Spokane .....	7.5	5.4
<b>HAWAII</b>			Superior .....	3.5	2.6	Toledo .....	13.6	7.8	Tacoma .....	9.4	8.0
Honolulu .....	11.7	14.1	Minneapolis—			Youngstown—			<b>WEST VIRGINIA</b>		
<b>ILLINOIS</b>			St. Paul .....	35.3	20.8	Warren .....	14.2	7.8	Charleston .....	3.1	2.1
Chicago .....	138.3	109.6	<b>MISSISSIPPI</b>			<b>OKLAHOMA</b>			Huntington—		
Davenport—Rock			Jackson .....	2.6	1.5	Oklahoma City .....	8.9	6.7	Ashland .....	4.2	3.1
Island—			<b>MISSOURI</b>			Tulsa .....	5.5	5.7	Wheeling .....	4.8	2.5
Moline .....	4.3	4.3	Kansas City .....	24.5	13.4	<b>OREGON</b>			<b>WISCONSIN</b>		
Peoria .....	3.7	4.0	St. Louis .....	54.5	30.9	Portland .....	25.9	18.9	Kenosha .....	2.0	2.2
Rockford .....	7.2	5.8	<b>NEBRASKA</b>			<b>PENNSYLVANIA</b>			Madison .....	6.0	4.0
<b>INDIANA</b>			Omaha .....	8.5	5.9	Allentown—			Milwaukee .....	33.9	14.4
Evansville .....	4.9	1.6	<b>NEW HAMPSHIRE</b>			Bethlehem—			Racine .....	3.1	2.4
Ft. Wayne .....	11.2	2.8	Manchester .....	3.7	1.9	Easton .....	17.8	13.6			

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

<sup>2</sup> For full name of labor area and definition of area, see Area Trends in Employment and Unemployment published by the Employment and Training Administration.

# **Explanatory Notes**

**Introduction**

**Household Data (A tables)**

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

**State and Area Unemployment Data (E table)**

**Unemployment Insurance Data (F tables)**

**Seasonal Adjustment**

# Introduction

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

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

*Data based on establishment records* are compiled each month from mail questionnaires by the Bureau of Labor Statistics, in cooperation with State agencies. The establishment surveys are **designed** to provide detailed industry information on nonagricultural wage and salary employment, average weekly hours, average hourly and weekly earnings, 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-Armed Forces personnel, and railroad workers. These statistics are published by the Employment and Training 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 Employment and Training 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 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 aggregate hours lost to the economy through unemployment and involuntary part-time employment and is expressed as a percent of potentially available aggregate hours. It is computed by assuming: (1) That unemployment 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 males 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*.

Effective July 1975, as a result of the immigration of Vietnamese refugees into the United States, the total and Negro and other races independent population controls for persons 16 years and over were adjusted upward by 76,000—30,000 males and 46,000 females. The addition of the refugees increased the Negro and other races population by less than 1 percent

in any age-sex group, and all of the changes were in the "other races" population.

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

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)	0.09	0.11
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 hours 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

Average hours and earnings data are derived from reports of payrolls and 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 supervisors and all nonsupervisory workers (including group leaders and trainees) engaged in fabricating, processing, assembling, inspection, receiving, storage, handling, packing, warehousing, shipping, maintenance, repair, janitorial and guard 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 supervisors, qualified-craft workers, 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, repairers, salespersons, operators, drivers, physicians, lawyers, accountants, nurses, social workers, research aids, teachers, drafters, photographers, beauticians, musicians, restaurant workers, custodial workers, attendants, line installers and repairers, laborers, janitors, guards, 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.

Hours cover the hours paid for, during the pay period which includes the 12th of the month, for production, construction, or nonsupervisory workers. Included are 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.

#### **Spensible average weekly earnings**

Spensible 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 hours and one-half of total overtime 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 hours**

