

# EMPLOYMENT AND EARNINGS

VOL. 20 NO. 1 JULY 1973

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

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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.	Sept.	Oct.	Nov.
<b>Household data</b>											
Annual averages	x										
Revised seasonally adjusted series and current seasonal factors		x									
<b>Quarterly averages:</b>											
Seasonally adjusted data											
Persons not in labor force	x			x			x			x	
Vietnam Era war veterans											
<b>Establishment data</b>											
<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 and current seasonal factors						(2)					
State and area annual averages					x						
Area definitions					x						

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

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

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

# Employment and Unemployment Developments, June 1973

Employment increased substantially in June and unemployment edged down. The unemployment rate was 4.8 percent, compared with 5.0 percent in May, and marked the first time in 3 years that it has been below 5 percent.

Total employment (as measured through the household survey) rose by 650,000 in June to a seasonally adjusted level of 84.7 million. The employment gain was spread about evenly among adult men, adult women, and teenagers. Over the past year, employment has risen by 2.9 million.

The number of nonagricultural payroll jobs (measured through the establishment survey) also increased in June, rising by nearly 200,000 to 75.5 million. Payroll employment was up 2.8 million over last June.

On a quarterly basis, both the civilian labor force and total employment posted a gain of nearly one million in the April-June quarter, with the civilian labor force participation rates for adult women and teenagers rising sharply. Among the persons not in the labor force, the number reported as wanting work but not seeking jobs for various reasons rose in the second quarter after declining in the previous quarter.

## Unemployment

The number of unemployed persons usually rises sharply from May to June as a result of the great influx of young persons into the labor market following the end of the school year. The unemployment increase this June was less than expected seasonally, however, so that both the seasonally adjusted level and rate of unemployment edged down slightly, at 4.3 million and 4.8 percent, respectively.

Teenagers accounted for most of this decline in total joblessness, their unemployment rate dropping from 15.4 to 13.3 percent. This was countered to some extent by a rise in the jobless rate for adult women—from 4.6 to 4.9 percent. The adult male unemployment rate declined marginally to 3.2 percent.

The unemployment rate for Negro workers fell in June from 9.4 to 8.5 percent, primarily reflecting an improvement in the job situation for adult males. The

white jobless rate, in contrast, was about unchanged at 4.3 percent. The unemployment rate of full-time workers edged down to 4.2 percent in June, the lowest level in over 3 years; the rate for part-time workers was unchanged at 8.6 percent. Unemployment rates for married men (2.3 percent) and household heads (2.9 percent) also remained the same over the month. Jobless rates showed little or no change for most major occupational and industry groups. For workers covered by State unemployment insurance programs, the jobless rate edged up from 2.7 to 2.8 percent, but this was well below the year-ago rate of 3.6 percent.

The average (mean) duration of unemployment was 9.8 weeks in June, essentially unchanged from the 2 previous months but 2½ weeks below the year-ago average.

The small decline in unemployment in June occurred entirely among persons who were new entrants or re-entrants to the labor force. This was partially offset by an increase in the number of job losers (to 1.7 million). However, the number of job losers decreased 400,000 since June 1972, accounting for two-thirds of the over-the-year decline in total joblessness (nearly 600,000).

## Civilian labor force and total employment

The number of persons in the civilian labor force rose more than it usually does in June. After seasonal adjustment, the labor force was up by 530,000, bringing it to a level of 88.9 million. Over the year, the labor force rose by 2.3 million workers.

After 2 months of little change, total employment increased sharply in June, advancing by 650,000 from the May level. Since June 1972, total employment has risen by 2.9 million persons; adult women made up about 1.3 million of the over-the-year gain, with adult men and teenagers accounting for 1.0 million and 660,000, respectively.

## Vietnam Era veterans

The unemployment rates for Vietnam Era veterans 20 to 29 years of age (6.0 percent) and 30 to 34 years (2.3 percent) were little changed in June. Since September 1972, jobless rates for these veterans have not

differed materially from those for nonveterans of the same ages. However, the unemployment rate for the young, more recently discharged veterans (20-24 years) has continued to be higher than that for young nonveterans. In June, these rates were 10.5 and 6.6 percent, respectively.

### Industry payroll employment

Nonagricultural payroll employment rose more than seasonally expected in June and after seasonal adjustment was up 195,000 to 75.5 million. The gain was divided fairly evenly between the goods-producing and service-producing sectors. Since June 1972, total payroll jobs have advanced by 2.8 million.

In the goods-producing sector, manufacturing posted a seasonally adjusted gain of 60,000 in June, almost all of it in the three durable goods industries of machinery, electrical equipment, and transportation equipment. Employment in contract construction rose by 45,000 to the highest level on record, nearly 3.7 million. Job gains in the service-producing sector were confined largely to services (50,000) and State and local governments (35,000).

### Hours of work

Average weekly hours of work for production or non-supervisory workers rose about in line with normal May-to-June movements and, after adjustment for seasonality, were unchanged at 37.2 hours. Similarly, the seasonally adjusted manufacturing workweek remained about unchanged in June at 40.7 hours. However, factory overtime hours declined by 0.2 hour to 3.7 hours. The aver-

age workweek was about the same as in June 1972, both for all rank-and-file workers and for manufacturing production workers.

### Hourly and weekly earnings

Average hourly earnings of production or nonsupervisory personnel on private nonagricultural payrolls rose 2 cents in June to \$3.87, both before and after seasonal adjustment. Since June a year ago, hourly earnings have risen 24 cents or 6.6 percent.

The gain in average hourly earnings, coupled with a lengthening of the actual workweek (0.5 hour), produced an increase in average weekly earnings of \$2.68 to \$145.13. After adjustment for normal seasonal fluctuations, however, weekly earnings were \$143.96, an increase of only 74 cents over the month. Compared with June a year ago, weekly earnings have increased \$9.37 or 6.9 percent. During the latest 12-month period for which the Consumer Price Index is available—May 1972 to May 1973—consumer prices increased by 5.5 percent, and real weekly earnings rose by 1.1 percent.

### Hourly earnings index

The Bureau's Hourly Earnings Index, seasonally adjusted, was 145.7 (1967=100) in June, 0.6 percent higher than in May, according to preliminary figures. The index was 6.2 percent above June a year ago. All industries recorded gains over the year, ranging from 4.7 percent in finance, insurance, and real estate to 8.7 percent in transportation and public utilities. During the 12-month period ending in May, the Hourly Earnings Index in dollars of constant purchasing power rose 0.4 percent.

## Quarterly Labor Force Developments

The Nation's labor force, which has been expanding at a rapid pace since mid 1971, posted nearly a 1-million gain in the second quarter of 1973. This unusually large increase was matched by the continuing strong expansion in employment, resulting in a slight reduction in the jobless rate to 4.9 percent. This was the seventh consecutive quarter in which the unemployment rate showed some improvement relative to the previous quarter.

Despite the rapid inflow of workers into the job market, the total number of workers outside the labor force reported as wanting work but not looking for jobs because of discouragement over job prospects and other impediments moved upward in the second quarter of 1973 following a sharp decline in the first quarter.

### Civilian labor force

The large labor force increase recorded in the second quarter of 1973 (over 900,000, seasonally adjusted) stemmed mainly from increased job market participation among adult women and teenagers. Between the first and second quarters, civilian labor force participation rates (which express a group's labor force as a percent of that group's civilian noninstitutional population) rose from 43.8 to 44.4 percent for adult females and from 53.2 to 54.2 for teenagers. (See table A-41.)

For adult women, this increase in participation was a continuation of the historical trend; for teenagers, it represented a movement particularly evident since early

1971. These developments, coupled with at least a temporary halt in the secular downtrend in adult male participation, had the effect of raising the overall participation rate to 60.8 percent, its highest quarterly average in at least 2 decades.

### Employment and unemployment

Total employment increased by almost 1 million persons (seasonally adjusted) between the first and second quarters of 1973, continuing the very rapid expansion which started in mid 1971, when the economy was pulling out of the recent recession. Over the 2-year period since the second quarter of 1971, total employment has increased by a little over 5 million, or at an average of nearly 650,000 per quarter.

At 84.2 million in the second quarter, total employment was equal to 57.8 percent of the civilian non-institutional population of working age, up from 57.4 percent the previous quarter and 56.5 percent in the second quarter of 1971.

The number of jobless persons averaged just under 4.4 million in the second quarter of 1973, about the same as in the first quarter. However, given the rapid increase in employment, the incidence of unemployment did decline marginally—from 5.0 to 4.9 percent. This was the seventh consecutive quarter in which the jobless rate showed some improvement. In terms of the major age-sex groups, the only change in the incidence of unemployment from the first quarter was a further decline in the jobless rate for adult women—from 5.0 to 4.7 percent.

### Persons not in the labor force

Given the substantial increase in labor force participation, the number of working-age persons not in the labor force decreased by almost one-half million (on a seasonally adjusted basis) in the second quarter of 1973. This decline took place entirely among the category of persons previously reported as not wanting a job "now." In contrast, after a sharp decline in the first quarter, the number of persons expressing some desire to be working "now" (although not currently looking for a job) returned to the 4.7 million level of the fourth quarter of 1972. As has generally been the case, the majority of these persons continued to cite either school attendance, ill health, or family responsibilities as impediments to jobseeking. (See table A-50.)

In this group of persons not in the labor force wanting a job "now" were also nearly 800,000 persons who said they were not looking for work because of a belief they could not obtain a job. Most of these "discouraged workers"—whose number had declined to 620,000 in the first quarter of 1973, after averaging close to 800,000 during 1972—were women.

### Negro-white developments

The sharp increase in the number of persons in the labor market in the second quarter of 1973 was confined to white workers. After rising in recent quarters, the Negro labor force showed no further increase in the April-June period (except that which resulted from the adjustment of the group's population, described in the note at the bottom of table A-41). Reflecting these dissimilar developments, the civilian labor force participation rate of whites rose to 60.9 percent, while that for Negroes edged down to 59.9 percent.

Employment of Negroes was also unchanged in the second quarter of 1973 (when account is taken of the effect of the population adjustment referred to above). The number of employed whites, on the other hand, rose by 1 million. This raised the proportion of white persons with jobs to 58.2 percent of the population of working age. At the same time, the proportion of Negroes with jobs edged down slightly to 54.5 percent.

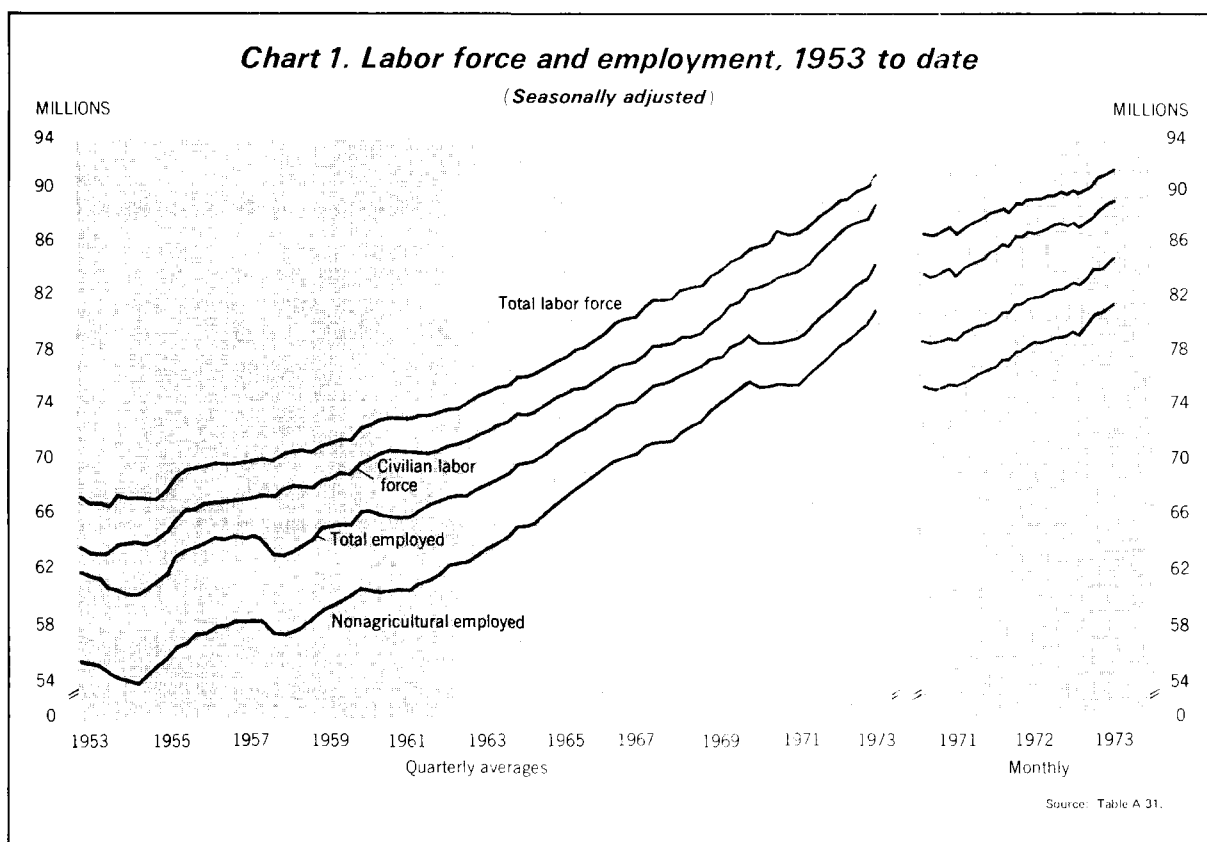
Unemployment showed little or no change either for whites or Negroes relative to the previous quarter. At 9.0 percent, the Negro unemployment rate continued to average double the white rate (4.4 percent). This has generally been the case since the Korean War, except for the 1970-71 period of economic slowdown and initial stages of recovery, when the ratio between the two rates temporarily dropped below 2 to 1.

Among persons not in the labor force, the proportion expressing some desire to be working "now" (although not currently seeking jobs) has also averaged twice as large for Negroes than for whites; it was 16 percent for Negroes versus 8 percent for whites in the second quarter of 1973. Within this category there were about 550,000 whites and 260,000 Negroes citing the belief that they could not find a job as the reason for not seeking work. Negroes, therefore, continued to be over-represented among the "discouraged" as well as among the unemployed.

# CHARTS

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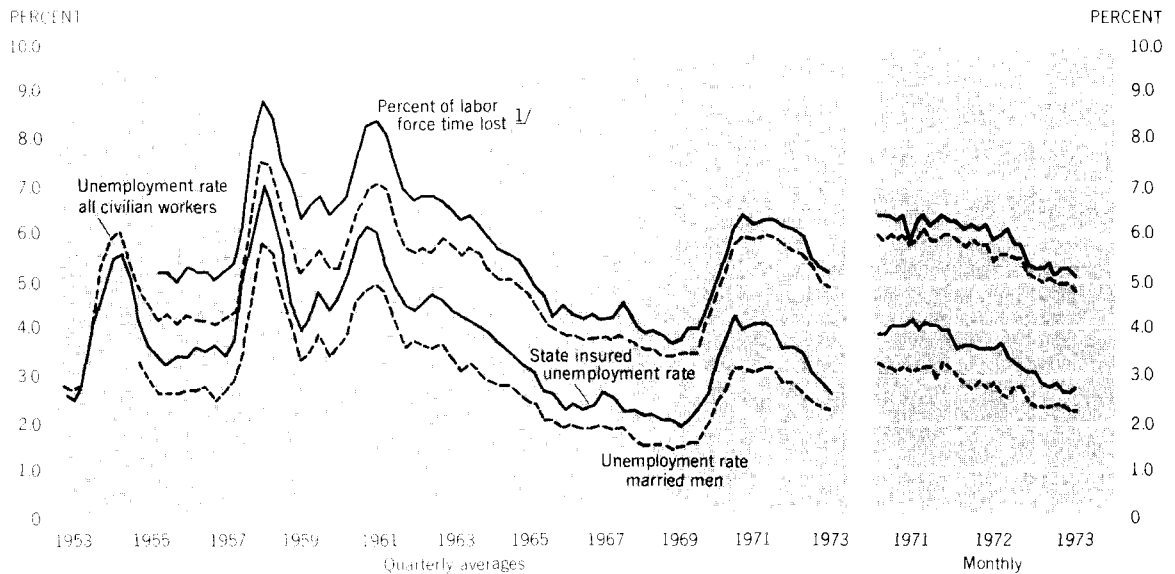
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**Chart 2. Major unemployment indicators  
1953 to date**

*(Seasonally adjusted)*

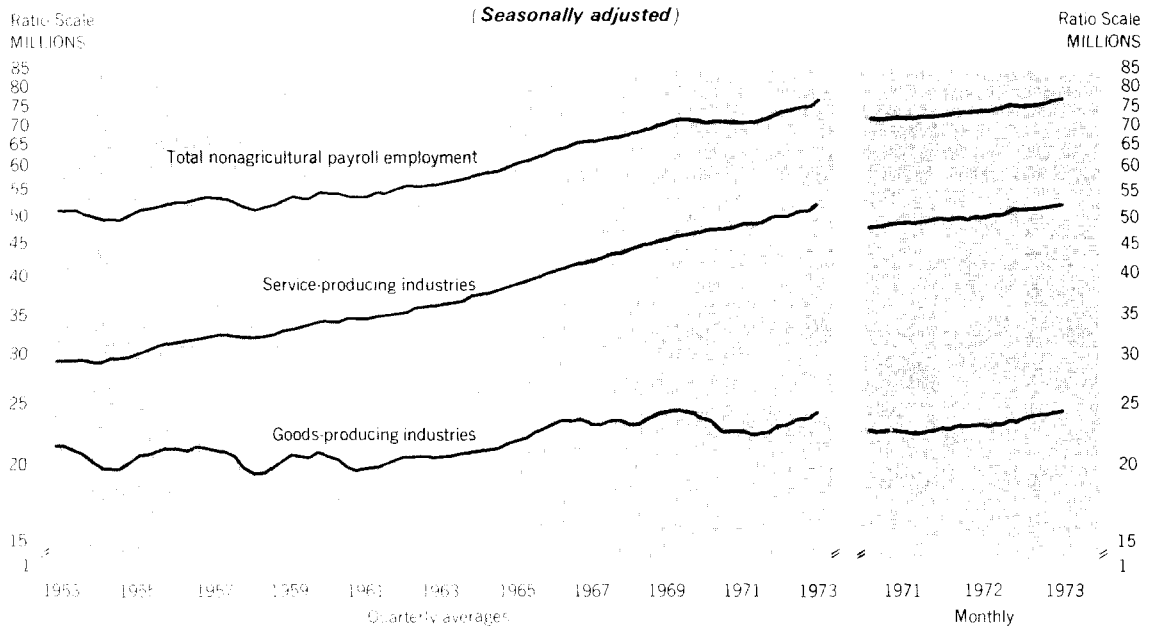


Since revised beginning 1967 to reflect whether unemployed persons sought full or part-time jobs

Source: Table A-35.

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

*(Seasonally adjusted)*



Note: Data for 1971-1973 reported in millions of hours

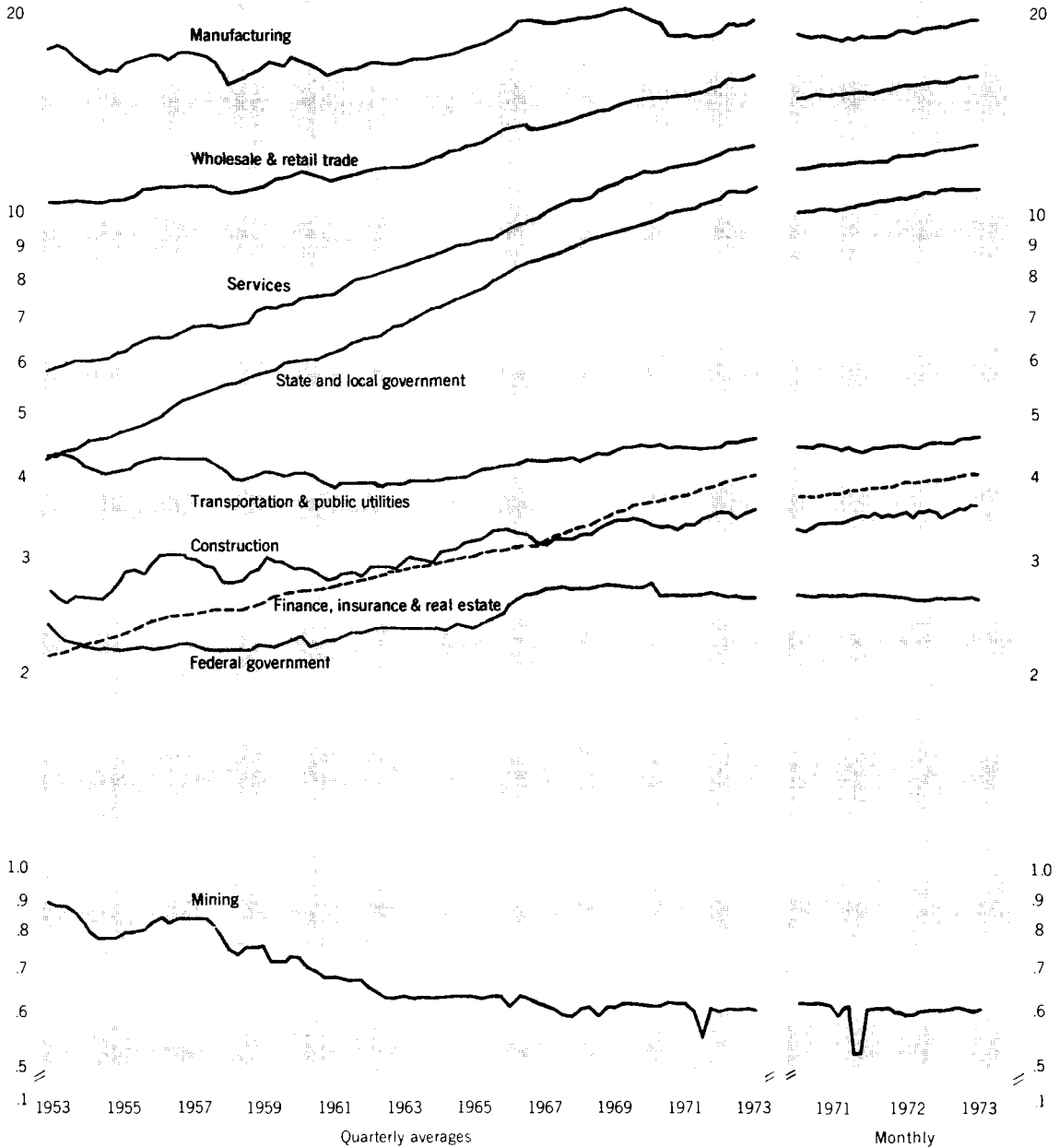
Source: Table B-5.

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

(Seasonally adjusted)

Ratio Scale  
MILLIONS  
30

Ratio Scale  
MILLIONS  
30



Note: Data for 2 most recent months are preliminary

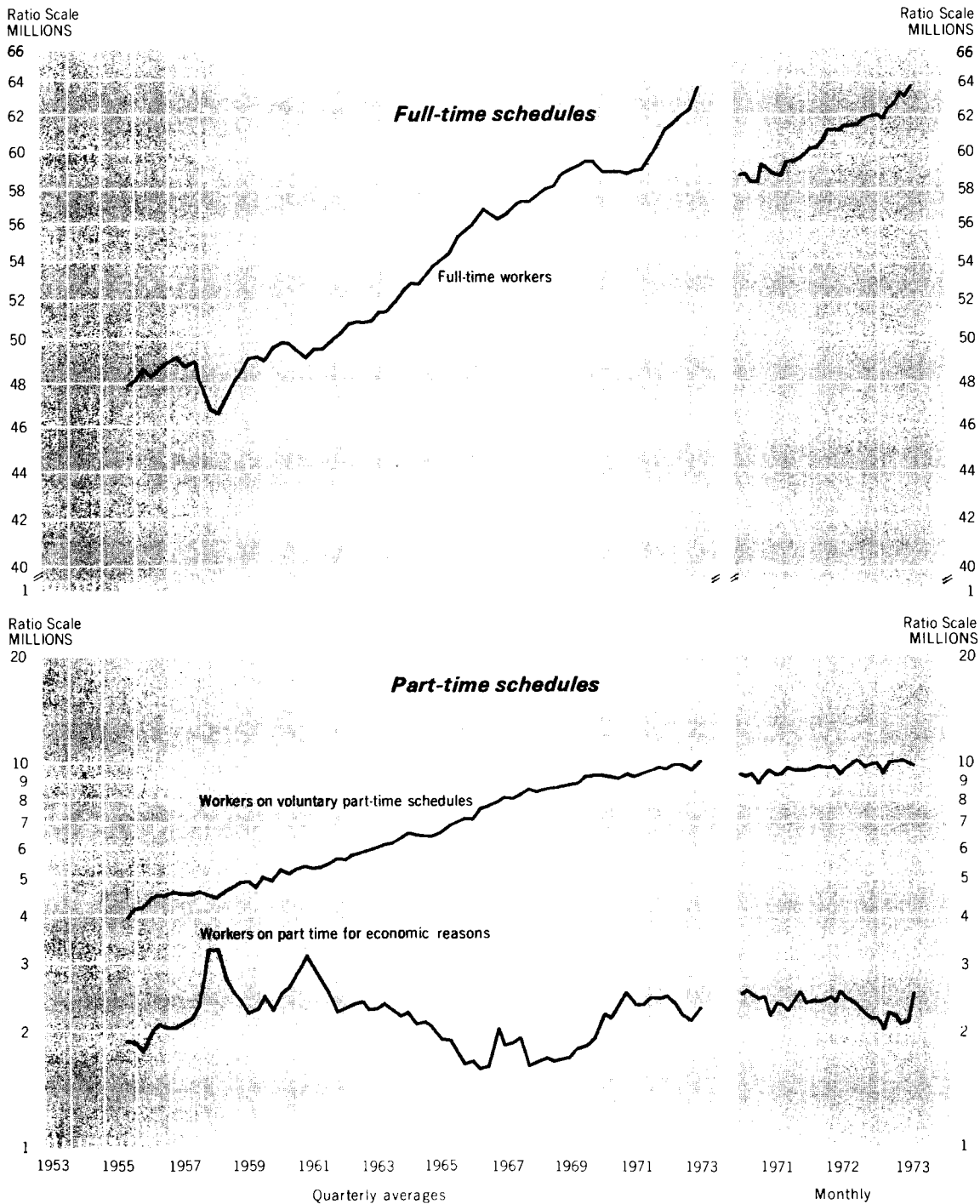
Source: Table B 5

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



Source: Table A 31

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



Source: Table A-31 and unpublished data.

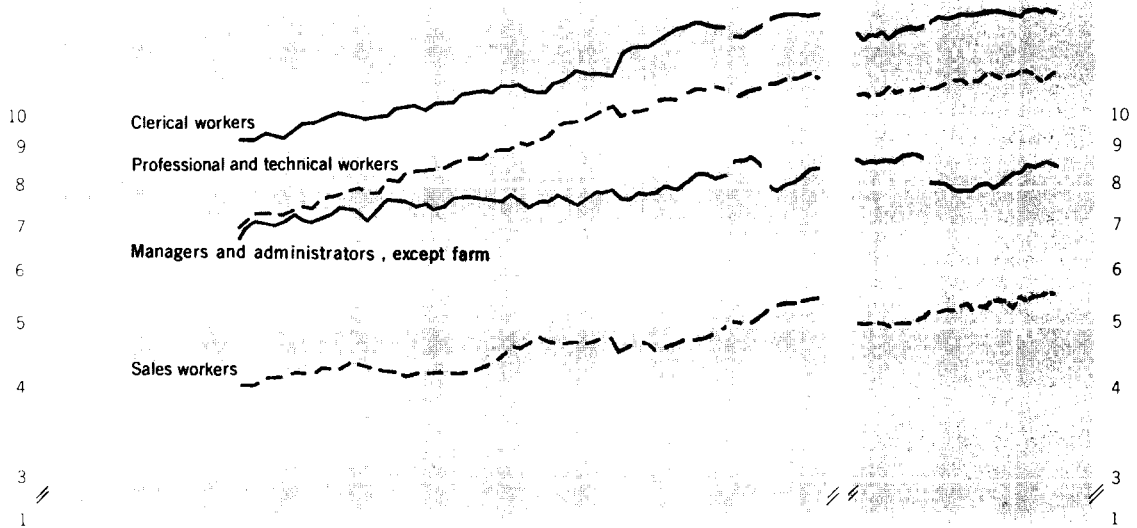
## Chart 7. Employment in nonfarm occupations 1958 to date

(Seasonally adjusted)

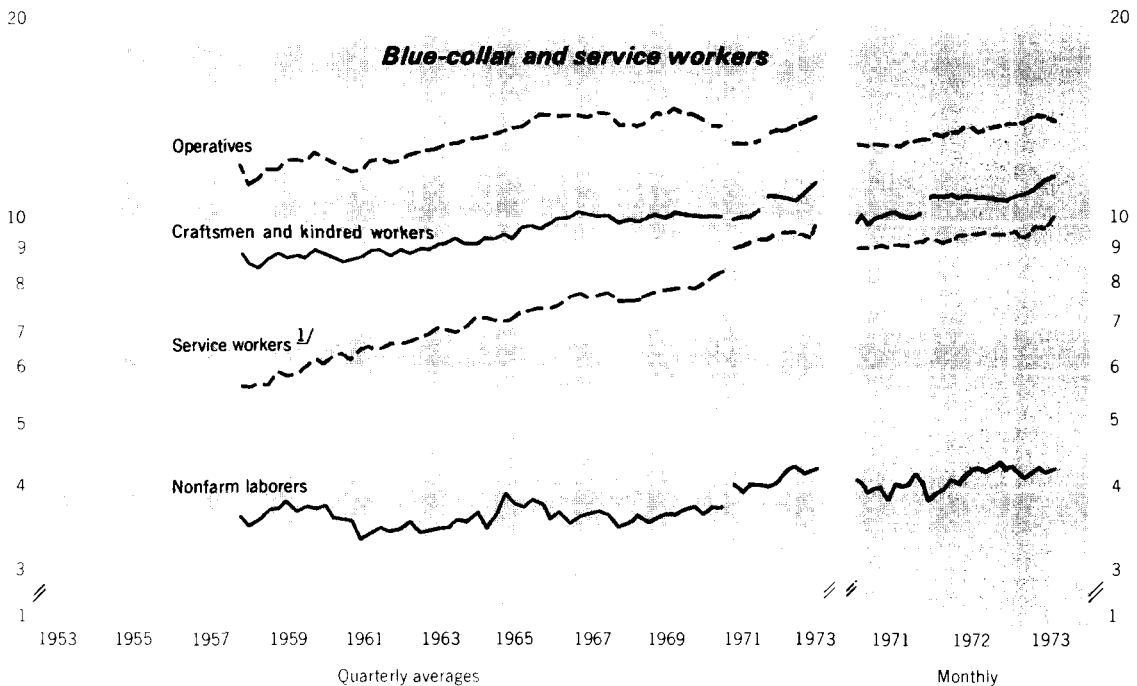
Ratio Scale  
MILLIONS  
20

Ratio Scale  
MILLIONS  
20

### White-collar workers



### Blue-collar and service workers



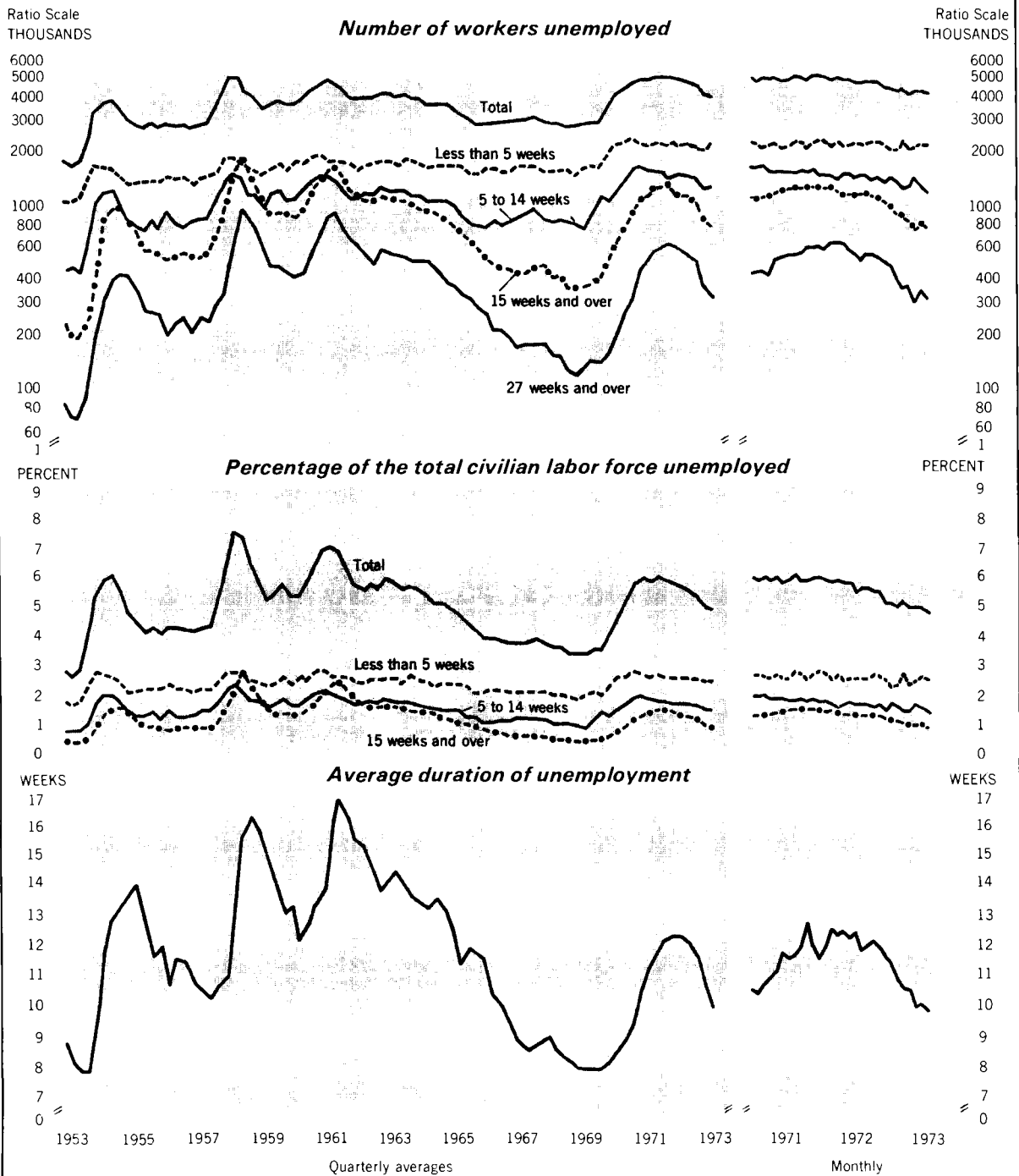
<sup>1/</sup> Excludes private household workers

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

Source: Table A-39.

# Chart 8. Duration of unemployment 1953 to date

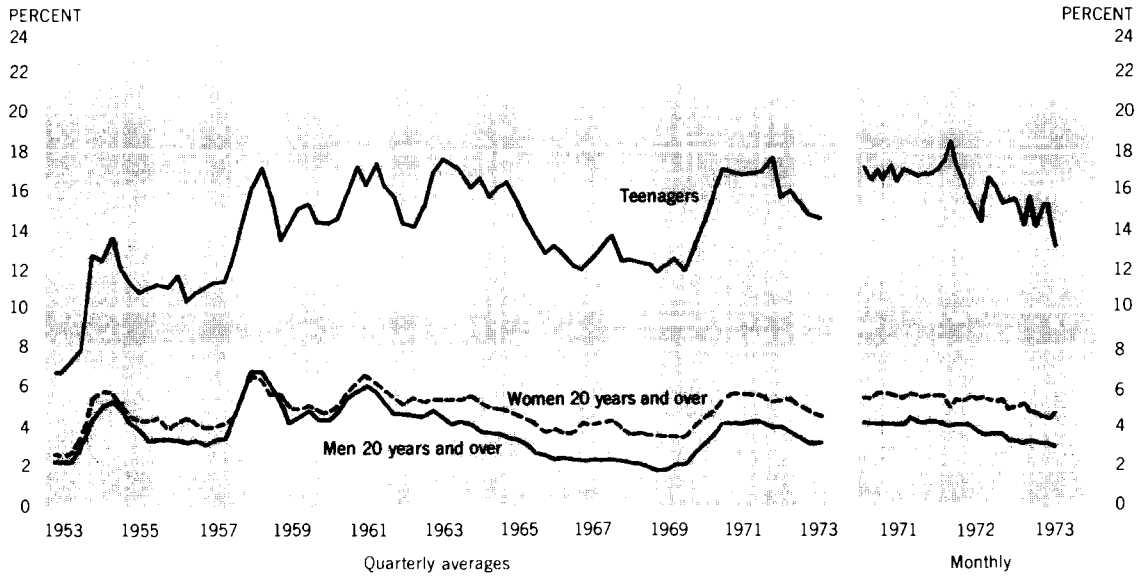
(Seasonally adjusted)



Source: Table A-34.

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

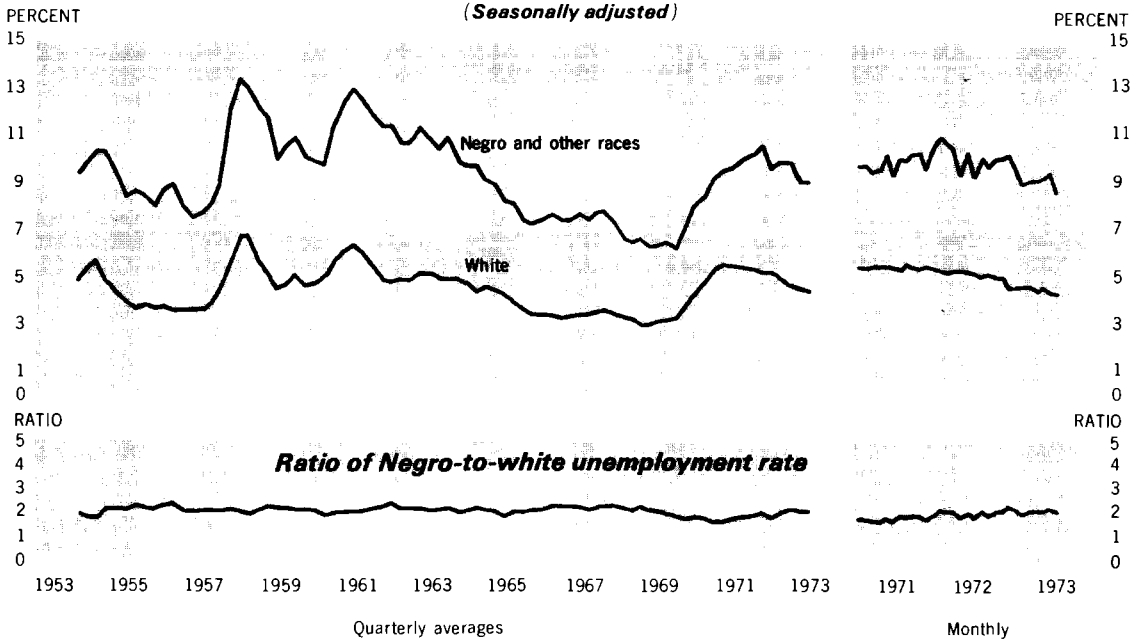
(Seasonally adjusted)



Source: Table A-33

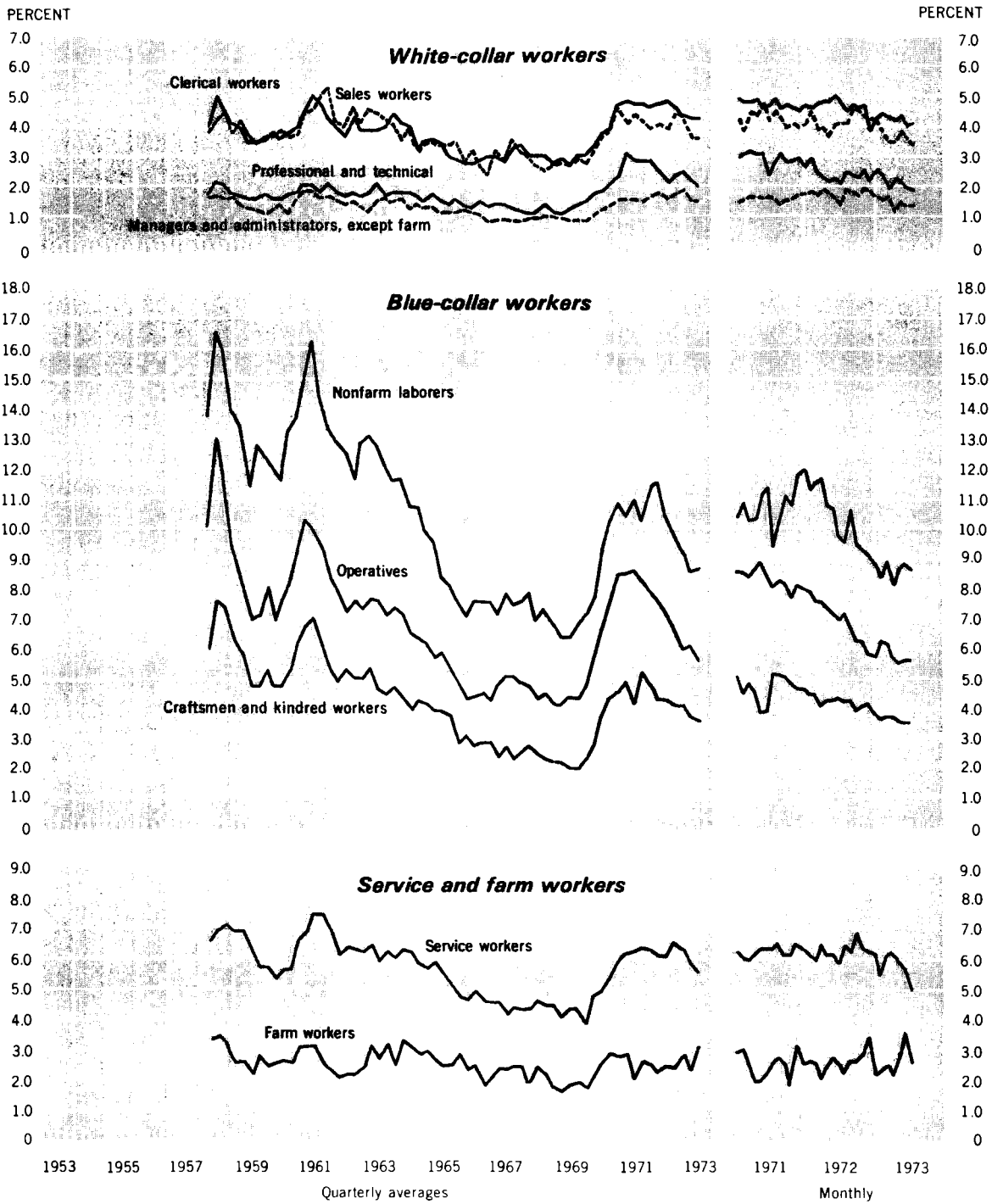
**Chart 10. Unemployment rates by color  
1954 to date**

(Seasonally adjusted)



Source: Table A-33.