The indexes of aggregate weekly payrolls and hours are prepared by dividing the current month's aggregate by the monthly average for the 1967 period. The hour aggregates are the product of average weekly hours and production-worker or nonsupervisory worker employment, and the payroll aggregates are the product of hour aggregates and average hourly earnings. At all higher levels of aggregation, 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 non-agricultural 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)
<b>Monthly data</b>		
All employees . . . . .	All-employee estimate for previous month multiplied by ratio of all employees in current month to all employees in previous month, for sample establishments which reported for both months.	Sum of all-employee estimates for component cells.
Production or nonsupervisory workers, women employees . . . . .	All-employee estimate for current month multiplied by (1) ratio of production or nonsupervisory workers to all employees in sample establishments for current month, (2) ratio of women to all employees.	Sum of production or nonsupervisory-worker estimates, or estimates of women employees, for component cells.
Gross average weekly hours . . . . .	Production or nonsupervisory worker 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 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 hours.	Average, weighted by aggregate hours, of the average hourly earnings for component cells.
Gross average weekly earnings . . . . .	Product of gross average weekly hours and average hourly earnings.	Product of gross average weekly hours and average hourly earnings.
Labor turnover rates . . . . .	The number of particular actions (e.g., quits) in reporting establishments divided by total employment in those firms. The result is multiplied by 100.	Average, weighted by employment, of the rates for component cells.
<b>Annual average data</b>		
All employees and production or nonsupervisory workers . . . . .	Sum of monthly estimates divided by 12.	Sum of monthly estimates divided by 12.
Gross average weekly hours . . . . .	Annual total of aggregate hours (production or nonsupervisory-worker employment multiplied by average weekly hours) divided by annual sum of employment.	Annual total of aggregate hours for production or nonsupervisory-workers divided by annual sum of employment for these workers.
Average weekly overtime hours . . . . .	Annual total of aggregate overtime hours (production-worker employment multiplied by average weekly overtime hours) divided by annual sum of employment.	Annual total of aggregate overtime 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 hours.	Annual total of aggregate payrolls divided by annual aggregate 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 1974 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 benchmark adjustment for the last 3 years shown in table G.

**Table G. Nonagricultural payroll employment estimates, by industry divisions, as a percentage of the benchmark for 1971, 1973, and 1974**

Industry division	1971	1973 <sup>1</sup>	1974
Total .....	100.2	98.4	99.9
Mining .....	99.8	96.5	97.0
Contract construction .....	96.9	90.4	100.6
Manufacturing .....	100.4	98.9	99.9
Transportation and public utilities .....	100.9	99.3	100.0
Wholesale and retail trade .....	100.3	97.8	100.1
Finance, insurance, and real estate .....	100.2	99.5	98.9
Services .....	100.4	99.1	99.3
Government .....	100.0	99.5	100.6

<sup>1</sup> 2-year revision.

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 1974<sup>1</sup>**

Industry division	Number of establishments in samples	Employees	
		Number reported	Percent of total
Total .....	158,400	31,637,000	41
Mining .....	2,100	307,000	46
Contract construction ...	16,500	771,000	20
Manufacturing .....	47,000	11,821,000	59
Transportation and public utilities:			
Railroad transportation (ICC).....	95	537,000	94
Other transportation and public utilities .....	7,300	2,181,000	53
Wholesale and retail trade .....	38,200	3,050,000	18
Finance, insurance, and real estate .....	10,100	1,507,000	36
Services .....	23,500	2,740,000	20
Government:			
Federal (Civil Service Commission) <sup>2</sup> .....	3,200	2,691,000	100
State and local.....	10,400	6,032,000	52

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

<sup>2</sup> National estimates of Federal employment are provided to the BLS by the Civil Service Commission. State and area estimates are based on a sample of 3,200 reports covering about 53 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 1974**

Industry	Employees	
	Number reported	Percent of total
Total .....	10,873,730	52
Manufacturing .....	10,007,800	51
Metal mining .....	61,850	66
Coal mining .....	56,770	35
Communication:		
Telephone .....	734,270	74
Telegraph .....	13,040	61

**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 (excluding the March 1973 adjustment) for major industry divisions. Detailed descriptions of individual benchmark revisions are available from the Bureau upon request.

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

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

Industry division	Average benchmark revision in estimates of employment <sup>2</sup>	Relative errors (in percent)	
		Average weekly hours	Average hourly earnings
Total nonagricultural employment .....	0.2	-	-
Total private .....	.1	0.1	0.2
Mining .....	1.2	.5	.5
Construction .....	1.2	.2	.3
Manufacturing .....	.3	.1	.1
Durable goods .....	.4	.1	.1
Nondurable goods .....	.3	.1	.1
Transportation and public utilities .....	.4	.7	.4
Trade .....	.3	.1	.2
Wholesale .....	1.0	.2	.3
Retail .....	.2	.2	.2
Finance, insurance, and real estate .....	.4	2	4
Services .....	.6	4	8
Government <sup>3</sup> .....	.6	-	-

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

<sup>2</sup> The average percent revision in employment for the 1967-71 and 1974 benchmarks.