**Chart 11. Unemployment rates by occupation  
1958 to date**  
(Seasonally adjusted)



Source: Table A-35.



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



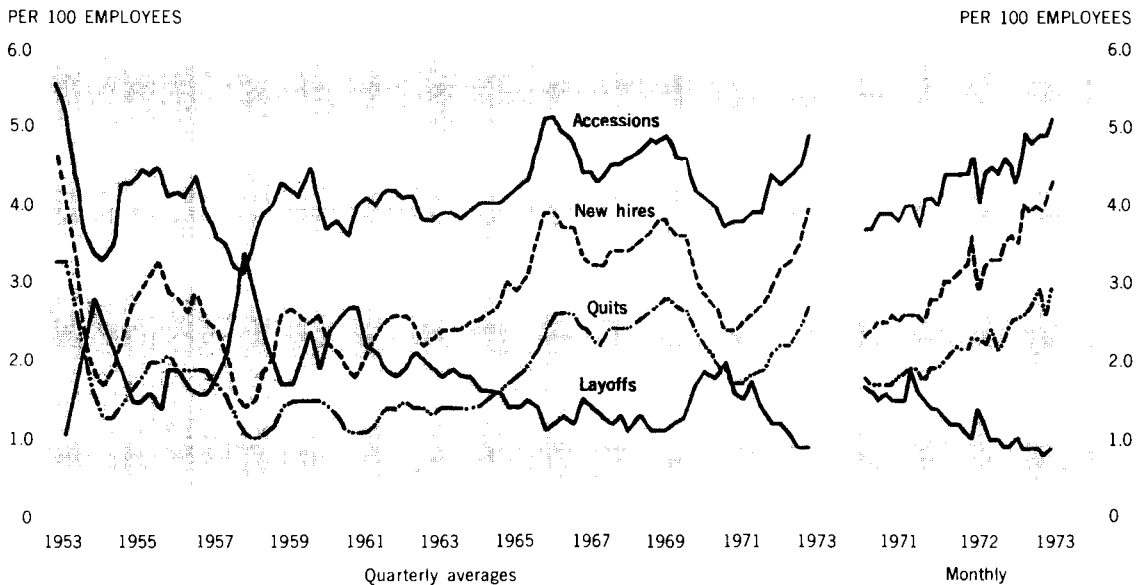
1/ Annual averages prior to 1964.

2/ Beginning in 1964, data include eating and drinking establishments, not previously available.

Note: Data for 2 most recent months are preliminary.

Source: Table C 7

**Chart 13. Labor turnover rates in manufacturing 1953 to date**  
(Seasonally adjusted)

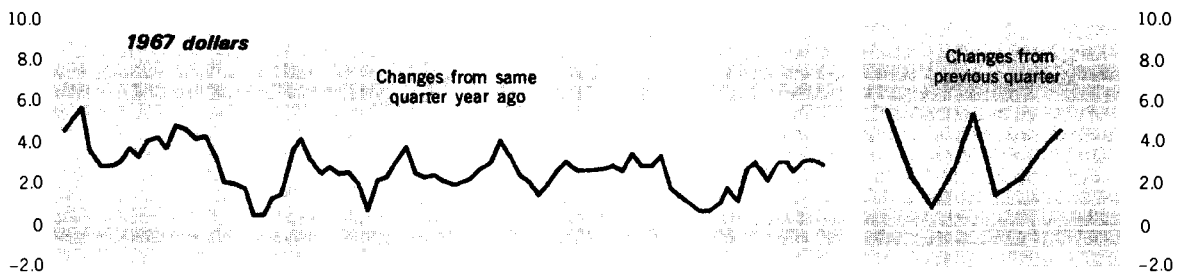
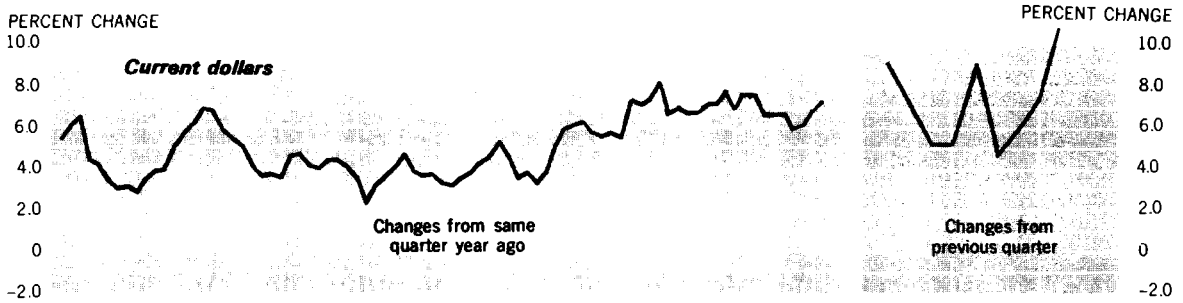


Note: Data for current month are preliminary.

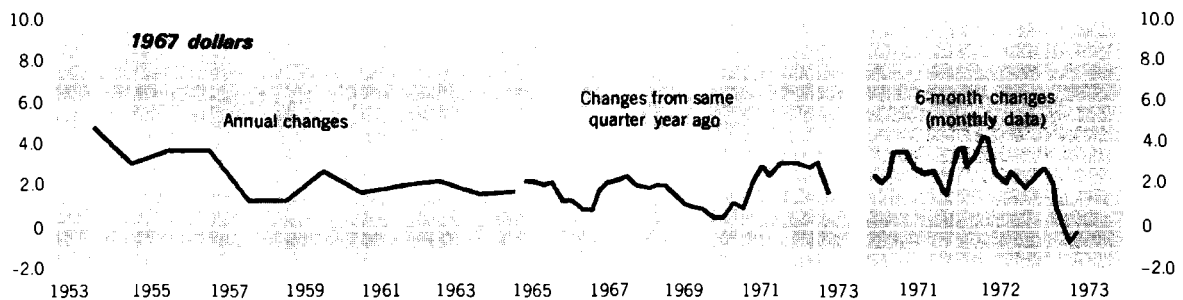
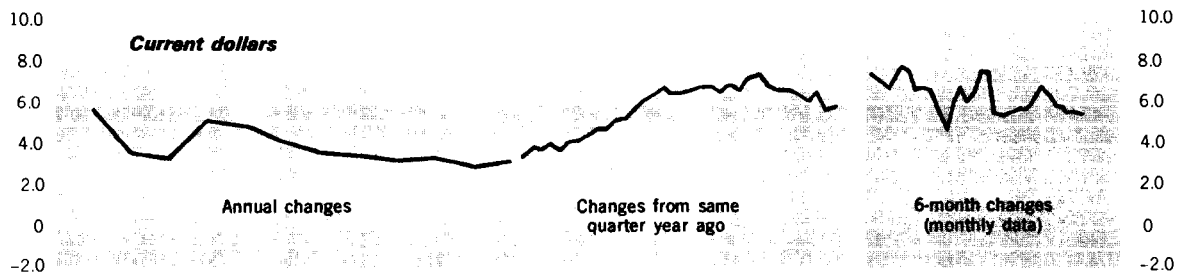
Source: Table D 3

**Chart 14. Major compensation trend indicators  
in the private nonfarm economy  
1953 to date**  
(Seasonally adjusted, at annual rates)

**Hourly compensation index, all employees**

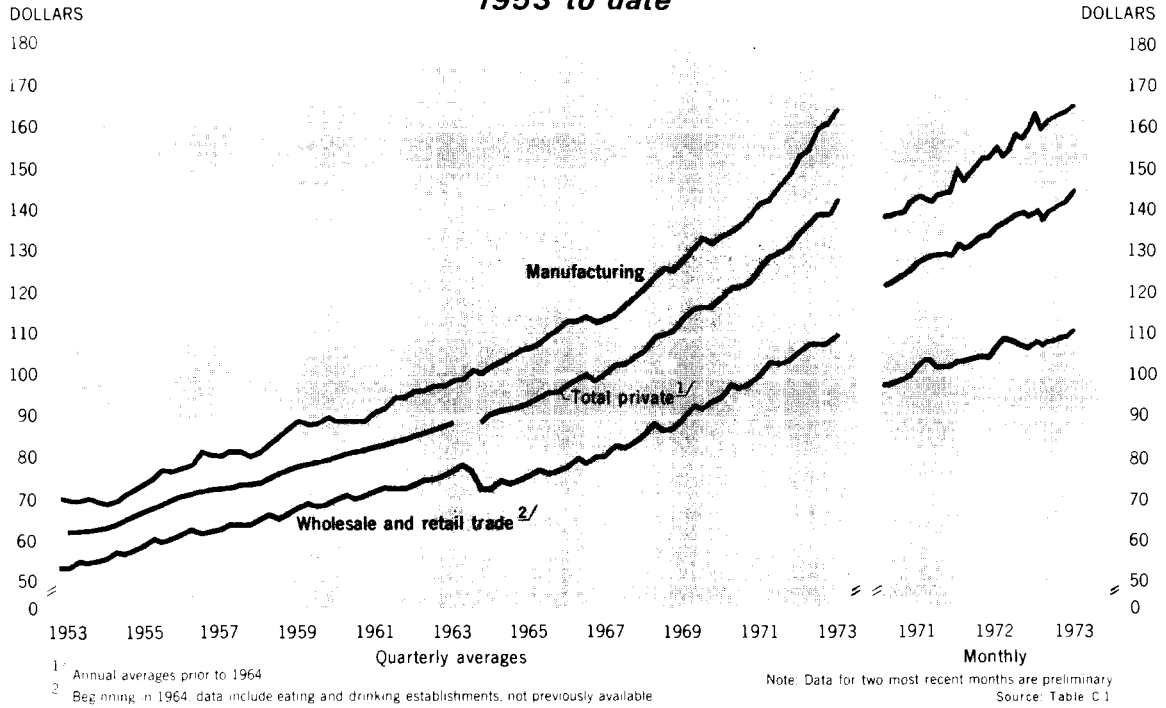


**Hourly earnings index, production or nonsupervisory employees**

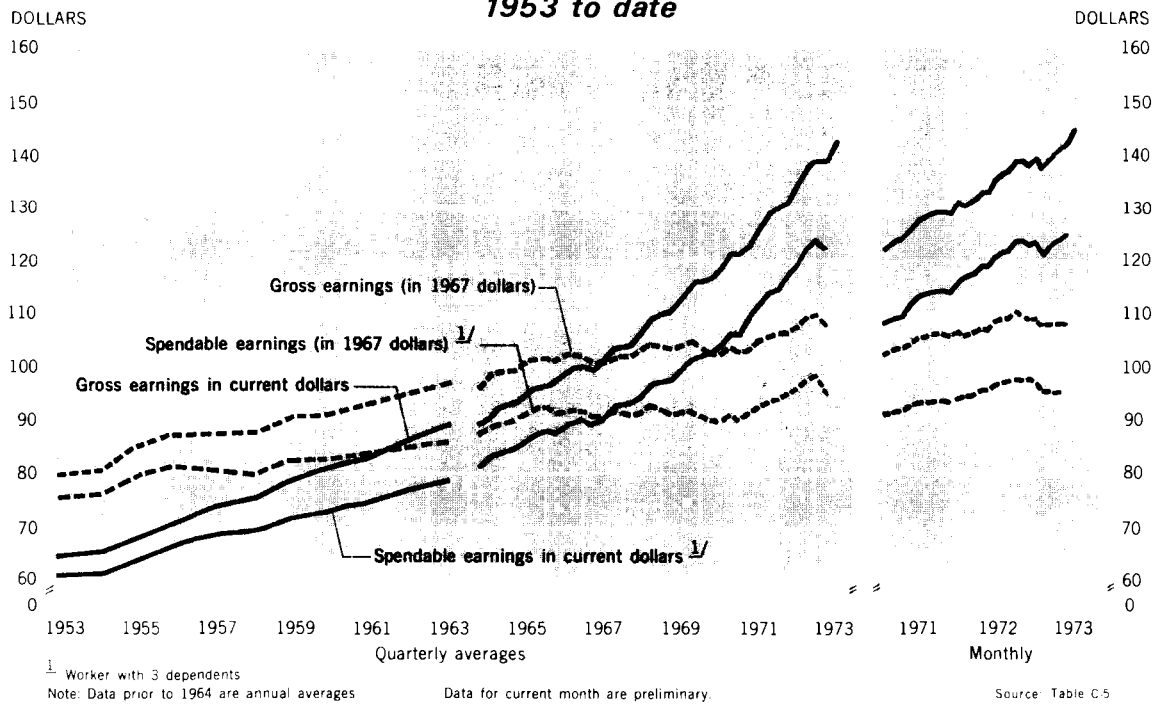


Source: Tables C-12, C-13, and C-15.

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



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

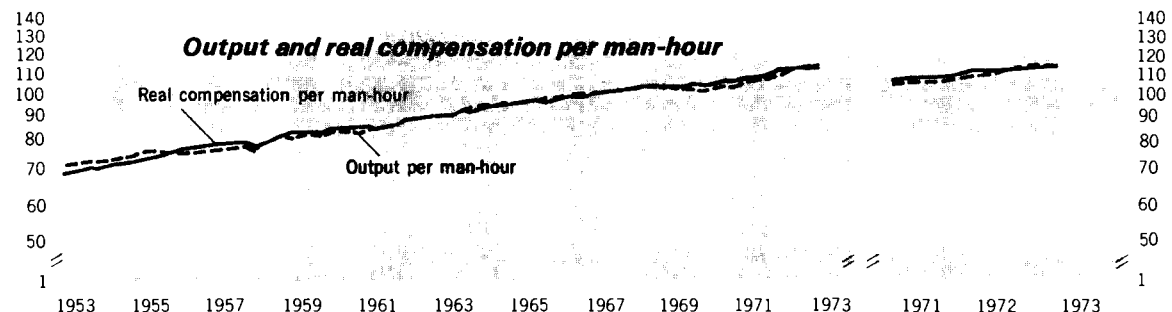
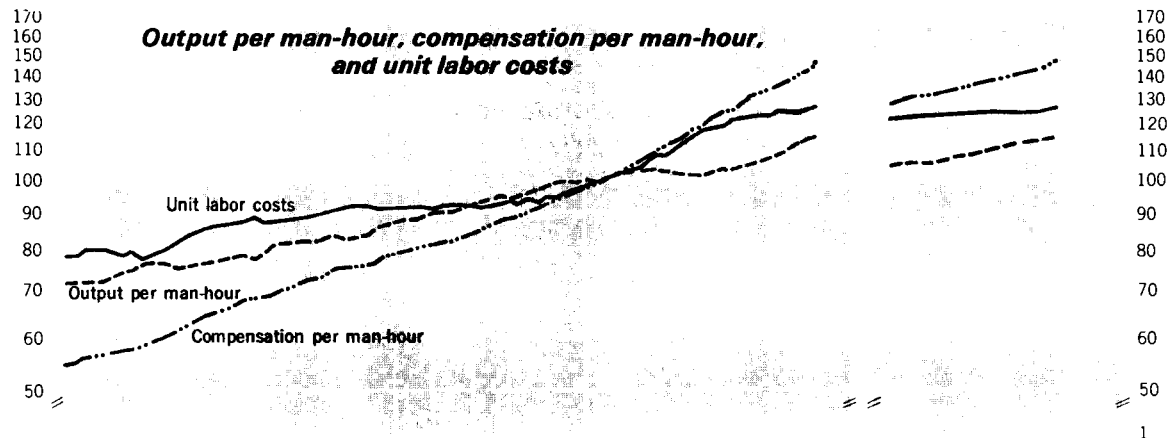
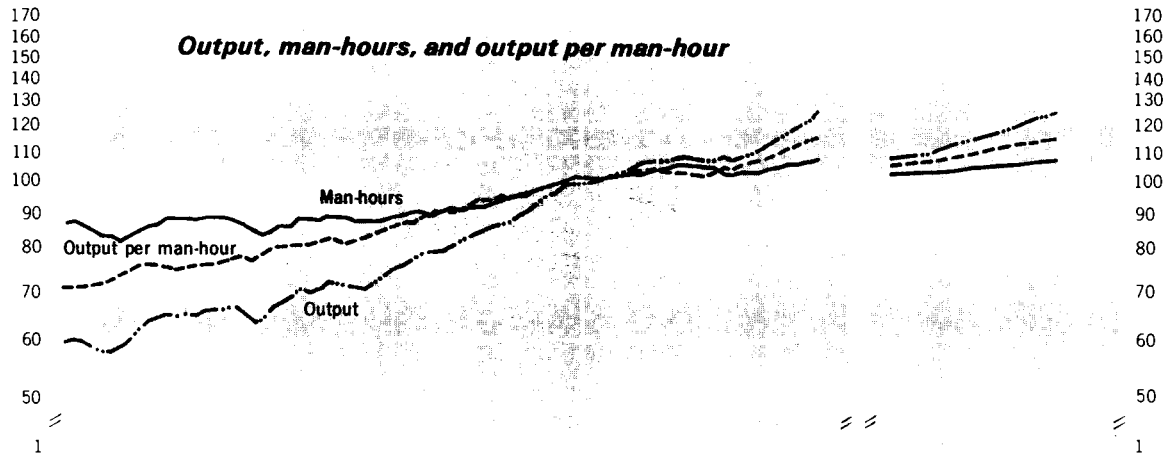


**Chart 17. Indexes of output per man-hour, hourly compensation, and unit labor costs in the private nonfarm economy 1953 to date**

(Seasonally adjusted quarterly averages)

RATIO SCALE  
INDEX (1967=100)

RATIO SCALE  
INDEX (1967=100)



Source: Table C-10.

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

(In thousands)

Year and month	Total noninstitutional population	Total labor force		Civilian labor force							Not in labor force
		Number	Percent of population	Total	Employed			Unemployed			
					Total	Agriculture	Nonagricultural industries	Number	Percent of labor force		
									Not seasonally adjusted	Seasonally adjusted	
Persons 14 years of age and over											
1929.....	(1)	49,440	(1)	49,180	47,630	10,450	37,180	1,550	3.2	-	(1)
1930.....	(1)	50,080	(1)	49,820	45,480	10,340	35,140	4,340	8.7	-	(1)
1931.....	(1)	50,680	(1)	50,420	42,400	10,290	32,110	8,020	15.9	-	(1)
1932.....	(1)	51,250	(1)	51,000	38,940	10,170	28,770	12,060	23.6	-	(1)
1933.....	(1)	51,840	(1)	51,590	38,760	10,090	28,670	12,830	24.9	-	(1)
1934.....	(1)	52,490	(1)	52,230	40,890	9,900	30,990	11,340	21.7	-	(1)
1935.....	(1)	53,140	(1)	52,870	42,260	10,110	32,150	10,610	20.1	-	(1)
1936.....	(1)	53,740	(1)	53,440	44,410	10,000	34,410	9,030	16.9	-	(1)
1937.....	(1)	54,320	(1)	54,000	46,300	9,820	36,480	7,700	14.3	-	(1)
1938.....	(1)	54,950	(1)	54,610	44,220	9,690	34,530	10,390	19.0	-	(1)
1939.....	(1)	55,600	(1)	55,230	45,750	9,610	36,140	9,480	17.2	-	(1)
1940.....	100,380	56,180	56.0	55,640	47,520	9,540	37,980	8,120	14.6	-	44,200
1941.....	101,520	57,530	56.7	55,910	50,350	9,100	41,250	5,560	9.9	-	43,990
1942.....	102,610	60,380	58.8	56,410	53,750	9,250	44,500	2,660	4.7	-	42,230
1943.....	103,660	64,560	62.3	55,540	54,470	9,080	45,390	1,070	1.9	-	39,100
1944.....	104,630	66,040	63.1	54,630	53,960	8,950	45,010	670	1.2	-	38,590
1945.....	105,530	65,300	61.9	53,860	52,820	8,580	44,240	1,040	1.9	-	40,230
1946.....	106,520	60,970	57.2	57,520	55,250	8,320	46,930	2,270	3.9	-	45,550
1947.....	107,608	61,758	57.4	60,168	57,812	8,256	49,557	2,356	3.9	-	45,850
Persons 16 years of age and over											
1947.....	103,418	60,941	58.9	59,350	57,039	7,891	49,148	2,311	3.9	-	42,477
1948.....	104,527	62,080	59.4	60,621	58,344	7,629	50,713	2,276	3.8	-	42,447
1949.....	105,611	62,903	59.6	61,286	57,649	7,656	49,990	3,637	5.9	-	42,708
1950.....	106,645	63,858	59.9	62,208	58,920	7,160	51,760	3,288	5.3	-	42,787
1951.....	107,721	65,117	60.4	62,017	59,962	6,726	53,239	2,055	3.3	-	42,604
1952 <sup>2</sup> .....	108,823	65,730	60.4	62,138	60,254	6,501	53,753	1,883	3.0	-	43,093
1953 <sup>2</sup> .....	110,601	66,560	60.2	63,015	61,181	6,261	54,922	1,834	2.9	-	44,041
1954.....	111,671	66,993	60.0	63,643	60,110	6,206	53,903	3,532	5.5	-	44,678
1955.....	112,732	68,072	60.4	65,023	62,171	6,449	54,724	2,852	4.4	-	44,660
1956.....	113,811	69,409	61.0	66,552	63,802	6,283	57,517	2,750	4.1	-	44,402
1957.....	115,065	69,729	60.6	66,929	64,071	5,947	58,123	2,859	4.3	-	45,336
1958.....	116,363	70,275	60.4	67,639	63,036	5,586	57,450	4,602	6.8	-	46,088
1959.....	117,881	70,921	60.2	68,369	64,630	5,565	59,065	3,740	5.5	-	46,960
1960.....	119,759	72,142	60.2	69,628	65,778	5,458	60,318	3,852	5.5	-	47,617
1961.....	121,343	73,031	60.2	70,459	65,746	5,200	60,546	4,714	6.7	-	48,312
1962 <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	-	52,287
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
1972: January.....	144,697	87,147	60.2	84,553	79,106	2,869	76,237	5,447	6.4	5.9	57,550
June.....	145,639	90,448	62.1	88,055	82,629	3,976	78,653	5,426	6.2	5.5	55,191
1973: January.....	147,129	88,122	59.9	85,718	81,043	2,955	78,088	4,675	5.5	5.0	59,008
February.....	147,313	89,075	60.5	86,683	81,838	2,956	78,882	4,845	5.6	5.1	58,238
March.....	147,541	89,686	60.8	87,325	82,814	3,131	79,683	4,512	5.2	5.0	57,856
April.....	147,729	89,823	60.8	87,473	83,299	3,295	80,004	4,174	4.8	5.0	57,906
May.....	147,940	89,891	60.8	87,557	83,758	3,467	80,291	3,799	4.3	5.0	58,050
June.....	148,147	92,729	62.6	90,414	85,567	4,053	81,514	4,847	5.4	4.8	55,417

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

HOUSEHOLD DATA

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

(In thousands)

Year, month, and sex	Total noninstitutional population	Total labor force		Civilian labor force							Not in labor force
		Number	Percent of population	Total	Employed			Unemployed			
					Total	Agriculture	Nonagricultural industries	Number	Percent of labor force		
									Not seasonally adjusted	Seasonally adjusted	
<b>MALE</b>											
1947	50,968	44,258	86.8	42,686	40,994	6,643	34,351	1,692	4.0	-	6,710
1948	51,439	44,729	87.0	43,286	41,726	6,358	35,368	1,559	3.6	-	6,710
1949	51,922	45,097	86.9	43,498	40,926	6,342	34,584	2,572	5.9	-	6,825
1950	52,352	45,446	86.8	43,819	41,580	6,001	35,578	2,239	5.1	-	6,906
1951	52,788	46,063	87.3	43,001	41,780	5,533	36,248	1,221	2.8	-	6,725
1952	53,248	46,416	87.2	42,869	41,684	5,389	36,294	1,185	2.8	-	6,832
1953	54,248	47,131	86.9	43,633	42,431	5,253	37,178	1,202	2.8	-	7,117
1954	54,706	47,275	86.4	43,965	41,620	5,200	36,418	2,344	5.3	-	7,431
1955	55,122	47,488	86.2	44,475	42,621	5,265	37,357	1,854	4.2	-	7,634
1956	55,547	47,914	86.3	45,091	43,380	5,039	38,340	1,711	3.8	-	7,633
1957	56,082	47,964	85.5	45,197	43,357	4,824	38,532	1,841	4.1	-	8,118
1958	56,640	48,126	85.0	45,521	42,423	4,596	37,827	3,098	6.8	-	8,514
1959	57,312	48,405	84.5	45,886	43,466	4,532	38,934	2,420	5.3	-	8,907
1960 <sup>1</sup>	58,144	48,870	84.0	46,388	43,904	4,472	39,431	2,486	5.4	-	9,274
1961	58,826	49,193	83.6	46,653	43,656	4,298	39,359	2,997	6.4	-	9,633
1962 <sup>1</sup>	59,626	49,395	82.8	46,600	44,177	4,069	40,108	2,423	5.2	-	10,231
1963	60,627	49,835	82.2	47,129	44,657	3,809	40,849	2,472	5.2	-	10,792
1964	61,556	50,387	81.9	47,679	45,474	3,691	41,782	2,205	4.6	-	11,169
1965	62,473	50,946	81.5	48,255	46,340	3,547	42,792	1,914	4.0	-	11,527
1966	63,351	51,560	81.4	48,471	46,919	3,243	43,675	1,551	3.2	-	11,792
1967	64,316	52,398	81.5	48,987	47,479	3,164	44,315	1,508	3.1	-	11,919
1968	65,345	53,030	81.2	49,533	48,114	3,157	44,957	1,419	2.9	-	12,315
1969	66,365	53,688	80.9	50,221	48,818	2,963	45,855	1,403	2.8	-	12,677
1970	67,409	54,343	80.6	51,195	48,960	2,861	46,099	2,235	4.4	-	13,066
1971	68,512	54,797	80.0	52,021	49,245	2,790	46,455	2,776	5.3	-	13,715
1972 <sup>1</sup>	69,864	55,671	79.7	53,265	50,630	2,839	47,791	2,635	4.9	-	14,193
1972: January	69,369	54,473	78.5	51,918	48,678	2,423	46,255	3,240	6.2	5.3	14,896
June	69,800	57,050	81.7	54,700	51,874	3,188	48,686	2,827	5.2	4.8	12,749
1973: January	70,493	54,905	77.9	52,548	49,945	2,524	47,420	2,603	5.0	4.2	15,587
February	70,575	55,261	78.3	52,916	50,203	2,489	47,714	2,713	5.1	4.3	15,313
March	70,684	55,734	78.8	53,421	50,890	2,624	48,267	2,530	4.7	4.3	14,950
April	70,770	55,792	78.8	53,489	51,203	2,752	48,451	2,286	4.3	4.4	14,978
May	70,868	55,809	78.8	53,522	51,470	2,841	48,629	2,052	3.8	4.4	15,059
June	70,963	57,857	81.5	55,593	53,150	3,225	49,925	2,443	4.4	4.1	13,106
<b>FEMALE</b>											
1947	52,450	16,683	31.8	16,664	16,045	1,248	14,797	619	3.7	-	35,767
1948	53,088	17,351	32.7	17,335	16,618	1,271	15,347	717	4.1	-	35,737
1949	53,689	17,806	33.2	17,788	16,723	1,314	15,409	1,065	6.0	-	35,883
1950	54,293	18,412	33.9	18,389	17,340	1,159	16,182	1,049	5.7	-	35,881
1951	54,933	19,054	34.7	19,016	18,182	1,193	16,990	834	4.4	-	35,879
1952	55,575	19,314	34.8	19,269	18,570	1,112	17,459	698	3.6	-	36,261
1953 <sup>1</sup>	56,353	19,429	34.5	19,382	18,750	1,008	17,744	632	3.3	-	36,924
1954	56,965	19,718	34.6	19,678	18,490	1,006	17,486	1,188	6.0	-	37,247
1955	57,610	20,584	35.7	20,548	19,550	1,184	18,367	998	4.9	-	37,026
1956	58,264	21,495	36.9	21,461	20,422	1,244	19,177	1,039	4.8	-	36,769
1957	58,983	21,765	36.9	21,732	20,714	1,123	19,591	1,018	4.7	-	37,218
1958	59,723	22,149	37.1	22,118	20,613	990	19,623	1,504	6.8	-	37,574
1959	60,569	22,516	37.2	22,483	21,164	1,033	20,131	1,320	5.9	-	38,053
1960 <sup>1</sup>	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
1972: January	75,328	32,675	43.4	32,635	30,428	446	29,982	2,207	6.8	6.9	42,653
June	75,839	33,397	44.0	33,354	30,755	788	29,967	2,599	7.8	6.7	42,442
1973: January	76,637	33,216	43.3	33,170	31,098	430	30,668	2,072	6.2	6.4	43,421
February	76,738	33,813	44.1	33,767	31,636	468	31,168	2,132	6.3	6.3	42,924
March	76,857	33,952	44.2	33,905	31,923	507	31,416	1,981	5.8	6.1	42,906
April	76,959	34,031	44.2	33,984	32,096	542	31,553	1,888	5.6	6.0	42,928
May	77,073	34,082	44.2	34,035	32,288	626	31,662	1,747	5.1	5.9	42,991
June	77,184	34,872	45.2	34,821	32,417	828	31,588	2,404	6.9	5.9	42,312

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

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

June 1973  
(In thousands)

Sex, age, and color	Total labor force		Civilian labor force				Not in labor force				
	Number	Percent of population	Total	Employed	Unemployed		Total	Keeping house	Going to school	Unable to work	Other reasons
					Number	Percent of labor force					
<b>MALE</b>											
16 years and over .....	57,857	81.5	55,593	53,150	2,443	4.4	13,106	220	1,688	1,853	9,345
16 to 21 years .....	9,419	78.6	8,558	7,440	1,118	13.1	2,568	38	1,300	31	1,199
16 to 19 years .....	6,024	73.7	5,650	4,758	892	15.8	2,152	28	1,085	21	1,017
16 and 17 years .....	2,703	65.0	2,661	2,123	538	20.2	1,458	22	766	9	661
18 and 19 years .....	3,321	82.7	2,989	2,635	354	11.8	694	6	319	12	356
20 to 64 years .....	49,872	91.6	47,982	46,495	1,487	3.1	4,550	97	603	1,310	254
20 to 24 years .....	8,388	90.8	7,459	6,867	592	7.9	850	20	410	48	373
25 to 54 years .....	34,471	95.1	33,512	32,768	743	2.2	1,770	39	191	681	857
25 to 29 years .....	7,323	95.2	6,958	6,700	258	3.7	366	6	121	67	173
30 to 34 years .....	6,122	97.1	5,883	5,766	118	2.0	184	6	40	55	83
35 to 39 years .....	5,247	96.5	5,037	4,940	97	1.9	192	2	18	74	98
40 to 44 years .....	5,305	95.7	5,203	5,113	90	1.7	237	8	5	105	119
45 to 49 years .....	5,387	94.2	5,356	5,263	94	1.7	329	8	2	161	158
50 to 54 years .....	5,088	91.7	5,075	4,988	87	1.7	462	10	6	220	226
55 to 64 years .....	7,013	78.4	7,011	6,860	151	2.2	1,930	37	1	581	1,311
55 to 59 years .....	4,158	86.7	4,156	4,078	78	1.9	640	15	1	271	354
60 to 64 years .....	2,855	68.9	2,855	2,782	73	2.6	1,290	23	--	310	957
65 years and over .....	1,961	23.4	1,961	1,897	64	3.3	6,404	95	--	522	5,787
65 to 69 years .....	1,089	33.9	1,089	1,042	47	4.3	2,125	31	--	173	1,920
70 years and over .....	872	16.9	872	855	17	2.0	4,279	63	--	349	3,867
<b>White</b>											
16 years and over .....	51,827	82.1	49,877	47,943	1,934	3.9	11,279	182	1,318	1,511	8,268
16 to 21 years .....	8,302	80.4	7,573	6,715	858	11.3	2,027	34	1,010	25	958
16 to 19 years .....	5,335	76.0	5,020	4,348	672	13.4	1,689	27	834	16	811
16 and 17 years .....	2,406	67.5	2,370	1,968	402	17.0	1,161	22	585	7	546
18 and 19 years .....	2,929	84.7	2,649	2,379	270	10.2	528	5	249	9	265
20 to 64 years .....	44,709	92.2	43,074	41,871	1,203	2.8	3,781	71	484	1,070	2,158
20 to 24 years .....	7,364	91.6	6,566	6,105	461	7.0	672	13	332	25	302
25 to 54 years .....	30,914	95.7	30,080	29,472	608	2.0	1,404	30	150	554	670
25 to 34 years .....	11,992	96.6	11,469	11,152	317	2.8	422	10	131	97	184
35 to 44 years .....	9,440	96.8	9,169	9,021	149	1.6	312	5	12	141	154
45 to 54 years .....	9,482	93.4	9,442	9,299	142	1.5	668	14	7	315	332
55 to 64 years .....	6,431	79.0	6,429	6,294	135	2.1	1,706	29	1	491	1,185
55 to 59 years .....	3,813	87.2	3,811	3,743	67	1.8	561	11	1	223	326
60 to 64 years .....	2,618	69.6	2,618	2,551	67	2.6	1,144	17	--	268	859
65 years and over .....	1,783	23.5	1,783	1,724	59	3.3	5,809	84	--	425	5,299
<b>Negro and other races</b>											
16 years and over .....	6,030	76.8	5,716	5,207	509	8.9	1,826	38	370	342	1,077
16 to 21 years .....	1,117	67.4	985	725	260	26.4	541	4	290	6	241
16 to 19 years .....	689	59.8	630	410	220	34.9	463	1	251	5	206
16 and 17 years .....	297	49.9	291	155	136	46.7	297	--	181	2	115
18 and 19 years .....	393	70.3	339	255	84	24.8	166	1	70	3	91
20 to 64 years .....	5,163	87.0	4,908	4,624	284	5.8	770	27	119	241	383
20 to 24 years .....	1,024	85.2	893	762	132	14.7	178	7	77	23	71
25 to 54 years .....	3,557	90.6	3,432	3,297	135	3.9	367	11	41	128	187
25 to 34 years .....	1,453	91.9	1,372	1,314	59	4.3	128	2	30	24	71
35 to 44 years .....	1,112	90.5	1,071	1,032	39	3.6	116	4	11	38	64
45 to 54 years .....	993	89.0	989	951	38	3.9	123	4	1	65	53
55 to 64 years .....	582	72.2	582	566	16	2.8	224	9	--	90	125
55 to 59 years .....	345	81.5	345	334	11	3.1	79	3	--	48	28
60 to 64 years .....	237	62.0	237	231	6	2.5	146	5	--	42	98
65 years and over .....	178	23.0	178	173	5	2.9	594	10	--	96	488

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

Sex, age, and color	Total labor force		Civilian labor force				Not in labor force				
	Number	Percent of population	Total	Employed	Unemployed		Total	Keeping house	Going to school	Unable to work	Other reasons
					Number	Percent of labor force					
<b>FEMALE</b>											
16 years and over .....	34,872	45.2	34,821	32,417	2,404	6.9	42,312	35,549	1,736	1,107	3,920
16 to 21 years .....	6,851	58.5	6,826	5,639	1,187	17.4	4,857	2,036	1,471	37	1,313
16 to 19 years .....	4,457	56.0	4,446	3,545	901	20.3	3,496	1,094	1,254	16	1,133
16 and 17 years .....	1,911	47.3	1,911	1,405	507	26.5	2,139	426	884	9	811
18 and 19 years .....	2,546	65.1	2,535	2,140	394	15.6	1,367	668	370	7	322
20 to 64 years .....	29,339	51.1	29,298	27,833	1,465	5.0	28,051	25,564	481	501	1,504
20 to 24 years .....	5,694	62.1	5,667	5,125	542	9.6	3,481	2,809	316	38	318
25 to 54 years .....	19,523	51.3	19,509	18,677	832	4.3	18,538	17,355	158	254	772
25 to 29 years .....	3,887	49.7	3,880	3,609	271	7.0	3,928	3,661	69	26	173
30 to 34 years .....	3,028	46.6	3,025	2,870	155	5.1	3,472	3,290	34	25	124
35 to 39 years .....	2,999	52.8	2,997	2,880	117	3.9	2,680	2,522	25	28	106
40 to 44 years .....	3,142	53.7	3,140	3,042	98	3.1	2,709	2,575	18	33	83
45 to 49 years .....	3,282	53.3	3,281	3,178	103	3.1	2,876	2,658	12	62	143
50 to 54 years .....	3,186	52.6	3,185	3,099	87	2.7	2,873	2,649	--	80	144
55 to 64 years .....	4,122	40.6	4,122	4,031	91	2.2	6,031	5,400	8	209	415
55 to 59 years .....	2,494	46.7	2,494	2,434	60	2.4	2,842	2,574	6	110	152
60 to 64 years .....	1,628	33.8	1,628	1,598	31	1.9	3,189	2,826	1	99	263
65 years and over .....	1,076	9.1	1,076	1,038	38	3.5	10,765	8,892	1	590	1,283
65 to 69 years .....	657	16.4	657	629	28	4.3	3,342	2,897	--	89	357
70 years and over .....	418	5.3	418	408	10	2.4	7,423	5,995	1	501	925
<b>White</b>											
16 years and over .....	30,330	44.6	30,286	28,465	1,821	6.0	37,735	32,093	1,354	832	3,456
16 to 21 years .....	6,012	60.1	5,991	5,105	886	14.8	3,992	1,683	1,157	30	1,122
16 to 19 years .....	3,901	57.6	3,892	3,233	659	16.9	2,877	895	991	15	977
16 and 17 years .....	1,678	48.8	1,678	1,287	391	23.3	1,759	349	698	8	704
18 and 19 years .....	2,223	66.5	2,214	1,945	268	12.1	1,118	546	293	6	273
20 to 64 years .....	25,459	50.5	25,424	24,294	1,129	4.4	25,001	22,974	362	346	1,318
20 to 24 years .....	4,982	63.1	4,959	4,543	416	8.4	2,911	2,391	234	29	257
25 to 54 years .....	16,754	50.2	16,742	16,113	629	3.8	16,619	15,644	121	168	685
25 to 29 years .....	5,786	46.4	5,777	5,482	296	5.1	6,674	6,306	77	30	261
30 to 34 years .....	5,247	52.3	5,245	5,068	176	3.4	4,780	4,531	35	44	170
35 to 44 years .....	5,721	52.6	5,719	5,563	157	2.7	5,165	4,807	9	94	255
55 to 64 years .....	3,723	40.5	3,723	3,639	84	2.3	5,470	4,939	7	149	376
55 to 59 years .....	2,254	46.7	2,254	2,196	58	2.6	2,577	2,363	6	79	129
60 to 64 years .....	1,469	33.7	1,469	1,443	26	1.8	2,893	2,576	1	70	247
65 years and over .....	970	9.0	970	938	33	3.4	9,857	8,224	1	472	1,161
<b>Negro and other races</b>											
16 years and over .....	4,542	49.8	4,535	3,952	583	12.9	4,577	3,456	383	274	464
16 to 21 years .....	838	49.2	834	534	300	36.0	865	353	314	6	191
16 to 19 years .....	556	47.3	554	313	242	43.6	619	198	264	1	156
16 and 17 years .....	233	38.6	233	118	115	49.5	370	77	186	--	107
18 and 19 years .....	323	56.5	321	195	126	39.3	249	121	77	1	49
20 to 64 years .....	3,881	56.0	3,875	3,539	336	8.7	3,050	2,589	119	155	186
20 to 24 years .....	712	55.5	708	582	126	17.8	570	418	82	9	61
25 to 54 years .....	2,770	59.1	2,768	2,565	203	7.3	1,919	1,711	37	86	86
25 to 29 years .....	1,129	60.8	1,128	997	131	11.6	727	644	26	21	35
30 to 34 years .....	893	59.5	893	854	39	4.4	609	566	8	17	19
35 to 44 years .....	747	56.1	747	714	33	4.4	583	500	3	48	32
55 to 64 years .....	399	41.6	399	392	7	1.7	560	461	1	60	39
55 to 59 years .....	239	47.4	239	237	2	.8	265	211	--	31	23
60 to 64 years .....	160	35.1	160	155	5	3.0	295	250	1	29	16
65 years and over .....	105	10.4	105	100	5	5.2	908	669	--	188	122



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

Sex, age, and color	Total labor force				Civilian labor force			
	Thousands of persons		Participation rate		Thousands of persons		Participation rate	
	June 1973	June 1972	June 1973	June 1972	June 1973	June 1972	June 1973	June 1972
<b>MALE</b>								
16 years and over .....	57,857	57,050	81.5	81.7	55,593	54,700	80.9	81.1
16 to 19 years .....	6,024	5,736	73.7	71.7	5,560	5,408	72.4	70.5
16 and 17 years .....	2,703	2,527	65.0	61.8	2,661	2,496	64.6	61.5
18 and 19 years .....	3,321	3,208	82.7	82.2	2,989	2,911	81.2	80.7
20 to 24 years .....	8,388	8,140	90.8	89.9	7,459	7,092	89.8	88.5
25 to 54 years .....	34,471	33,956	95.1	95.4	33,512	32,986	95.0	95.3
25 to 34 years .....	13,444	12,808	96.1	96.0	12,841	12,205	95.9	95.8
35 to 44 years .....	10,552	10,647	96.1	96.5	10,240	10,330	96.0	96.4
45 to 54 years .....	10,475	10,501	93.0	93.5	10,431	10,451	92.9	93.5
55 to 64 years .....	7,013	7,172	78.4	80.9	7,011	7,169	78.4	80.9
55 to 59 years .....	4,158	4,178	86.7	87.6	4,156	4,175	86.7	87.6
60 to 64 years .....	2,855	2,994	68.9	73.1	2,885	2,994	68.9	73.1
65 years and over .....	1,961	2,046	23.4	24.7	1,961	2,046	23.4	24.7
<b>White</b>								
16 years and over .....	51,827	51,194	82.1	82.2	49,877	49,134	81.6	81.6
16 to 19 years .....	5,335	5,052	76.0	73.3	5,020	4,766	74.8	72.1
16 and 17 years .....	2,406	2,221	67.5	63.2	2,370	2,193	67.1	62.9
18 and 19 years .....	2,929	2,831	84.7	83.8	2,649	2,573	83.4	82.5
20 to 24 years .....	7,364	7,168	91.6	90.2	6,566	6,243	90.7	88.9
25 to 54 years .....	30,914	30,535	95.7	95.9	30,080	29,688	95.5	95.7
25 to 34 years .....	11,992	11,470	96.6	96.4	11,469	10,946	96.4	96.2
35 to 44 years .....	9,440	9,530	96.8	97.0	9,169	9,253	96.7	96.9
45 to 54 years .....	9,482	9,535	93.4	94.1	9,442	9,489	93.4	94.1
55 to 64 years .....	6,431	6,589	79.0	81.7	6,429	6,586	79.0	81.7
55 to 59 years .....	3,813	3,833	87.2	88.2	3,811	3,831	87.2	88.2
60 to 64 years .....	2,618	2,755	69.6	74.1	2,618	2,755	69.6	74.1
65 years and over .....	1,783	1,851	23.5	24.6	1,783	1,851	23.5	24.6
<b>Negro and other races</b>								
16 years and over .....	6,030	5,856	76.8	77.8	5,716	5,567	75.8	77.0
16 to 19 years .....	689	684	59.8	62.0	630	641	57.7	60.5
16 and 17 years .....	296	307	49.9	53.3	291	304	49.5	53.0
18 and 19 years .....	393	377	70.3	71.5	338	339	67.2	69.3
20 to 24 years .....	1,024	973	85.2	87.5	893	849	83.4	85.9
25 to 54 years .....	3,557	3,421	90.6	91.4	3,432	3,297	90.3	91.1
25 to 34 years .....	1,453	1,338	91.9	92.9	1,372	1,259	91.5	92.5
35 to 44 years .....	1,112	1,117	90.5	92.8	1,071	1,076	90.2	92.6
45 to 54 years .....	993	966	89.0	88.0	989	962	89.0	87.9
55 to 64 years .....	582	584	72.2	72.9	582	584	72.2	72.8
55 to 59 years .....	345	345	81.5	81.4	345	345	81.5	81.4
60 to 64 years .....	237	239	62.0	63.3	237	239	62.0	63.3
65 years and over .....	178	195	23.0	25.5	178	195	23.0	25.5

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

Sex, age, and color	Total labor force				Civilian labor force			
	Thousands of persons		Participation rate		Thousands of persons		Participation rate	
	June 1973	June 1972	June 1973	June 1972	June 1973	June 1972	June 1973	June 1972
<b>FEMALE</b>								
16 years and over .....	34,872	33,397	45.2	44.0	34,821	33,354	45.1	44.0
16 to 19 years .....	4,457	4,123	56.0	53.0	4,446	4,114	56.0	53.0
16 and 17 years .....	1,911	1,745	47.3	44.0	1,911	1,745	47.3	44.0
18 and 19 years .....	2,546	2,378	65.1	62.4	2,535	2,369	65.0	62.3
20 to 24 years .....	5,694	5,366	62.1	59.5	5,667	5,344	61.9	59.4
25 to 34 years .....	19,523	18,632	51.3	49.8	19,509	18,620	51.3	49.8
25 to 34 years .....	6,915	6,316	48.3	46.2	6,906	6,308	48.3	46.1
35 to 44 years .....	6,141	5,862	53.3	50.6	6,138	5,859	53.2	50.6
45 to 54 years .....	6,468	6,455	52.9	53.1	6,466	6,453	52.9	53.1
55 to 64 years .....	4,122	4,206	40.6	42.0	4,122	4,206	40.6	42.0
55 to 59 years .....	2,494	2,528	46.7	47.8	2,494	2,528	46.7	47.8
60 to 64 years .....	1,628	1,678	33.8	35.5	1,628	1,678	33.8	35.5
65 years and over .....	1,076	1,069	9.1	9.2	1,076	1,069	9.1	9.2
<b>White</b>								
16 years and over .....	30,330	29,031	44.6	43.3	30,286	28,993	44.5	43.2
16 to 19 years .....	3,901	3,671	57.6	55.1	3,892	3,663	57.5	55.1
16 and 17 years .....	1,678	1,562	48.8	46.1	1,678	1,562	48.8	46.1
18 and 19 years .....	2,223	2,108	66.5	64.4	2,214	2,101	66.4	64.4
20 to 24 years .....	4,982	4,665	63.1	59.7	4,959	4,646	63.0	59.6
25 to 34 years .....	16,754	15,968	50.2	48.5	16,742	15,957	50.2	48.4
25 to 34 years .....	5,786	5,293	46.4	44.2	5,777	5,286	46.4	44.2
35 to 44 years .....	5,247	4,961	52.3	49.0	5,245	4,958	52.3	49.0
45 to 54 years .....	5,721	5,714	52.6	52.6	5,719	5,712	52.5	52.6
55 to 64 years .....	3,723	3,793	40.5	41.8	3,723	3,793	40.5	41.8
55 to 59 years .....	2,254	2,278	46.7	47.6	2,254	2,278	46.7	47.6
60 to 64 years .....	1,469	1,515	33.7	35.3	1,469	1,515	33.7	35.3
65 years and over .....	970	934	9.0	8.8	970	934	9.0	8.8
<b>Negro and other races</b>								
16 years and over .....	4,542	4,367	49.8	50.1	4,535	4,361	49.8	50.0
16 to 19 years .....	556	453	47.3	40.4	554	451	47.3	40.4
16 and 17 years .....	233	182	38.6	31.4	233	182	38.6	31.4
18 and 19 years .....	323	270	56.5	50.2	321	269	56.4	50.1
20 to 24 years .....	712	701	55.5	58.3	708	698	55.4	58.1
25 to 34 years .....	2,770	2,665	59.1	59.4	2,768	2,663	59.1	59.4
25 to 34 years .....	1,129	1,023	60.8	59.5	1,128	1,022	60.8	59.5
35 to 44 years .....	893	901	59.5	61.1	893	901	59.5	61.1
45 to 54 years .....	747	741	56.1	57.4	747	741	56.1	57.4
55 to 64 years .....	399	414	41.6	44.3	399	414	41.6	44.3
55 to 59 years .....	239	250	47.4	50.5	239	250	47.4	50.5
60 to 64 years .....	160	164	35.1	37.2	160	164	35.1	37.2
65 years and over .....	105	135	10.4	13.8	105	135	10.4	13.8

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

Employment status	Total			White			Negro and other races		
	Both sexes	Male	Female	Both sexes	Male	Female	Both sexes	Male	Female
Total noninstitutional population	23,694	11,987	11,707	20,333	10,329	10,004	3,361	1,658	1,703
Total labor force	16,269	9,419	6,851	14,314	8,302	6,012	1,955	1,117	838
Percent of population	68.7	78.6	58.5	70.4	80.4	60.1	58.2	67.4	49.2
Civilian labor force	15,383	8,558	6,826	13,564	7,573	5,991	1,819	985	834
Employed	13,079	7,440	5,639	11,820	6,715	5,105	1,259	725	534
Agriculture	808	681	127	739	631	108	69	50	19
Nonagricultural industries	12,271	6,759	5,513	11,081	6,084	4,997	1,190	675	515
Unemployed	2,304	1,118	1,187	1,744	858	886	560	260	300
Percent of labor force	15.4	13.1	17.4	12.9	11.3	14.8	30.8	26.4	36.0
Looking for full-time work	1,707	853	855	1,268	645	623	440	208	232
Looking for part-time work	597	265	332	476	213	263	121	52	69
Not in labor force	7,425	2,568	4,857	6,019	2,027	3,992	1,406	541	865
Major activity: going to school									
Civilian labor force	892	421	472	762	368	394	131	53	78
Employed	633	299	334	568	279	289	65	21	44
Agriculture	16	15	1	15	13	2	2	3	--
Nonagricultural industries	617	284	333	554	266	288	63	18	45
Unemployed	260	121	138	194	90	104	66	32	34
Percent of labor force	29.1	28.9	29.3	25.4	24.3	26.5	50.4	(1)	43.5
Looking for full-time work	150	71	79	114	56	58	37	15	22
Looking for part-time work	109	50	59	80	33	47	29	17	12
Not in labor force	2,771	1,300	1,471	2,167	1,010	1,157	604	290	314
Major activity: other									
Civilian labor force	14,491	8,137	6,354	12,802	7,204	5,598	1,689	933	756
Employed	12,446	7,141	5,306	11,252	6,436	4,816	1,194	704	490
Agriculture	792	666	126	724	618	106	68	48	20
Nonagricultural industries	11,654	6,475	5,180	10,528	5,818	4,710	1,127	657	470
Unemployed	2,045	996	1,049	1,550	768	782	495	228	266
Percent of labor force	14.1	12.2	16.5	12.1	10.7	14.0	29.3	24.5	35.2
Looking for full-time work	1,557	781	776	1,154	589	566	403	193	210
Looking for part-time work	488	215	273	396	180	217	92	35	56
Not in labor force	4,653	1,268	3,386	3,852	1,017	2,835	801	251	550

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

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

Employment status and color	Total		Men, 20 years and over		Women, 20 years and over		Both sexes, 16-19 years	
	June 1973	June 1972	June 1973	June 1972	June 1973	June 1972	June 1973	June 1972
<b>Total</b>								
Total noninstitutional population	148,147	145,639	62,787	61,805	69,230	68,063	16,129	15,771
Total labor force	92,729	90,448	51,833	51,315	30,415	29,274	10,481	9,859
Percent of population	62.6	62.1	82.6	83.0	43.9	43.0	65.0	62.5
Civilian labor force	90,414	88,055	49,943	49,293	30,374	29,240	10,097	9,522
Employed	85,567	82,629	48,392	47,391	28,871	27,597	8,303	7,641
Agriculture	4,053	3,976	2,694	2,642	721	669	638	665
Nonagricultural industries	81,514	78,653	45,698	44,749	28,150	26,927	7,665	6,977
Unemployed	4,847	5,426	1,551	1,902	1,503	1,643	1,793	1,880
Percent of labor force	5.4	6.2	3.1	3.9	4.9	5.6	17.8	19.7
Not in labor force	55,417	55,191	10,954	10,490	38,816	38,789	5,648	5,912
<b>White</b>								
Total noninstitutional population	131,172	129,394	56,083	55,385	61,287	60,460	13,802	13,549
Total labor force	82,158	80,225	46,492	46,142	26,429	25,360	9,236	8,723
Percent of population	62.6	62.0	82.9	83.3	43.1	41.9	66.9	64.4
Civilian labor force	80,163	78,127	44,857	44,368	26,394	25,330	8,912	8,429
Employed	76,408	73,827	43,595	42,783	25,232	24,061	7,580	6,983
Agriculture	3,676	3,590	2,429	2,389	664	612	583	589
Nonagricultural industries	72,732	70,238	41,166	40,394	24,569	23,449	6,998	6,394
Unemployed	3,775	4,299	1,262	1,584	1,162	1,269	1,332	1,446
Percent of labor force	4.7	5.5	2.8	3.6	4.4	5.0	14.9	17.2
Not in labor force	49,014	49,169	9,590	9,243	34,858	35,100	4,566	4,827
<b>Negro and other races</b>								
Total noninstitutional population	16,975	16,245	6,704	6,420	7,944	7,603	2,327	2,222
Total labor force	10,571	10,223	5,341	5,173	3,986	3,914	1,245	1,136
Percent of population	62.3	62.9	79.7	80.6	50.2	51.5	53.5	51.1
Civilian labor force	10,251	9,928	5,086	4,925	3,980	3,910	1,185	1,093
Employed	9,159	8,802	4,797	4,608	3,639	3,535	723	659
Agriculture	377	386	264	253	57	57	55	76
Nonagricultural industries	8,782	8,415	4,532	4,355	3,582	3,478	668	583
Unemployed	1,092	1,126	289	318	341	375	462	434
Percent of labor force	10.7	11.3	5.7	6.4	8.6	9.6	39.0	39.7
Not in labor force	6,403	6,022	1,364	1,247	3,958	3,689	1,082	1,086

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

June 1973

(Numbers in thousands)

Age and sex	Full-time labor force					Part-time labor force			
	Total	Employed		Unemployed (looking for full-time work)		Total	Employed on voluntary part time <sup>1</sup>	Unemployed (looking for part-time work)	
		Full-time schedules <sup>1</sup>	Part time for economic reasons	Number	Percent of full-time labor force			Number	Percent of part-time labor force
<b>TOTAL</b>									
Total, 16 years and over	79,151	72,046	3,185	3,920	5.0	11,263	10,336	928	8.2
16 to 21 years	11,923	8,823	1,393	1,707	14.3	3,460	2,863	597	17.3
16 to 19 years	7,231	4,818	1,131	1,282	17.7	2,865	2,354	511	17.8
16 to 17 years	2,716	1,399	661	656	24.2	1,856	1,468	389	20.9
18 to 19 years	4,515	3,419	470	626	13.9	1,009	886	123	12.2
20 years and over	71,919	67,228	2,053	2,638	3.7	8,398	7,982	416	5.0
20 to 24 years	11,909	10,369	540	1,000	8.4	1,218	1,083	134	11.0
25 years and over	60,010	56,859	1,513	1,638	2.7	7,181	6,899	282	3.9
25 to 54 years	48,369	45,854	1,131	1,383	2.9	4,653	4,460	193	4.1
55 years and over	11,642	11,005	382	254	2.2	2,528	2,438	89	3.5
<b>Males, 16 years and over</b>	52,140	48,476	1,589	2,075	4.0	3,453	3,085	368	10.7
16 to 21 years	7,061	5,430	778	853	12.1	1,496	1,231	265	17.7
16 to 19 years	4,356	3,060	640	657	15.1	1,294	1,059	236	18.2
20 years and over	47,784	45,416	949	1,418	3.0	2,159	2,026	133	6.1
20 to 24 years	7,046	6,216	286	545	7.7	413	365	47	11.5
25 years and over	40,737	39,202	664	874	2.1	1,746	1,661	86	4.9
25 to 54 years	32,912	31,729	482	702	2.1	601	559	42	7.0
55 years and over	7,825	7,473	182	171	2.2	1,145	1,103	44	3.8
<b>Females, 16 years and over</b>	27,010	23,570	1,596	1,845	6.8	7,810	7,251	560	7.2
16 to 21 years	4,862	3,393	614	855	17.6	1,964	1,632	332	16.9
16 to 19 years	2,875	1,759	491	625	21.7	1,571	1,295	276	17.6
20 years and over	24,135	21,812	1,104	1,219	5.1	6,240	5,956	284	4.5
20 to 24 years	4,863	4,153	254	455	9.4	805	718	87	10.8
25 years and over	19,272	17,658	850	764	4.0	5,434	5,237	197	3.6
25 to 54 years	15,457	14,126	650	681	4.4	4,052	3,902	151	3.7
55 years and over	3,815	3,532	201	83	2.2	1,381	1,336	46	3.3
<b>WHITE</b>									
<b>Males, 16 years and over</b>	46,792	43,839	1,320	1,633	3.5	3,085	2,784	301	9.8
16 to 21 years	6,232	4,919	668	645	10.3	3,141	1,128	213	15.9
16 to 19 years	3,868	2,833	549	486	12.6	1,152	966	186	16.1
20 years and over	42,924	41,006	771	1,147	2.7	1,933	1,818	115	5.9
20 to 24 years	6,195	5,523	253	419	6.8	371	329	42	11.2
25 years and over	36,729	35,482	518	728	2.0	1,562	1,490	73	4.7
25 to 54 years	29,554	28,612	370	572	1.9	525	489	36	6.9
55 years and over	7,175	6,870	148	156	2.2	1,037	1,000	37	3.6
<b>Females, 16 years and over</b>	23,310	20,601	1,335	1,374	5.9	6,976	6,530	447	6.4
16 to 21 years	4,237	3,081	533	623	14.7	1,755	1,491	263	15.0
16 to 19 years	2,482	1,613	428	441	17.8	1,410	1,192	218	15.5
20 years and over	20,828	18,988	906	934	4.5	5,566	5,338	228	4.1
20 to 24 years	4,238	3,671	214	354	8.3	721	658	63	8.7
25 years and over	16,589	15,317	693	580	3.5	4,845	4,680	166	3.4
25 to 54 years	13,092	12,069	521	502	3.8	3,649	3,523	127	3.5
55 years and over	3,497	3,247	173	78	2.2	1,196	1,157	39	3.3
<b>NEGRO AND OTHER RACES</b>									
<b>Males, 16 years and over</b>	5,348	4,637	269	442	8.3	368	301	67	18.3
16 to 21 years	830	511	110	208	25.1	156	103	52	33.6
16 to 19 years	488	226	91	170	34.9	143	93	50	34.8
20 years and over	4,860	4,410	178	271	5.6	225	208	18	7.8
20 to 24 years	852	692	33	126	14.8	42	36	6	(2)
25 years and over	4,009	3,718	145	146	3.6	183	172	12	6.6
25 to 54 years	3,357	3,116	111	130	3.9	74	69	6	(2)
55 years and over	651	602	34	15	2.3	109	103	6	5.5
<b>Females, 16 years and over</b>	3,701	2,970	261	470	12.7	834	721	113	13.5
16 to 21 years	625	312	81	232	37.1	209	141	69	32.8
16 to 19 years	394	146	63	184	46.9	161	103	57	35.6
20 years and over	3,307	2,824	198	286	8.6	673	618	56	8.3
20 to 24 years	624	482	40	102	16.3	84	60	24	28.9
25 years and over	2,683	2,341	157	185	6.9	589	558	32	5.4
25 to 54 years	2,364	2,056	129	179	7.7	404	380	25	6.2
55 years and over	319	285	28	6	1.9	185	178	7	3.8

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

A- 8: Unemployed persons by sex and age

Age	Male				Female			
	Thousands of persons		Unemployment rates		Thousands of persons		Unemployment rates	
	June 1973	June 1972	June 1973	June 1972	June 1973	June 1972	June 1973	June 1972
<b>Total, 16 years and over</b> .....	2,443	2,827	4.4	5.2	2,404	2,599	6.9	7.8
16 to 19 years .....	892	925	15.8	17.1	901	956	20.3	23.2
16 and 17 years .....	538	480	20.2	19.2	507	484	26.5	27.7
18 and 19 years .....	354	444	11.8	15.3	394	472	15.6	19.9
20 years and over .....	1,551	1,902	3.1	3.9	1,503	1,643	4.9	5.6
20 to 24 years .....	592	667	7.8	9.4	542	581	9.6	10.9
25 years and over .....	959	1,235	2.3	2.9	961	1,063	3.9	4.4
25 to 34 years .....	376	432	2.9	3.5	427	380	6.2	6.0
35 to 44 years .....	187	249	1.8	2.4	216	287	3.5	4.9
45 to 54 years .....	181	275	1.7	2.6	190	197	2.9	3.1
55 to 64 years .....	151	217	2.2	3.0	91	165	2.2	3.9
55 to 59 years .....	78	119	1.9	2.9	60	102	2.4	4.0
60 to 64 years .....	73	97	2.6	3.2	31	63	1.9	3.8
65 years and over .....	64	63	3.3	3.1	38	34	3.5	3.2
<b>Household head, 16 years and over</b> .....	948	1,215	2.2	2.8	421	404	5.7	5.7
16 to 24 years .....	179	211	4.3	5.5	88	93	10.5	11.1
25 to 54 years .....	566	741	1.8	2.4	261	2,410	6.1	5.9
55 years and over .....	203	262	2.3	2.9	72	72	3.3	3.2

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

Marital status, age, and color	Male				Female			
	Thousands of persons		Unemployment rates		Thousands of persons		Unemployment rates	
	June 1973	June 1972	June 1973	June 1972	June 1973	June 1972	June 1973	June 1972
<b>Total, 16 years and over</b> .....	2,443	2,827	4.4	5.2	2,404	2,599	6.9	7.8
Married, spouse present .....	782	991	2.0	2.5	856	981	4.4	5.3
Widowed, divorced, or separated .....	191	228	5.8	7.4	376	371	6.1	6.0
Single (never married) .....	1,470	1,608	11.8	13.4	1,172	1,247	12.9	14.6
<b>Total, 20 to 64 years of age</b> .....	1,487	1,839	3.1	3.9	1,465	1,609	5.0	5.7
Married, spouse present .....	728	914	1.9	2.4	758	897	4.0	5.0
Widowed, divorced, or separated .....	167	215	5.5	7.8	320	335	5.8	6.1
Single (never married) .....	592	710	8.5	10.4	387	377	7.7	7.9
<b>White, 16 years and over</b> .....	1,934	2,304	3.9	4.7	1,821	1,995	6.0	6.9
Married, spouse present .....	656	870	1.8	2.4	711	810	4.1	4.9
Widowed, divorced, or separated .....	157	164	5.9	6.7	265	268	5.4	5.5
Single (never married) .....	1,122	1,270	10.3	12.1	845	918	10.8	12.3
<b>White, 20 to 64 years of age</b> .....	1,203	1,532	2.8	3.6	1,129	1,241	4.4	5.1
Married, spouse present .....	609	808	1.8	2.3	636	737	3.8	4.6
Widowed, divorced, or separated .....	133	154	5.5	7.0	221	240	5.1	5.6
Single (never married) .....	462	572	7.7	9.6	270	263	6.4	6.5
<b>Negro and other races, 16 years and over</b> .....	509	523	8.9	9.4	583	604	12.9	13.8
Married, spouse present .....	126	122	3.6	3.5	146	172	7.1	8.6
Widowed, divorced, or separated .....	34	64	5.2	10.1	110	103	9.0	8.4
Single (never married) .....	349	337	22.4	22.6	327	329	26.1	29.1
<b>Negro and other races, 20 to 64 years of age</b> .....	284	307	5.8	6.5	336	369	8.7	9.8
Married, spouse present .....	120	108	3.6	3.3	121	159	6.2	8.2
Widowed, divorced, or separated .....	34	61	5.6	10.6	99	96	8.5	8.5
Single (never married) .....	130	138	13.9	15.9	116	114	15.3	16.1

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

Occupation	Thousands of persons		Unemployment rates					
			Total		Male		Female	
	June 1973	June 1972	June 1973	June 1972	June 1973	June 1972	June 1973	June 1972
<b>TOTAL</b> .....	4,847	5,246	5.4	6.2	4.4	5.2	6.9	7.8
White-collar workers .....	1,315	1,461	3.2	3.7	2.2	2.6	4.2	4.8
Professional and technical .....	318	332	2.8	2.9	2.4	2.5	3.3	3.6
Managers and administrators, except farm .....	121	110	1.4	1.4	1.2	1.3	2.5	1.7
Sales workers .....	208	249	3.6	4.5	2.7	3.5	4.9	5.8
Clerical workers .....	667	770	4.4	5.1	3.4	4.4	4.7	5.3
Blue-collar workers .....	1,620	1,918	5.0	6.1	4.3	5.5	8.3	9.1
Craftsmen and kindred workers .....	364	431	3.0	3.7	2.7	3.7	8.8	6.3
Carpenters and other construction craftsmen .....	181	195	4.8	5.2	4.7	5.2	(1)	(1)
All other .....	183	236	2.2	3.0	1.8	2.9	8.4	5.7
Operatives, except transport .....	697	878	5.9	7.7	4.6	6.6	7.9	9.5
Transport equipment operatives .....	136	128	4.1	3.8	3.8	3.8	9.3	4.7
Nonfarm laborers .....	422	480	8.0	9.1	7.8	9.1	11.6	9.0
Construction laborers .....	108	161	8.9	13.7	8.6	13.7	--	--
All other .....	314	319	7.8	7.7	7.5	7.6	11.1	8.9
Service workers .....	683	791	5.7	6.7	5.1	6.6	6.1	6.7
Private household .....	90	56	6.5	3.8	--	--	6.3	3.9
All other .....	594	735	5.6	7.1	5.0	6.6	6.0	7.4
Farmers and farm laborers .....	78	81	4.2	2.3	4.9	2.1	2.8	2.8
No previous work experience .....	1,148	1,175	--	--	--	--	--	--
16 to 19 years .....	965	1,015	--	--	--	--	--	--
20 to 24 years .....	130	123	--	--	--	--	--	--
25 years and over .....	54	37	--	--	--	--	--	--

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

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

Industry	Percent distribution		Unemployment rates					
			Total		Male		Female	
	June 1973	June 1972	June 1973	June 1972	June 1973	June 1972	June 1973	June 1972
<b>Total</b> .....	100.0	100.0	5.4	6.2	4.4	5.2	6.9	7.8
Nonagricultural private wage and salary workers .....	63.6	66.2	4.7	5.7	3.9	5.0	6.0	6.7
Mining .....	.2	.2	1.7	1.8	1.7	1.5	2.0	(1)
Construction .....	6.4	6.3	6.4	7.7	6.4	7.9	5.6	4.9
Manufacturing .....	18.7	20.9	4.2	5.4	3.1	4.4	6.9	8.0
Durable goods .....	9.0	11.7	3.4	5.3	3.1	4.3	4.5	8.9
Primary metal industries .....	1.1	1.1	3.7	4.5	3.5	4.0	5.0	9.4
Fabricated metal products .....	1.5	2.0	4.8	7.6	4.6	6.5	6.1	12.2
Machinery .....	1.1	1.4	2.4	3.6	2.1	3.1	4.2	6.6
Electrical equipment .....	1.3	1.9	2.7	5.1	1.8	2.7	4.0	9.0
Motor vehicles and equipment .....	.1	.9	.6	4.6	.8	4.7	(1)	4.4
All other transportation equipment .....	1.2	1.7	5.5	8.9	4.9	7.4	9.6	18.2
Other durable goods industries .....	2.7	2.8	4.2	4.8	4.0	4.0	5.8	7.6
Nondurable goods .....	9.7	9.2	5.3	5.7	3.1	4.5	8.8	7.4
Food and kindred products .....	2.5	2.2	6.6	6.6	4.3	4.8	12.3	11.9
Textile mill products .....	1.1	.9	5.4	4.9	3.2	3.4	7.9	6.4
Apparel and other finished textile products .....	2.5	1.8	8.0	6.1	4.8	6.4	8.9	6.0
Other nondurable goods industries .....	3.7	4.3	4.0	5.3	2.4	4.3	7.7	7.5
Transportation and public utilities .....	3.3	2.8	3.5	3.1	3.4	2.6	3.7	5.2
Railroads and railway express .....	.3	.2	2.2	1.7	2.3	1.7	1.1	(1)
Other transportation .....	2.0	1.5	4.6	3.8	4.4	3.3	5.7	6.4
Communication and other public utilities .....	1.0	1.1	2.5	2.9	2.4	2.0	2.8	4.8
Wholesale and retail trade .....	18.8	20.5	5.7	7.1	4.7	6.0	7.0	8.6
Finance, insurance, and real estate .....	2.0	2.2	2.3	2.9	1.0	2.8	3.4	3.0
Service industries .....	14.3	13.2	5.2	5.5	4.6	6.0	5.5	5.3
Professional services .....	5.4	4.7	3.8	4.0	3.1	3.8	4.2	4.1
All other service industries .....	8.9	8.5	6.6	7.1	5.7	7.6	7.3	6.7
Agricultural wage and salary workers .....	1.9	1.8	5.6	6.1	5.2	6.0	7.7	6.7
All other classes of workers .....	10.8	10.4	2.3	2.6	1.1	2.1	3.1	3.4
No previous work experience .....	23.7	21.7	--	--	--	--	--	--

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

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

Reason for unemployment	Total unemployed		Male, 20 years and over		Female, 20 years and over		Both sexes, 16 to 19 years		White		Negro and other races	
	June 1973	June 1972	June 1973	June 1972	June 1973	June 1972	June 1973	June 1972	June 1973	June 1972	June 1973	June 1972
<b>Unemployment level</b>												
Total unemployed, in thousands . . . . .	4,847	5,426	1,551	1,902	1,503	1,643	1,793	1,880	3,755	4,299	1,092	1,126
Lost last job . . . . .	1,514	1,912	802	1,088	544	616	169	208	1,211	1,579	304	333
Left last job . . . . .	650	600	266	208	248	272	136	120	522	516	128	84
Reentered labor force . . . . .	1,540	1,745	406	549	606	655	529	541	1,179	1,334	361	410
Never worked before . . . . .	1,143	1,169	77	57	106	101	960	1,011	843	870	300	299
Total unemployed, percent distribution . . . . .	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Lost last job . . . . .	31.2	35.3	51.7	57.2	36.2	37.5	9.4	11.1	32.3	36.7	27.8	29.6
Left last job . . . . .	13.4	11.1	17.2	10.9	16.5	16.6	7.6	6.4	13.9	12.0	11.7	7.5
Reentered labor force . . . . .	31.8	32.2	26.2	28.8	40.3	39.9	29.5	28.8	31.4	31.0	33.1	36.4
Never worked before . . . . .	23.6	21.5	5.0	3.0	7.0	6.1	53.5	53.8	22.5	20.2	27.5	26.5
<b>Unemployment rate</b>												
Total unemployment rate . . . . .	5.4	6.2	3.1	3.9	4.9	5.6	17.8	19.7	4.7	5.5	10.7	11.3
Job-loser rate <sup>1</sup> . . . . .	1.7	2.2	1.6	2.2	1.7	2.1	1.7	2.2	1.5	2.1	2.9	3.4
Job-leaver rate <sup>1</sup> . . . . .	.7	.7	.5	.4	.8	.9	1.3	1.3	.7	.7	1.3	.8
Reentrant rate <sup>1</sup> . . . . .	1.7	2.0	.8	1.1	2.0	2.2	5.2	5.7	1.5	1.7	3.5	4.1
New entrant rate <sup>1</sup> . . . . .	1.3	1.3	.2	.1	.3	.3	9.5	10.6	1.1	1.1	2.9	3.0

<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

June 1973  
(Percent distribution)

Reason, sex, and age	Total unemployed		Duration of unemployment				
	Thousands of persons	Percent	Less than 5 weeks	5 to 14 weeks	15 weeks and over	15 to 26 weeks	27 weeks and over
Total, 16 years and over . . . . .	4,847	100.0	63.0	21.0	16.0	9.1	6.9
Lost last job . . . . .	1,514	100.0	47.0	25.7	27.3	15.9	11.4
Left last job . . . . .	650	100.0	62.5	19.7	17.8	9.2	8.6
Reentered labor force . . . . .	1,540	100.0	69.9	19.0	11.1	6.5	4.6
Never worked before . . . . .	1,143	100.0	75.1	18.3	6.6	3.4	3.2
Male, 20 years and over . . . . .	1,551	100.0	47.9	24.6	27.6	15.0	12.6
Lost last job . . . . .	802	100.0	41.1	25.8	33.0	18.8	14.2
Left last job . . . . .	266	100.0	54.9	21.4	23.7	11.3	12.4
Reentered labor force . . . . .	406	100.0	56.9	22.9	20.5	11.6	8.9
Never worked before . . . . .	77	100.0	47.3	30.3	22.4	6.6	15.8
Female, 20 years and over . . . . .	1,503	100.0	60.8	22.9	16.2	9.2	7.0
Lost last job . . . . .	544	100.0	48.2	27.0	24.9	14.2	10.7
Left last job . . . . .	248	100.0	57.4	23.0	19.8	10.9	8.9
Reentered labor force . . . . .	606	100.0	70.1	21.0	8.9	5.6	3.3
Never worked before . . . . .	106	100.0	79.2	13.2	7.6	1.9	5.7
Both sexes, 16 to 19 years . . . . .	1,793	100.0	77.8	16.4	5.8	3.8	2.0
Lost last job . . . . .	169	100.0	71.0	21.3	7.7	7.7	—
Left last job . . . . .	136	100.0	86.0	11.0	2.9	2.2	.7
Reentered labor force . . . . .	529	100.0	79.9	13.5	6.6	3.6	3.0
Never worked before . . . . .	960	100.0	76.8	17.9	5.3	3.3	2.0

<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

June 1973

Sex, age, and color	Thousands of persons		Methods used as a percent of total jobseekers					Average number of methods used	
	Total unemployed	Total jobseekers	Public employment agency	Private employment agency	Employer directly	Placed or answered ads	Friends or relatives		Other
Total .....	4,847	4,244	27.2	6.7	74.4	24.3	13.2	5.4	1.51
16 to 19 years .....	1,793	1,665	21.6	4.0	80.2	19.1	13.4	2.2	1.41
20 to 24 years .....	1,134	994	30.0	7.7	75.3	29.0	13.0	4.4	1.59
25 to 34 years .....	803	677	33.2	9.3	69.3	26.0	14.6	7.5	1.60
35 to 44 years .....	403	346	38.2	9.5	66.2	30.1	9.8	8.4	1.62
45 to 54 years .....	370	294	25.5	9.2	69.7	26.5	11.9	11.9	1.55
55 to 64 years .....	242	185	24.9	8.1	64.9	25.9	20.5	12.4	1.57
65 years and over .....	102	84	26.2	2.4	59.5	23.8	2.4	10.7	1.25
<b>Males</b> .....	2,443	2,129	28.2	6.7	76.1	24.9	13.9	7.1	1.57
16 to 19 years .....	892	813	21.0	3.7	82.2	18.3	13.7	3.4	1.42
20 to 24 years .....	592	506	32.4	8.1	77.7	28.7	13.8	5.3	1.66
25 to 34 years .....	376	305	40.0	9.5	72.1	32.8	17.7	6.9	1.79
35 to 44 years .....	187	178	39.9	9.6	65.2	34.8	11.2	11.2	1.72
45 to 54 years .....	181	152	23.7	6.6	69.7	23.7	13.8	19.7	1.57
55 to 64 years .....	151	126	23.8	10.3	67.5	21.4	17.5	15.1	1.56
65 years and over .....	64	49	(1)	(1)	(1)	(1)	(1)	(1)	(1)
<b>Females</b> .....	2,404	2,115	26.2	6.6	72.6	23.7	12.5	3.6	1.45
16 to 19 years .....	901	852	22.1	4.5	78.3	19.8	13.1	1.1	1.39
20 to 24 years .....	542	487	27.5	7.4	72.9	29.4	12.1	3.5	1.53
25 to 34 years .....	427	372	27.7	9.1	66.9	20.7	12.1	7.8	1.45
35 to 44 years .....	216	167	36.5	9.6	67.1	24.6	8.4	5.4	1.52
45 to 54 years .....	190	142	27.5	12.0	69.7	29.6	9.9	3.5	1.48
55 to 64 years .....	91	59	(1)	(1)	(1)	(1)	(1)	(1)	(1)
65 years and over .....	38	35	(1)	(1)	(1)	(1)	(1)	(1)	(1)
<b>White:</b> Total .....	3,755	3,214	25.2	7.0	74.7	28.1	13.3	5.7	1.54
Males .....	1,934	1,648	25.5	6.8	75.8	28.3	13.9	7.3	1.58
Females .....	1,821	1,566	24.8	7.3	73.6	27.9	12.7	4.0	1.50
<b>Negro and other races:</b> Total .....	1,092	1,030	33.7	5.5	73.1	12.6	12.9	4.3	1.42
Males .....	509	482	37.3	6.4	77.0	13.3	13.7	6.0	1.54
Females .....	583	549	30.4	4.7	69.8	12.0	12.2	2.6	1.32

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

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

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

June 1973

Sex and reason	Thousands of persons		Methods used as a percent of total jobseekers					Average number of methods used	
	Total unemployed	Total jobseekers	Public employment agency	Private employment agency	Employer directly	Placed or answered ads	Friends or relatives		Other
Total, 16 years and over .....	4,847	4,244	27.2	6.7	74.4	24.3	13.2	5.4	1.51
Lost last job .....	1,514	1,159	36.1	9.3	71.2	30.3	14.0	7.5	1.68
Left last job .....	650	623	24.6	5.6	75.4	28.4	15.2	5.1	1.54
Reentered labor force .....	1,540	1,367	24.1	6.6	73.9	21.8	9.9	5.6	1.42
Never worked before .....	1,143	1,095	23.3	4.7	77.7	18.8	15.3	3.0	1.43
<b>Males, 16 years and over</b> .....	2,443	2,129	28.2	6.7	76.1	24.9	13.9	7.1	1.57
Lost last job .....	916	730	33.4	8.4	74.0	29.7	13.7	9.2	1.68
Left last job .....	338	330	27.9	4.8	76.7	31.2	14.8	5.5	1.61
Reentered labor force .....	650	558	27.4	7.7	74.4	20.1	10.8	7.5	1.48
Never worked before .....	540	511	22.1	4.3	80.4	19.2	17.0	4.7	1.48
<b>Females, 16 years and over</b> .....	2,404	2,115	26.2	6.6	72.6	23.7	12.5	3.6	1.45
Lost last job .....	599	429	40.6	11.0	66.4	31.2	14.5	4.7	1.68
Left last job .....	313	293	20.8	6.1	73.7	25.6	15.7	4.8	1.47
Reentered labor force .....	890	809	21.9	5.8	73.4	22.9	9.4	4.2	1.38
Never worked before .....	603	583	24.4	5.0	75.6	18.5	13.9	1.5	1.39

NOTE: See note, table A-14.