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



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

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

If the bias is small, the chances are about 2 out of 3 that an estimate from the sample would differ from its benchmark by less than the root-mean-square error. The chances are about 19 out of 20 that the difference would be less than twice the root-mean-square error.

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

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

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

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

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

## 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.

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

Size of employment estimate	Root-mean-square error of	
	Monthly level	Month-to-month change
50,000 .....	600	600
100,000 .....	1,000	900
200,000 .....	1,700	1,700
500,000 .....	2,600	2,400
1,000,000 .....	5,000	4,900
2,000,000 .....	9,000	8,700
10,000,000 .....	29,000	26,000
Total nonagricultural employment .....	98,000	87,000
Mining .....	5,000	5,000
Contract construction .....	20,000	21,000
Manufacturing .....	45,000	42,000
Transportation and public utilities .....	13,000	11,000
Wholesale and retail trade .....	35,000	32,000
Finance, insurance, and real estate .....	7,000	7,000
Services .....	29,000	23,000
Government .....	44,000	42,000

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.

## PRODUCTIVITY DATA

(Tables C-10, C-11, and C-12) are compiled by the Bureau of Labor Statistics from establishment data and from estimates of compensation and gross national product supplied by the U.S. Department of Commerce and the Federal Reserve Board.

### Definitions

Hours of wage and salary workers in nonagricultural establishments refer to hours paid for all employees—production workers, nonsupervisory workers, and salaried workers.

*Output* is the constant dollar market value of final goods and services produced in a given period. Indexes of *output per hour* of labor input, or labor productivity, measure changes in the volume of goods and services produced per unit of labor. *Compensation per hour* includes wages and salaries of employees plus employers contributions for social insurance and private benefit plans. The data also include an estimate of wages, salaries, and supplementary payments for the self-employed, except for nonfinancial corporations, in which there are no self-employed. *Real compensation per hour* is compensation per hour adjusted to eliminate the effect of changes in the Consumer Price Index.

*Unit labor costs* measure the labor compensation cost required to produce one unit of output and are derived by dividing compensation per hour by output per hour. *Unit nonlabor payments* include profits, depreciation, interest, and indirect taxes per unit of output. They are computed by subtracting compensation of all persons from the current dollar gross national product and dividing by output. In these tables, unit nonlabor costs contain all the components of unit nonlabor payments except unit profits. *Unit profits* include corporate profits and inventory valuation adjustments per unit of output.

The *implicit price deflator* is derived by dividing the current dollar estimate of gross product by the constant dollar estimate, making the deflator, in effect, a price index for gross product of the sector reported.

### Notes on the data

In the total private economy and the nonfarm sector, the basis for the output measure employed in the computation of output per hour is Gross Domestic Product rather than

Gross National Product. Computation of hours includes estimates of nonfarm and farm proprietor hours.

Manufacturing data have been revised to reflect revisions in the Federal Reserve Board Index of Industrial Production. Output data are supplied by the Bureau of Economic Analysis, U.S. Department of Commerce, and the Federal Reserve Board. Quarterly measures have been adjusted by the Bureau of Labor Statistics to annual estimates of output (gross product originating) from the Bureau of Economic Analysis. Compensation and hour data are from the Bureau of Economic Analysis and the Bureau of Labor Statistics.

## State and area unemployment data

(E table)

Since November 1972, the Bureau of Labor Statistics has been responsible for developing the concepts and methods used by State employment security agencies to estimate State and local area labor force, employment, and unemployment. In December 1975, the Office of Management and Budget extended this responsibility to include the publication of State and local area labor force and unemployment estimates. Prior to 1972, State agencies prepared estimates using a method developed by the Department of Labor in 1950, generally referred to as the Handbook method (BES Report No. R-185). The new system combines the Handbook method with a set of procedures based on the concepts and definitions used in the national Current Population Survey (CPS). Improvements have been in two areas: (1) The estimating methodology previously used by State agencies has been modified to more closely approximate CPS definitions; and (2) the State-prepared monthly estimates are benchmarked to annual average totals from the CPS.

### Federal-State cooperative program

Labor force and unemployment estimates for States, labor market areas (LMA), and other areas specifically defined for fund allocation purposes are developed under a Federal-State cooperative program and transmitted each month to BLS. The local area unemployment estimates approved by BLS are the basis for determining eligibility of an area for benefits under Federal economic assistance programs, such as those established by the Comprehensive Employment and Training Act (CETA).