A-16: Unemployed persons by duration of unemployment

Duration of unemployment	Total				Household head			
	Thousands		Percent distribution		Thousands		Percent distribution	
	June 1973	June 1972	June 1973	June 1972	June 1973	June 1972	June 1973	June 1972
Total .....	4,847	5,426	100.0	100.0	1,369	1,619	100.0	100.0
Less than 5 weeks .....	3,053	3,056	63.0	56.3	710	661	51.8	40.8
5 to 14 weeks .....	1,019	1,230	21.0	22.7	302	427	22.1	26.4
5 to 10 weeks .....	806	920	16.6	17.0	221	306	16.1	18.9
11 to 14 weeks .....	214	310	4.4	5.7	81	121	5.9	7.5
15 weeks and over .....	775	1,140	16.0	21.0	357	531	26.1	32.8
15 to 26 weeks .....	439	570	9.1	10.5	197	254	14.4	15.7
27 weeks and over .....	336	570	6.9	10.5	160	277	11.7	17.1
Average (mean) duration .....	8.6	11.0	--	--	12.4	15.4	--	--

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		June 1973	June 1972	June 1973	June 1972
<b>Total</b> .....	4,847	3,053	1,019	439	336	8.6	63.0	56.3	16.0	21.0
16 to 21 years .....	2,304	1,753	401	93	57	5.1	76.1	73.4	6.5	9.1
16 to 19 years .....	1,793	1,396	293	68	36	4.8	77.9	75.1	5.8	7.2
20 to 24 years .....	1,134	702	272	89	71	8.2	61.9	59.0	14.1	19.1
25 to 34 years .....	803	453	173	117	60	9.7	56.4	44.7	22.1	29.8
35 to 44 years .....	403	176	116	65	46	12.6	43.8	39.1	27.5	35.0
45 to 54 years .....	370	176	84	50	61	15.0	47.4	40.2	30.0	31.5
55 to 64 years .....	242	99	57	35	50	16.6	41.2	30.0	35.1	36.8
65 years and over .....	102	50	24	16	11	12.3	49.3	31.8	26.9	50.5
<b>Male</b> .....	2,443	1,453	521	258	211	9.9	59.5	53.7	19.2	23.3
16 to 21 years .....	1,118	861	187	38	32	5.1	77.0	72.4	6.2	10.3
16 to 19 years .....	892	710	140	26	16	4.7	79.6	75.0	4.7	8.5
20 to 24 years .....	592	340	154	53	46	8.9	57.4	55.5	16.7	20.3
25 to 34 years .....	376	179	81	77	38	11.8	47.7	42.6	30.6	33.4
35 to 44 years .....	187	65	50	41	31	17.2	34.9	33.8	38.6	36.3
45 to 54 years .....	181	79	43	24	34	17.0	43.8	35.3	32.2	34.6
55 to 64 years .....	151	52	38	25	37	20.1	34.2	31.0	40.8	39.7
65 years and over .....	64	28	15	12	9	15.3	(1)	(1)	(1)	(1)
<b>Female</b> .....	2,404	1,600	498	181	125	7.2	66.6	59.2	12.7	18.5
16 to 21 years .....	1,187	893	213	55	26	5.1	75.2	74.3	6.8	8.0
16 to 19 years .....	901	686	154	42	19	4.9	76.1	75.2	6.8	5.9
20 to 24 years .....	542	362	118	36	26	7.4	66.8	63.2	11.4	17.7
25 to 34 years .....	427	274	91	40	22	7.9	64.1	47.1	14.5	25.6
35 to 44 years .....	216	111	66	24	15	8.5	51.5	43.7	17.9	34.0
45 to 54 years .....	190	96	40	25	27	13.1	50.9	47.1	27.9	27.1
55 to 64 years .....	91	48	20	10	13	10.7	52.8	28.7	25.5	32.9
65 years and over .....	38	23	9	4	2	7.2	(1)	(1)	(1)	(1)
<b>White: Total</b> .....	3,755	2,354	796	328	277	8.7	62.7	55.9	16.1	21.2
Male .....	1,934	1,154	410	198	172	10.1	59.7	53.9	19.1	23.4
Female .....	1,821	1,200	385	131	105	7.1	65.9	58.2	12.9	18.8
<b>Negro and other races: Total</b> .....	1,092	699	223	111	59	8.3	64.0	57.9	15.5	20.2
Male .....	509	299	110	60	39	9.3	58.8	52.8	19.5	23.3
Female .....	583	400	113	50	20	7.5	68.6	62.3	12.0	17.5
<b>Male: Married, wife present</b> .....	782	365	183	132	101	13.4	46.7	38.2	29.8	34.4
Widowed, divorced, or separated .....	191	81	39	36	34	16.4	42.5	40.2	36.9	33.9
Single (never married) .....	1,470	1,007	298	90	75	7.2	68.5	65.1	11.2	15.0
<b>Female: Married, husband present</b> .....	856	523	199	75	59	8.3	61.0	48.3	15.7	25.3
Widowed, divorced, or separated .....	376	257	65	30	24	7.5	68.4	50.3	14.4	25.7
Single (never married) .....	1,172	820	234	76	41	6.4	70.0	70.4	10.0	10.9

<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

June 1973

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		June 1973	June 1972	June 1973	June 1972
<b>OCCUPATION</b>										
White-collar workers .....	1,315	767	321	139	88	8.9	58.3	52.6	17.3	23.3
Professional and managerial .....	439	223	118	63	37	10.7	50.8	50.9	22.7	23.8
Sales workers .....	208	143	25	19	21	9.4	68.6	53.5	19.3	22.4
Clerical workers .....	667	402	178	57	30	7.6	60.3	53.3	13.1	23.3
Blue-collar workers .....	1,620	892	360	200	168	10.8	55.1	48.3	22.7	28.3
Craftsmen and kindred workers .....	364	187	68	62	47	12.3	51.3	43.6	30.0	31.3
Operatives, except transport .....	697	369	179	74	75	11.0	52.9	44.2	21.4	31.2
Transport equipment operatives .....	136	72	30	19	15	10.7	52.8	53.9	25.3	28.4
Nonfarm laborers .....	422	264	84	44	30	8.9	62.5	58.4	17.7	20.1
Service workers .....	683	463	123	56	41	8.3	67.8	58.5	14.2	18.4
<b>INDUSTRY<sup>1</sup></b>										
Agriculture .....	91	74	8	8	1	5.0	81.4	68.7	10.1	11.9
Construction .....	322	172	47	62	41	11.9	53.4	52.3	32.0	25.3
Manufacturing .....	910	463	239	104	105	11.7	50.8	42.1	22.9	31.9
Durable goods .....	439	207	119	57	54	14.0	47.3	39.2	25.5	35.5
Nondurable goods .....	473	256	120	47	50	9.7	54.1	45.8	20.5	27.1
Transportation and public utilities .....	171	95	42	22	12	9.1	55.7	48.1	20.0	26.4
Wholesale and retail trade .....	920	577	196	88	60	8.7	62.7	57.2	16.1	20.8
Finance and service industries .....	1,072	680	229	102	59	8.0	63.4	55.8	15.1	21.0
Public administration .....	141	88	36	10	7	8.4	61.9	52.2	12.4	17.8
No previous work experience .....	1,148	864	208	39	37	5.6	75.3	71.6	6.6	9.1

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

A-19: Employed persons by sex and age

(In thousands)

Age and type of industry	Total		Male		Female	
	June 1973	June 1972	June 1973	June 1972	June 1973	June 1972
<b>All industries</b> .....	85,567	82,629	53,150	51,874	32,417	30,755
16 to 19 years .....	8,303	7,641	4,758	4,483	3,545	3,158
16 to 17 years .....	3,528	3,277	2,123	2,016	1,405	1,261
18 to 19 years .....	4,755	4,364	2,635	2,467	2,140	1,897
20 to 24 years .....	11,992	11,189	6,867	6,425	5,125	4,764
25 to 54 years .....	51,445	49,786	32,768	32,030	18,677	17,757
25 to 34 years .....	18,944	17,701	12,466	11,773	6,479	5,928
35 to 44 years .....	15,974	15,653	10,052	10,081	5,922	5,572
45 to 54 years .....	16,527	16,432	10,250	10,175	6,277	6,256
55 to 64 years .....	10,891	10,994	6,860	6,953	4,031	4,041
55 to 59 years .....	6,512	6,482	4,078	4,056	2,434	2,426
60 to 64 years .....	4,379	4,512	2,782	2,897	1,598	1,615
65 years and over .....	2,934	3,019	1,897	1,983	1,038	1,036
<b>Nonagricultural industries</b> .....	81,514	78,653	49,925	48,686	31,588	29,967
16 to 19 years .....	7,665	6,977	4,227	3,937	3,438	3,039
16 to 17 years .....	3,114	2,885	1,771	1,696	1,343	1,189
18 to 19 years .....	4,551	4,092	2,456	2,241	2,095	1,850
20 to 24 years .....	11,602	10,810	6,527	6,103	5,075	4,707
25 to 54 years .....	49,611	48,000	31,416	30,674	18,194	17,326
25 to 34 years .....	18,414	17,180	12,054	11,366	6,359	5,814
35 to 44 years .....	15,393	15,081	9,637	9,667	5,756	5,414
45 to 54 years .....	15,804	15,738	9,725	9,641	6,079	6,097
55 to 64 years .....	10,153	10,311	6,253	6,389	3,900	3,921
55 to 59 years .....	6,136	6,121	3,785	3,763	2,351	2,358
60 to 64 years .....	4,017	4,189	2,469	2,626	1,549	1,563
65 years and over .....	2,483	2,556	1,501	1,583	981	973
<b>Agriculture</b> .....	4,053	3,976	3,225	3,188	828	788
16 to 19 years .....	638	665	531	546	107	119
16 to 17 years .....	414	392	352	320	62	72
18 to 19 years .....	224	273	179	225	45	47
20 to 24 years .....	390	379	340	322	50	57
25 to 54 years .....	1,835	1,786	1,352	1,356	484	431
25 to 34 years .....	531	521	411	407	119	114
35 to 44 years .....	581	572	415	414	166	158
45 to 54 years .....	723	693	525	534	198	159
55 to 64 years .....	738	683	607	563	131	120
55 to 59 years .....	375	361	293	293	82	68
60 to 64 years .....	362	322	313	271	49	52
65 years and over .....	452	463	396	400	56	63

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

(In thousands)

Occupation	Total		Male, 20 years and over		Female, 20 years and over		Male, 16-19 years		Female, 16-19 years	
	June 1973	June 1972	June 1973	June 1972	June 1973	June 1972	June 1973	June 1972	June 1973	June 1972
	<b>Total</b> .....	85,567	82,629	48,392	47,391	28,871	27,597	4,758	4,483	3,545
<b>White-collar workers</b> .....	39,692	38,411	19,616	19,250	17,646	16,941	653	650	1,777	1,570
Professional and technical .....	11,242	10,963	6,682	6,675	4,359	4,055	109	131	92	102
Health workers .....	1,880	1,828	656	671	1,206	1,128	4	7	15	21
Teachers, except college .....	2,567	2,375	771	700	1,780	1,646	2	6	14	23
Other professional and technical .....	6,795	6,760	5,254	5,304	1,374	1,281	104	118	63	58
Managers and administrators, except farm ..	8,448	7,863	6,800	6,422	1,567	1,383	56	48	26	10
Salaried workers .....	6,653	6,143	5,387	5,044	1,190	1,046	52	43	24	11
Self-employed workers in retail trade ..	932	941	672	702	258	238	1	--	--	--
Self-employed workers, except retail trade	864	779	741	676	118	99	3	5	2	--
Sales workers .....	5,538	5,290	3,007	2,883	1,874	1,794	241	241	415	372
Retail trade .....	3,117	3,052	1,029	1,015	1,515	1,497	184	197	390	344
Other industries .....	2,421	2,238	1,978	1,868	360	298	57	44	25	28
Clerical workers .....	14,465	14,294	3,127	3,269	9,846	9,709	246	229	1,245	1,086
Stenographers, typists, and secretaries ..	4,278	4,103	71	78	3,786	3,654	15	1	407	369
Other clerical workers .....	10,187	10,191	3,056	3,191	6,060	6,055	232	228	838	717
<b>Blue-collar workers</b> .....	30,963	29,672	22,939	22,348	4,735	4,358	2,812	2,621	477	345
Craftsmen and kindred workers .....	11,819	11,088	10,808	10,310	459	348	515	416	37	13
Carpenters .....	1,136	1,124	1,073	1,054	5	1	53	67	6	2
Construction craftsmen, except carpenters	2,452	2,418	2,254	2,267	27	12	160	138	11	2
Mechanics and repairmen .....	3,159	2,862	2,965	2,716	21	16	172	130	1	--
Metal craftsmen .....	1,163	1,073	1,098	1,036	24	19	40	16	1	2
Foremen, not elsewhere classified .....	1,506	1,411	1,389	1,311	107	97	8	4	1	--
All other .....	2,404	2,200	2,028	1,926	275	203	83	61	18	7
Operatives, except transport .....	11,099	10,522	5,972	5,844	3,930	3,664	837	741	361	273
Durable goods manufacturing .....	4,414	4,467	2,691	3,056	1,344	1,135	251	204	128	71
Nondurable goods manufacturing .....	3,658	3,635	1,442	1,418	1,897	1,958	157	136	161	123
Other industries .....	3,028	2,420	1,839	1,370	688	571	428	401	72	79
Transport equipment operatives .....	3,194	3,243	2,914	2,949	116	99	153	185	12	10
Drivers and deliverymen .....	2,702	2,744	2,453	2,479	105	98	135	157	9	10
All other .....	492	499	461	470	11	1	18	28	2	--
Nonfarm laborers .....	4,850	4,819	3,245	3,245	230	246	1,307	1,278	68	50
Construction .....	1,120	1,014	818	756	4	--	294	258	4	1
Manufacturing .....	1,108	1,084	812	820	71	91	214	166	11	8
Other industries .....	2,621	2,721	1,615	1,669	154	156	799	854	53	42
<b>Service workers</b> .....	11,344	11,071	3,442	3,474	5,856	5,706	843	755	1,203	1,136
Private household workers .....	1,285	1,436	6	31	990	1,100	8	13	280	293
Service workers, except private household ..	10,059	9,635	3,436	3,443	4,865	4,606	834	742	923	843
Food service workers .....	3,523	3,305	639	611	1,839	1,798	461	370	584	526
Protective service workers .....	1,181	1,206	1,104	1,123	71	69	4	13	3	1
All other .....	5,355	5,124	1,693	1,709	2,956	2,739	369	359	335	316
<b>Farm workers</b> .....	3,568	3,475	2,394	2,319	635	592	451	457	88	107
Farmers and farm managers .....	1,786	1,751	1,636	1,608	128	109	23	33	--	2
Farm laborers and foremen .....	1,782	1,724	759	712	507	483	428	425	88	105
Paid workers .....	1,180	1,131	705	657	141	129	292	290	42	55
Unpaid family workers .....	602	593	54	54	366	354	136	135	47	50

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

(Percent distribution)

Occupational group and color	Total		Male		Female	
	June 1973	June 1972	June 1973	June 1972	June 1973	June 1972
<b>Total</b>						
Total employed (thousands) .....	85,567	82,629	53,150	51,874	32,417	30,755
Percent .....	100.0	100.0	100.0	100.0	100.0	100.0
<b>White-collar workers</b> .....	46.4	46.5	38.1	38.4	59.9	60.2
Professional and technical .....	13.1	13.3	12.8	13.1	13.7	13.5
Managers and administrators, except farm .....	9.9	9.5	12.9	12.5	4.9	4.5
Sales workers .....	6.5	6.4	6.1	6.0	7.1	7.0
Clerical workers .....	16.9	17.3	6.3	6.7	34.2	35.1
<b>Blue-collar workers</b> .....	36.2	35.9	48.4	48.1	16.1	15.3
Craftsmen and kindred workers .....	13.8	13.4	21.3	20.7	1.5	1.2
Operatives, except transport .....	13.0	12.7	12.8	12.7	13.2	12.8
Transport equipment operatives .....	3.7	3.9	5.8	6.0	.4	.4
Nonfarm laborers .....	5.7	5.8	8.6	8.7	.9	1.0
<b>Service workers</b> .....	13.3	13.4	8.1	8.2	21.8	22.2
Private household workers .....	1.5	1.7	(1)	.1	3.9	4.5
Other service workers .....	11.8	11.7	8.0	8.1	17.9	17.7
<b>Farm workers</b> .....	4.2	4.2	5.4	5.4	2.2	2.3
Farmers and farm managers .....	2.1	2.1	3.1	3.2	.4	.4
Farm laborers and foremen .....	2.1	2.1	2.2	2.2	1.8	1.9
<b>White</b>						
Total employed (thousands) .....	76,408	73,827	47,943	46,830	28,465	26,998
Percent .....	100.0	100.0	100.0	100.0	100.0	100.0
<b>White-collar workers</b> .....	48.4	48.5	40.0	40.2	62.5	63.0
Professional and technical .....	13.6	13.7	13.4	13.7	13.8	13.9
Managers and administrators, except farm .....	10.6	10.2	13.7	13.3	5.3	4.9
Sales workers .....	7.0	7.0	6.6	6.5	7.7	7.7
Clerical workers .....	17.2	17.6	6.2	6.7	35.7	36.6
<b>Blue-collar workers</b> .....	35.6	35.4	47.4	47.1	15.8	15.1
Craftsmen and kindred workers .....	14.4	14.0	21.9	21.4	1.6	1.2
Operatives, except transport .....	12.5	12.4	12.4	12.3	12.8	12.6
Transport equipment operatives .....	3.6	3.7	5.5	5.7	.4	.4
Nonfarm laborers .....	5.1	5.3	7.6	7.8	.9	1.0
<b>Service workers</b> .....	11.7	11.8	7.2	7.4	19.4	19.6
Private household workers .....	1.0	1.2	(1)	.1	2.7	3.1
Other service workers .....	10.7	10.7	7.2	7.3	16.7	16.5
<b>Farm workers</b> .....	4.3	4.3	5.4	5.4	2.3	2.3
Farmers and farm managers .....	2.2	2.3	3.3	3.4	.4	.4
Farm laborers and foremen .....	2.0	2.0	2.1	2.0	1.9	1.9
<b>Negro and other races</b>						
Total employed (thousands) .....	9,159	8,802	5,207	5,044	3,952	3,758
Percent .....	100.0	100.0	100.0	100.0	100.0	100.0
<b>White-collar workers</b> .....	29.8	29.3	21.3	21.6	41.0	39.8
Professional and technical .....	9.5	9.2	6.8	7.9	13.0	11.1
Managers and administrators, except farm .....	3.9	3.8	5.1	5.0	2.2	2.1
Sales workers .....	2.1	1.6	1.9	1.3	2.3	2.1
Clerical workers .....	14.4	14.7	7.5	7.4	23.5	24.5
<b>Blue-collar workers</b> .....	40.9	40.3	58.0	57.9	18.3	16.6
Craftsmen and kindred workers .....	9.1	8.6	15.5	14.3	.7	.9
Operatives, except transport .....	16.6	15.7	16.8	16.7	16.3	14.4
Transport equipment operatives .....	5.1	5.5	8.7	9.4	.3	.3
Nonfarm laborers .....	10.1	10.5	17.0	17.6	1.0	1.0
<b>Service workers</b> .....	26.0	26.6	16.2	15.4	38.8	41.6
Private household workers .....	5.5	6.7	(1)	.4	12.8	15.1
Other service workers .....	20.4	19.9	16.2	15.1	26.0	26.5
<b>Farm workers</b> .....	3.3	3.8	4.5	5.1	1.8	2.0
Farmers and farm managers .....	.9	.7	1.4	1.2	.3	.1
Farm laborers and foremen .....	2.4	3.1	3.1	4.0	1.6	1.9

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

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

June 1973  
(In thousands)

Age and sex	Nonagricultural industries					Agriculture			
	Wage and salary workers				Self employed	Unpaid family workers	Wage and salary workers	Self employed	Unpaid family workers
	Total	Private household workers	Government	Other					
<b>Total</b> .....	75,338	1,537	13,175	60,627	5,518	658	1,520	1,910	623
16 to 19 years.....	7,506	384	591	6,531	81	78	405	46	188
16 and 17 years.....	3,035	294	186	2,555	35	44	263	25	127
18 and 19 years.....	4,471	90	405	3,976	46	34	142	21	61
20 to 24 years.....	11,338	76	1,618	9,644	233	31	276	73	42
25 to 34 years.....	17,334	144	3,124	14,066	977	103	241	207	83
35 to 44 years.....	13,989	189	2,789	11,011	1,221	183	183	302	97
45 to 54 years.....	14,253	253	2,988	11,013	1,415	135	193	427	103
55 to 64 years.....	8,996	288	1,771	6,937	1,063	95	153	509	76
55 to 59 years.....	5,470	141	1,061	4,269	612	54	74	255	46
60 to 64 years.....	3,525	147	710	2,668	451	41	78	254	30
65 years and over.....	1,923	204	293	1,426	526	33	70	347	35
<b>Male</b> .....	45,701	234	7,163	38,305	4,137	87	1,263	1,767	194
16 to 19 years.....	4,108	103	269	3,736	57	62	348	44	139
16 and 17 years.....	1,708	85	98	1,524	27	36	233	23	97
18 and 19 years.....	2,400	17	171	2,212	30	25	115	22	42
20 to 24 years.....	6,361	16	766	5,579	156	10	241	73	25
25 to 34 years.....	11,315	13	1,738	9,565	733	6	204	190	17
35 to 44 years.....	8,700	13	1,525	7,162	934	4	142	271	2
45 to 54 years.....	8,620	18	1,692	6,910	1,106	--	135	388	2
55 to 64 years.....	5,466	22	976	4,468	787	--	130	474	2
55 to 59 years.....	3,336	9	601	2,726	449	--	63	230	--
60 to 64 years.....	2,130	13	374	1,742	338	--	67	244	2
65 years and over.....	1,132	50	197	884	364	5	63	326	7
<b>Female</b> .....	29,637	1,303	6,012	22,322	1,381	571	257	142	429
16 to 19 years.....	3,397	281	322	2,794	24	17	57	1	49
16 and 17 years.....	1,327	209	87	1,031	8	8	30	2	30
18 and 19 years.....	2,071	73	234	1,764	16	9	27	--	19
20 to 24 years.....	4,977	60	852	11,065	77	20	34	--	17
25 to 34 years.....	6,018	131	1,387	4,501	244	97	38	17	65
35 to 44 years.....	5,290	176	1,264	3,850	288	178	40	31	95
45 to 54 years.....	5,633	235	1,296	4,102	310	136	58	38	102
55 to 64 years.....	3,530	266	795	2,469	276	94	22	35	74
55 to 59 years.....	2,135	132	460	1,543	163	54	11	25	45
60 to 64 years.....	1,395	134	336	926	113	40	11	9	28
65 years and over.....	791	154	96	541	162	29	7	21	28

## 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					
	June 1973	June 1972	Total		Wage and salary workers <sup>1</sup>			
			June 1973	June 1972	Paid absence <sup>2</sup>		Unpaid absence <sup>2</sup>	
					June 1973	June 1972	June 1973	June 1972
<b>Total</b> .....	6,115	5,995	6,027	5,886	3,228	3,228	2,370	2,257
Vacation .....	4,008	4,016	3,979	3,995	2,661	2,709	1,133	1,095
Illness .....	1,237	1,146	1,203	1,108	420	368	687	644
Bad weather .....	61	52	53	35	--	--	--	--
Industrial dispute .....	98	83	98	83	--	--	--	--
All other reasons .....	711	699	695	665	147	150	550	518
<b>Male</b> .....	3,079	3,095	3,007	3,001	1,801	1,886	971	898
Vacation .....	1,861	1,949	1,838	1,932	1,426	1,532	316	304
Illness .....	771	673	740	638	276	239	413	344
All other reasons .....	447	473	429	431	99	115	242	250
<b>Female</b> .....	3,036	2,900	3,020	2,886	1,426	1,342	1,400	1,358
Vacation .....	2,147	2,067	2,140	2,063	1,234	1,177	817	791
Illness .....	467	472	463	470	144	129	274	299
All other reasons .....	422	361	417	353	47	36	309	268

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

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

June 1973

Hours of work	Thousands of persons			Percent distribution		
	All industries	Nonagricultural industries	Agriculture	All industries	Nonagricultural industries	Agriculture
<b>Total at work</b> .....	79,452	75,486	3,966	100.0	100.0	100.0
1-34 hours .....	16,829	15,714	1,115	21.2	20.8	28.1
1-4 hours .....	658	599	59	.8	.8	1.5
5-14 hours .....	3,073	2,836	237	3.9	3.8	6.0
15-29 hours .....	8,438	7,850	588	10.6	10.4	14.8
30-34 hours .....	4,660	4,429	231	5.9	5.9	5.8
35 hours and over .....	62,623	59,773	2,851	78.8	79.2	71.9
35-39 hours .....	5,843	5,681	162	7.4	7.5	4.1
40 hours .....	33,084	32,625	459	41.6	43.2	11.6
41 hours and over .....	23,696	21,467	2,230	29.8	28.4	56.2
41 to 48 hours .....	9,664	9,366	299	12.2	12.4	7.5
49 to 59 hours .....	7,427	6,943	484	9.3	9.2	12.2
60 hours and over .....	6,605	5,158	1,447	8.3	6.8	36.5
Average hours, total at work .....	40.1	39.6	49.0	--	--	--
Average hours, workers on full-time schedules .....	43.9	43.2	57.5	--	--	--

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

June 1973

(In thousands)

Reasons working part time	All industries			Nonagricultural industries		
	Total	Usually work full time	Usually work part time	Total	Usually work full time	Usually work part time
Total.....	16,829	5,671	11,157	15,714	5,343	10,370
Economic reasons.....	3,185	1,281	1,904	2,967	1,195	1,772
Slack work.....	1,119	707	412	1,029	652	377
Material shortages or repairs to plant and equipment.....	79	79	--	77	77	--
New job started during week.....	373	373	--	346	346	--
Job terminated during week.....	122	122	--	120	120	--
Could find only part-time work.....	1,492	--	1,492	1,395	--	1,395
Other reasons.....	13,643	4,390	9,253	12,746	4,148	8,599
Does not want, or unavailable for, full-time work.....	7,179	--	7,179	6,697	--	6,697
Vacation.....	902	902	--	891	891	--
Illness.....	1,632	1,349	283	1,554	1,319	235
Bad weather.....	539	539	--	393	393	--
Industrial dispute.....	42	42	--	40	40	--
Legal or religious holiday.....	137	137	--	136	136	--
Full time for this job.....	1,298	--	1,298	1,253	--	1,253
All other reasons.....	1,914	1,421	493	1,781	1,368	413
Average hours:						
Economic reasons.....	20.4	22.7	18.8	20.4	22.7	18.9
Other reasons.....	21.2	25.7	19.1	21.3	25.9	19.1
Worked 30 to 34 hours:						
Economic reasons.....	776	442	334	731	415	316
Other reasons.....	3,884	2,185	1,699	3,698	2,099	1,599

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

June 1973

Industry	Percent distribution							Average hours, total at work	Average hours, workers on full-time schedules
	Total at work	On part time for economic reasons	On voluntary part time	On full-time schedules					
				Total	40 hours or less	41 to 48 hours	49 hours or more		
Total <sup>1</sup> .....	100.0	3.9	11.4	84.7	56.2	12.4	16.0	39.6	43.2
Wage and salary workers.....	100.0	4.0	10.9	85.1	58.5	12.6	14.0	39.2	42.6
Construction.....	100.0	5.1	4.3	90.5	66.6	11.8	12.1	39.4	41.4
Manufacturing.....	100.0	2.2	2.6	95.2	62.9	17.0	15.2	41.7	42.7
Durable goods.....	100.0	1.5	1.9	96.6	62.8	17.5	16.4	42.3	43.0
Nondurable goods.....	100.0	3.4	3.5	93.1	63.1	16.4	13.5	40.9	42.4
Transportation and public utilities.....	100.0	2.3	4.9	92.8	62.6	13.5	16.6	41.7	43.3
Wholesale and retail trade.....	100.0	6.0	19.2	74.7	44.4	13.7	16.5	38.1	44.0
Finance, insurance, and real estate.....	100.0	1.6	8.7	89.7	68.5	8.7	12.4	39.1	41.3
Service industries.....	100.0	5.5	19.4	75.1	55.8	8.3	11.1	36.0	41.9
Private households.....	100.0	17.1	47.3	35.6	22.3	4.4	8.9	25.3	44.8
All other service.....	100.0	4.4	16.8	78.8	58.9	8.6	11.3	37.0	41.8
Public administration.....	100.0	1.4	4.7	94.0	72.8	9.4	11.8	40.6	41.9
Self-employed workers.....	100.0	4.0	14.8	81.2	29.7	10.2	41.3	44.5	51.0
Unpaid family workers.....	100.0	1.2	34.3	64.4	29.2	6.4	28.9	42.1	53.5

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

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

June 1973

Age, sex, color and marital status	Total at work	On part time for economic reasons	On voluntary part time	On full-time schedules			Average hours, total at work	Average hours, workers on full-time schedules
				Total	40 hours or less	41 hours or more		
(In thousands)								
<b>TOTAL</b>								
Total, 16 years and over.....	75,486	2,967	8,599	63,920	42,453	21,467	39.6	43.2
16 to 21 years.....	11,796	1,298	2,532	7,966	5,783	2,183	34.3	41.6
16 to 19 years.....	7,408	1,044	2,083	4,281	3,113	1,168	31.9	41.6
16 and 17 years.....	3,000	595	1,279	1,126	795	331	26.5	41.3
18 and 19 years.....	4,408	449	805	3,154	2,317	837	35.7	41.7
20 years and over.....	68,078	1,924	6,516	59,638	39,340	20,298	40.4	43.4
20 to 24 years.....	10,967	523	956	9,488	6,882	2,606	38.8	41.7
25 years and over.....	57,111	1,400	5,560	50,151	32,458	17,693	41.0	43.6
25 to 44 years.....	31,214	724	2,557	27,933	17,768	10,165	41.3	43.8
45 to 64 years.....	23,622	576	2,044	21,002	13,873	7,129	41.0	43.5
65 years and over.....	2,275	100	959	1,216	816	400	30.6	43.3
<b>Males, 16 years and over.....</b>	<b>46,918</b>	<b>1,420</b>	<b>2,485</b>	<b>43,013</b>	<b>25,531</b>	<b>17,482</b>	<b>42.5</b>	<b>44.6</b>
16 to 21 years.....	6,509	693	1,053	4,763	3,126	1,637	36.4	42.8
16 to 19 years.....	4,101	562	904	2,635	1,759	876	34.2	42.5
16 and 17 years.....	1,709	348	589	772	524	248	29.1	41.9
18 and 19 years.....	2,391	213	314	1,864	1,235	629	37.8	42.8
20 years and over.....	42,818	858	1,582	40,378	23,772	16,606	43.3	44.7
20 to 24 years.....	6,255	272	320	5,663	3,648	2,015	40.9	43.0
25 years and over.....	36,562	585	1,262	34,715	20,126	14,589	44.0	45.0
25 to 44 years.....	20,432	326	349	19,757	11,119	8,638	44.5	45.3
45 to 64 years.....	14,744	216	364	14,164	8,466	5,698	43.8	44.7
65 years and over.....	1,386	44	548	794	541	253	31.3	42.6
<b>Females, 16 years and over.....</b>	<b>28,568</b>	<b>1,546</b>	<b>6,114</b>	<b>20,908</b>	<b>16,924</b>	<b>3,984</b>	<b>34.8</b>	<b>40.5</b>
16 to 21 years.....	5,287	604	1,480	3,203	2,656	547	31.6	39.9
16 to 19 years.....	3,307	482	1,179	1,646	1,354	292	29.2	40.1
16 and 17 years.....	1,291	246	689	356	272	84	23.0	39.9
18 and 19 years.....	2,017	235	490	1,292	1,084	208	33.1	40.2
20 years and over.....	25,261	1,065	4,934	19,262	15,570	3,692	35.6	40.6
20 to 24 years.....	4,713	251	636	3,826	3,235	591	36.0	39.7
25 years and over.....	20,548	814	4,298	15,436	12,335	3,101	35.5	40.9
25 to 44 years.....	10,782	399	2,208	8,175	6,650	1,525	35.3	40.3
45 to 64 years.....	8,877	358	1,680	6,839	5,409	1,430	36.3	41.1
65 years and over.....	888	56	411	421	276	145	29.4	44.7
<b>COLOR</b>								
<b>White.....</b>	<b>67,365</b>	<b>2,493</b>	<b>7,733</b>	<b>57,139</b>	<b>37,001</b>	<b>20,138</b>	<b>39.9</b>	<b>43.5</b>
Male.....	42,311	1,190	2,240	38,881	22,373	16,508	42.8	44.9
Female.....	25,054	1,303	5,493	18,258	14,628	3,630	34.9	40.7
<b>Negro and other races.....</b>	<b>8,121</b>	<b>473</b>	<b>866</b>	<b>6,782</b>	<b>5,454</b>	<b>1,328</b>	<b>37.3</b>	<b>40.8</b>
Male.....	4,608	230	245	4,133	3,159	974	39.4	41.6
Female.....	3,514	244	621	2,649	2,295	354	34.7	39.7
<b>MARITAL STATUS</b>								
<b>Male:</b>								
Married, wife present.....	34,637	493	1,014	33,130	18,872	14,258	44.0	45.0
Widowed, divorced, or separated.....	2,697	100	174	2,423	1,503	920	41.4	44.0
Single (never married).....	9,585	827	1,297	7,461	5,157	2,304	37.5	42.6
<b>Female:</b>								
Married, husband present.....	16,116	613	3,728	11,775	9,650	2,125	34.6	40.2
Widowed, divorced, or separated.....	5,182	282	786	4,114	3,143	971	37.0	41.4
Single (never married).....	7,271	651	1,599	5,021	4,131	890	33.9	40.6



**A-27: Persons at work in nonagricultural industries by full- or part-time status,  
sex, age, color, and marital status--Continued**  
June 1973

Age, sex, color and marital status	Total at work	On part time for economic reasons	On voluntary part time	On full-time schedules		
				Total	40 hours or less	41 hours or more
(Percent distribution)						
<b>TOTAL</b>						
Total, 16 years and over.....	100.0	3.9	11.4	84.6	56.2	28.4
16 to 21 years .....	100.0	11.0	21.5	67.5	49.0	18.5
16 to 19 years .....	100.0	14.1	28.1	57.8	42.0	15.8
16 and 17 years .....	100.0	19.8	42.6	37.5	26.5	11.0
18 and 19 years .....	100.0	10.2	18.3	71.6	52.6	19.0
20 years and over .....	100.0	2.8	9.6	87.6	57.8	29.8
20 to 24 years .....	100.0	4.8	8.7	86.6	62.8	23.8
25 years and over .....	100.0	2.5	9.7	87.8	56.8	31.0
25 to 44 years .....	100.0	2.3	8.2	89.5	56.9	32.6
45 to 64 years .....	100.0	2.4	8.7	88.9	58.7	30.2
65 years and over .....	100.0	4.4	42.2	53.5	35.9	17.6
<b>Males, 16 years and over .....</b>	<b>100.0</b>	<b>3.0</b>	<b>5.3</b>	<b>91.7</b>	<b>54.4</b>	<b>37.3</b>
16 to 21 years .....	100.0	10.6	16.2	73.1	48.0	25.1
16 to 19 years .....	100.0	13.7	22.0	64.3	42.9	21.4
16 and 17 years .....	100.0	20.4	34.5	45.2	30.7	14.5
18 and 19 years .....	100.0	8.9	13.1	78.0	51.7	26.3
20 years and over .....	100.0	2.0	3.7	94.3	55.5	38.8
20 to 24 years .....	100.0	4.3	5.1	90.5	58.3	32.2
25 years and over .....	100.0	1.6	3.5	94.9	55.0	39.9
25 to 44 years .....	100.0	1.6	1.7	96.7	54.4	42.3
45 to 64 years .....	100.0	1.5	2.5	96.0	57.4	38.6
65 years and over .....	100.0	3.2	39.5	57.3	39.0	18.3
<b>Females, 16 years and over .....</b>	<b>100.0</b>	<b>5.4</b>	<b>21.4</b>	<b>73.1</b>	<b>59.2</b>	<b>13.9</b>
16 to 21 years .....	100.0	11.4	28.0	60.5	50.2	10.3
16 to 19 years .....	100.0	14.6	35.7	49.7	40.9	8.8
16 and 17 years .....	100.0	19.1	53.4	27.6	21.1	6.5
18 and 19 years .....	100.0	11.7	24.3	64.0	53.7	10.3
20 years and over .....	100.0	4.2	19.5	76.2	61.6	14.6
20 to 24 years .....	100.0	5.3	13.5	81.1	68.6	12.5
25 years and over .....	100.0	4.0	20.9	75.1	60.0	15.1
25 to 44 years .....	100.0	3.7	20.5	75.8	61.7	14.1
45 to 64 years .....	100.0	4.0	18.9	77.0	60.9	16.1
65 years and over .....	100.0	6.3	46.3	47.4	31.1	16.3
<b>COLOR</b>						
<b>White .....</b>	<b>100.0</b>	<b>3.7</b>	<b>11.5</b>	<b>84.8</b>	<b>54.9</b>	<b>29.9</b>
Male.....	100.0	2.8	5.3	91.9	52.9	39.0
Female.....	100.0	5.2	21.9	72.9	58.4	14.5
<b>Negro and other races .....</b>	<b>100.0</b>	<b>5.8</b>	<b>10.7</b>	<b>83.6</b>	<b>67.2</b>	<b>16.4</b>
Male.....	100.0	5.0	5.3	89.7	68.6	21.1
Female.....	100.0	6.9	17.7	75.4	65.3	10.1
<b>MARITAL STATUS</b>						
<b>Male:</b>						
Married, wife present .....	100.0	1.4	2.9	95.7	54.5	41.2
Widowed, divorced, or separated .....	100.0	3.7	6.5	89.8	55.7	34.1
Single (never married) .....	100.0	8.6	13.5	77.8	53.8	24.0
<b>Female:</b>						
Married, husband present .....	100.0	3.8	23.1	73.1	59.9	13.2
Widowed, divorced, or separated .....	100.0	5.4	15.2	79.4	60.7	18.7
Single (never married) .....	100.0	9.0	22.0	69.0	56.8	12.2

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

June 1973

Occupational group and sex	Total at work	On part time for economic reasons	On voluntary part time	On full-time schedules				Average hours, total at work	Average hours, workers on full- time schedules
				Total	40 hours or less	41 to 48 hours	49 hours or more		
				(Thousands of persons)					
<b>TOTAL</b>									
White-collar workers .....	36,298	857	4,382	31,059	20,723	3,810	6,526	40.0	43.5
Professional and technical .....	9,481	175	988	8,318	5,644	958	1,716	39.9	42.9
Managers and administrators, except farm .....	7,988	68	292	7,628	3,409	1,229	2,990	47.2	48.5
Sales workers .....	5,203	230	1,104	3,869	2,197	534	1,138	38.2	44.8
Clerical workers .....	13,626	383	1,997	11,246	9,475	1,089	682	36.5	40.0
Blue-collar workers .....	29,123	1,260	1,510	26,353	17,043	4,734	4,576	40.9	43.0
Craftsmen and kindred workers .....	11,105	284	353	10,468	6,563	1,887	2,018	42.1	43.4
Operatives, except transport .....	10,460	445	497	9,518	6,550	1,733	1,235	40.4	42.2
Transport equipment operatives .....	2,976	89	130	2,757	1,394	501	862	44.3	46.2
Nonfarm laborers .....	4,582	442	530	3,610	2,538	612	460	36.8	41.7
Service workers .....	10,530	875	2,793	6,862	4,852	881	1,129	34.7	43.1
Private household .....	1,216	177	586	453	283	56	114	26.1	44.5
Other service workers .....	9,314	699	2,206	6,409	4,569	825	1,015	35.8	43.0
<b>MALE</b>									
White-collar workers .....	18,957	226	882	17,849	9,721	2,590	5,538	44.4	45.9
Professional and technical .....	6,141	29	324	5,748	3,584	677	1,487	42.6	44.2
Managers and administrators, except farm .....	6,508	33	133	6,342	2,655	1,037	2,650	48.2	49.0
Sales workers .....	3,123	67	260	2,796	1,345	432	1,019	43.6	46.3
Clerical workers .....	3,185	56	165	2,964	2,137	444	383	40.6	42.2
Blue-collar workers .....	24,269	970	1,073	22,226	13,763	4,129	4,334	41.6	43.6
Craftsmen and kindred workers .....	10,649	262	293	10,094	6,294	1,825	1,975	42.3	43.5
Operatives, except transport .....	6,427	201	218	6,008	3,723	1,218	1,067	42.2	43.6
Transport equipment operatives .....	2,881	80	97	2,704	1,360	494	850	44.7	46.3
Nonfarm laborers .....	4,312	428	465	3,419	2,386	592	441	37.0	41.8
Service workers .....	4,057	247	583	3,227	2,176	450	601	38.8	43.9
Private household .....	13	1	2	10	10	--	--	33.2	39.7
Other service workers .....	4,044	246	581	3,217	2,166	450	601	38.9	43.9
<b>FEMALE</b>									
White-collar workers .....	17,341	632	3,499	13,210	11,002	1,220	988	35.2	40.2
Professional and technical .....	3,341	105	665	2,571	2,060	281	230	34.9	40.0
Managers and administrators, except farm .....	1,479	35	159	1,285	753	192	340	42.8	46.4
Sales workers .....	2,080	164	844	1,072	851	102	119	30.1	40.7
Clerical workers .....	10,441	327	1,832	8,282	7,337	645	300	35.3	39.2
Blue-collar workers .....	4,854	290	437	4,127	3,280	605	242	37.2	40.1
Craftsmen and kindred workers .....	456	20	60	376	271	62	43	36.3	40.6
Operatives, except transport .....	4,033	245	279	3,509	2,825	515	169	37.6	39.9
Transport equipment operatives .....	95	10	33	52	32	8	12	31.6	42.8
Nonfarm laborers .....	270	15	65	190	151	20	19	34.4	41.1
Service workers .....	6,472	627	2,210	3,635	2,676	431	528	32.0	42.4
Private household .....	1,203	176	585	442	273	55	114	26.0	44.6
Other service workers .....	5,269	452	1,625	3,192	2,402	376	414	33.4	42.1

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

Occupational group and sex	June 1973						
	Total at work	On part time for economic reasons	On voluntary part time	On full-time schedules			
				Total	40 hours or less	41 to 48 hours	49 hours or more
(Percent distribution)							
<b>TOTAL</b>							
White-collar workers .....	100.0	2.4	12.1	85.6	57.1	10.5	18.0
Professional and technical .....	100.0	1.8	10.4	87.7	59.5	10.1	18.1
Managers and administrators, except farm .....	100.0	.9	3.7	95.5	42.7	15.4	37.4
Sales workers .....	100.0	4.4	21.2	74.4	42.2	10.3	21.9
Clerical workers .....	100.0	2.8	14.7	82.5	69.5	8.0	5.0
Blue-collar workers .....	100.0	4.3	5.2	90.5	58.5	16.3	15.7
Craftsmen and kindred workers .....	100.0	2.6	3.2	94.3	59.1	17.0	18.2
Operatives, except transport .....	100.0	4.3	4.8	91.0	62.6	16.6	11.8
Transport equipment operatives .....	100.0	3.0	4.4	92.6	46.8	16.8	29.0
Nonfarm laborers .....	100.0	9.6	11.6	78.8	55.4	13.4	10.0
Service workers .....	100.0	8.3	26.5	65.2	46.1	8.4	10.7
Private household .....	100.0	14.6	48.2	37.3	23.3	4.6	9.4
Other service workers .....	100.0	7.5	23.7	68.9	49.1	8.9	10.9
<b>MALE</b>							
White-collar workers .....	100.0	1.2	4.7	94.2	51.3	13.7	29.2
Professional and technical .....	100.0	1.1	5.3	93.6	58.4	11.0	24.2
Managers and administrators, except farm .....	100.0	.5	2.0	97.4	40.8	15.9	40.7
Sales workers .....	100.0	2.1	8.3	89.5	43.1	13.8	32.6
Clerical workers .....	100.0	1.8	5.2	93.0	67.1	13.9	12.0
Blue-collar workers .....	100.0	4.0	4.4	91.6	56.7	17.0	17.9
Craftsmen and kindred workers .....	100.0	2.5	2.8	94.7	59.1	17.1	18.5
Operatives, except transport .....	100.0	3.1	3.4	93.5	57.9	19.0	16.6
Transport equipment operatives .....	100.0	2.8	3.4	93.8	47.2	17.1	29.5
Nonfarm laborers .....	100.0	9.9	10.8	79.2	55.3	13.7	10.2
Service workers .....	100.0	6.1	14.4	79.5	53.6	11.1	14.8
Private household .....	100.0	(1)	(1)	(1)	(1)	(1)	(1)
Other service workers .....	100.0	6.1	14.4	79.5	53.6	11.1	14.8
<b>FEMALE</b>							
White-collar workers .....	100.0	3.6	20.2	76.1	63.4	7.0	5.7
Professional and technical .....	100.0	3.1	19.9	77.0	61.7	8.4	6.9
Managers and administrators, except farm .....	100.0	2.4	10.8	86.9	50.9	13.0	23.0
Sales workers .....	100.0	7.9	40.6	51.5	40.9	4.9	5.7
Clerical workers .....	100.0	3.1	17.5	79.4	70.3	6.2	2.9
Blue-collar workers .....	100.0	6.0	9.0	85.1	67.6	12.5	5.0
Craftsmen and kindred workers .....	100.0	4.4	13.2	82.4	59.4	13.6	9.4
Operatives, except transport .....	100.0	6.1	6.9	87.0	70.0	12.8	4.2
Transport equipment operatives .....	100.0	10.5	34.7	54.7	33.7	8.4	12.6
Nonfarm laborers .....	100.0	5.6	24.1	70.3	55.9	7.4	7.0
Service workers .....	100.0	9.7	34.1	56.2	41.3	6.7	8.2
Private household .....	100.0	14.6	48.6	36.8	22.7	4.6	9.5
Other service workers .....	100.0	8.6	30.8	60.6	45.6	7.1	7.9

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

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

June 1973  
(In thousands)

Employment status	Total			White			Negro and other races		
	Both sexes	Male	Female	Both sexes	Male	Female	Both sexes	Male	Female
Civilian noninstitutional population .....	8,307	4,223	4,085	7,088	3,615	3,473	1,220	608	612
Civilian labor force .....	2,294	1,457	837	2,067	1,316	751	227	141	86
Employed .....	1,919	1,217	702	1,797	1,145	652	122	72	50
Agriculture .....	377	293	84	351	278	72	26	15	12
Nonagricultural industries .....	1,542	924	618	1,446	867	579	96	58	38
Unemployed .....	375	239	136	271	171	99	105	68	36
Not in labor force .....	6,013	2,766	3,247	5,021	2,299	2,722	993	467	525
Keeping house .....	410	25	385	347	24	323	63	1	62
Going to school .....	2,548	1,219	1,329	2,044	969	1,076	504	251	253
Unable to work .....	11	8	2	10	7	3	1	1	--
All other reasons .....	3,044	1,514	1,531	2,620	1,300	1,320	424	214	210

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

June 1973

Characteristics	Thousands of persons			Percent distribution		
	Both sexes	Male	Female	Both sexes	Male	Female
<b>CLASS OF WORKER</b>						
Total .....	1,919	1,217	702	100.0	100.0	100.0
Nonagricultural industries .....	1,542	924	618	80.4	75.9	88.0
Wage and salary workers .....	1,409	819	590	73.4	67.3	84.0
Private household workers .....	634	230	404	33.0	18.9	57.5
Government workers .....	64	45	19	3.3	3.7	2.7
Other wage and salary workers .....	712	545	167	37.1	44.7	23.8
Self-employed workers .....	103	83	20	5.4	6.8	2.8
Unpaid family workers .....	30	22	8	1.6	1.8	1.1
Agriculture .....	377	293	84	19.6	24.1	12.0
Wage and salary workers .....	184	140	44	9.6	11.5	6.3
Self-employed workers .....	44	40	4	2.3	3.3	.6
Unpaid family workers .....	149	113	36	7.8	9.3	5.1
<b>OCCUPATION</b>						
Total .....	1,919	1,217	702	100.0	100.0	100.0
White-collar workers .....	315	249	66	16.4	20.4	9.4
Professional and technical .....	17	14	3	.9	1.1	.4
Managers and administrators, except farm .....	5	3	2	.3	.2	.3
Sales workers .....	232	203	29	12.1	16.7	4.1
Clerical workers .....	61	29	32	3.2	2.4	4.6
Blue-collar workers .....	563	517	46	29.4	42.5	6.6
Craftsmen and kindred workers .....	30	26	4	1.6	2.1	.6
Operatives, except transport .....	66	55	11	3.4	4.5	1.6
Transport equipment operatives .....	18	18	--	.9	1.5	--
Nonfarm laborers .....	450	419	31	23.4	34.4	4.4
Service workers .....	717	205	511	37.3	16.9	72.8
Private household workers .....	415	20	395	21.6	1.6	56.3
Other service workers .....	302	186	116	15.7	15.3	16.5
Farm workers .....	324	246	78	16.9	20.2	11.3
Farmers and farm managers .....	2	2	--	.1	.2	--
Farm laborers and foremen .....	322	244	79	16.8	20.0	11.3

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

(In thousands)

Employment status, sex, and age	1973						1972						
	June	May	Apr.	Mar.	Feb.	Jan.	Dec.	Nov.	Oct.	Sept.	Aug.	July	June
<b>Total</b>													
Total labor force .....	91,247	90,739	90,700	90,629	89,961	89,325	89,707	89,454	89,651	89,471	89,337	88,985	88,947
Civilian labor force .....	88,932	88,405	88,350	88,268	87,569	86,921	87,267	87,023	87,236	87,066	86,941	86,597	86,554
Employed .....	84,674	84,024	83,917	83,889	83,127	82,555	82,780	82,525	82,397	82,256	82,061	81,782	81,752
Agriculture .....	3,403	3,275	3,311	3,480	3,424	3,501	3,650	3,556	3,658	3,579	3,610	3,443	3,331
Nonagricultural industries .....	81,271	80,749	80,606	80,409	79,703	79,054	79,130	78,969	78,739	78,677	78,451	78,339	78,421
On part time for economic reasons .....	2,503	2,258	2,136	2,198	2,274	2,023	2,181	2,217	2,264	2,347	2,439	2,476	2,569
Usually work full time .....	1,083	1,042	987	940	1,020	893	968	1,025	1,027	1,070	1,076	1,091	1,066
Usually work part time .....	1,420	1,216	1,149	1,258	1,254	1,130	1,213	1,192	1,237	1,277	1,363	1,385	1,503
Unemployed .....	4,258	4,381	4,433	4,379	4,442	4,366	4,487	4,498	4,839	4,810	4,880	4,815	4,802
<b>Men, 20 years and over</b>													
Total labor force .....	51,409	51,259	51,228	51,323	51,054	50,970	51,150	51,079	51,184	51,103	50,981	50,975	50,911
Civilian labor force .....	49,519	49,347	49,303	49,389	49,095	49,001	49,152	49,044	49,162	49,071	48,957	48,957	48,889
Employed .....	47,913	47,668	47,622	47,711	47,448	47,361	47,475	47,308	47,227	47,196	47,070	47,042	46,924
Agriculture .....	2,488	2,422	2,442	2,516	2,475	2,557	2,664	2,599	2,630	2,612	2,542	2,473	2,439
Nonagricultural industries .....	45,425	45,246	45,180	45,195	44,973	44,804	44,811	44,709	44,597	44,584	44,528	44,569	44,485
Unemployed .....	1,606	1,679	1,681	1,678	1,647	1,640	1,677	1,736	1,935	1,875	1,887	1,915	1,965
<b>Women, 20 years and over</b>													
Civilian labor force .....	30,895	30,569	30,513	30,339	30,141	29,870	29,869	29,779	29,931	29,908	29,972	29,841	29,727
Employed .....	29,377	29,177	29,073	28,849	28,662	28,296	28,357	28,293	28,281	28,287	28,313	28,147	28,072
Agriculture .....	535	504	543	585	559	526	566	547	585	567	597	559	497
Nonagricultural industries .....	28,842	28,673	28,530	28,264	28,103	27,770	27,791	27,746	27,696	27,720	27,716	27,588	27,575
Unemployed .....	1,518	1,392	1,440	1,490	1,479	1,574	1,512	1,486	1,650	1,621	1,659	1,694	1,655
<b>Both sexes, 16-19 years</b>													
Civilian labor force .....	88,518	8,489	8,534	8,540	8,333	8,050	8,246	8,200	8,143	8,087	8,012	7,799	7,938
Employed .....	7,384	7,179	7,222	7,329	7,017	6,898	6,948	6,924	6,889	6,773	6,678	6,593	6,756
Agriculture .....	380	349	326	379	390	418	420	410	443	400	471	411	395
Nonagricultural industries .....	7,004	6,830	6,896	6,950	6,627	6,480	6,528	6,514	6,446	6,373	6,207	6,182	6,361
Unemployed .....	1,134	1,310	1,312	1,211	1,316	1,152	1,298	1,276	1,254	1,314	1,334	1,206	1,182

NOTE: Because of the independent seasonal adjustment of the various series, detail for the household data shown in tables A-31 through A-50 will not necessarily add to totals.

A-32: Full- and part-time status of the civilian labor force by sex and age, seasonally adjusted

(Numbers in thousands)

Full- and part-time employment status, sex, and age	1973						1972						
	June	May	Apr.	Mar.	Feb.	Jan.	Dec.	Nov.	Oct.	Sept.	Aug.	July	June
<b>Full time</b>													
Total, 16 years and over:	76,181	75,816	75,604	75,557	75,244	74,935	74,715	74,402	74,688	74,275	74,261	74,143	74,403
Civilian labor force .....	72,984	72,487	72,213	72,136	71,755	71,491	71,224	70,969	70,947	70,572	70,482	70,384	70,674
Employed .....	3,197	3,329	3,391	3,421	3,489	3,444	3,491	3,433	3,741	3,703	3,779	3,759	3,729
Unemployment rate .....	4.2	4.4	4.5	4.5	4.6	4.6	4.7	4.6	5.0	5.0	5.1	5.1	5.0
Men, 20 years and over:	47,159	46,959	46,905	46,957	46,767	46,648	46,630	46,539	46,749	46,574	46,538	46,524	46,488
Civilian labor force .....	45,725	45,426	45,403	45,400	45,220	45,139	45,095	44,964	44,971	44,872	44,819	44,778	44,727
Employed .....	1,434	1,533	1,502	1,557	1,547	1,509	1,535	1,575	1,778	1,702	1,719	1,746	1,761
Unemployment rate .....	3.0	3.3	3.2	3.3	3.3	3.2	3.3	3.4	3.8	3.7	3.7	3.8	3.8
Women, 20 years and over:	24,259	24,031	23,926	23,741	23,693	23,549	23,390	23,303	23,443	23,337	23,438	23,461	23,502
Civilian labor force .....	23,078	22,948	22,752	22,590	22,503	22,330	22,268	22,144	22,166	22,084	22,114	22,086	22,182
Employed .....	1,181	1,083	1,174	1,151	1,190	1,219	1,122	1,159	1,277	1,253	1,324	1,375	1,320
Unemployment rate .....	4.9	4.5	4.9	4.8	5.0	5.2	4.8	5.2	5.4	5.4	5.6	5.9	5.6
<b>Part time</b>													
Total, 16 years and over:	12,456	12,787	12,873	12,708	12,589	12,220	12,705	12,679	12,559	12,931	12,738	12,275	11,896
Civilian labor force .....	11,386	11,690	11,792	11,754	11,600	11,249	11,640	11,616	11,495	11,811	11,616	11,277	10,862
Employed .....	1,070	1,097	1,081	954	989	971	1,065	1,063	1,064	1,120	1,122	998	1,034
Unemployment rate .....	8.6	8.6	8.4	7.5	7.9	7.9	8.4	8.4	8.5	8.7	8.8	8.1	8.7

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

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

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

(In thousands)

Characteristics	1973						1972						
	June	May	Apr.	Mar.	Feb.	Jan.	Dec.	Nov.	Oct.	Sept.	Aug.	July	June
<b>White</b>													
Total:													
Civilian labor force .....	78,930	78,483	78,334	78,186	77,885	77,418	77,531	77,338	77,673	77,497	77,356	76,969	76,870
Employed .....	75,543	75,009	74,813	74,713	74,327	73,888	73,989	73,802	73,774	73,640	73,416	73,131	72,965
Unemployed .....	3,387	3,474	3,521	3,473	3,558	3,530	3,542	3,536	3,899	3,857	3,940	3,838	3,905
Unemployment rate .....	4.3	4.4	4.5	4.4	4.6	4.6	4.6	4.6	5.0	5.0	5.1	5.0	5.1
<b>Males, 20 years and over:</b>													
Civilian labor force .....	44,480	44,326	44,263	44,341	44,268	44,217	44,267	44,160	44,308	44,201	44,089	44,059	43,975
Employed .....	43,163	42,977	42,892	42,971	42,886	42,822	42,885	42,718	42,647	42,645	42,536	42,519	42,323
Unemployed .....	1,317	1,349	1,371	1,370	1,382	1,395	1,382	1,442	1,661	1,556	1,553	1,540	1,652
Unemployment rate .....	3.0	3.0	3.1	3.1	3.1	3.2	3.1	3.3	3.7	3.5	3.5	3.5	3.8
<b>Females, 20 years and over:</b>													
Civilian labor force .....	26,918	26,575	26,496	26,233	26,160	25,971	25,877	25,830	26,018	26,034	26,149	25,973	25,825
Employed .....	25,721	25,487	25,355	25,086	25,006	24,734	24,698	24,704	24,754	24,782	24,821	24,603	24,520
Unemployed .....	1,197	1,088	1,141	1,147	1,154	1,237	1,179	1,126	1,264	1,252	1,328	1,370	1,305
Unemployment rate .....	4.4	4.1	4.3	4.4	4.4	4.8	4.6	4.4	4.9	4.8	5.1	5.3	5.1
<b>Both sexes, 16 to 19 years:</b>													
Civilian labor force .....	7,532	7,582	7,575	7,612	7,456	7,230	7,387	7,348	7,347	7,262	7,118	6,937	7,070
Employed .....	6,659	6,545	6,566	6,656	6,435	6,332	6,406	6,380	6,373	6,213	6,059	6,009	6,122
Unemployed .....	873	1,037	1,009	956	1,021	898	981	968	974	1,049	1,059	928	948
Unemployment rate .....	11.6	13.7	13.3	12.6	13.7	12.4	13.3	13.2	13.3	14.4	14.9	13.4	13.4
<b>Negro and other races</b>													
Total:													
Civilian labor force .....	9,927	9,962	9,981	10,030	9,788	9,647	9,725	9,701	9,632	9,587	9,600	9,604	9,602
Employed .....	9,086	9,027	9,073	9,127	8,906	8,790	8,787	8,723	8,668	8,630	8,668	8,645	8,721
Unemployed .....	841	935	908	903	882	857	938	978	964	957	932	959	881
Unemployment rate .....	8.5	9.4	9.1	9.0	9.0	8.9	9.6	10.1	10.0	10.0	9.7	10.0	9.2
<b>Males, 20 years and over:</b>													
Civilian labor force .....	5,038	5,050	5,042	5,036	4,887	4,823	4,892	4,874	4,890	4,862	4,866	4,895	4,874
Employed .....	4,764	4,707	4,729	4,730	4,621	4,578	4,608	4,587	4,592	4,548	4,538	4,516	4,573
Unemployed .....	274	343	313	306	266	245	284	287	298	314	328	379	301
Unemployment rate .....	5.4	6.8	6.2	6.1	5.4	5.1	5.8	5.9	6.1	6.5	6.7	7.7	6.2
<b>Females, 20 years and over:</b>													
Civilian labor force .....	3,954	4,003	3,997	4,106	3,994	3,997	3,979	3,965	3,922	3,887	3,845	3,848	3,877
Employed .....	3,650	3,686	3,711	3,769	3,665	3,628	3,638	3,593	3,534	3,517	3,518	3,531	3,543
Unemployed .....	304	317	286	337	329	369	341	372	388	370	327	317	334
Unemployment rate .....	7.7	7.9	7.2	8.2	8.2	9.2	8.6	9.4	9.9	9.5	8.5	8.2	8.6
<b>Both sexes, 16 to 19 years:</b>													
Civilian labor force .....	935	909	942	888	907	827	854	862	820	838	889	861	851
Employed .....	672	634	633	628	620	584	541	543	542	565	612	598	605
Unemployed .....	263	275	309	260	287	243	313	319	278	273	277	263	246
Unemployment rate .....	28.1	30.3	32.8	29.3	31.6	29.4	36.7	37.0	33.9	32.6	31.2	30.5	28.9

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

(In thousands)

Duration of unemployment	1973						1972						
	June	May	Apr.	Mar.	Feb.	Jan.	Dec.	Nov.	Oct.	Sept.	Aug.	July	June
Less than 5 weeks .....	2,233	2,257	2,184	2,138	2,324	2,060	2,026	2,151	2,239	2,312	2,255	2,208	2,234
5 to 14 weeks .....	1,202	1,290	1,485	1,330	1,265	1,375	1,444	1,348	1,455	1,395	1,490	1,487	1,450
15 weeks and over .....	775	802	763	859	895	919	1,001	1,068	1,117	1,134	1,170	1,151	1,139
15 to 26 weeks .....	453	450	460	479	530	515	530	579	589	590	625	648	594
27 weeks and over .....	322	352	303	380	365	404	471	489	528	544	545	503	545
Average (mean) duration .....	9.8	10.0	9.9	10.5	10.5	10.9	11.4	11.6	11.9	12.1	12.0	11.8	12.4

## HOUSEHOLD DATA SEASONALLY ADJUSTED

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

(Unemployment rates)

Selected categories	1973						1972						
	June	May	Apr.	Mar.	Feb.	Jan.	Dec.	Nov.	Oct.	Sept.	Aug.	July	June
Total (all civilian workers) .....	4.8	5.0	5.0	5.0	5.1	5.0	5.1	5.2	5.5	5.5	5.6	5.6	5.5
Men, 20 years and over .....	3.2	3.4	3.4	3.4	3.4	3.3	3.4	3.5	3.9	3.8	3.9	3.9	4.0
Women, 20 years and over .....	4.9	4.6	4.7	4.9	4.9	5.3	5.1	5.0	5.5	5.4	5.5	5.7	5.6
Both sexes, 16-19 years .....	13.3	15.4	15.4	14.2	15.8	14.3	15.7	15.6	15.4	16.2	16.7	15.5	14.9
White .....	4.3	4.4	4.5	4.4	4.6	4.6	4.6	4.6	5.0	5.0	5.1	5.0	5.1
Negro and other races .....	8.5	9.4	9.1	9.0	9.0	8.9	9.6	10.1	10.0	10.0	9.7	10.0	9.2
Household heads .....	2.9	2.9	3.0	3.0	3.0	2.9	2.9	2.9	3.4	3.3	3.3	3.3	3.5
Married men .....	2.3	2.3	2.4	2.5	2.4	2.4	2.4	2.5	2.8	2.8	2.6	2.7	2.9
Full-time workers .....	4.2	4.4	4.5	4.5	4.6	4.6	4.7	4.6	5.0	5.0	5.1	5.1	5.0
Part-time workers .....	8.6	8.6	8.4	7.5	7.9	7.9	8.4	8.4	8.5	8.7	8.8	8.1	8.7
Unemployed 15 weeks and over <sup>1</sup> .....	.9	.9	.9	1.0	1.0	1.1	1.1	1.2	1.3	1.3	1.3	1.3	1.3
State insured <sup>2</sup> .....	2.8	2.7	2.7	2.9	2.8	2.9	3.1	3.1	3.2	3.3	3.4	3.7	3.6
Labor force time lost <sup>3</sup> .....	5.1	5.3	5.3	5.2	5.4	5.3	5.3	5.4	5.8	5.8	6.1	6.0	5.9
<b>Occupation</b>													
White-collar workers .....	2.8	2.8	3.1	2.9	3.0	3.2	3.3	3.1	3.5	3.4	3.5	3.4	3.2
Professional and technical .....	1.9	2.0	2.2	2.3	2.0	2.4	2.6	2.2	2.6	2.3	2.4	2.5	2.1
Managers and administrators, except farm .....	1.4	1.4	1.5	1.2	1.7	1.6	1.7	1.9	2.0	1.7	1.8	1.9	1.4
Sales workers .....	3.4	3.6	3.9	3.5	3.5	3.9	4.3	4.3	4.4	4.7	4.7	4.2	4.2
Clerical workers .....	4.1	4.0	4.4	4.2	4.3	4.5	4.4	3.9	4.8	4.7	4.8	4.6	4.8
Blue-collar workers .....	5.3	5.4	5.4	5.4	5.7	5.5	5.6	5.8	6.0	6.0	6.4	6.5	6.5
Craftsmen and kindred workers .....	3.5	3.6	3.7	3.8	3.8	3.7	3.9	4.2	4.1	4.0	4.3	4.3	4.4
Operatives .....	5.7	5.7	5.6	5.8	6.2	6.3	5.8	5.9	6.3	6.3	6.7	7.2	7.0
Nonfarm laborers .....	8.7	8.9	8.7	8.2	8.9	8.4	8.8	9.1	9.3	9.5	10.7	9.6	9.8
Service workers .....	5.0	5.7	6.0	6.2	6.1	5.5	6.2	6.3	6.4	6.9	6.3	6.5	5.9
Farm workers .....	2.6	3.7	3.0	2.2	2.5	2.4	2.3	3.4	2.9	2.7	2.7	2.3	2.6
<b>Industry</b>													
Nonagricultural private wage and salary workers <sup>4</sup> .....	4.7	4.9	4.9	4.9	5.1	5.1	5.2	5.3	5.6	5.6	5.8	5.7	5.6
Construction .....	7.9	9.0	9.4	8.5	8.7	9.0	9.8	10.5	10.3	9.8	11.0	10.7	9.6
Manufacturing .....	4.4	4.5	4.3	4.6	4.5	5.0	4.4	4.6	5.1	5.1	5.5	5.6	5.7
Durable goods .....	3.7	4.1	3.8	4.5	4.3	4.6	3.9	4.2	4.5	4.8	5.2	5.7	5.8
Nondurable goods .....	5.3	5.1	5.1	4.9	4.9	5.5	5.2	5.2	5.8	5.5	5.8	5.6	5.6
Transportation and public utilities .....	3.6	2.8	2.5	3.0	3.2	2.9	2.7	2.8	3.3	3.9	3.9	3.8	3.3
Wholesale and retail trade .....	5.2	5.6	5.7	5.3	5.9	5.6	6.1	6.3	6.5	6.6	6.6	6.5	6.5
Finance and service industries .....	4.0	4.1	4.5	4.7	4.7	4.4	4.9	4.5	5.0	4.6	4.6	4.5	4.4
Government workers .....	2.6	2.7	3.3	2.6	2.6	2.3	3.0	2.9	3.0	3.2	3.0	3.0	2.7
Agricultural wage and salary workers .....	6.8	9.7	8.1	6.5	7.3	6.4	6.4	8.7	10.0	8.2	6.9	6.1	7.4

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

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

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

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

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

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

Sex and age	1973						1972						
	June	May	Apr.	Mar.	Feb.	Jan.	Dec.	Nov.	Oct.	Sept.	Aug.	July	June
<b>Total, 16 years and over</b> .....	4.8	5.0	5.0	5.0	5.1	5.0	5.1	5.2	5.5	5.5	5.6	5.6	5.5
16 to 19 years .....	13.3	15.4	15.4	14.2	15.8	14.3	15.7	15.6	15.4	16.2	16.7	15.5	14.9
16 and 17 years .....	17.2	18.7	19.4	17.2	18.8	17.3	17.5	18.3	17.6	19.3	20.0	17.0	17.0
18 and 19 years .....	10.0	13.4	12.6	12.2	13.5	12.2	14.4	13.7	13.7	14.1	14.1	14.2	13.0
20 to 24 years .....	7.7	8.1	8.1	7.9	7.9	8.2	8.7	8.4	9.2	9.0	9.2	9.6	9.0
25 years and over .....	3.2	3.1	3.1	3.2	3.3	3.3	3.2	3.3	3.6	3.5	3.6	3.7	3.8
25 to 34 years .....	3.3	3.2	3.3	3.4	3.4	3.4	3.4	3.4	3.6	3.6	3.7	3.8	3.9
35 years and over .....	2.6	2.5	2.5	2.6	2.7	2.9	3.0	2.8	3.4	3.1	3.7	3.4	3.5
<b>Males, 16 years and over</b> .....	4.1	4.4	4.4	4.3	4.3	4.2	4.4	4.6	4.8	4.8	4.9	4.7	4.8
16 to 19 years .....	12.8	14.7	14.7	13.4	14.4	13.4	15.4	15.7	14.5	15.7	16.2	14.3	14.0
16 and 17 years .....	16.7	18.0	20.0	17.1	18.0	17.1	17.4	18.4	17.1	20.0	19.7	15.2	15.8
18 and 19 years .....	9.6	12.3	10.7	10.6	11.3	11.0	13.7	13.7	12.5	12.7	13.3	13.4	12.5
20 to 24 years .....	7.4	7.8	7.9	7.5	7.5	7.7	8.2	8.5	8.8	8.6	8.8	9.3	8.8
25 years and over .....	2.5	2.7	2.7	2.7	2.7	2.6	2.7	2.8	3.1	3.0	3.1	3.0	3.2
25 to 34 years .....	2.5	2.7	2.8	2.8	2.8	2.7	2.6	2.8	2.9	2.9	3.0	3.0	3.2
35 years and over .....	2.8	2.6	2.4	2.2	2.3	2.5	3.0	2.7	3.5	3.4	3.4	3.2	3.5
<b>Females, 16 years and over</b> .....	5.9	5.9	6.0	6.1	6.3	6.4	6.3	6.1	6.7	6.6	6.8	6.9	6.7
16 to 19 years .....	13.9	16.3	16.2	15.2	17.5	15.4	16.2	15.4	16.6	16.9	17.3	16.9	16.1
16 and 17 years .....	17.7	19.6	18.7	17.4	20.0	17.7	17.6	18.1	18.4	18.3	20.6	19.4	18.6
18 and 19 years .....	10.4	14.7	14.8	14.0	16.1	13.7	15.4	13.8	15.2	15.9	15.1	15.0	13.6
20 to 24 years .....	8.0	8.4	8.3	8.4	8.3	8.9	9.2	8.2	9.7	9.6	9.6	9.9	9.2
25 years and over .....	4.2	3.7	3.9	4.1	4.3	4.4	4.2	4.3	4.5	4.5	4.6	4.8	4.8
25 to 34 years .....	4.7	4.1	4.3	4.3	4.5	4.7	4.6	4.6	4.8	4.9	4.9	5.1	5.1
35 years and over .....	2.4	2.3	2.6	3.4	3.5	3.7	3.0	3.0	3.2	2.7	4.1	3.8	3.6

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

(Numbers in thousands)

Reason for unemployment	1973						1972						
	June	May	Apr.	Mar.	Feb.	Jan.	Dec.	Nov.	Oct.	Sept.	Aug.	July	June
<b>Number of unemployed</b>													
Lost last job .....	1,713	1,597	1,652	1,677	1,724	1,758	1,846	1,882	1,988	2,102	2,185	2,133	2,160
Left last job .....	659	605	653	745	671	550	672	646	685	653	648	634	607
Reentered labor force .....	1,203	1,509	1,484	1,296	1,377	1,409	1,322	1,375	1,450	1,422	1,423	1,434	1,362
Never worked before .....	620	765	704	714	684	679	629	621	638	656	645	620	634
<b>Percent distribution</b>													
Total unemployed .....	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Lost last job .....	40.8	35.7	36.8	37.8	38.7	40.0	41.3	41.6	41.8	43.5	44.6	44.2	45.3
Left last job .....	15.7	13.5	14.5	16.8	15.1	12.5	15.0	14.3	14.4	13.5	13.2	13.2	12.7
Reentered labor force .....	28.7	33.7	33.0	29.2	30.9	32.1	29.6	30.4	30.5	29.4	29.0	29.7	28.6
Never worked before .....	14.8	17.1	15.7	16.1	15.4	15.4	14.1	13.7	13.4	13.6	13.2	12.9	13.3
<b>Unemployed as a percent of the civilian labor force</b>													
Lost last job .....	1.9	1.8	1.9	1.9	2.0	2.0	2.1	2.2	2.3	2.4	2.5	2.5	2.5
Left last job .....	.7	.7	.7	.8	.8	.6	.8	.7	.8	.8	.7	.7	.7
Reentered labor force .....	1.4	1.7	1.7	1.5	1.6	1.6	1.5	1.6	1.7	1.6	1.6	1.7	1.6
Never worked before .....	.7	.9	.8	.8	.8	.8	.7	.7	.7	.8	.7	.7	.7



## HOUSEHOLD DATA SEASONALLY ADJUSTED

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

(In thousands)

Sex and age	1973						1972						
	June	May	Apr.	Mar.	Feb.	Jan.	Dec.	Nov.	Oct.	Sept.	Aug.	July	June
<b>Total</b>													
16 years and over . . . . .	84,674	84,024	83,917	83,889	83,127	82,555	82,780	82,525	82,397	82,256	82,061	81,782	81,752
16 to 19 years . . . . .	7,384	7,179	7,222	7,329	7,017	6,898	6,948	6,924	6,889	6,773	6,678	6,593	6,756
16 and 17 years . . . . .	3,004	3,024	2,992	3,018	2,898	2,772	2,861	2,816	2,814	2,772	2,716	2,731	2,781
18 and 19 years . . . . .	4,353	4,180	4,190	4,282	4,166	4,144	4,070	4,099	4,076	3,981	3,953	3,888	3,972
20 to 24 years . . . . .	11,717	11,636	11,593	11,585	11,428	11,321	11,266	11,246	11,160	11,051	10,976	10,866	10,917
25 years and over . . . . .	65,507	65,230	65,164	65,041	64,777	64,417	64,554	64,357	64,449	64,481	64,369	64,200	63,997
25 to 54 years . . . . .	51,736	51,524	51,362	51,135	50,991	50,667	50,671	50,440	50,409	50,410	50,355	50,191	50,026
55 years and over . . . . .	13,794	13,696	13,753	13,864	13,812	13,747	13,889	13,910	14,024	14,099	14,027	13,984	13,972
<b>Male</b>													
16 years and over . . . . .	51,948	51,587	51,639	51,812	51,375	51,201	51,336	51,165	51,132	51,034	50,852	50,708	50,710
16 to 19 years . . . . .	4,035	3,919	4,017	4,101	3,927	3,840	3,861	3,857	3,905	3,838	3,782	3,666	3,786
16 and 17 years . . . . .	1,704	1,706	1,675	1,758	1,671	1,560	1,636	1,619	1,631	1,582	1,603	1,579	1,616
18 and 19 years . . . . .	2,315	2,231	2,297	2,327	2,311	2,285	2,229	2,231	2,284	2,238	2,171	2,109	2,167
20 to 24 years . . . . .	6,529	6,533	6,498	6,524	6,394	6,383	6,349	6,297	6,263	6,185	6,097	6,061	6,102
25 years and over . . . . .	41,340	41,155	41,166	41,248	41,108	41,026	41,107	41,006	41,034	41,025	40,936	40,935	40,765
25 to 54 years . . . . .	32,682	32,556	32,502	32,385	32,346	32,322	32,267	32,195	32,123	32,131	32,085	32,069	31,928
55 years and over . . . . .	8,675	8,583	8,691	8,851	8,779	8,705	8,841	8,827	8,870	8,890	8,853	8,847	8,848
<b>Female</b>													
16 years and over . . . . .	32,726	32,437	32,278	32,077	31,752	31,354	31,444	31,360	31,265	31,222	31,209	31,074	31,042
16 to 19 years . . . . .	3,349	3,260	3,205	3,228	3,090	3,058	3,087	3,067	2,984	2,935	2,896	2,927	2,970
16 and 17 years . . . . .	1,300	1,318	1,317	1,260	1,227	1,212	1,225	1,197	1,183	1,190	1,113	1,152	1,165
18 and 19 years . . . . .	2,038	1,949	1,893	1,955	1,855	1,859	1,841	1,868	1,792	1,743	1,782	1,779	1,805
20 to 24 years . . . . .	5,188	5,103	5,095	5,061	5,034	4,938	4,917	4,949	4,897	4,866	4,879	4,805	4,815
25 years and over . . . . .	24,167	24,075	23,998	23,793	23,669	23,391	23,447	23,351	23,415	23,456	23,433	23,265	23,232
25 to 54 years . . . . .	19,054	18,968	18,860	18,750	18,645	18,345	18,404	18,245	18,286	18,279	18,270	18,122	18,098
55 years and over . . . . .	5,119	5,113	5,062	5,013	5,033	5,042	5,048	5,083	5,154	5,209	5,174	5,137	5,124

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

(In thousands)

Occupational group	1973						1972						
	June	May	Apr.	Mar.	Feb.	Jan.	Dec.	Nov.	Oct.	Sept.	Aug.	July	June
<b>White-collar workers</b> . . . . .	40,111	40,067	39,858	40,127	40,054	39,923	39,481	39,636	39,429	39,493	39,363	39,100	38,797
Professional & technical . . . . .	11,710	11,485	11,451	11,635	11,737	11,798	11,628	11,632	11,494	11,631	11,682	11,418	11,410
Managers and administrators, except farm . . . . .	8,490	8,555	8,559	8,480	8,504	8,389	8,342	8,162	8,080	7,993	8,053	8,009	7,899
Sales workers . . . . .	5,532	5,453	5,447	5,443	5,410	5,561	5,311	5,458	5,440	5,453	5,339	5,364	5,283
Clerical workers . . . . .	14,379	14,574	14,401	14,569	14,403	14,175	14,200	14,384	14,415	14,416	14,289	14,309	14,205
<b>Blue-collar workers</b> . . . . .	30,043	30,066	29,987	29,658	29,279	28,989	28,901	28,754	28,850	28,698	28,544	28,538	28,764
Craftsmen and kindred workers . . . . .	11,610	11,472	11,271	11,213	10,980	10,909	10,763	10,703	10,742	10,796	10,811	10,818	10,884
Operatives <sup>1</sup> . . . . .	14,137	14,339	14,425	14,212	14,168	13,827	13,817	13,758	13,714	13,597	13,448	13,421	13,613
Nonfarm laborers . . . . .	4,296	4,255	4,291	4,233	4,131	4,253	4,321	4,293	4,394	4,305	4,285	4,299	4,267
<b>Service workers</b> . . . . .	11,388	11,107	11,099	10,946	10,745	10,756	10,060	10,956	10,963	10,968	10,997	11,072	11,120
Farmers and farm laborers . . . . .	2,982	2,872	2,911	3,047	3,066	3,089	3,244	3,193	3,249	3,146	3,169	3,015	2,905

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

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

Employment status	(Numbers in thousands)									
	June 1973	May 1973	June 1972	Seasonally adjusted						
				June 1973	May 1973	Apr. 1973	Mar. 1973	Feb. 1973	June 1972	
<b>VETERANS<sup>1</sup></b>										
<b>Total, 20 to 29 years</b>										
Civilian noninstitutional population <sup>2</sup>	4,682	4,681	4,529	4,682	4,681	4,675	4,665	4,656	4,529	
Civilian labor force	4,430	4,325	4,230	4,380	4,349	4,370	4,333	4,322	4,183	
Employed	4,185	4,081	3,950	4,118	4,093	4,101	4,079	4,075	3,885	
Unemployed	245	244	280	262	256	269	254	247	298	
Unemployment rate	5.5	5.6	6.6	6.0	5.9	6.2	5.9	5.7	7.1	
<b>20 to 24 years</b>										
Civilian noninstitutional population <sup>2</sup>	1,681	1,713	1,943	1,681	1,713	1,741	1,766	1,791	1,943	
Civilian labor force	1,566	1,551	1,792	1,551	1,556	1,598	1,613	1,620	1,774	
Employed	1,419	1,424	1,632	1,388	1,420	1,453	1,464	1,452	1,597	
Unemployed	147	127	160	163	136	145	149	168	177	
Unemployment rate	9.4	8.2	8.9	10.5	8.7	9.1	9.2	10.4	10.0	
<b>25 to 29 years</b>										
Civilian noninstitutional population <sup>2</sup>	3,001	2,968	2,586	3,001	2,968	2,934	2,899	2,865	2,586	
Civilian labor force	2,864	2,774	2,438	2,829	2,793	2,772	2,720	2,702	2,409	
Employed	2,766	2,657	2,318	2,730	2,673	2,648	2,615	2,623	2,288	
Unemployed	98	117	120	99	120	124	105	79	121	
Unemployment rate	3.4	4.2	4.9	3.5	4.3	4.5	3.9	2.9	5.0	
<b>Total, 30 to 34 years</b>										
Civilian noninstitutional population <sup>2</sup>	1,003	974	682	1,003	974	946	917	888	682	
Civilian labor force	975	937	661	983	939	919	901	856	666	
Employed	954	918	647	960	920	893	865	829	651	
Unemployed	21	19	14	23	19	26	36	27	15	
Unemployment rate	2.2	2.0	2.1	2.3	2.0	2.8	4.0	3.2	2.3	
<b>NONVETERANS</b>										
<b>Total, 20 to 29 years</b>										
Civilian noninstitutional population <sup>2</sup>	10,745	10,662	10,036	10,745	10,662	10,604	10,555	10,464	10,036	
Civilian labor force	9,788	9,243	9,076	9,390	9,457	9,348	9,329	9,216	8,706	
Employed	9,190	8,718	8,412	8,866	8,851	8,781	8,749	8,695	8,128	
Unemployed	598	525	664	524	606	567	580	521	578	
Unemployment rate	6.1	5.7	7.3	5.6	6.4	6.1	6.2	5.7	6.6	
<b>20 to 24 years</b>										
Civilian noninstitutional population <sup>2</sup>	6,629	6,549	6,065	6,629	6,549	6,499	6,455	6,384	6,065	
Civilian labor force	5,893	5,349	5,298	5,499	5,541	5,461	5,449	5,349	4,932	
Employed	5,448	4,986	4,792	5,135	5,119	5,041	5,068	4,994	4,519	
Unemployed	445	363	506	364	422	420	381	355	413	
Unemployment rate	7.6	6.8	9.6	6.6	7.6	7.7	7.0	6.6	8.4	
<b>25 to 29 years</b>										
Civilian noninstitutional population <sup>2</sup>	4,116	4,113	3,971	4,116	4,113	4,105	4,100	4,080	3,971	
Civilian labor force	3,895	3,894	3,778	3,891	3,916	3,887	3,880	3,867	3,774	
Employed	3,742	3,732	3,620	3,731	3,732	3,740	3,681	3,701	3,609	
Unemployed	153	162	158	160	184	147	199	166	165	
Unemployment rate	3.9	4.2	4.2	4.1	4.7	3.8	5.1	4.3	4.4	
<b>Total, 30 to 34 years</b>										
Civilian noninstitutional population <sup>2</sup>	3,599	3,586	3,469	3,599	3,586	3,565	3,546	3,519	3,469	
Civilian labor force	3,465	3,453	3,273	3,480	3,462	3,428	3,413	3,366	3,286	
Employed	3,389	3,366	3,174	3,406	3,363	3,335	3,310	3,251	3,190	
Unemployed	76	87	99	74	99	93	103	115	96	
Unemployment rate	2.2	2.5	3.0	2.1	2.9	2.7	3.0	3.4	2.9	

<sup>1</sup> Vietnam Era veterans are those who served after August 4, 1964. Of the Vietnam Era veterans of all ages, 75 percent were 20 to 29 years of age and 16 percent were 30 to 34 years of age in June 1973. Post-Korean-peace-time veterans are not included in this table.