### ESTIMATING METHODS

Monthly employment and unemployment estimates are prepared in several stages:

1. *Preliminary estimate—Employment:* The total employment estimate is based primarily on data from the survey of establishments which produces an estimate of payroll employment. This place-of-work estimate must be adjusted to refer to place of residence as used in the Current Population Survey. Adjustment factors for the major categories of employment by class of worker and industry have been developed on the basis of employment relationships which existed at the time of the 1970 decennial Census. These factors are applied to the payroll employment estimates for the current period to obtain adjusted employment estimates.

2. *Preliminary estimate—Unemployment:* In the current month, the estimate of unemployment is an aggregate of the estimates for each of three building block categories: (1) Persons who were previously employed in industries covered by State unemployment insurance (UI) laws; (2) those previously employed in industries not covered by these laws; and (3) those who were either entering the labor force for the first time or reentering after a period of separation.

An estimate for those previously employed in covered industries is derived from a count of current unemployment insurance claimants, plus estimates of claimants whose benefits have been exhausted, those persons disqualified from receiving benefits for nonmonetary reasons (because they quit, were discharged for cause, etc., but would otherwise have been eligible), and persons who either filed claims late, or not at all.

The estimate of those previously employed in industries not covered by UI is derived by applying the current ratio of covered unemployment to covered employment to the employment estimate for each industry or class of worker subgroup in the State, weighted by factors reflecting national historical relationships.

For the third category, new entrants and reentrants into the labor force, a composite estimate is developed from equations that relate the total entrants into the labor force to the experienced unemployed and the experienced labor force. For each month, the estimate of entrants into the labor force is a function of: (a) the month of the year; (b) the level of the experienced unemployed; (c) the level of the experienced labor force; and (d) the proportion of the working age population that is considered "youth". The composite estimate of total entrants is defined as:

$$U = A(X + E) + BX, \text{ Where}$$

U = total entrant unemployment

E = total employment

X = total experienced unemployment

A, B = synthetic factors incorporating seasonal variation, and an assumed relationship between the proportion of youths in the working population and the historical relationship of entrants to the experienced unemployed (B factor) or the experienced labor force (A factor).

3. *Adjustment for additivity.* Using the Handbook method, States prepare independent employment and unemployment

estimates for the State, and for many substate areas. An adjustment is applied to all substate estimates to ensure that the substate estimates add to the independent State totals. Specific additivity adjustment procedures vary from State to State, but are generally one of the three following basic methods: (a) If a State is comprised of mutually exclusive and exhaustive LMA's, then the difference between the independent State estimate and the sum of the estimates for the LMA's is prorated over all LMA's in the State, to produce a set of substate estimates which add to the independent State estimate; (b) If the mutually exclusive LMA's do not exhaust the geographic area of the State, then the difference between the independent State estimate and the sum of the LMA estimates, or residual, becomes the balance-of-State estimate; (c) If a State contains LMA's which are benchmarked independently (see below), estimates for these areas are subtracted from the independent State estimate and the additivity adjustment is then applied to the remaining areas in the balance of the State.

**4. Benchmark correction and extrapolation procedures.** Once each year all monthly estimates prepared by State employment security agencies under the Handbook method are adjusted, or benchmarked, by BLS to the annual average estimates

resulting from the CPS. This adjustment is necessary because the State-prepared estimates are not as reliable as the CPS estimates, due to differences in State UI laws, the structural limitations of the Handbook method, and errors in the UI data.

The benchmarked estimates are produced in three stages. First, the monthly Handbook estimates are adjusted by the ratio of the CPS and Handbook annual averages. Second, the difference between the ratio of annual averages for two consecutive years is wedged into the monthly estimates in order to minimize the disturbance to the original series. Finally, the second-stage estimates are forced into agreement with CPS annual averages.

The benchmarked estimates are extrapolated into the current year by applying the latest relevant correction factor to the current Handbook estimates of employment and unemployment. The employment factor used in year (t) is the quotient of the December employment benchmarked and Handbook estimates in year (t-1). The unemployment factor for year (t) is the algebraic difference between the December unemployment benchmarked and Handbook estimates in year (t-1). The preliminary estimate in the current year is then the result of applying the correction factor by multiplication (for employment), or by addition (for unemployment) to the current Handbook estimate.

## Unemployment insurance data (F tables)

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

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

Because of differences in State laws and procedures under which unemployment insurance programs are operated, State unemployment 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 limitations of unemployment insurance data should address their inquiries to Employment and Training 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 1975, plus a short description of the methodology, are published in the February 1976 *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 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 hours, seasonally adjusted, are obtained by summing the aggregate weekly 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 June 1975. Seasonal factors to be used for current adjustment appear in the October 1975 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.

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