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

**HOUSEHOLD DATA  
SEASONALLY ADJUSTED  
QUARTERLY AVERAGES**

**A-41: Employment status of the noninstitutional population by sex, age, and color, seasonally adjusted**

Employment status	(Numbers in thousands)												
	1973		1972				1971				1970		
	2nd	1st	4th	3rd	2nd	1st	4th	3rd	2nd	1st	4th	3rd	2nd
<b>Total</b>													
Total noninstitutional population <sup>1</sup>	147,939	147,328	146,710	146,071	145,431	144,890	143,520	142,892	142,285	141,685	141,093	140,467	139,872
Total labor force	90,895	89,972	89,604	89,264	88,815	88,355	87,664	87,077	86,573	86,434	86,407	86,001	85,780
Percent of total population	61.4	61.1	61.1	61.1	61.1	61.0	61.1	60.9	60.8	61.0	61.2	61.2	61.3
Civilian noninstitutional population <sup>1</sup>	145,606	144,943	144,281	143,674	143,006	142,344	140,830	140,118	139,436	138,733	138,049	137,335	136,646
Civilian labor force	88,562	87,586	87,175	86,867	86,391	85,809	84,974	84,303	83,724	83,482	83,363	82,869	82,554
Percent of civilian population	60.8	60.4	60.4	60.5	60.4	60.3	60.3	60.2	60.0	60.2	60.4	60.3	60.4
Employment	84,205	83,190	82,567	82,033	81,474	80,797	79,922	79,277	78,765	78,512	78,513	78,571	78,639
Percent of civilian population	57.8	57.4	57.2	57.1	57.0	56.8	56.8	56.6	56.5	56.6	56.9	57.2	57.5
Agriculture	3,330	3,468	3,621	3,544	3,327	3,409	3,424	3,378	3,409	3,358	3,383	3,460	3,535
Nonagricultural industries	80,875	79,722	78,946	78,489	78,147	77,388	76,498	75,899	75,356	75,154	75,130	75,111	75,104
Unemployment	4,357	4,396	4,608	4,834	4,917	5,012	5,052	5,026	4,959	4,970	4,850	4,298	3,915
Unemployment rate	4.9	5.0	5.3	5.6	5.7	5.8	5.9	6.0	5.9	6.0	5.8	5.2	4.7
<b>Males, 20 years and over</b>													
Total noninstitutional population <sup>1</sup>	62,706	62,471	62,232	61,978	61,721	61,518	61,129	60,881	60,651	60,430	60,214	59,978	59,762
Total labor force	51,299	51,116	51,138	51,019	50,774	50,588	50,487	50,429	50,270	50,040	50,119	49,979	49,959
Percent of total population	81.8	81.8	82.2	82.3	82.3	82.2	82.6	82.8	82.9	82.8	83.2	83.3	83.6
Civilian noninstitutional population <sup>1</sup>	60,797	60,518	60,213	59,953	59,662	59,331	58,805	58,481	58,163	57,851	57,569	57,261	56,968
Civilian labor force	49,390	49,162	49,120	48,994	48,714	48,400	48,163	48,029	47,783	47,462	47,474	47,261	47,166
Percent of civilian population	81.2	81.2	81.6	81.7	81.6	81.6	81.9	82.1	82.2	82.0	82.5	82.5	82.8
Employment	47,734	47,507	47,337	47,102	46,707	46,393	46,063	45,911	45,713	45,400	45,500	45,487	45,606
Percent of civilian population	78.5	78.5	78.6	78.6	78.3	78.2	78.3	78.5	78.6	78.5	78.9	79.4	80.1
Unemployment	1,655	1,655	1,783	1,892	2,007	2,007	2,100	2,118	2,070	2,062	2,024	1,774	1,560
Unemployed rate	3.4	3.4	3.6	3.9	4.1	4.1	4.4	4.4	4.3	4.3	4.3	3.8	3.3
<b>Females, 20 years and over</b>													
Civilian noninstitutional population <sup>1</sup>	69,133	68,815	68,529	68,232	67,932	67,676	66,895	66,602	66,324	66,050	65,778	65,493	65,225
Civilian labor force	30,659	30,117	29,859	29,907	29,665	29,432	29,170	28,796	28,602	28,623	28,519	28,355	28,211
Percent of population	44.3	43.8	43.6	43.8	43.7	43.5	43.6	43.2	43.1	43.3	43.4	43.3	43.3
Employment	29,209	28,602	28,310	28,249	28,019	27,847	27,514	27,151	26,949	26,974	26,963	26,961	26,920
Percent of population	42.3	41.6	41.3	41.4	41.2	41.1	41.1	40.8	40.6	40.8	41.0	41.2	41.3
Unemployment	1,450	1,514	1,549	1,658	1,646	1,585	1,656	1,645	1,653	1,649	1,556	1,394	1,291
Unemployment rate	4.7	5.0	5.2	5.5	5.5	5.4	5.7	5.7	5.8	5.8	5.5	4.9	4.6
<b>Both sexes, 16-19 years</b>													
Civilian noninstitutional population <sup>1</sup>	15,715	15,609	15,539	15,489	15,412	15,337	15,130	15,035	14,948	14,832	14,702	14,582	14,453
Civilian labor force	8,514	8,308	8,196	7,966	8,012	7,977	7,641	7,478	7,339	7,397	7,370	7,253	7,177
Percent of population	54.2	53.2	52.7	51.4	52.0	52.0	50.5	49.7	49.1	49.9	50.1	49.7	49.7
Employment	7,262	7,081	6,920	6,682	6,748	6,557	6,345	6,215	6,103	6,138	6,100	6,123	6,113
Percent of population	46.2	45.4	44.5	43.1	43.8	42.8	41.9	41.3	40.8	41.4	41.5	42.0	42.3
Unemployment	1,252	1,226	1,276	1,284	1,264	1,420	1,296	1,263	1,236	1,259	1,270	1,130	1,064
Unemployment rate	14.7	14.8	15.6	16.1	15.8	17.8	17.0	16.9	16.8	17.0	17.2	15.6	14.8
<b>White</b>													
Civilian noninstitutional population <sup>1</sup>	128,986	128,621	128,159	127,650	127,091	126,534	125,341	124,742	124,176	123,581	123,002	122,392	121,811
Civilian labor force	78,582	77,830	77,514	77,274	76,783	76,303	75,603	74,904	74,434	74,217	74,175	73,649	73,325
Percent of population	60.9	60.5	60.5	60.5	60.4	60.3	60.3	60.0	59.9	60.1	60.3	60.2	60.2
Employment	75,122	74,309	73,855	73,395	72,788	72,301	71,497	70,830	70,377	70,144	70,168	70,138	70,154
Percent of population	58.2	57.8	57.6	57.5	57.3	57.1	57.0	56.8	56.7	56.8	57.0	57.3	57.6
Unemployment	3,461	3,520	3,659	3,879	3,995	4,002	4,106	4,074	4,057	4,073	4,007	3,511	3,171
Unemployment rate	4.4	4.5	4.7	5.0	5.2	5.2	5.4	5.4	5.5	5.5	5.4	4.8	4.3
<b>Negro and other races</b>													
Civilian noninstitutional population <sup>1</sup>	16,620	16,321	16,122	16,025	15,915	15,810	15,489	15,376	15,260	15,152	15,047	14,943	14,836
Civilian labor force	9,957	9,822	9,686	9,597	9,546	9,488	9,385	9,396	9,244	9,255	9,202	9,221	9,205
Percent of population	59.9	60.2	60.1	59.9	60.0	60.0	61.1	60.6	61.1	61.1	61.2	61.7	62.0
Employment	9,062	8,941	8,726	8,648	8,630	8,480	8,435	8,454	8,349	8,364	8,351	8,443	8,465
Percent of population	54.5	54.8	54.1	54.0	54.2	53.6	54.5	55.0	54.7	55.2	55.5	56.5	57.1
Unemployment	895	881	960	949	916	1,008	950	942	895	891	851	778	740
Unemployment rate	9.0	9.0	9.9	9.9	9.6	10.6	10.1	10.0	9.7	9.6	9.2	8.4	8.0

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

**HOUSEHOLD DATA**  
**SEASONALLY ADJUSTED**  
**QUARTERLY AVERAGES**

**A-42: Full- and part-time status of the civilian labor force by sex and age, seasonally adjusted**  
(Numbers in thousands)

Full- and part-time employment status, sex, and age	1973		1972				1971				1970		
	2nd	1st	4th	3rd	2nd	1st	4th	3rd	2nd	1st	4th	3rd	2nd
<b>Full time</b>													
Total 16 years and over:													
Civilian labor force	75,867	75,245	74,602	74,226	74,020	73,337	72,822	72,184	71,797	71,578	71,661	71,179	70,845
Employed <sup>1</sup>	72,561	71,794	71,047	70,480	70,150	69,379	68,754	68,221	67,892	67,653	67,773	67,818	67,759
Unemployed	3,306	3,451	3,555	3,746	3,870	3,958	4,068	3,963	3,905	3,925	3,888	3,361	3,086
Unemployment rate	4.4	4.6	4.8	5.0	5.2	5.4	5.6	5.5	5.4	5.5	5.4	4.7	4.4
Men, 20 years and over:													
Civilian labor force	47,008	46,791	46,639	46,545	46,326	46,000	45,816	45,668	45,451	45,165	45,212	44,979	44,918
Employed <sup>1</sup>	45,518	45,253	45,010	44,823	44,514	44,162	43,858	43,714	43,557	43,275	43,330	43,360	43,497
Unemployed	1,490	1,538	1,629	1,722	1,812	1,838	1,958	1,954	1,894	1,890	1,882	1,619	1,421
Unemployment rate	3.2	3.3	3.5	3.7	3.9	4.0	4.3	4.3	4.2	4.2	4.2	3.6	3.2
Women, 20 years and over:													
Civilian labor force	24,072	23,661	23,379	23,412	23,343	23,050	22,868	22,571	22,468	22,483	22,465	22,288	22,079
Employed <sup>1</sup>	22,926	22,474	22,193	22,095	22,028	21,759	21,554	21,265	21,151	21,169	21,193	21,181	21,039
Unemployed	1,146	1,187	1,186	1,317	1,315	1,291	1,314	1,306	1,317	1,314	1,272	1,107	1,040
Unemployment rate	4.8	5.0	5.1	5.6	5.6	5.6	5.7	5.8	5.9	5.8	5.7	5.0	4.7
Both sexes, 16-19 years:													
Civilian labor force	4,787	4,794	4,584	4,269	4,351	4,287	4,138	3,945	3,878	3,930	3,984	3,912	3,848
Employed <sup>1</sup>	4,117	4,067	3,844	3,562	3,608	3,458	3,342	3,242	3,184	3,209	3,250	3,277	3,223
Unemployed	670	727	740	707	743	829	796	703	694	721	734	635	625
Unemployment rate	14.0	15.2	16.1	16.6	17.1	19.3	19.2	17.8	17.9	18.3	18.4	16.2	16.2
<b>Part time</b>													
Total 16 years and over:													
Civilian labor force	12,705	12,506	12,647	12,647	12,277	12,461	12,198	12,156	11,948	11,888	11,736	11,719	11,691
Employed <sup>1</sup>	11,623	11,534	11,583	11,567	11,228	11,376	11,174	11,098	10,901	10,828	10,752	10,793	10,875
Unemployed	1,083	971	1,064	1,080	1,049	1,085	1,024	1,058	1,047	1,060	984	926	816
Unemployment rate	8.5	7.8	8.4	8.5	8.5	8.7	8.4	8.7	8.8	8.9	8.4	7.9	7.0
Men, 20 years and over:													
Civilian labor force	2,399	2,393	2,496	2,426	2,384	2,399	2,375	2,333	2,327	2,302	2,287	2,258	2,244
Employed <sup>1</sup>	2,235	2,274	2,334	2,264	2,195	2,228	2,216	2,179	2,163	2,128	2,129	2,109	2,117
Unemployed	164	119	162	162	189	171	159	154	164	174	158	149	127
Unemployment rate	6.8	5.0	6.5	6.7	7.9	7.1	6.7	6.6	7.0	7.6	6.9	6.6	5.7
Women, 20 years and over:													
Civilian labor force	6,573	6,482	6,476	6,521	6,286	6,372	6,302	6,254	6,108	6,147	6,057	6,083	6,108
Employed <sup>1</sup>	6,267	6,148	6,123	6,180	5,960	6,074	5,965	5,905	5,775	5,808	5,775	5,794	5,860
Unemployed	306	334	353	341	326	298	337	349	333	339	282	289	248
Unemployment rate	4.7	5.2	5.5	5.2	5.2	4.7	5.3	5.6	5.5	5.5	4.7	4.8	4.1
Both sexes, 16-19 years:													
Civilian labor force	3,733	3,630	3,675	3,700	3,607	3,690	3,521	3,569	3,513	3,439	3,392	3,378	3,339
Employed <sup>1</sup>	3,120	3,112	3,126	3,123	3,073	3,074	2,993	3,014	2,963	2,892	2,848	2,890	2,898
Unemployed	612	518	549	577	534	616	528	555	550	547	544	488	441
Unemployment rate	16.4	14.3	14.9	15.6	14.8	16.7	15.0	15.6	15.7	15.9	16.0	14.4	13.2

<sup>1</sup>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  
QUARTERLY AVERAGES**
**A-43: Employment status by color, sex, and age, seasonally adjusted**  
(In thousands)

Characteristics	1973		1972				1971				1970		
	2nd	1st	4th	3rd	2nd	1st	4th	3rd	2nd	1st	4th	3rd	2nd
<b>White</b>													
<b>Total:</b>													
Civilian labor force .....	78,582	77,830	77,514	77,274	76,783	76,303	75,603	74,904	74,434	74,217	74,175	73,649	73,325
Employed .....	75,122	74,309	73,855	73,395	72,788	72,301	71,497	70,830	70,377	70,144	70,168	70,138	70,154
Unemployed .....	3,461	3,520	3,659	3,879	3,995	4,002	4,106	4,074	4,057	4,073	4,007	3,511	3,171
Unemployment rate .....	4.4	4.5	4.7	5.0	5.2	5.2	5.4	5.4	5.5	5.5	5.4	4.8	4.3
<b>Males, 20 years and over:</b>													
Civilian labor force .....	44,356	44,275	44,245	44,117	43,850	43,626	43,385	43,236	43,012	42,710	42,740	42,495	42,450
Employed .....	43,011	42,893	42,750	42,567	42,184	41,961	41,653	41,476	41,270	40,981	41,025	41,007	41,157
Unemployed .....	1,346	1,382	1,495	1,550	1,666	1,665	1,732	1,760	1,742	1,729	1,715	1,488	1,293
Unemployment rate .....	3.0	3.1	3.4	3.5	3.8	3.8	4.0	4.1	4.1	4.0	4.0	3.5	3.0
<b>Females, 20 years and over:</b>													
Civilian labor force .....	26,663	26,121	25,909	26,052	25,786	25,552	25,362	24,984	24,856	24,903	24,858	24,685	24,520
Employed .....	25,521	24,942	24,719	24,735	24,460	24,314	24,033	23,679	23,535	23,566	23,584	23,550	23,483
Unemployed .....	1,142	1,179	1,190	1,317	1,326	1,238	1,329	1,305	1,321	1,337	1,274	1,135	1,037
Unemployment rate .....	4.3	4.5	4.6	5.1	5.1	4.8	5.2	5.2	5.3	5.4	5.1	4.6	4.2
<b>Both sexes, 16 to 19 years:</b>													
Civilian labor force .....	7,563	7,433	7,360	7,105	7,147	7,125	6,856	6,684	6,566	6,604	6,577	6,469	6,355
Employed .....	6,590	6,474	6,386	6,093	6,144	6,026	5,811	5,675	5,572	5,597	5,559	5,581	5,514
Unemployed .....	973	958	974	1,012	1,003	1,099	1,045	1,009	994	1,007	1,018	888	841
Unemployment rate .....	12.9	12.9	13.2	14.2	14.0	15.4	15.2	15.1	15.1	15.2	15.5	13.7	13.2
<b>Negro and other races</b>													
<b>Total:</b>													
Civilian labor force .....	9,957	9,822	9,686	9,597	9,546	9,488	9,385	9,396	9,244	9,255	9,202	9,221	9,205
Employed .....	9,062	8,941	8,726	8,648	8,630	8,480	8,435	8,454	8,349	8,364	8,351	8,443	8,465
Unemployed .....	895	881	960	949	916	1,008	950	942	895	891	851	778	740
Unemployment rate .....	9.0	9.0	9.9	9.9	9.6	10.6	10.1	10.0	9.7	9.6	9.2	8.4	8.0
<b>Males, 20 years and over:</b>													
Civilian labor force .....	5,043	4,915	4,886	4,874	4,847	4,774	4,791	4,789	4,756	4,752	4,745	4,764	4,707
Employed .....	4,733	4,643	4,596	4,534	4,508	4,431	4,422	4,433	4,430	4,421	4,435	4,481	4,440
Unemployed .....	310	272	290	340	339	343	369	356	326	331	310	283	267
Unemployment rate .....	6.1	5.5	5.9	7.0	7.0	7.2	7.7	7.4	6.9	7.0	6.5	5.9	5.7
<b>Females, 20 years and over:</b>													
Civilian labor force .....	3,985	4,032	3,955	3,860	3,859	3,883	3,810	3,808	3,730	3,728	3,664	3,667	3,685
Employed .....	3,682	3,687	3,588	3,522	3,544	3,528	3,478	3,474	3,403	3,412	3,379	3,412	3,435
Unemployed .....	302	345	367	338	315	355	332	334	327	316	285	255	250
Unemployment rate .....	7.6	8.6	9.3	8.8	8.2	9.1	8.7	8.8	8.8	8.5	7.8	7.0	6.8
<b>Both sexes, 16 to 19 years:</b>													
Civilian labor force .....	929	874	845	863	840	831	784	799	758	775	793	790	813
Employed .....	646	611	542	592	578	521	535	547	516	531	537	550	590
Unemployed .....	282	263	303	271	262	310	249	252	242	244	256	240	223
Unemployment rate .....	30.4	30.1	35.9	31.4	31.2	37.3	31.8	31.5	31.9	31.5	32.3	30.4	27.4

**A-44: Unemployed persons by duration of unemployment, seasonally adjusted**

(In thousands)

Duration of unemployment	1973		1972				1971				1970		
	2nd	1st	4th	3rd	2nd	1st	4th	3rd	2nd	1st	4th	3rd	2nd
Less than 5 weeks .....	2,225	2,174	2,139	2,258	2,207	2,269	2,249	2,263	2,196	2,227	2,334	2,179	2,118
5 to 14 weeks .....	1,326	1,323	1,416	1,457	1,490	1,467	1,545	1,550	1,570	1,637	1,582	1,373	1,209
15 weeks and over .....	780	891	1,062	1,152	1,146	1,247	1,289	1,257	1,140	1,089	925	723	605
15 to 26 weeks .....	454	508	566	621	565	627	688	699	650	647	594	469	389
27 weeks and over .....	326	383	496	531	581	620	601	558	490	442	331	254	216
Average (mean) duration .....	9.9	10.6	11.6	12.0	12.3	12.3	12.1	11.7	11.2	10.5	9.4	8.9	8.5

**HOUSEHOLD DATA  
SEASONALLY ADJUSTED  
QUARTERLY AVERAGES**

**A-45: Major unemployment indicators, seasonally adjusted**  
(Unemployment rates)

Selected categories	1973		1972				1971				1970		
	2nd	1st	4th	3rd	2nd	1st	4th	3rd	2nd	1st	4th	3rd	2nd
Total (all civilian workers) .....	4.9	5.0	5.3	5.6	5.7	5.8	5.9	6.0	5.9	6.0	5.8	5.2	4.7
Men, 20 years and over .....	3.4	3.4	3.6	3.9	4.1	4.1	4.4	4.4	4.3	4.3	4.3	3.8	3.3
Women, 20 years and over .....	4.7	5.0	5.2	5.5	5.5	5.4	5.7	5.7	5.8	5.8	5.5	4.9	4.6
Both sexes, 16-19 years .....	14.7	14.8	15.6	16.1	15.8	17.8	17.0	16.9	16.8	17.0	17.2	15.6	14.8
White .....	4.4	4.5	4.7	5.0	5.2	5.2	5.4	5.4	5.5	5.5	5.4	4.8	4.3
Negro and other races .....	9.0	9.0	9.9	9.9	9.6	10.6	10.1	10.0	9.7	9.6	9.2	8.4	8.0
Household heads .....	2.9	2.9	3.1	3.3	3.5	3.4	3.6	3.7	3.6	3.7	3.5	3.1	2.8
Married men .....	2.3	2.4	2.5	2.7	2.9	2.9	3.2	3.2	3.1	3.2	3.2	2.8	2.4
Full-time workers .....	4.4	4.6	4.8	5.0	5.2	5.4	5.6	5.5	5.4	5.5	5.4	4.7	4.4
Part-time workers .....	8.5	7.8	8.4	8.5	8.5	8.7	8.4	8.7	8.8	8.9	8.4	7.9	7.0
Unemployed 15 weeks and over <sup>1</sup> .....	.9	1.0	1.2	1.3	1.3	1.5	1.5	1.5	1.4	1.3	1.1	.9	.7
State insured <sup>2</sup> .....	2.7	2.9	3.1	3.5	3.6	3.7	4.0	4.1	4.1	4.0	4.3	3.8	3.4
Labor force time lost <sup>3</sup> .....	5.2	5.3	5.5	6.0	6.1	6.2	6.3	6.3	6.2	6.4	6.1	5.5	5.1
<b>Occupation</b>													
White-collar workers .....	2.9	3.0	3.3	3.4	3.3	3.5	3.4	3.5	3.5	3.6	3.4	2.9	2.7
Professional and technical .....	2.0	2.2	2.5	2.4	2.2	2.6	2.9	2.9	2.9	3.1	2.4	2.1	1.9
Managers and administrators, except farm .....	1.5	1.5	1.9	1.8	1.6	1.8	1.7	1.5	1.6	1.6	1.6	1.4	1.3
Sales workers .....	3.6	3.6	4.4	4.5	4.0	4.1	4.0	4.3	4.5	4.2	4.7	3.9	3.8
Clerical workers .....	4.2	4.3	4.4	4.7	4.9	4.8	4.7	4.8	4.8	4.9	4.8	4.0	3.9
Blue-collar workers .....	5.3	5.6	5.8	6.3	6.6	7.0	7.3	7.4	7.4	7.5	7.4	6.8	6.0
Craftsmen and kindred workers .....	3.6	3.8	4.1	4.2	4.4	4.4	4.8	5.2	4.2	4.9	4.6	4.4	3.8
Operatives .....	5.6	6.1	6.0	6.7	7.2	7.7	7.9	8.2	8.6	8.5	8.5	7.5	6.7
Nonfarm laborers .....	8.7	8.5	9.1	9.9	10.4	11.6	11.5	10.3	11.0	10.5	10.9	10.3	9.3
Service workers .....	5.6	5.9	6.3	6.6	6.1	6.2	6.4	6.4	6.3	6.2	6.0	5.4	5.0
Farm workers .....	3.1	2.4	2.9	2.5	2.6	2.4	2.6	2.7	2.1	2.9	2.8	2.8	2.6
<b>Industry</b>													
Nonagricultural private wage and salary workers <sup>4</sup> .....	4.8	5.0	5.4	5.7	5.8	6.0	6.1	6.2	6.3	6.3	6.2	5.6	5.0
Construction .....	8.8	8.7	10.2	10.5	10.5	10.1	10.5	9.8	10.1	11.0	11.2	11.7	9.9
Manufacturing .....	4.4	4.7	4.7	5.4	5.8	6.2	6.4	6.8	6.9	7.0	6.9	5.9	5.1
Durable goods .....	3.9	4.5	4.2	5.2	5.9	6.3	6.5	7.0	7.3	7.3	7.4	6.0	5.0
Nondurable goods .....	5.2	5.1	5.4	5.6	5.8	6.1	6.3	6.6	6.4	6.6	6.3	5.8	5.3
Transportation and public utilities .....	3.0	3.0	2.9	3.9	3.4	3.8	4.2	3.5	3.8	3.8	3.6	3.4	3.3
Wholesale and retail trade .....	5.5	5.6	6.3	6.6	6.3	6.4	6.4	6.3	6.6	6.4	6.2	5.5	5.2
Finance and service industries .....	4.2	4.6	4.8	4.6	4.7	5.1	5.1	5.1	5.0	5.1	4.9	4.5	4.0
Government workers .....	2.9	2.5	3.0	3.1	2.8	2.9	3.1	3.0	2.9	2.7	2.6	2.1	2.2
Agricultural wage and salary workers .....	8.2	6.7	8.4	7.1	7.5	7.6	7.8	8.3	6.8	8.3	8.8	7.9	7.3

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

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

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

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

**HOUSEHOLD DATA**  
**SEASONALLY ADJUSTED**  
**QUARTERLY AVERAGES**

**A-46: Rates of unemployment by sex and age, seasonally adjusted**

Sex and age	1973		1972				1971				1970		
	2nd	1st	4th	3rd	2nd	1st	4th	3rd	2nd	1st	4th	3rd	2nd
<b>Total, 16 years and over</b> .....	4.9	5.0	5.3	5.6	5.7	5.8	5.9	6.0	5.9	6.0	5.8	5.2	4.7
16 to 19 years .....	14.7	14.8	15.6	16.1	15.8	17.8	17.0	16.9	16.8	17.0	17.2	15.6	14.8
16 and 17 years .....	18.4	17.8	17.8	18.8	17.8	20.0	18.8	18.6	19.0	18.4	18.9	17.1	16.9
18 and 19 years .....	12.0	12.6	14.0	14.1	14.4	16.1	15.6	15.5	15.3	16.0	16.1	14.4	13.3
20 to 24 years .....	7.9	8.0	8.7	9.3	9.4	9.7	9.8	9.8	10.3	9.9	9.6	8.7	7.7
25 years and over .....	3.1	3.3	3.4	3.6	3.8	3.7	4.0	4.0	3.9	4.0	3.9	3.4	3.2
25 to 54 years .....	3.3	3.4	3.5	3.7	3.9	3.9	4.2	4.2	4.1	4.2	4.1	3.6	3.2
55 years and over .....	2.5	2.8	3.1	3.4	3.5	3.2	3.2	3.3	3.4	3.5	3.3	3.0	2.9
<b>Males, 16 years and over</b> .....	4.3	4.2	4.6	4.8	5.1	5.3	5.4	5.4	5.3	5.3	5.3	4.7	4.2
16 to 19 years .....	14.1	13.7	15.2	15.4	15.5	18.0	16.8	16.6	16.6	16.6	16.7	15.6	14.9
16 and 17 years .....	18.2	17.4	17.6	18.4	17.7	20.4	19.0	18.7	18.4	18.4	18.7	17.0	16.9
18 and 19 years .....	10.9	11.0	13.3	13.1	13.8	16.0	15.0	14.8	15.1	15.2	15.1	14.5	13.2
20 to 24 years .....	7.7	7.6	8.5	8.9	9.5	10.0	10.2	10.3	10.4	10.2	10.4	9.2	7.7
25 years and over .....	2.6	2.7	2.8	3.0	3.3	3.2	3.5	3.5	3.4	3.5	3.4	3.0	2.7
25 to 54 years .....	2.7	2.8	2.8	3.0	3.2	3.2	3.6	3.6	3.4	3.4	3.4	2.9	2.7
55 years and over .....	2.6	2.3	3.1	3.3	3.4	3.2	3.1	3.2	3.4	3.6	3.4	3.1	2.8
<b>Females, 16 years and over</b> .....	5.9	6.2	6.4	6.8	6.7	6.7	6.9	6.9	6.9	7.0	6.7	6.0	5.6
16 to 19 years .....	15.5	16.1	16.0	17.0	16.1	17.6	17.2	17.3	17.1	17.5	17.9	15.6	14.7
16 and 17 years .....	18.7	18.3	18.0	19.4	17.9	19.6	18.5	18.5	19.8	18.3	19.2	17.3	16.8
18 and 19 years .....	13.3	14.6	14.8	15.4	15.0	16.1	16.4	16.4	15.4	16.9	17.2	14.3	13.3
20 to 24 years .....	8.2	8.5	9.0	9.7	9.4	9.2	9.4	9.2	10.2	9.7	8.6	8.2	7.7
25 years and over .....	4.0	4.3	4.3	4.6	4.7	4.6	4.9	4.9	4.9	4.9	4.8	4.2	4.0
25 to 54 years .....	4.4	4.5	4.7	4.9	5.0	5.0	5.3	5.4	5.2	5.4	5.3	4.6	4.2
55 years and over .....	2.5	3.5	3.1	3.6	3.6	3.2	3.5	3.4	3.3	3.4	3.0	2.8	2.9

**A-47: Unemployed persons by reason for unemployment, seasonally adjusted**

(Numbers in thousands)

Reason for unemployment	1973		1972				1971				1970		
	2nd	1st	4th	3rd	2nd	1st	4th	3rd	2nd	1st	4th	3rd	2nd
<b>Number of unemployed</b>													
Lost last job .....	1,654	1,720	1,905	2,140	2,132	2,157	2,290	2,353	2,306	2,298	2,312	1,960	1,741
Left last job .....	639	655	668	645	612	616	608	565	557	620	602	578	544
Reentered labor force .....	1,399	1,361	1,382	1,426	1,449	1,526	1,473	1,507	1,479	1,403	1,357	1,280	1,174
Never worked before .....	696	692	629	640	759	703	666	629	631	605	563	507	483
<b>Percent distribution</b>													
Total unemployed .....	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Lost last job .....	37.7	38.8	41.6	44.1	43.1	43.1	45.5	46.6	46.4	46.7	47.8	45.3	44.2
Left last job .....	14.6	14.8	14.6	13.3	12.4	12.3	12.1	11.2	11.2	12.6	12.5	13.4	13.8
Reentered labor force .....	31.9	30.7	30.1	29.4	29.3	30.5	29.2	29.8	29.7	28.5	28.1	29.6	29.8
Never worked before .....	15.9	15.6	13.7	13.2	15.3	14.1	13.2	12.4	12.7	12.3	11.6	11.7	12.3
<b>Unemployed as a percent of the civilian labor force</b>													
Lost last job .....	1.9	2.0	2.2	2.5	2.5	2.5	2.7	2.8	2.8	2.8	2.8	2.4	2.1
Left last job .....	.7	.7	.8	.7	.7	.7	.7	.7	.7	.7	.7	.7	.7
Reentered labor force .....	1.6	1.6	1.6	1.6	1.7	1.8	1.7	1.8	1.8	1.7	1.6	1.5	1.4
Never worked before .....	.8	.8	.7	.7	.9	.8	.8	.7	.8	.7	.7	.6	.6

**HOUSEHOLD DATA  
SEASONALLY ADJUSTED  
QUARTERLY AVERAGES**

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**A-48: Employed persons by sex and age, seasonally adjusted**  
(In thousands)

Sex and age	1973		1972				1971				1970		
	2nd	1st	4th	3rd	2nd	1st	4th	3rd	2nd	1st	4th	3rd	2nd
<b>Total</b>													
16 years and over . . . . .	84,205	83,190	82,567	82,033	81,474	80,797	79,922	79,277	78,765	78,512	78,513	78,571	78,639
16 to 19 years . . . . .	7,262	7,081	6,920	6,682	6,748	6,557	6,345	6,215	6,103	6,138	6,100	6,123	6,113
16 and 17 years . . . . .	3,007	2,896	2,831	2,740	2,793	2,718	2,640	2,587	2,526	2,619	2,553	2,596	2,582
18 and 19 years . . . . .	4,241	4,197	4,082	3,941	3,942	3,840	3,695	3,624	3,577	3,521	3,542	3,516	3,533
20 to 24 years . . . . .	11,649	11,445	11,224	10,964	10,799	10,577	10,409	10,277	10,012	9,857	9,868	9,762	9,636
25 years and over . . . . .	65,300	64,745	64,454	64,350	63,899	63,681	63,186	62,767	62,628	62,517	62,555	62,688	62,868
25 to 54 years . . . . .	51,541	50,931	50,506	50,319	49,938	49,629	49,105	48,780	48,626	48,517	48,530	48,649	48,754
55 years and over . . . . .	13,748	13,808	13,941	14,038	13,939	14,050	14,087	13,981	13,982	14,011	14,030	14,033	14,102
<b>Male</b>													
16 years and over . . . . .	51,725	51,463	51,211	50,864	50,445	50,010	49,637	49,391	49,134	48,816	48,858	48,862	48,982
16 to 19 years . . . . .	3,991	3,956	3,874	3,762	3,738	3,617	3,574	3,480	3,421	3,416	3,408	3,375	3,376
16 and 17 years . . . . .	1,695	1,663	1,629	1,588	1,586	1,542	1,535	1,504	1,481	1,517	1,487	1,497	1,494
18 and 19 years . . . . .	2,281	2,308	2,248	2,173	2,140	2,081	2,038	1,973	1,940	1,899	1,919	1,870	1,884
20 to 24 years . . . . .	6,520	6,434	6,303	6,114	6,004	5,876	5,738	5,601	5,510	5,376	5,332	5,257	5,184
25 years and over . . . . .	41,220	41,127	41,049	40,965	40,687	40,533	40,332	40,303	40,193	40,024	40,119	40,235	40,413
25 to 54 years . . . . .	32,580	32,351	32,195	32,095	31,857	31,630	31,417	31,347	31,255	31,138	31,191	31,273	31,350
55 years and over . . . . .	8,650	8,778	8,846	8,864	8,831	8,907	8,915	8,949	8,938	8,888	8,928	8,957	9,066
<b>Female</b>													
16 years and over . . . . .	32,480	31,728	31,356	31,169	31,029	30,787	30,285	29,886	29,631	29,696	29,655	29,709	29,657
16 to 19 years . . . . .	3,271	3,125	3,046	2,920	3,010	2,940	2,771	2,735	2,682	2,722	2,692	2,748	2,737
16 and 17 years . . . . .	1,312	1,233	1,202	1,152	1,205	1,176	1,105	1,083	1,045	1,102	1,066	1,099	1,088
18 and 19 years . . . . .	1,960	1,890	1,834	1,768	1,802	1,759	1,657	1,651	1,637	1,622	1,623	1,646	1,649
20 to 24 years . . . . .	5,129	5,011	4,921	4,850	4,795	4,701	4,671	4,676	4,502	4,481	4,536	4,505	4,452
25 years and over . . . . .	24,080	23,618	23,405	23,385	23,212	23,148	22,854	22,464	22,435	22,493	22,436	22,453	22,455
25 to 54 years . . . . .	18,961	18,580	18,311	18,224	18,081	17,999	17,688	17,433	17,371	17,379	17,339	17,376	17,404
55 years and over . . . . .	5,098	5,029	5,095	5,174	5,108	5,143	5,172	5,032	5,044	5,123	5,102	5,076	5,036

**A-49: Employed persons by major occupational group, seasonally adjusted**  
(In thousands)

Occupational group	1973		1972				1971				1970		
	2nd	1st	4th	3rd	2nd	1st	4th	3rd	2nd	1st	4th	3rd	2nd
White-collar workers . . . . .	40,012	40,035	39,516	39,318	38,840	38,704	38,577	38,429	38,046	37,933	38,051	37,961	38,026
Professional & technical . . . . .	11,549	11,723	11,585	11,577	11,385	11,293	11,171	11,105	11,077	10,923	11,123	11,201	11,132
Managers and adminis- trators, except farm . . . . .	8,535	8,458	8,195	8,018	7,897	8,017	8,570	8,769	8,678	8,673	8,346	8,238	8,322
Sales workers . . . . .	5,477	5,471	5,403	5,385	5,353	5,277	5,145	5,049	5,011	5,056	4,943	4,883	4,809
Clerical workers . . . . .	14,451	14,382	14,333	14,338	14,205	14,117	13,691	13,506	13,280	13,281	13,639	13,639	13,763
Blue-collar workers . . . . .	30,032	29,309	28,835	28,593	28,585	28,270	27,505	27,132	27,043	27,059	27,548	27,676	27,769
Craftsmen and kindred workers . . . . .	11,451	11,034	10,736	10,808	10,845	10,856	10,361	10,156	10,132	10,058	10,141	10,159	10,146
Operatives <sup>1</sup> . . . . .	14,300	14,069	13,763	13,489	13,555	13,385	13,096	12,930	12,956	12,951	13,676	13,777	13,959
Nonfarm laborers . . . . .	4,281	4,206	4,336	4,296	4,185	4,029	4,048	4,046	3,955	4,050	3,731	3,740	3,664
Service workers . . . . .	11,198	10,816	10,993	11,013	11,054	10,804	10,812	10,725	10,582	10,583	9,862	9,829	9,599
Farmer's and farm laborers . . . . .	2,922	3,067	3,228	3,110	2,923	3,028	3,034	2,987	3,028	2,986	3,043	3,111	3,194

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



## HOUSEHOLD DATA SEASONALLY ADJUSTED QUARTERLY AVERAGES

**A-50: Job desire of persons 16 years and over not in labor force, by current activity,  
reasons for not seeking work, sex, and color, seasonally adjusted**

	1973		1972				1971				1970		
	2nd	1st	4th	3rd	2nd	1st	4th	3rd	2nd	1st	4th	3rd	2nd
<b>Total</b>													
Total not in labor force .....	57,045	<sup>c</sup> 57,519	57,314	56,787	56,605	56,434	56,067	55,830	55,685	55,088	54,905	54,471	53,983
Do not want job now .....	52,169	53,202	52,667	52,460	52,234	52,017	51,684	51,408	51,215	50,731	50,865	50,434	50,258
Current activity:													
Going to school .....	5,535	6,357	6,336	6,630	5,944	6,311	6,419	6,715	6,467	6,225	6,207	5,604	6,005
Ill, disabled .....	4,480	4,206	4,529	4,346	4,189	4,200	4,178	4,079	4,006	4,049	3,880	4,021	3,827
Keeping house .....	31,804	32,752	32,380	32,390	32,333	32,433	32,195	32,187	32,328	32,105	32,195	32,195	32,224
Retired .....	7,346	7,176	6,700	6,744	6,726	6,592	6,382	6,203	6,031	6,032	6,040	5,927	5,878
Other .....	2,850	3,074	2,828	2,503	2,738	2,621	2,369	2,456	2,471	2,431	2,433	2,574	2,231
Want a job now .....	4,837	<sup>c</sup> 4,291	<sup>c</sup> 4,639	<sup>c</sup> 4,373	<sup>c</sup> 4,349	<sup>c</sup> 4,406	<sup>c</sup> 4,384	<sup>c</sup> 4,449	<sup>c</sup> 4,440	<sup>c</sup> 4,352	4,046	4,057	3,701
Reason not looking:													
School attendance .....	1,267	1,237	1,269	1,076	1,105	1,257	1,248	1,288	1,269	1,194	1,183	1,157	1,044
Ill health, disability .....	625	542	736	651	595	556	582	520	571	554	536	559	376
Home responsibilities .....	1,163	903	1,117	1,145	1,108	1,021	1,043	1,025	1,025	990	955	967	913
Think cannot get job .....	789	615	772	717	808	770	824	799	737	744	717	672	621
Job-market factors .....	612	444	516	493	559	597	573	557	521	509	494	449	396
Personal factors .....	168	203	242	218	226	214	239	238	200	274	212	221	203
Other reasons .....	971	976	847	702	809	735	784	823	817	825	741	720	729
<b>Male</b>													
Total not in labor force .....	14,556	<sup>c</sup> 14,604	14,307	14,237	14,192	14,045	13,916	13,755	13,683	13,506	13,353	13,179	12,904
Do not want job now .....	12,986	13,240	12,932	12,938	12,892	12,706	12,556	12,444	12,284	12,171	12,107	11,892	11,712
Want a job now .....	1,484	1,395	1,374	1,318	1,244	1,369	1,365	1,338	1,329	1,363	1,242	1,316	1,154
Reason not looking:													
School attendance .....	654	705	625	584	581	640	639	650	648	621	616	585	552
Ill health, disability .....	350	234	297	269	281	244	267	256	249	249	230	221	188
Think cannot get job .....	275	220	242	195	266	254	234	233	232	251	228	263	230
Other reasons <sup>1</sup> .....	269	224	231	236	234	202	234	213	216	216	181	219	197
<b>Female</b>													
Total not in labor force .....	42,488	<sup>c</sup> 42,899	42,999	42,590	42,399	42,384	42,146	42,087	41,991	41,587	41,560	41,290	41,056
Do not want job now .....	39,183	39,962	39,735	39,522	39,342	39,311	39,128	38,964	38,931	38,560	38,758	38,542	38,546
Want a job now .....	3,353	2,896	3,265	3,055	3,105	3,037	3,019	3,111	3,111	2,989	2,804	2,741	2,547
Reason not looking:													
School attendance .....	626	532	626	519	532	613	592	656	630	570	552	584	497
Ill health, disability .....	300	314	463	373	318	311	326	254	323	301	312	328	196
Home responsibilities .....	1,143	887	1,092	1,111	1,087	1,009	1,015	1,006	995	977	931	942	904
Think cannot get job .....	545	400	500	519	581	529	552	567	532	497	466	406	414
Other reasons .....	693	774	645	515	572	551	584	651	596	623	585	541	515
<b>White</b>													
Total not in labor force .....	50,352	51,059	50,862	50,355	50,220	50,170	49,945	49,833	49,664	49,247	49,052	48,733	48,348
Do not want job now .....	46,583	47,571	47,336	47,007	46,799	46,715	46,547	46,361	46,214	45,835	45,846	45,518	45,364
Want a job now .....	3,775	3,442	3,517	3,379	3,429	3,429	3,399	3,474	3,460	3,392	3,211	3,220	3,006
Reason not looking:													
School attendance .....	988	934	960	893	888	995	968	1,004	1,023	937	938	1,003	867
Ill health, disability .....	576	423	514	457	453	388	414	391	466	433	381	402	325
Home responsibilities .....	922	<sup>c</sup> 788	<sup>c</sup> 818	<sup>c</sup> 832	<sup>c</sup> 837	<sup>c</sup> 785	<sup>c</sup> 767	<sup>c</sup> 768	<sup>c</sup> 794	<sup>c</sup> 748	711	746	709
Think cannot get job .....	550	465	<sup>c</sup> 543	<sup>c</sup> 540	<sup>c</sup> 641	<sup>c</sup> 594	<sup>c</sup> 585	<sup>c</sup> 614	<sup>c</sup> 567	<sup>c</sup> 590	548	500	495
Other reasons .....	814	<sup>c</sup> 852	697	635	689	643	691	727	682	712	644	648	623
<b>Negro and other races</b>													
Total not in labor force .....	6,671	<sup>c</sup> 6,498	6,438	6,453	6,361	6,284	6,108	6,009	5,998	5,864	5,842	5,747	5,610
Do not want job now .....	5,474	5,678	5,305	5,433	5,380	5,336	5,116	5,024	5,016	4,961	4,995	4,894	4,908
Want a job now .....	1,076	849	1,147	1,002	990	961	1,002	976	977	923	849	826	701
Reason not looking:													
School attendance .....	314	300	281	279	225	253	253	386	274	250	224	209	187
Ill health, disability .....	136	118	191	185	194	155	150	118	157	143	132	145	90
Home responsibilities .....	259	<sup>c</sup> 150	<sup>c</sup> 280	311	<sup>c</sup> 282	<sup>c</sup> 256	<sup>c</sup> 254	<sup>c</sup> 253	<sup>c</sup> 238	<sup>c</sup> 262	225	204	211
Think cannot get job .....	262	202	<sup>c</sup> 188	<sup>c</sup> 163	<sup>c</sup> 186	<sup>c</sup> 251	<sup>c</sup> 219	<sup>c</sup> 166	<sup>c</sup> 187	<sup>c</sup> 197	141	156	135
Other reasons .....	146	144	183	110	136	116	117	136	138	147	105	111	90

<sup>1</sup> Includes small number of men not looking for work because of home responsibilities.

c = corrected.

**HOUSEHOLD DATA**  
**QUARTERLY AVERAGES**

**A-51: Reasons for nonparticipation in labor force by age and sex**

Nonparticipants by reason for status	Total		Age in years							
			16-19		20-24		25-59		60 and over	
	2nd 1973	2nd 1972	2nd 1973	2nd 1972	2nd 1973	2nd 1972	2nd 1973	2nd 1972	2nd 1973	2nd 1972
<b>Thousands of persons</b>										
Total . . . . .	57,124	56,691	7,153	7,332	4,815	5,060	23,573	23,440	21,584	20,857
In school . . . . .	7,291	7,438	5,224	5,380	1,547	1,514	502	527	18	18
Ill health, disability . . . . .	5,227	4,907	79	105	150	169	2,550	2,380	2,448	2,253
Home responsibilities . . . . .	33,140	33,638	827	858	2,563	2,784	18,487	18,627	11,263	11,368
Retirement, old age . . . . .	7,307	6,677	--	--	--	--	126	106	7,177	6,569
Think cannot get job . . . . .	739	749	175	125	110	113	344	360	111	149
All other reasons . . . . .	3,420	3,281	850	864	445	480	1,562	1,440	568	498
<b>Male . . . . .</b>	<b>14,381</b>	<b>14,025</b>	<b>3,031</b>	<b>3,123</b>	<b>1,197</b>	<b>1,300</b>	<b>2,466</b>	<b>2,272</b>	<b>7,685</b>	<b>7,332</b>
In school . . . . .	3,708	3,795	2,531	2,592	888	896	283	301	6	8
Ill health, disability . . . . .	2,635	2,484	36	43	75	81	1,264	1,133	1,261	1,277
Home responsibilities . . . . .	198	186	23	14	7	13	48	55	120	102
Retirement, old age . . . . .	5,927	5,666	--	--	--	--	111	98	5,813	5,567
Think cannot get job . . . . .	240	228	77	63	33	37	70	65	60	62
All other reasons . . . . .	1,672	1,668	364	409	194	271	693	620	426	366
<b>Female . . . . .</b>	<b>42,743</b>	<b>42,665</b>	<b>4,122</b>	<b>4,209</b>	<b>3,618</b>	<b>3,761</b>	<b>21,106</b>	<b>21,169</b>	<b>13,899</b>	<b>13,526</b>
In school . . . . .	3,583	3,644	2,691	2,788	659	618	221	227	12	11
Ill health, disability . . . . .	2,592	2,424	42	61	76	88	1,287	1,249	1,187	1,027
Home responsibilities . . . . .	32,942	33,452	804	843	2,557	2,771	18,439	18,572	11,143	11,266
Retirement, old age . . . . .	1,379	1,012	--	--	--	--	16	8	1,364	1,002
Think cannot get job . . . . .	499	521	98	62	77	77	275	295	50	87
All other reasons . . . . .	1,747	1,613	485	453	249	208	870	821	144	132
<b>Percent distribution</b>										
Total . . . . .	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
In school . . . . .	12.8	13.1	73.0	73.4	32.1	29.9	2.1	2.2	.1	.1
Ill health, disability . . . . .	9.2	8.7	1.1	1.4	3.1	3.3	10.8	10.2	11.3	10.8
Home responsibilities . . . . .	58.0	59.3	11.6	11.7	53.2	55.0	78.4	79.5	52.2	54.5
Retirement, old age . . . . .	12.8	11.8	--	--	--	--	.5	.5	33.2	31.5
Think cannot get job . . . . .	1.3	1.3	2.4	1.7	2.3	2.2	1.5	1.5	.5	.7
All other reasons . . . . .	6.0	5.8	11.9	11.8	9.2	9.5	6.6	6.1	2.6	2.4
<b>Male . . . . .</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>
In school . . . . .	25.8	27.1	83.5	83.0	74.2	69.0	11.5	13.2	.1	.1
Ill health, disability . . . . .	18.3	17.7	1.2	1.4	6.3	6.2	51.2	49.9	16.4	16.7
Home responsibilities . . . . .	1.4	1.3	.8	.4	.6	1.0	1.9	2.4	1.6	1.4
Retirement, old age . . . . .	41.2	40.4	--	--	--	--	4.5	4.3	75.6	75.9
Think cannot get job . . . . .	1.7	1.6	2.5	2.0	2.8	2.9	2.8	2.9	.8	.8
All other reasons . . . . .	11.6	11.9	12.0	13.1	16.2	20.9	28.1	27.3	5.5	5.0
<b>Female . . . . .</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>
In school . . . . .	8.4	8.5	65.3	66.3	18.2	16.4	1.0	1.1	.1	.1
Ill health, disability . . . . .	6.1	5.7	1.0	1.4	2.1	2.3	6.1	5.9	8.5	7.6
Home responsibilities . . . . .	77.1	78.4	19.5	20.0	70.7	73.7	87.4	87.7	80.2	83.3
Retirement, old age . . . . .	3.2	2.4	--	--	--	--	.1	(1)	9.8	7.4
Think cannot get job . . . . .	1.2	1.2	2.4	1.5	2.1	2.0	1.3	1.4	.4	.6
All other reasons . . . . .	4.1	3.8	11.8	10.8	6.9	5.5	4.1	3.9	1.0	1.0

Percent less than 0.05.

## HOUSEHOLD DATA QUARTERLY AVERAGES

**A-52: Reasons for nonparticipation in labor force by age, color, and sex**

Nonparticipants by reason for status	Total		Age in years					
			16-24		25-59		60 and over	
	2nd 1973	2nd 1972	2nd 1973	2nd 1972	2nd 1973	2nd 1972	2nd 1973	2nd 1972
<b>White</b>								
Male (in thousands) . . . . .	14,381	12,162	3,462	3,674	2,008	1,850	6,949	6,637
In school . . . . .	3,708	3,174	2,829	2,890	219	278	6	6
Ill health, disability . . . . .	2,635	2,015	77	105	1,038	866	1,058	1,043
Home responsibilities . . . . .	198	161	26	22	36	47	108	91
Retirement, old age . . . . .	5,927	5,199	--	--	108	94	5,333	5,105
Think cannot get job . . . . .	240	180	62	80	63	53	55	48
All other reasons . . . . .	1,672	1,434	467	574	544	514	389	344
Female (in thousands) . . . . .	38,055	38,185	6,410	6,679	18,929	19,105	12,716	12,402
In school . . . . .	2,923	2,999	2,728	2,819	184	169	10	11
Ill health, disability . . . . .	2,037	1,792	97	95	975	888	964	807
Home responsibilities . . . . .	30,034	30,679	2,875	3,104	16,819	17,079	10,339	10,496
Retirement, old age . . . . .	1,242	916	--	--	16	8	1,227	907
Think cannot get job . . . . .	309	389	96	87	176	246	38	57
All other reasons . . . . .	1,510	1,409	612	573	759	715	140	124
Male (percent distribution) . . . . .	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
In school . . . . .	25.8	26.1	81.7	78.7	10.9	15.0	.1	.1
Ill health, disability . . . . .	18.3	16.6	2.2	2.9	51.7	46.8	15.2	15.7
Home responsibilities . . . . .	1.4	1.3	.8	.6	1.8	2.5	1.6	1.4
Retirement, old age . . . . .	41.2	42.7	--	--	5.4	5.1	76.7	76.9
Think cannot get job . . . . .	1.7	1.5	1.8	2.2	3.1	2.9	.8	.7
All other reasons . . . . .	11.6	11.8	13.5	15.6	27.1	27.8	5.6	5.2
Female (percent distribution) . . . . .	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
In school . . . . .	7.7	7.9	42.6	42.2	1.0	.9	.1	.1
Ill health, disability . . . . .	5.4	4.7	1.5	1.4	5.2	4.6	7.6	6.5
Home responsibilities . . . . .	78.9	80.3	44.9	46.5	88.9	89.4	81.3	84.6
Retirement, old age . . . . .	3.3	2.4	--	--	.1	(1)	9.6	7.3
Think cannot get job . . . . .	.8	1.0	1.5	1.3	.9	1.3	.3	.5
All other reasons . . . . .	4.0	3.7	9.6	8.6	4.0	3.7	1.1	1.0
<b>Negro and other races</b>								
Male (in thousands) . . . . .	1,963	1,864	765	748	459	420	737	695
In school . . . . .	653	621	589	598	63	23	--	2
Ill health, disability . . . . .	463	469	33	19	227	265	203	183
Home responsibilities . . . . .	28	25	4	5	11	8	12	11
Retirement, old age . . . . .	482	467	--	--	2	5	480	462
Think cannot get job . . . . .	61	48	47	20	7	13	6	14
All other reasons . . . . .	274	233	92	106	148	106	35	22
Female (in thousands) . . . . .	4,688	4,480	1,330	1,291	2,176	2,064	1,183	1,124
In school . . . . .	660	645	622	587	37	57	2	--
Ill health, disability . . . . .	555	632	21	53	311	359	224	219
Home responsibilities . . . . .	2,908	2,773	486	509	1,619	1,494	802	770
Retirement, old age . . . . .	137	95	--	--	--	--	137	95
Think cannot get job . . . . .	191	132	80	53	98	49	13	30
All other reasons . . . . .	237	204	123	89	111	105	4	10
Male (percent distribution) . . . . .	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
In school . . . . .	33.3	33.3	77.0	79.9	13.8	5.5	--	.3
Ill health, disability . . . . .	23.6	25.2	4.3	2.5	49.6	63.1	27.6	26.4
Home responsibilities . . . . .	1.4	1.3	.5	.7	2.4	1.9	1.6	1.6
Retirement, old age . . . . .	24.6	25.1	--	--	.4	1.2	65.2	66.6
Think cannot get job . . . . .	3.1	2.6	6.1	2.7	1.5	3.1	.8	2.0
All other reasons . . . . .	14.0	12.5	12.0	14.2	32.3	25.2	4.8	3.2
Female (percent distribution) . . . . .	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
In school . . . . .	14.1	14.4	46.7	45.5	1.7	2.8	.2	--
Ill health, disability . . . . .	11.8	14.1	1.6	4.1	14.3	17.4	19.0	19.5
Home responsibilities . . . . .	62.0	61.9	36.5	39.4	74.4	72.4	67.9	68.5
Retirement, old age . . . . .	2.9	2.1	--	--	--	--	11.6	8.5
Think cannot get job . . . . .	4.1	2.9	6.0	4.1	4.5	2.4	1.1	2.7
All other reasons . . . . .	5.1	4.6	9.2	6.9	5.1	5.1	.3	.9

<sup>1</sup> Percent less than 0.05.

**HOUSEHOLD DATA  
QUARTERLY AVERAGES**

**A-53: Job desire of persons not in labor force and reasons for not seeking work by age and sex**

Reasons for not seeking work	Total		Age in years							
			16-19		20-24		25-59		60 and over	
	2nd 1973	2nd 1972	2nd 1973	2nd 1972	2nd 1973	2nd 1972	2nd 1973	2nd 1972	2nd 1973	2nd 1972
<b>Thousands of persons</b>										
Total not in labor force . . . . .	57,124	56,691	7,153	7,332	4,815	5,060	23,573	23,440	21,584	20,857
Do not want job now . . . . .	52,060	52,050	5,339	5,733	3,887	4,271	21,644	21,593	21,190	20,453
Want job now - total . . . . .	5,064	4,641	1,814	1,599	928	789	1,929	1,847	394	404
In school . . . . .	1,860	1,645	1,331	1,234	417	302	112	103	--	5
Ill health, disability . . . . .	609	581	29	30	32	47	404	364	144	140
Home responsibilities . . . . .	1,005	960	105	78	183	206	680	654	37	23
Think cannot get job . . . . .	739	749	175	125	110	113	344	360	111	149
All other reasons . . . . .	851	706	174	132	186	121	389	366	102	87
Male . . . . .	1,805	1,620	840	790	335	281	412	357	220	190
In school . . . . .	987	899	695	661	237	182	55	53	--	2
Ill health, disability . . . . .	308	259	13	12	18	18	181	156	96	74
Think cannot get job . . . . .	240	228	77	63	33	37	70	65	60	62
All other reasons <sup>1</sup> . . . . .	270	234	55	54	47	44	106	83	64	52
Female . . . . .	3,259	3,020	974	808	591	509	1,519	1,488	176	215
In school . . . . .	874	745	636	573	180	120	58	49	--	4
Ill health, disability . . . . .	301	322	16	19	14	29	222	207	49	66
Home responsibilities . . . . .	987	939	105	72	183	204	674	648	24	15
Think cannot get job . . . . .	499	521	98	62	77	77	275	295	50	87
All other reasons . . . . .	598	493	119	82	137	79	290	289	53	43
<b>Percent distribution</b>										
Want job now - total . . . . .	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
In school . . . . .	36.7	35.4	73.4	77.2	44.9	38.3	5.8	5.6	--	1.2
Ill health, disability . . . . .	12.0	12.5	1.6	1.9	3.4	6.0	20.9	19.7	36.5	34.7
Home responsibilities . . . . .	19.8	20.7	5.8	4.9	19.7	26.1	35.3	35.4	9.4	5.7
Think cannot get job . . . . .	14.6	16.1	9.6	7.8	11.9	14.3	17.8	19.5	28.2	36.9
All other reasons . . . . .	16.8	15.2	9.6	8.3	20.0	15.3	20.2	19.8	25.9	21.5
Male . . . . .	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
In school . . . . .	54.7	55.5	82.7	83.7	70.7	64.8	13.3	14.8	--	1.1
Ill health, disability . . . . .	17.1	16.0	1.5	1.5	5.4	6.4	43.9	43.7	43.6	38.9
Think cannot get job . . . . .	13.3	14.1	9.2	8.0	9.9	13.2	17.0	18.2	27.3	32.6
All other reasons <sup>1</sup> . . . . .	15.0	14.4	6.5	6.8	14.0	15.7	25.7	23.2	29.1	27.4
Female . . . . .	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
In school . . . . .	26.8	24.7	65.3	70.9	30.5	23.6	3.8	3.3	--	1.9
Ill health, disability . . . . .	9.2	10.7	1.6	2.4	2.4	5.7	14.6	13.9	27.8	30.7
Home responsibilities . . . . .	30.3	31.1	10.8	8.9	31.0	40.1	44.4	43.5	13.6	7.0
Think cannot get job . . . . .	15.3	17.3	10.1	7.7	13.0	15.1	18.1	19.8	28.4	40.5
All other reasons . . . . .	18.3	16.3	12.2	10.1	23.2	15.5	19.1	19.4	30.1	20.0

<sup>1</sup>Includes small number of men not seeking work because of home responsibilities.

## HOUSEHOLD DATA QUARTERLY AVERAGES

**A-54: Job desire of persons not in labor force and reasons for not seeking work by color and sex**

Reasons for not seeking work	White				Negro and other races			
	Male		Female		Male		Female	
	2nd 1973	2nd 1972	2nd 1973	2nd 1972	2nd 1973	2nd 1972	2nd 1973	2nd 1972
<b>Thousands of persons</b>								
Total not in labor force .....	12,418	12,162	38,055	38,185	1,963	1,864	4,688	4,480
Do not want job now .....	10,989	10,837	35,538	35,909	1,587	1,570	3,946	3,735
Want job now .....	1,429	1,325	2,517	2,276	376	294	742	745
In school .....	775	751	718	607	212	148	155	138
Ill health, disability .....	246	196	234	190	62	63	67	132
Home responsibilities <sup>1</sup> .....	--	--	740	673	--	--	247	267
Think cannot get job .....	179	180	309	389	61	48	191	132
All other reasons .....	229	198	516	417	41	35	82	76
<b>Percent distribution</b>								
Want job now .....	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
In school .....	54.2	56.7	28.5	26.7	56.4	50.3	20.9	18.5
Ill health, disability .....	17.2	14.8	9.3	8.3	16.5	21.4	9.0	17.7
Home responsibilities <sup>1</sup> .....	--	--	29.4	29.6	--	--	33.3	35.8
Think cannot get job .....	12.5	13.6	12.3	17.1	16.2	16.3	25.7	17.7
All other reasons .....	16.0	14.9	20.5	18.3	10.9	11.9	11.1	10.2

<sup>1</sup>Small number of men not seeking work because of "home responsibilities" are included in "all other reasons."

**A-55: Persons not in labor force who desire to work but think they cannot get jobs by age, color, sex, and detailed reason**

2nd Quarter 1973  
(In thousands)

Detailed reason for not seeking work	Total	Age in years				Color	
		16-19	20-24	25-59	60 and over	White	Negro and other races
Total .....	739	175	110	344	111	488	252
Employers think too young or old .....	103	22	--	21	61	99	5
Lacks education or training .....	57	20	8	30	--	45	12
Other personal handicap .....	18	--	2	15	2	18	--
Could not find job .....	334	89	58	169	18	154	179
Thinks no job available .....	227	44	42	111	31	171	56
Male .....	240	77	33	70	60	179	61
Employers think too young or old .....	53	10	--	4	40	52	2
Lacks education or training .....	18	8	6	4	--	14	4
Other personal handicap .....	8	--	2	6	--	8	--
Could not find job .....	106	47	13	39	6	62	43
Thinks no job available .....	55	13	12	17	15	43	12
Female .....	499	98	77	275	50	309	191
Employers think too young or old .....	50	12	--	17	21	47	3
Lacks education or training .....	39	12	2	26	--	31	8
Other personal handicap .....	10	--	--	8	2	10	--
Could not find job .....	228	42	45	130	11	92	136
Thinks no job available .....	172	32	30	94	16	128	44

**HOUSEHOLD DATA**  
**QUARTERLY AVERAGES**

**A-56: Most recent work experience of persons not in labor force and reason for leaving last job for those who worked during previous 12 months by age and sex**

Most recent work experience and reason leaving job	Total		Age in years							
			16-19		20-24		25-59		60 and over	
	2nd 1973	2nd 1972	2nd 1973	2nd 1972	2nd 1973	2nd 1972	2nd 1973	2nd 1972	2nd 1973	2nd 1972
<b>Total</b>										
Not in labor force (in thousands) . . . . .	57,124	56,691	7,153	7,332	4,815	5,060	23,573	23,440	21,584	20,857
Never worked . . . . .	10,426	10,985	4,126	4,412	972	1,023	2,544	2,707	2,784	2,845
Last worked over 5 years ago . . . . .	26,479	25,899	23	42	313	306	12,158	12,037	13,985	13,513
Last worked 1 to 5 years ago . . . . .	10,570	10,646	520	561	1,457	1,725	5,170	5,236	3,424	3,124
Left job previous 12 months . . . . .	9,648	9,159	2,484	2,317	2,073	2,006	3,699	3,461	1,392	1,375
Percent distribution by reason . . . . .	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
School, home responsibilities . . . . .	42.0	43.4	51.7	53.7	57.3	62.7	40.3	40.2	6.3	6.0
Ill health, disability . . . . .	9.5	9.6	2.2	1.9	2.1	3.4	14.7	15.5	19.7	16.7
Retirement, old age . . . . .	8.1	8.3	--	--	--	--	2.4	2.3	49.6	49.3
Economic reasons . . . . .	18.4	18.9	18.1	19.6	15.5	12.6	21.4	22.2	15.0	18.4
End of seasonal job . . . . .	8.3	8.0	10.5	10.0	6.7	5.6	8.6	8.1	5.8	8.1
Slack work . . . . .	4.8	5.1	3.0	3.8	4.5	3.8	6.3	7.3	4.2	3.6
End of temporary job . . . . .	5.3	5.7	4.7	5.8	4.3	3.2	6.4	6.8	5.0	6.7
All other reasons . . . . .	22.1	19.9	28.0	24.8	25.1	21.3	21.2	19.8	9.4	9.6
<b>Male</b>										
Not in labor force (in thousands) . . . . .	14,381	14,025	3,031	3,123	1,197	1,300	2,466	2,272	7,685	7,332
Never worked . . . . .	2,053	2,166	1,640	1,679	229	284	142	170	42	34
Last worked over 5 years ago . . . . .	5,798	5,546	9	20	33	36	890	759	4,866	4,731
Last worked 1 to 5 years ago . . . . .	3,097	2,948	179	251	183	227	743	676	1,992	1,794
Left job previous 12 months . . . . .	3,433	3,365	1,202	1,173	752	753	693	666	784	773
Percent distribution by reason . . . . .	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
School, home responsibilities . . . . .	32.1	35.8	48.9	53.2	48.5	57.2	18.7	21.3	2.5	1.3
Ill health, disability . . . . .	13.0	11.9	1.8	2.1	2.4	2.3	32.2	34.3	23.1	16.6
Retirement, old age . . . . .	14.2	15.4	--	--	--	--	8.3	8.2	54.8	59.9
Economic reasons . . . . .	16.7	15.5	19.6	19.5	17.7	12.2	15.4	13.3	12.5	14.2
End of seasonal job . . . . .	7.2	7.7	11.0	10.6	6.1	6.3	3.6	4.6	5.7	7.1
Slack work . . . . .	5.1	4.0	4.1	3.7	6.0	3.9	7.3	6.0	3.7	3.0
End of temporary job . . . . .	4.4	3.7	4.5	5.1	5.6	2.1	4.5	2.7	3.1	4.1
All other reasons . . . . .	24.0	21.5	29.7	25.2	31.4	28.3	25.3	22.9	7.1	8.0
<b>Female</b>										
Not in labor force (in thousands) . . . . .	42,743	42,665	4,122	4,209	3,617	3,761	21,106	21,169	13,899	13,526
Never worked . . . . .	8,373	8,819	2,486	2,734	742	739	2,404	2,536	2,742	2,810
Last worked over 5 years ago . . . . .	20,681	20,354	14	23	280	270	11,268	11,279	9,118	8,783
Last worked 1 to 5 years ago . . . . .	7,474	7,698	340	310	1,274	1,498	4,428	4,559	1,432	1,331
Left job previous 12 months . . . . .	6,216	5,794	1,282	1,143	1,321	1,254	3,005	2,796	606	601
Percent distribution by reason . . . . .	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
School, home responsibilities . . . . .	47.4	47.8	54.2	54.3	62.3	65.9	45.3	44.7	10.9	12.0
Ill health, disability . . . . .	7.6	8.2	2.5	1.5	2.0	4.1	10.7	11.0	15.2	16.8
Retirement, old age . . . . .	4.7	4.1	--	--	--	--	1.1	.9	42.9	35.8
Economic reasons . . . . .	19.3	20.9	16.8	19.7	14.2	12.8	22.7	24.3	18.5	23.8
End of seasonal job . . . . .	8.8	8.2	10.0	9.3	7.0	5.2	9.7	8.9	5.9	9.5
Slack work . . . . .	4.6	5.7	2.0	3.8	3.6	3.8	6.1	7.6	5.0	4.3
End of temporary job . . . . .	5.8	6.9	4.8	6.7	3.6	3.8	6.9	7.7	7.6	10.0
All other reasons . . . . .	21.0	19.0	26.5	24.5	21.5	17.1	20.2	19.1	12.5	11.6

**A-57: Most recent work experience of persons not in labor force and reasons for leaving last job  
for those who worked during previous 12 months by color and sex**

Most recent work experience and reason leaving job	2nd Quarter 1973							
	White				Negro and other races			
	Male		Female		Male		Female	
	2nd 1973	2nd 1972	2nd 1973	2nd 1972	2nd 1973	2nd 1972	2nd 1973	2nd 1972
Total not in labor force (in thousands)	12,418	12,162	38,055	38,185	1,963	1,864	4,688	4,480
Never worked	1,597	1,732	7,187	7,684	456	434	1,186	1,136
Last worked over 5 years ago	5,085	4,876	18,758	18,631	714	670	1,923	1,722
Last worked 1 to 5 years ago	2,747	2,616	6,656	6,768	350	331	818	930
Left job previous 12 months	2,990	2,937	5,454	5,102	443	428	761	693
Percent distribution by reason	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
School, home responsibilities	31.9	37.1	48.2	48.6	33.7	27.1	41.5	42.1
Ill health, disability	13.0	10.8	7.4	7.4	13.1	18.9	9.4	14.7
Retirement, old age	15.2	16.5	4.7	4.4	7.7	7.9	4.9	2.0
Economic reasons	15.6	14.8	19.0	20.7	23.8	20.3	21.3	22.0
End of seasonal job	6.6	7.1	8.6	8.3	11.3	11.9	10.5	8.2
Slack work	4.7	4.1	4.2	5.5	7.7	3.5	7.3	6.8
End of temporary job	4.3	3.6	6.1	6.9	4.8	4.9	3.4	6.9
All other reasons	24.3	20.9	20.7	18.9	21.7	25.7	23.0	19.2

**A-58: Industry and occupation of last job for persons not in labor force who worked during  
previous 12 months by reasons leaving job**

Industry and class of worker and major occupation	Total (thousands of persons)	Reason left job (percent distribution)					
		Total	School, home responsibilities	Ill health, disability	Retirement, old age	Economic reasons	All other
Total who left jobs in previous 12 months	9,648	100.0	42.3	9.4	8.0	18.2	22.0
<b>Industry</b>							
Agriculture <sup>1</sup>	508	100.0	22.8	10.2	1.8	34.2	30.9
Unpaid family workers	132	100.0	9.1	--	--	1.5	89.4
Wage and salary workers	345	100.0	30.1	10.1	.9	48.0	11.0
Nonagricultural industries	9,185	100.0	43.4	9.4	8.4	17.3	21.5
Self-employed workers	351	100.0	31.6	21.4	12.8	17.9	16.2
Unpaid family workers	173	100.0	12.1	--	2.3	12.1	73.6
Wage and salary workers	8,662	100.0	44.5	9.1	8.3	17.4	20.7
Private household workers	356	100.0	35.7	11.0	4.2	27.2	21.9
Government workers	1,451	100.0	38.0	7.0	15.5	21.5	18.0
All other <sup>2</sup>	6,855	100.0	46.3	9.4	7.0	16.1	21.2
Construction	367	100.0	35.4	10.9	4.9	25.1	23.7
Manufacturing	1,645	100.0	41.5	13.1	11.6	12.3	21.6
Transportation and public utilities	221	100.0	38.9	19.5	15.8	14.0	11.8
Trade	2,486	100.0	49.0	7.7	4.5	15.2	23.6
Finance and services	2,092	100.0	50.1	7.3	5.5	18.2	18.8
<b>Occupation</b>							
White-collar workers	4,169	100.0	46.0	6.3	9.6	17.9	20.2
Professional and technical	850	100.0	39.9	6.4	15.1	20.6	18.1
Managers and administrators, except farm	360	100.0	21.9	15.3	34.2	11.1	17.5
Clerical and sales	2,959	100.0	50.7	5.1	5.0	18.0	21.2
Blue-collar workers	2,702	100.0	38.0	13.4	9.2	17.7	21.7
Craftsmen and kindred workers	520	100.0	23.5	20.2	21.6	16.2	18.5
Operatives, except transport	1,266	100.0	42.3	13.3	6.7	16.3	21.4
Transport equipment operatives	140	100.0	23.6	15.7	10.7	25.0	25.0
Nonfarm laborers	776	100.0	43.4	8.5	4.5	19.7	23.8
Service workers	2,373	100.0	44.5	10.3	5.3	16.4	23.5
Farm workers	449	100.0	22.3	9.6	1.3	34.6	32.1

<sup>1</sup> Includes small number of self-employed workers, not shown separately.

<sup>2</sup> Includes forestries, fisheries, and mining, not shown separately.

**HOUSEHOLD DATA  
QUARTERLY AVERAGES**

**A-59: Work-seeking intentions of persons not in labor force and major characteristics of those who intend to seek work within next 12 months by sex and color**

Work-seeking intentions, most recent work experience, and major occupation	Total		Male		Female	
	2nd 1973	2nd 1972	2nd 1973	2nd 1972	2nd 1973	2nd 1972
<b>Total</b>						
Total not in labor force (in thousands) .....	57,124	56,691	14,381	14,025	42,743	42,665
Do not intend to seek work .....	49,119	48,808	11,517	11,209	37,602	37,598
Intend to seek work in next 12 months .....	8,005	7,883	2,864	2,816	5,141	5,067
Never worked .....	1,749	1,762	730	671	1,018	1,091
Last worked over 5 years ago .....	905	783	108	83	797	700
Last worked 1 to 5 years ago .....	1,537	1,751	397	444	1,140	1,306
Worked during previous 12 months .....	3,814	3,588	1,629	1,618	2,185	1,970
Percent distribution by occupation .....	100.0	c100.0	100.0	c100.0	100.0	c100.0
White-collar workers .....	39.7	39.6	24.1	25.2	51.4	51.6
Professional and technical .....	8.0	9.1	7.7	7.9	8.2	10.1
Managers and administrators, except farm .....	2.6	2.9	3.2	2.8	2.0	2.9
Clerical and sales .....	29.1	27.6	13.2	14.5	41.2	38.5
Blue-collar workers .....	30.4	30.6	50.6	49.9	15.1	14.5
Craftsmen and kindred workers .....	5.2	3.9	10.6	7.9	1.2	.5
Operatives, except transport .....	12.4	13.0	12.9	13.1	12.0	12.9
Transport equipment operatives .....	1.7	2.8	3.6	5.8	.2	.3
Nonfarm laborers .....	11.1	11.0	23.5	23.2	1.7	.8
Service workers .....	25.5	24.7	18.1	17.5	31.1	30.7
Farm workers .....	4.5	5.2	7.3	7.4	2.3	3.3
<b>White</b>						
Total not in labor force (in thousands) .....	50,473	50,347	12,418	12,162	38,055	38,185
Do not intend to seek work .....	43,966	44,024	10,054	9,838	33,912	34,186
Intend to seek work in next 12 months .....	6,507	6,323	2,364	2,324	4,143	3,999
Never worked .....	1,327	1,312	567	499	760	813
Last worked over 5 years ago .....	786	687	91	67	695	620
Last worked 1 to 5 years ago .....	1,213	1,303	332	369	881	934
Worked during previous 12 months <sup>1</sup> .....	3,181	3,022	1,374	1,390	1,807	1,632
<b>Negro and other races</b>						
Total not in labor force (in thousands) .....	6,651	6,344	1,963	1,864	4,688	4,480
Do not intend to seek work .....	5,153	4,784	1,463	1,372	3,690	3,412
Intend to seek work in next 12 months .....	1,498	1,560	500	492	998	1,068
Never worked .....	422	450	163	172	259	278
Last worked over 5 years ago .....	118	97	17	16	101	81
Last worked 1 to 5 years ago .....	324	448	65	76	259	372
Worked during previous 12 months <sup>1</sup> .....	633	566	255	228	378	338

<sup>1</sup> Occupational data not available by color.  
c= corrected



## A-60: Employment status of male Vietnam Era veterans and nonveterans 20 to 34 years of age

Employment status	(Numbers in thousands)										
	2nd 1973	2nd 1972	Seasonally adjusted								
			1973		1972			1971			
			2nd	1st	4th	3rd	2nd	1st	4th	3rd	2nd
<b>VETERANS<sup>1</sup></b>											
<b>Total, 20 to 29 years</b>											
Civilian noninstitutional population <sup>2</sup>	4,680	4,515	4,680	4,663	4,636	4,574	4,515	4,429	4,293	4,145	3,981
Civilian labor force	4,365	4,174	4,366	4,330	4,322	4,234	4,176	4,081	3,952	3,804	3,629
Employed	4,112	3,862	4,104	4,078	4,055	3,931	3,853	3,749	3,616	3,459	3,306
Unemployed	254	312	262	252	267	303	322	332	336	345	322
Unemployment rate	5.8	7.5	6.0	5.8	6.2	7.2	7.7	8.1	8.5	9.1	8.9
<b>20 to 24 years</b>											
Civilian noninstitutional population <sup>2</sup>	1,712	1,967	1,712	1,792	1,861	1,913	1,967	2,000	1,990	1,974	1,947
Civilian labor force	1,567	1,788	1,568	1,628	1,688	1,728	1,789	1,799	1,791	1,761	1,716
Employed	1,427	1,606	1,420	1,475	1,527	1,544	1,598	1,594	1,583	1,547	1,492
Unemployed	141	182	148	153	161	183	190	205	209	214	224
Unemployment rate	9.0	10.2	9.4	9.4	9.5	10.6	10.6	11.4	11.6	12.2	13.1
<b>25 to 29 years</b>											
Civilian noninstitutional population <sup>2</sup>	2,968	2,549	2,968	2,871	2,775	2,661	2,549	2,429	2,303	2,171	2,035
Civilian labor force	2,798	2,387	2,798	2,702	2,634	2,507	2,387	2,282	2,161	2,043	1,912
Employed	2,685	2,256	2,684	2,603	2,528	2,387	2,255	2,155	2,034	1,912	1,814
Unemployed	113	130	114	99	106	120	132	127	127	131	98
Unemployment rate	4.0	5.5	4.1	3.7	4.0	4.8	5.5	5.6	5.9	6.4	5.1
<b>Total, 30 to 34 years</b>											
Civilian noninstitutional population <sup>2</sup>	974	658	974	885	801	730	658	586	525	471	417
Civilian labor force	942	638	947	861	767	708	642	579	509	463	406
Employed	920	622	924	834	739	687	625	564	496	444	391
Unemployed	22	17	23	27	28	20	17	15	13	19	15
Unemployment rate	2.3	3.0	2.4	3.1	3.6	2.9	2.6	2.6	2.6	4.2	3.8
<b>NONVETERANS</b>											
<b>Total, 20 to 29 years</b>											
Civilian noninstitutional population <sup>2</sup>	10,670	9,930	10,670	10,470	10,262	10,120	9,930	9,716	9,567	9,454	9,334
Civilian labor force	9,396	8,604	9,398	9,217	8,973	8,778	8,604	8,441	8,316	8,162	8,091
Employed	8,844	8,006	8,832	8,668	8,403	8,218	7,994	7,825	7,690	7,559	7,514
Unemployed	551	598	566	549	570	560	609	616	626	603	577
Unemployment rate	5.9	7.0	6.0	6.0	6.3	6.4	7.1	7.3	7.5	7.4	7.1
<b>20 to 24 years</b>											
Civilian noninstitutional population <sup>2</sup>	6,559	5,980	6,559	6,392	6,236	6,113	5,980	5,825	5,620	5,582	5,468
Civilian labor force	5,506	4,860	5,500	5,355	5,190	4,971	4,853	4,745	4,579	4,469	4,432
Employed	5,110	4,421	5,098	4,979	4,765	4,560	4,410	4,294	4,139	4,043	4,008
Unemployed	396	439	402	376	425	411	443	451	440	426	424
Unemployment rate	7.2	9.0	7.3	7.0	8.2	8.3	9.1	9.5	9.6	9.5	9.6
<b>25 to 29 years</b>											
Civilian noninstitutional population <sup>2</sup>	4,111	3,950	4,111	4,078	4,026	4,007	3,950	3,891	3,947	3,872	3,866
Civilian labor force	3,890	3,744	3,898	3,862	3,783	3,807	3,751	3,696	3,737	3,693	3,659
Employed	3,734	3,585	3,734	3,689	3,638	3,658	3,585	3,531	3,551	3,516	3,506
Unemployed	155	159	164	173	145	149	166	165	186	177	153
Unemployment rate	4.0	4.2	4.2	4.5	3.8	3.9	4.4	4.5	5.0	4.8	4.2
<b>Total, 30 to 34 years</b>											
Civilian noninstitutional population <sup>2</sup>	3,584	3,424	3,584	3,520	3,462	3,425	3,424	3,373	3,288	3,236	3,201
Civilian labor force	3,448	3,271	3,457	3,375	3,326	3,305	3,280	3,249	3,180	3,143	3,101
Employed	3,365	3,177	3,368	3,274	3,239	3,204	3,180	3,135	3,065	3,026	2,983
Unemployed	82	94	89	101	87	101	100	114	115	116	118
Unemployment rate	2.4	2.9	2.6	3.0	2.6	3.0	3.0	3.5	3.6	3.7	3.8

<sup>1</sup> Vietnam Era veterans are those who served after August 4, 1964. Of the Vietnam Era veterans of all ages, 75 percent were included in this table.

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

**HOUSEHOLD DATA  
QUARTERLY AVERAGES**

**A-61: Employment status of male Vietnam Era veterans and nonveterans 20 to 34 years by age and color**

Employment status	(Numbers in thousands)											
	Veterans <sup>1</sup>						Nonveterans					
	White			Negro and other races			White			Negro and other races		
	2nd 1973	1st 1973	2nd 1972	2nd 1973	1st 1973	2nd 1972	2nd 1973	1st 1973	2nd 1972	2nd 1973	1st 1973	2nd 1972
<b>Total, 20 to 29 years</b>												
Civilian noninstitutional population .....	4,199	4,216	4,102	481	447	413	9,291	9,123	8,652	1,379	1,347	1,278
Civilian labor force .....	3,937	3,901	3,799	428	385	375	8,230	7,891	7,539	1,166	1,102	1,065
Employed .....	3,731	3,640	3,535	381	344	327	7,799	7,394	7,053	1,045	976	953
Unemployed .....	207	262	264	47	40	48	429	497	486	122	126	112
Unemployment rate .....	5.3	6.7	7.0	11.0	10.4	12.7	5.2	6.3	6.4	10.5	11.4	10.5
<b>20 to 24 years</b>												
Civilian noninstitutional population .....	1,478	1,595	1,748	234	197	219	5,726	5,555	5,220	833	837	761
Civilian labor force .....	1,359	1,437	1,595	208	174	193	4,837	4,500	4,263	669	639	597
Employed .....	1,253	1,281	1,442	174	148	164	4,530	4,163	3,913	580	558	508
Unemployed .....	107	156	153	34	26	29	307	337	350	89	81	89
Unemployment rate .....	7.9	10.9	9.6	16.3	14.9	15.1	6.3	7.5	8.2	13.3	12.7	14.9
<b>25 to 29 years</b>												
Civilian noninstitutional population .....	2,721	2,621	2,354	247	250	195	3,565	3,568	3,433	546	510	517
Civilian labor force .....	2,578	2,464	2,205	220	211	182	3,393	3,391	3,277	497	463	467
Employed .....	2,478	2,359	2,093	207	196	164	3,269	3,231	3,140	465	418	444
Unemployed .....	100	106	112	13	14	19	122	160	136	33	45	23
Unemployment rate .....	3.9	4.3	5.1	5.9	6.6	10.2	3.6	4.7	4.2	6.6	9.7	4.9
<b>Total, 30 to 34 years</b>												
Civilian noninstitutional population .....	883	800	603	91	85	55	3,064	3,037	2,932	520	483	470
Civilian labor force .....	857	777	585	84	77	53	2,967	2,935	2,835	481	448	436
Employed .....	837	751	572	82	72	49	2,902	2,839	2,765	463	426	412
Unemployed .....	20	27	12	2	5	4	64	96	70	18	22	24
Unemployment rate .....	2.4	3.4	2.1	2.4	6.5	( <sup>2</sup> )	2.2	3.3	2.5	3.7	4.9	5.4

<sup>1</sup> See footnote 1, table A-60.

<sup>2</sup> Rate not shown where base is less than 75,000.

ESTABLISHMENT DATA  
HISTORICAL EMPLOYMENTB-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	-	-
1921.....	24,382	10,231	962	1,012	8,257	14,151	3,459	4,589	-	-	1,163	2,412	2,528	-	-
1922.....	25,827	11,234	929	1,185	9,120	14,593	3,505	4,903	-	-	1,144	2,503	2,538	-	-
1923.....	28,394	12,741	1,212	1,229	10,300	15,653	3,882	5,290	-	-	1,190	2,684	2,607	-	-
1924.....	28,040	12,093	1,101	1,321	9,671	15,947	3,807	5,407	-	-	1,231	2,782	2,720	-	-
1925.....	28,778	12,474	1,089	1,446	9,939	16,304	3,826	5,576	-	-	1,233	2,869	2,800	-	-
1926.....	29,819	12,896	1,185	1,555	10,156	16,923	3,942	5,784	-	-	1,305	3,046	2,846	-	-
1927.....	29,976	12,723	1,114	1,608	10,001	17,253	3,895	5,908	-	-	1,367	3,168	2,915	-	-
1928.....	30,000	12,603	1,050	1,606	9,947	17,397	3,828	5,874	-	-	1,435	3,265	2,995	-	-
1929.....	31,339	13,286	1,087	1,497	10,702	18,053	3,916	6,123	-	-	1,509	3,440	3,065	533	2,532
1930.....	29,424	11,943	1,009	1,372	9,562	17,481	3,685	5,797	-	-	1,475	3,376	3,148	526	2,622
1931.....	26,649	10,257	873	1,214	8,170	16,392	3,254	5,284	-	-	1,407	3,183	3,264	560	2,704
1932.....	23,628	8,632	731	970	6,931	14,996	2,816	4,683	-	-	1,341	2,931	3,225	559	2,666
1933.....	23,711	8,950	744	809	7,397	14,761	2,672	4,755	-	-	1,295	2,873	3,166	565	2,601
1934.....	25,953	10,246	883	862	8,501	15,707	2,750	5,281	-	-	1,319	3,058	3,299	652	2,647
1935.....	27,053	10,878	897	912	9,069	16,175	2,786	5,431	-	-	1,335	3,142	3,481	753	2,728
1936.....	29,082	11,918	946	1,145	9,827	17,164	2,973	5,809	-	-	1,388	3,326	3,668	826	2,842
1937.....	31,026	12,921	1,015	1,112	10,794	18,105	3,134	6,265	-	-	1,432	3,518	3,756	833	2,923
1938.....	29,209	11,386	891	1,055	9,440	17,823	2,863	6,179	-	-	1,425	3,473	3,883	829	3,054
1939.....	30,618	12,282	854	1,150	10,278	18,336	2,936	6,426	1,684	4,742	1,462	3,517	3,995	905	3,090
1940.....	32,376	13,204	925	1,294	10,985	19,173	3,038	6,750	1,754	4,996	1,502	3,681	4,202	996	3,206
1941.....	36,554	15,939	957	1,790	13,192	20,614	3,274	7,210	1,873	5,338	1,549	3,921	4,660	1,340	3,320
1942.....	40,125	18,442	992	2,170	15,280	21,683	3,460	7,118	1,821	5,297	1,538	4,084	5,483	2,213	3,270
1943.....	42,452	20,094	925	1,567	17,602	22,359	3,647	6,982	1,741	5,241	1,502	4,148	6,080	2,905	3,174
1944.....	41,883	19,314	892	1,094	17,328	22,569	3,829	7,058	1,762	5,296	1,476	4,163	6,043	2,928	3,116
1945.....	40,394	17,492	836	1,132	15,524	22,902	3,906	7,314	1,862	5,452	1,497	4,241	5,944	2,808	3,137
1946.....	41,674	17,226	862	1,661	14,703	24,448	4,061	8,376	2,190	6,186	1,697	4,719	5,595	2,254	3,341
1947.....	43,881	18,482	955	1,982	15,545	25,399	4,166	8,955	2,361	6,595	1,754	5,050	5,474	1,892	3,582
1948.....	44,891	18,745	994	2,169	15,582	26,146	4,189	9,272	2,489	6,783	1,829	5,206	5,650	1,863	3,787
1949.....	43,778	17,536	930	2,165	14,441	26,242	4,001	9,264	2,487	6,778	1,857	5,264	5,856	1,908	3,948
1950.....	45,222	18,475	901	2,333	15,241	26,747	4,034	9,386	2,518	6,868	1,919	5,382	6,026	1,928	4,098
1951.....	47,849	19,925	929	2,603	16,393	27,924	4,226	9,742	2,606	7,136	1,991	5,576	6,389	2,302	4,087
1952.....	48,825	20,164	898	2,634	16,632	28,660	4,248	10,004	2,687	7,317	2,069	5,730	6,609	2,420	4,188
1953.....	50,232	21,038	866	2,623	17,549	29,195	4,290	10,247	2,727	7,520	2,146	5,867	6,645	2,305	4,340
1954.....	49,022	19,717	791	2,612	16,314	29,306	4,284	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	2,846	7,902	2,519	6,806	7,839	2,191	5,648
1959.....	53,313	20,367	732	2,960	16,675	32,945	4,011	11,127	2,946	8,182	2,594	7,130	8,083	2,233	5,850
1960.....	54,234	20,393	712	2,885	16,796	33,840	4,004	11,391	3,004	8,388	2,669	7,423	8,353	2,270	6,083
1961.....	54,042	19,814	672	2,816	16,326	34,229	3,903	11,337	2,993	8,344	2,731	7,664	8,594	2,279	6,315
1962.....	55,596	20,405	650	2,902	16,853	35,190	3,906	11,566	3,056	8,511	2,800	8,028	8,890	2,340	6,550
1963.....	56,702	20,593	635	2,963	16,995	36,108	3,903	11,778	3,104	8,675	2,877	8,325	9,225	2,358	6,868
1964.....	58,331	20,958	634	3,050	17,274	37,373	3,951	12,160	3,189	8,971	2,957	8,709	9,596	2,348	7,248
1965.....	60,815	21,880	632	3,186	18,062	38,936	4,036	12,716	3,312	9,404	3,023	9,087	10,074	2,378	7,696
1966.....	63,955	23,116	627	3,275	19,214	40,839	4,151	13,245	3,437	9,808	3,100	9,551	10,792	2,564	8,227
1967.....	65,857	23,268	613	3,208	19,447	42,589	4,261	13,606	3,525	10,081	3,225	10,099	11,398	2,719	8,679
1968.....	67,915	23,672	606	3,285	19,781	44,244	4,310	14,084	3,611	10,473	3,382	10,623	11,845	2,737	9,109
1969.....	70,284	24,221	619	3,435	20,167	46,063	4,429	14,639	3,733	10,906	3,564	11,229	12,202	2,758	9,444
1970.....	70,593	23,352	623	3,381	19,349	47,242	4,493	14,914	3,812	11,102	3,688	11,612	12,535	2,705	9,830
1971.....	70,645	22,542	602	3,411	18,529	48,103	4,442	15,142	3,809	11,333	3,796	11,869	12,856	2,664	10,191
1972.....	72,764	23,061	607	3,521	18,933	49,704	4,495	15,683	3,918	11,765	3,927	12,309	13,290	2,650	10,640
1972:June	73,463	23,401	614	3,717	19,070	50,062	4,549	15,749	3,946	11,803	3,966	12,487	13,311	2,659	10,652
July	72,469	23,057	614	3,740	18,703	49,412	4,531	15,653	3,956	11,697	3,990	12,489	12,749	2,645	10,104
Aug.	72,975	23,601	616	3,838	19,147	49,374	4,527	15,691	3,974	11,717	3,995	12,481	12,680	2,644	10,036
Sept.	73,519	23,696	613	3,785	19,298	49,823	4,548	15,774	3,962	11,812	3,957	12,391	13,153	2,627	10,526
Oct.	74,118	23,750	609	3,782	19,359	50,368	4,549	15,887	3,982	11,905	3,957	12,463	13,512	2,627	10,885
Nov.	74,449	23,651	607	3,630	19,414	50,798	4,554	16,162	3,987	12,175	3,965	12,472	13,645	2,621	11,014
Dec.	74,778	23,399	603	3,373	19,423	51,379	4,558	16,669	3,998	12,671	3,971	12,474	13,707	2,671	11,036
1973:Jan.	73,343	23,032	598	3,155	19,279	50,311	4,510	15,865	3,973	11,892	3,959	12,406	13,571	2,619	10,952
Feb.	73,724	23,202	598	3,184	19,420	50,522	4,507	15,776	3,974	11,802	3,978	12,530	13,731	2,619	11,112
Mar.	74,255	23,413	598	3,294	19,521	50,842	4,539	15,880	3,989	11,891	4,000	12,627	13,796	2,623	11,173
Apr.	74,861	23,631	603	3,442	19,586	51,230	4,559	16,088	4,000	12,088	4,019	12,771	13,793	2,631	11,162
May	75,357	23,864	609	3,602	19,653	51,493	4,592	16,187	4,012	12,175	4,040	12,864	13,810	2,638	11,172
June	76,246	24,427	625	3,835	19,967	51,819	4,670	16,324	4,079	12,245	4,081	13,005	13,739	2,642	11,097

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**

68

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

(In thousands)

SIC CODE	Industry	All employees					Production workers <sup>1</sup>				
		June 1973	May 1973 <sup>p</sup>	Apr. 1973	June 1972	May 1972	June 1973 <sup>p</sup>	May 1973 <sup>p</sup>	Apr. 1973	June 1972	May 1972
-	<b>TOTAL</b> .....	76,246	75,357	74,861	73,463	72,612	-	-	-	-	-
-	<b>PRIVATE SECTOR</b> .....	62,507	61,547	61,068	60,152	59,182	51,850	50,984	50,554	49,862	48,979
-	<b>MINING</b> .....	625	609	603	614	605	476	462	456	464	458
10	<b>METAL MINING</b> .....	-	88.6	88.0	87.0	85.8	-	70.7	70.0	69.2	68.4
101	Iron ores .....	-	21.1	20.6	20.8	20.3	-	17.1	16.7	16.8	16.5
102	Copper ores .....	-	41.3	41.2	38.7	38.2	-	32.9	32.8	30.5	30.1
11,12	<b>COAL MINING</b> .....	-	141.0	142.9	144.9	148.3	-	120.3	122.2	122.7	125.7
12	Bituminous coal and lignite mining .....	-	137.5	139.3	140.7	144.1	-	117.2	119.1	119.1	122.0
13	<b>OIL AND GAS EXTRACTION</b> .....	-	261.8	258.3	264.7	256.6	-	174.6	170.9	175.1	169.4
131,2	Crude petroleum and natural gas fields .....	-	132.9	132.9	140.2	137.2	-	67.3	67.1	72.7	70.7
138	Oil and gas field services .....	-	128.9	125.4	124.5	119.4	-	107.3	103.8	102.4	98.7
14	<b>NONMETALLIC MINERALS, EXCEPT FUELS</b> .....	-	117.4	114.0	117.7	113.9	-	95.9	92.9	97.2	94.3
142	Crushed and broken stone .....	-	40.9	39.6	41.4	39.8	-	34.4	33.1	35.3	34.0
144	Sand and gravel .....	-	40.5	38.7	40.1	38.8	-	-	-	-	-
-	<b>CONTRACT CONSTRUCTION</b> .....	3,835	3,602	3,442	3,717	3,528	3,193	2,972	2,815	3,095	2,919
15	<b>GENERAL BUILDING CONTRACTORS</b> .....	-	1,052.2	1,016.2	1,074.3	1,023.1	-	860.1	822.2	883.1	837.3
16	<b>HEAVY CONSTRUCTION CONTRACTORS</b> .....	-	769.8	685.2	828.1	749.4	-	651.6	570.8	712.8	637.7
161	Highway and street construction .....	-	352.6	295.0	400.9	348.8	-	307.3	251.5	356.6	306.3
162	Heavy construction, n e c .....	-	417.2	390.2	427.2	400.6	-	344.3	319.3	356.2	331.4
17	<b>SPECIAL TRADE CONTRACTORS</b> .....	-	1,780.2	1,740.5	1,815.0	1,755.7	-	1,459.9	1,422.2	1,498.7	1,443.7
171	Plumbing, heating, air conditioning .....	-	435.4	430.3	447.6	433.9	-	338.7	335.3	353.9	341.4
172	Painting, paper hanging, decorating .....	-	128.5	120.8	137.8	129.8	-	111.3	103.9	120.0	112.4
173	Electrical work .....	-	327.3	320.5	322.5	313.7	-	262.0	255.7	257.3	249.5
174	Masonry, stonework, and plastering .....	-	208.4	204.7	217.7	213.1	-	187.0	183.3	196.5	191.7
176	Roofing and sheet metal work .....	-	119.5	119.1	121.4	115.8	-	97.4	97.1	99.8	94.4
-	<b>MANUFACTURING</b> .....	19,967	19,653	19,586	19,070	18,751	14,704	14,446	14,394	13,960	13,676
19,24,25, 32-39	<b>DURABLE GOODS</b> .....	11,736	11,568	11,498	10,953	10,797	8,645	8,507	8,452	7,985	7,846
20-23, 26-31	<b>NONDURABLE GOODS</b> .....	8,231	8,085	8,088	8,117	7,954	6,059	5,939	5,942	5,975	5,830
	<i>Durable Goods</i>										
19	<b>ORDNANCE AND ACCESSORIES</b> .....	190.9	191.0	193.0	188.1	184.3	95.8	97.5	98.9	94.1	90.8
192	Ammunition, except for small arms .....	134.6	134.1	135.1	128.4	125.3	62.0	63.1	63.4	57.0	54.3
1925	Complete guided missiles .....	-	93.5	93.4	89.5	88.5	-	30.4	30.0	26.7	26.0
1929	Ammunition, exc. for small arms, nec .....	-	40.6	41.7	38.9	36.8	-	32.7	33.4	30.3	28.3
24	<b>LUMBER AND WOOD PRODUCTS</b> .....	649.5	626.9	617.6	630.0	605.2	561.6	539.7	531.1	544.5	520.2
241	Logging camps & logging contractors .....	78.0	70.9	66.4	72.0	64.7	-	-	-	-	-
242	Sawmills and planing mills .....	219.5	215.8	214.1	223.7	216.8	199.0	195.3	193.4	203.0	196.3
2421	Sawmills and planing mills, general .....	-	183.7	181.6	190.6	184.2	-	166.4	164.2	173.1	167.0
243	Millwork, plywood & related products .....	224.1	215.3	210.9	209.6	202.2	188.6	179.8	176.4	175.2	167.9
2431	Millwork .....	-	90.7	89.7	88.4	85.7	-	74.5	73.5	72.7	70.2
2432	Veneer and plywood .....	-	85.8	85.2	82.4	79.5	-	75.7	75.6	72.9	70.1
244	Wooden containers .....	28.4	27.1	27.5	29.9	28.6	25.6	24.1	24.6	26.8	25.5
2441,2	Wooden boxes, shooks, and crates .....	-	21.4	21.6	24.2	23.0	-	19.1	19.4	21.8	20.6
249	Miscellaneous wood products .....	99.5	97.8	98.7	94.8	92.9	82.0	80.8	81.3	78.6	76.8

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>				
		June 1973 <sup>P</sup>	May 1973 <sup>P</sup>	Apr. 1973	June 1972	May 1972	June 1973 <sup>P</sup>	May 1973 <sup>P</sup>	Apr. 1973	June 1972	May 1972
<i>Durable Goods--Continued</i>											
25	<b>FURNITURE AND FIXTURES . . . . .</b>	523.0	515.6	514.5	491.4	482.5	432.7	425.3	425.3	406.0	398.0
251	Household furniture . . . . .	379.0	373.8	374.2	354.3	349.1	321.9	317.2	318.0	300.2	295.5
2511	Wood household furniture . . . . .	—	183.6	184.7	175.5	172.6	—	161.4	162.5	154.0	151.2
2512	Upholstered household furniture . . . . .	—	106.8	106.5	101.3	99.2	—	89.3	89.1	84.9	83.0
2515	Mattresses and bedsprings . . . . .	—	39.3	39.1	38.3	38.0	—	30.2	30.3	29.4	29.1
252	Office furniture . . . . .	—	40.5	39.5	38.7	37.8	—	32.0	31.3	30.2	29.6
254	Partitions and fixtures . . . . .	—	54.5	54.1	50.6	48.5	—	41.3	41.1	39.0	37.0
253,9	Other furniture and fixtures . . . . .	47.2	46.8	46.7	47.8	47.1	35.3	34.8	34.9	36.6	35.9
32	<b>STONE, CLAY, AND GLASS PRODUCTS . . .</b>	700.9	692.2	681.6	675.4	658.4	562.0	554.3	545.5	540.9	525.3
321	Flat glass . . . . .	—	26.2	26.0	24.1	24.0	—	18.9	18.8	17.9	17.9
322	Glass and glassware, pressed or blown . . .	141.8	140.0	139.0	137.2	132.3	122.4	120.9	119.5	118.7	114.2
3221	Glass containers . . . . .	—	78.4	77.4	79.2	76.2	—	69.0	67.7	70.0	67.3
3229	Pressed and blown glass, n e c . . . . .	—	61.6	61.6	58.0	56.1	—	51.9	51.8	48.7	46.9
324	Cement, hydraulic . . . . .	34.3	33.5	33.2	34.6	33.5	27.0	26.2	26.0	27.3	26.2
325	Structural clay products . . . . .	—	59.7	59.1	60.8	59.1	—	49.7	49.0	50.7	49.4
3251	Brick and structural clay tile . . . . .	—	26.2	26.2	26.6	26.0	—	22.7	22.7	23.2	22.7
326	Pottery and related products . . . . .	—	47.0	47.0	44.4	43.9	—	39.8	39.9	37.4	37.0
327	Concrete, gypsum, and plaster products . . .	211.9	207.3	201.7	205.5	199.8	166.9	162.3	158.0	161.0	155.5
328,9	Other stone and nonmetallic mineral products	145.0	143.2	141.1	137.0	134.7	110.7	109.0	107.4	103.0	100.8
3291	Abrasive products . . . . .	—	29.3	28.9	26.8	26.1	—	20.8	20.5	18.8	18.1
33	<b>PRIMARY METAL INDUSTRIES . . . . .</b>	1,322.0	1,310.1	1,297.9	1,246.2	1,235.0	1,062.7	1,055.4	1,045.7	996.8	986.0
331	Blast furnace and basic steel products . . .	(*)	603.3	598.2	583.2	574.7	(*)	485.2	481.5	467.6	459.7
3312	Blast furnaces and steel mills . . . . .	—	519.0	514.4	501.1	494.2	—	418.7	415.4	403.0	396.9
332	Iron and steel foundries . . . . .	236.1	234.1	230.3	221.8	220.9	198.3	196.8	193.4	185.3	184.4
3321	Gray iron foundries . . . . .	—	148.1	145.2	140.3	140.1	—	126.3	123.6	119.3	119.0
3322	Malleable iron foundries . . . . .	—	25.8	25.5	25.2	25.0	—	21.9	21.6	21.3	21.1
3323	Steel foundries . . . . .	—	60.2	59.6	56.3	55.8	—	48.6	48.2	44.7	44.3
333,4	Nonferrous metals . . . . .	87.5	85.7	85.7	84.2	83.3	67.9	66.3	66.6	65.8	64.9
3334	Primary aluminum . . . . .	—	31.2	31.2	28.8	28.4	—	25.6	25.7	23.7	23.3
335	Nonferrous rolling and drawing . . . . .	220.0	218.2	216.6	203.4	205.1	168.8	167.2	165.7	152.2	153.9
3351	Copper rolling and drawing . . . . .	—	41.6	41.7	39.9	39.1	—	32.4	32.6	30.4	29.5
3352	Aluminum rolling and drawing . . . . .	—	70.7	69.8	65.2	67.2	—	53.7	52.8	48.1	50.0
3357	Nonferrous wire drawing and insulating . .	—	84.3	83.7	77.8	78.7	—	65.5	65.0	59.0	60.0
336	Nonferrous foundries . . . . .	98.1	94.7	93.5	84.1	82.8	83.0	80.0	78.9	70.5	69.0
3361	Aluminum castings . . . . .	—	50.1	49.1	44.0	43.3	—	42.9	42.0	37.5	36.6
3362,9	Other nonferrous castings . . . . .	—	44.6	44.4	40.1	39.5	—	37.1	36.9	33.0	32.4
339	Miscellaneous primary metal products . . . .	74.6	74.1	73.6	69.5	68.2	60.4	59.9	59.6	55.4	54.1
3391	Iron and steel forgings . . . . .	—	48.5	48.3	46.2	45.2	—	39.8	39.7	37.6	36.7
34	<b>FABRICATED METAL PRODUCTS . . . . .</b>	1,466.4	1,447.2	1,439.5	1,382.8	1,360.3	1,133.2	1,116.9	1,109.9	1,061.4	1,040.2
341	Metal cans . . . . .	70.7	68.7	67.9	71.0	68.9	60.7	58.6	57.7	61.1	58.8
342	Curlery, hand tools, and hardware . . . . .	166.4	163.9	165.1	156.9	154.8	131.4	129.2	130.5	123.7	121.9
3421,3,5	Cutlery and hand tools, incl. saws . . . .	—	70.6	70.2	66.2	64.4	—	56.2	55.8	52.5	50.8
3429	Hardware, n e c . . . . .	—	93.3	94.9	90.7	90.4	—	73.0	74.7	71.2	71.1
343	Plumbing and heating, except electric . . .	86.0	84.1	83.3	82.0	81.2	65.6	64.1	63.2	62.1	61.2
3431,2	Sanitary ware & plumbers' brass goods . .	—	40.5	40.1	39.7	39.6	—	32.5	32.1	31.9	31.7
3433	Heating equipment, except electric . . . .	—	43.6	43.2	42.3	41.6	—	31.6	31.1	30.2	29.5
344	Fabricated structural metal products . . . . .	458.9	450.6	445.1	431.2	423.0	331.6	324.2	319.8	309.6	301.2
3441	Fabricated structural steel . . . . .	—	104.3	102.7	101.8	101.0	—	75.9	74.8	73.8	72.8
3442	Metal doors, sash, and trim . . . . .	—	78.2	77.4	77.9	75.2	—	58.1	57.4	57.7	55.1
3443	Fabricated plate work (boiler shops) . . . .	—	118.0	117.5	111.2	110.5	—	81.9	81.4	76.7	75.8
3444	Sheet metal work . . . . .	—	89.5	88.4	84.4	82.3	—	65.3	64.4	61.8	59.9
3446,9	Architectural and misc. metal work . . . .	—	60.6	59.1	55.9	54.0	—	43.0	41.8	39.6	37.6
345	Screw machine products, bolts, etc . . . . .	104.4	102.9	102.5	98.3	96.3	83.3	82.0	81.4	77.1	75.5
3451	Screw machine products . . . . .	—	46.0	45.8	42.9	41.9	—	38.8	38.5	35.5	34.7
3452	Bolts, nuts, rivets, and washers . . . . .	—	56.9	56.7	55.4	54.4	—	43.2	42.9	41.6	40.8
346	Metal stampings . . . . .	249.4	249.3	249.3	232.0	232.7	203.0	203.5	203.1	186.9	188.1
347	Metal services, n e c . . . . .	94.7	94.1	93.1	86.6	84.4	78.7	78.2	77.5	71.4	69.4
348	Misc. fabricated wire products . . . . .	71.9	70.5	70.9	68.6	66.5	58.2	56.7	57.2	55.0	53.1
349	Misc. fabricated metal products . . . . .	164.0	163.1	162.3	156.2	152.5	120.7	120.4	119.5	114.5	111.0
3494,8	Valves, pipe, and pipe fittings . . . . .	—	102.5	102.0	97.4	95.3	—	72.3	72.0	68.2	66.4

See footnotes at end of table.

**ESTABLISHMENT DATA**  
**EMPLOYMENT**

70

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

(In thousands)

SIC Code	Industry	All employees					Production workers <sup>1</sup>				
		June 1973 <sup>P</sup>	May 1973 <sup>P</sup>	Apr. 1973	June 1972	May 1972	June 1973 <sup>P</sup>	May 1973 <sup>P</sup>	Apr. 1973	June 1972	May 1972
<i>Durable Goods--Continued</i>											
35	<b>MACHINERY, EXCEPT ELECTRICAL . . . . .</b>	2,045.8	2,021.2	2,016.3	1,871.2	1,849.3	1,382.8	1,366.9	1,365.4	1,241.3	1,224.3
351	Engines and turbines . . . . .	119.2	117.0	117.2	111.0	110.4	78.8	77.3	77.6	72.7	72.5
3511	Steam engines and turbines . . . . .	-	44.1	44.4	44.1	43.9	-	23.7	23.9	24.4	24.4
3519	Internal combustion engines, n.e.c. . . . .	-	72.9	72.8	66.9	66.5	-	53.6	53.7	48.3	48.1
352	Farm machinery . . . . .	-	148.0	149.0	133.2	132.6	-	107.5	108.5	95.3	94.8
353	Construction and related machinery . . . . .	314.6	309.1	311.8	288.4	283.8	210.4	206.2	209.4	188.0	184.1
3531,2	Construction and mining machinery . . . . .	-	169.0	171.9	155.9	153.9	-	115.9	118.8	103.5	101.9
3533	Oil field machinery . . . . .	-	48.3	48.2	45.7	44.6	-	33.5	33.6	31.6	30.6
3535,6	Conveyors, hoists, cranes, monorails . . . . .	-	41.3	41.2	40.2	39.6	-	26.1	25.8	24.7	24.2
3537	Industrial trucks and tractors . . . . .	-	35.3	35.0	30.8	29.9	-	23.4	23.5	20.2	19.5
354	Metal working machinery . . . . .	323.5	320.8	318.4	287.8	286.2	240.4	238.7	236.9	209.5	208.4
3541	Machine tools, metal cutting types . . . . .	-	65.3	64.8	57.0	57.1	-	43.5	43.1	36.3	36.6
3544	Special dies, tools, jigs, & fixtures . . . . .	-	123.9	123.2	113.2	114.3	-	101.0	100.8	91.2	92.3
3545	Machine tool accessories . . . . .	-	55.5	54.7	47.8	46.3	-	40.8	40.0	33.8	32.6
3542,8	Misc. metal working machinery . . . . .	-	76.1	75.7	69.8	68.5	-	53.4	53.0	48.2	46.9
355	Special industry machinery . . . . .	191.9	190.2	189.4	179.2	175.7	127.4	126.3	126.2	117.4	114.4
3551	Food products machinery . . . . .	-	40.3	39.9	38.0	36.8	-	26.5	26.4	24.3	23.1
3552	Textile machinery . . . . .	-	38.2	38.0	37.5	36.9	-	29.1	29.0	27.8	27.1
3555	Printing trades machinery . . . . .	-	28.2	28.2	26.7	26.7	-	17.7	17.6	16.3	16.3
356	General industrial machinery . . . . .	290.3	285.1	282.9	267.1	263.2	199.3	195.4	194.0	179.3	175.9
3561	Pumps and compressors . . . . .	-	79.9	79.6	76.7	75.0	-	50.4	50.3	47.5	46.3
3562	Ball and roller bearings . . . . .	-	54.9	54.8	52.4	51.6	-	42.9	42.9	40.5	39.7
3564	Blowers and fans . . . . .	-	35.7	35.0	33.1	32.7	-	23.1	22.7	20.8	20.4
3566	Power transmission equipment . . . . .	-	52.2	51.9	47.5	46.8	-	37.8	37.6	33.9	33.1
357	Office and computing machines . . . . .	263.8	260.1	259.2	244.5	243.0	120.4	119.2	118.7	111.2	111.3
3573	Electronic computing equipment . . . . .	-	186.0	184.9	170.1	168.8	-	68.0	67.4	59.6	59.5
358	Service industry machines . . . . .	160.9	160.8	160.3	150.2	148.8	114.3	114.6	114.2	104.9	103.8
3585	Refrigeration machinery . . . . .	-	110.9	110.3	101.8	100.7	-	80.8	80.1	72.1	71.2
359	Misc. machinery, except electrical . . . . .	234.1	230.1	228.1	209.8	205.6	184.9	181.7	179.9	163.0	159.1
36	<b>ELECTRICAL EQUIPMENT AND SUPPLIES</b>	2,009.0	1,969.4	1,958.2	1,830.2	1,803.3	1,390.8	1,357.9	1,349.0	1,235.5	1,211.2
361	Electric test & distributing equipment . . . . .	(*)	210.4	209.2	193.6	189.7	(*)	146.6	145.8	132.4	128.7
3611	Electric measuring instruments . . . . .	-	76.8	76.2	66.1	64.5	-	48.8	48.4	40.9	39.2
3612	Transformers . . . . .	-	57.0	56.8	52.6	52.0	-	42.8	42.4	38.6	38.3
3613	Switchgear and switchboard apparatus . . . . .	-	76.6	76.2	74.9	73.2	-	55.0	55.0	52.9	51.2
362	Electrical industrial apparatus . . . . .	231.4	228.1	226.1	210.8	205.4	165.9	163.5	161.9	146.7	142.0
3621	Motors and generators . . . . .	-	124.3	123.6	114.4	112.6	-	92.4	91.8	82.1	80.2
3622	Industrial controls . . . . .	-	62.8	62.3	59.1	56.5	-	41.2	40.9	38.2	36.0
363	Household appliances . . . . .	222.8	215.4	213.5	196.9	193.9	179.5	172.7	171.0	157.2	154.8
3632	Household refrigerators and freezers . . . . .	-	66.8	65.7	60.6	60.2	-	55.1	54.1	49.7	49.5
3633	Household laundry equipment . . . . .	-	29.2	29.0	28.4	27.7	-	23.7	23.6	23.1	22.6
3634	Electric housewares and fans . . . . .	-	54.2	53.6	49.8	48.6	-	43.4	42.8	39.5	38.3
364	Electric lighting and wiring equipment . . . . .	221.7	218.0	216.6	201.8	199.8	174.0	171.3	169.5	156.2	154.9
3641	Electric lamps . . . . .	-	39.2	38.8	36.3	35.8	-	35.0	34.6	32.0	31.7
3642	Lighting fixtures . . . . .	-	70.2	70.5	67.6	67.6	-	54.4	54.4	52.0	52.1
3643,4	Wiring devices . . . . .	-	108.6	107.3	97.9	96.4	-	81.9	80.5	72.2	71.1
365	Radio and TV receiving equipment . . . . .	146.9	144.2	143.9	139.1	135.6	109.5	107.0	107.2	103.4	100.1
366	Communication equipment . . . . .	435.1	432.7	432.5	428.1	426.2	225.0	222.4	222.5	213.7	211.8
3661	Telephone and telegraph apparatus . . . . .	-	150.8	150.5	147.4	147.2	-	98.5	97.9	94.0	93.7
3662	Radio and TV communication equipment . . . . .	-	281.9	282.0	280.7	279.0	-	123.9	124.6	119.7	118.1
367	Electronic components and accessories . . . . .	396.2	386.5	383.2	337.9	331.2	276.1	268.5	266.1	230.8	224.6
3671-3	Electron tubes . . . . .	-	53.0	52.9	50.8	50.3	-	37.3	37.2	36.0	35.6
3674,9	Other electronic components . . . . .	-	333.5	330.3	287.1	280.9	-	231.2	228.9	194.8	189.0
369	Misc. electrical equipment & supplies . . . . .	137.2	134.1	133.2	122.0	121.5	108.3	105.9	105.0	95.1	94.3
3694	Engine electrical equipment . . . . .	-	71.1	70.4	65.0	65.5	-	57.6	56.9	52.3	52.6
37	<b>TRANSPORTATION EQUIPMENT . . . . .</b>	1,900.6	1,873.9	1,869.2	1,750.6	1,750.2	1,378.8	1,353.1	1,351.4	1,252.9	1,254.6
371	Motor vehicles and equipment . . . . .	(*)	949.1	942.4	864.9	863.1	(*)	741.8	736.6	670.5	671.2
3711	Motor vehicles . . . . .	-	428.4	424.8	381.9	379.9	-	317.4	314.2	279.6	279.9
3712	Passenger car bodies . . . . .	-	48.5	48.6	47.2	47.3	-	39.1	39.3	39.0	39.2
3713	Truck and bus bodies . . . . .	-	42.9	43.0	40.0	39.2	-	34.4	34.4	31.7	31.1
3714	Motor vehicle parts and accessories . . . . .	-	401.4	398.5	370.7	370.6	-	328.8	327.1	300.7	300.6
3715	Truck trailers . . . . .	-	27.9	27.5	25.1	26.1	-	22.1	21.6	19.5	20.4
372	Aircraft and parts . . . . .	510.4	508.1	511.9	496.8	498.3	276.9	276.2	279.9	267.5	268.7
3721	Aircraft . . . . .	-	273.5	273.8	269.3	270.1	-	140.5	140.8	137.3	137.9
3722	Aircraft engines and engine parts . . . . .	-	141.9	144.6	137.1	137.8	-	76.2	78.7	72.0	72.7
3723,9	Other aircraft parts and equipment . . . . .	-	92.7	93.5	90.4	90.4	-	59.5	60.4	58.2	58.1
373	Ship and boat building and repairing . . . . .	(*)	187.2	187.1	180.7	180.4	(*)	149.3	149.7	145.5	145.4
3731	Ship building and repairing . . . . .	-	138.0	138.6	136.7	137.0	-	108.8	109.6	109.7	110.1

See footnotes at end of table.

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

SIC Code	Industry	(In thousands)									
		All employees					Production workers <sup>1</sup>				
		June 1973	May 1973	Apr. 1973	June 1972	May 1972	June 1973	May 1973	Apr. 1973	June 1972	May 1972
<i>Durable Goods--Continued</i>											
<b>TRANSPORTATION EQUIPMENT--Continued</b>											
3732	Boat building and repairing.....	-	49.2	48.5	44.0	43.4	-	40.5	40.1	35.8	35.3
374	Railroad equipment.....	-	51.3	50.7	50.9	50.1	-	38.7	38.2	38.5	37.8
375.9	Other transportation equipment.....	-	178.2	177.1	157.3	158.3	-	147.1	147.0	130.9	131.5
		489.1	487.3	479.3	457.9	449.9	301.3	301.7	294.5	277.0	271.1
<b>INSTRUMENTS AND RELATED PRODUCTS</b>											
38	Engineering & scientific instruments.....	-	68.2	67.8	64.1	63.8	-	34.7	34.7	31.7	31.4
382	Mechanical measuring & control devices.....	112.2	110.5	109.8	104.0	102.8	73.3	71.8	70.9	64.2	63.6
3821	Mechanical measuring devices.....	-	68.0	67.7	66.1	65.5	-	41.5	41.0	38.5	38.3
3822	Automatic temperature controls.....	-	42.5	42.1	37.9	37.3	-	30.3	29.9	25.7	25.3
383.5	Optical and ophthalmic goods.....	61.7	60.9	60.4	55.0	53.5	44.2	43.7	43.5	39.2	37.9
385	Ophthalmic goods.....	-	42.6	42.4	39.3	37.9	-	32.7	32.7	30.1	28.9
384	Medical instruments and supplies.....	(*)	97.3	96.4	91.0	89.4	(*)	65.0	64.3	59.9	58.6
386	Photographic equipment and supplies.....	119.6	117.4	112.2	113.2	110.6	60.1	59.3	54.1	56.8	55.1
387	Watches, clocks, and watchcases.....	-	33.0	32.7	39.6	29.8	-	27.2	27.0	25.2	24.5
<b>MISCELLANEOUS MANUFACTURING INDUSTRIES</b>											
39	Jewelry, silverware, and plated ware.....	438.7	433.3	430.7	428.9	418.1	343.6	338.6	335.6	334.3	324.6
391	Toys and sporting goods.....	55.2	55.1	55.2	53.1	51.9	40.8	40.8	41.0	39.9	38.9
394	Games, toys, dolls, & play vehicles.....	-	123.2	120.0	121.3	116.4	-	99.5	96.2	97.6	93.2
3941-3	Sporting and athletic goods, n.e.c.....	-	63.1	61.2	66.0	61.7	-	50.6	48.4	52.4	48.5
3949	Pens, pencils, office, and art supplies.....	-	60.1	58.8	55.3	54.7	-	48.9	47.8	45.2	44.7
395	Costume jewelry and notions.....	-	34.3	34.1	33.8	33.3	-	24.6	24.3	24.2	23.6
396	Other manufacturing industries.....	-	54.9	54.5	55.2	54.5	-	45.2	44.8	45.3	44.7
393.9	Musical instruments and parts.....	169.2	165.8	166.9	165.5	162.0	131.4	128.5	129.3	127.3	124.2
393		-	24.0	23.7	24.1	23.7	-	19.9	19.5	19.8	19.4
<i>Nondurable Goods</i>											
<b>FOOD AND KINDRED PRODUCTS</b>											
20	Meat products.....	1,730.1	1,670.2	1,665.4	1,767.1	1,689.6	1,158.9	1,106.4	1,102.4	1,191.1	1,119.4
201	Meat packing plants.....	(*)	327.6	322.3	349.1	338.0	(*)	268.4	262.7	287.9	276.8
2011	Sausages and other prepared meats.....	-	173.6	168.0	180.4	178.8	-	139.2	133.4	144.5	142.8
2013	Poultry dressing plants.....	-	58.0	57.5	62.2	61.8	-	41.9	40.8	45.7	45.2
2015	Dairy products.....	-	96.0	96.8	106.5	97.4	-	87.3	88.5	97.7	88.8
202	Ice cream and frozen desserts.....	226.5	221.5	219.8	233.2	225.8	115.5	110.8	109.3	116.5	111.0
2024	Fluid milk.....	-	23.9	22.9	27.0	24.5	-	13.8	13.2	15.8	13.9
2026	Canned, cured, and frozen foods.....	-	152.1	151.6	159.0	155.6	-	62.0	61.4	64.1	62.2
203	Canned, cured, and frozen sea foods.....	-	239.7	241.3	280.6	245.1	-	192.6	194.1	232.4	197.8
2031.6	Canned food, except sea foods.....	-	43.4	43.2	46.5	44.0	-	37.8	37.7	41.2	38.5
2032.1	Frozen fruits and vegetables.....	-	104.2	103.2	135.6	110.4	-	77.8	76.3	107.4	82.8
2037	Grain mill products.....	136.8	133.6	133.3	135.9	131.6	95.9	93.8	93.7	96.8	93.2
204	Flour and other grain mill products.....	-	27.8	27.8	27.3	27.0	-	19.5	19.6	19.9	19.6
2041	Prepared feeds for animals and fowls.....	-	66.6	65.7	68.8	66.0	-	44.2	43.3	46.3	43.9
2042	Bakery products.....	270.9	268.1	266.9	274.8	269.0	154.7	152.0	151.5	159.6	155.0
205	Bread, cake, and related products.....	-	224.3	223.3	231.2	226.7	-	118.3	117.6	125.1	121.6
2051	Cookies and crackers.....	-	43.8	43.6	43.6	42.3	-	33.7	33.9	34.5	33.4
2052	Sugar.....	-	34.3	35.4	32.5	32.6	-	25.3	26.1	22.9	23.1
206	Confectionery and related products.....	77.9	76.3	78.6	75.2	74.2	60.9	59.4	62.2	59.2	58.4
207	Confectionery products.....	-	59.4	61.8	57.6	56.7	-	46.8	49.7	46.1	45.2
2071	Beverages.....	233.0	224.8	222.2	238.4	227.9	115.1	110.5	108.1	121.1	111.3
208	Malt liquors.....	-	52.5	52.7	57.4	55.6	-	34.9	34.9	38.6	37.0
2082	Bottled and canned soft drinks.....	-	126.4	124.1	133.5	126.7	-	47.6	45.9	52.3	46.0
2086	Misc. foods and kindred products.....	146.0	144.3	145.6	147.4	145.4	94.4	93.6	94.7	94.7	92.8
209		69.3	67.6	68.4	66.8	66.5	57.0	55.4	56.0	54.6	54.0
21	Cigarettes.....	-	43.9	43.4	42.8	41.9	-	35.7	35.2	34.6	33.7
211	Cigars.....	-	13.1	13.2	13.7	13.9	-	11.7	11.8	12.3	12.4
212		1,033.8	1,019.0	1,020.5	1,001.6	984.8	909.7	895.9	897.9	881.5	865.3
22	Weaving mills, cotton.....	204.1	202.1	202.1	203.2	200.4	185.1	183.3	183.3	185.2	182.6
221	Weaving mills, synthetics.....	109.0	107.4	107.5	105.8	104.3	97.5	95.8	96.0	94.1	92.4
222	Weaving and finishing mills, wool.....	28.6	28.3	28.4	28.7	28.1	24.4	24.2	24.2	24.3	23.7
223	Narrow fabric mills.....	31.1	30.9	30.6	29.5	30.0	27.9	27.7	27.6	26.0	26.4
224	Knitting mills.....	279.8	275.4	276.8	270.0	265.2	243.8	24.0	241.6	236.9	232.0
225	Women's hosiery, except socks.....	-	52.3	53.6	54.5	53.9	-	46.3	47.5	48.0	47.4
2251	Hosiery, n.e.c.....	-	36.4	36.7	36.0	35.0	-	32.4	32.8	32.3	31.4
2252	Knit outerwear mills.....	-	83.3	83.3	79.4	77.8	-	71.2	71.2	68.6	67.1
2253	Knit underwear mills.....	-	36.1	36.4	36.2	35.7	-	31.9	32.2	32.0	31.4
2254											

See footnotes at end of table.

**ESTABLISHMENT DATA  
EMPLOYMENT**

72

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

SIC Code	Industry	(In thousands)					Production workers <sup>1</sup>				
		All employees									
		June 1973 <sup>p</sup>	May 1973 <sup>p</sup>	Apr. 1973	June 1972	May 1972	June 1973 <sup>p</sup>	May 1973 <sup>p</sup>	Apr. 1973	June 1972	May 1972
	<b>Nondurable Goods--Continued</b>										
	<b>TEXTILE MILL PRODUCTS--Continued</b>										
226	Textile finishing, except wool . . . . .	87.3	86.5	86.3	84.7	83.0	74.1	73.3	73.0	72.0	70.4
227	Floor covering mills . . . . .	-	64.8	64.2	61.1	59.6	-	52.1	51.8	49.4	48.3
228	Yarn and thread mills . . . . .	(*)	149.5	150.9	144.4	141.4	(*)	138.0	139.2	132.6	129.7
229	Miscellaneous textile goods . . . . .	74.8	74.1	73.7	74.2	72.8	62.2	61.5	61.2	61.0	59.8
23	<b>APPAREL AND OTHER TEXTILE PRODUCTS . . . . .</b>	1,361.1	1,350.4	1,354.4	1,345.1	1,332.4	1,185.0	1,175.0	1,178.9	1,174.5	1,162.9
231	Men's and boys' suits and coats . . . . .	108.8	108.2	108.4	108.3	107.0	95.5	95.0	94.9	95.0	93.5
232	Men's and boys' furnishings . . . . .	394.8	390.8	389.5	391.6	386.8	343.3	339.0	338.3	343.0	339.0
2321	Men's and boys' shirts and nightwear . . . . .	-	118.5	117.3	121.7	119.2	-	104.9	103.6	108.1	105.7
2327	Men's and boys' separate trousers . . . . .	-	84.7	85.2	84.6	86.4	-	75.3	76.0	75.5	77.0
2328	Men's and boys' work clothing . . . . .	-	88.0	87.8	86.5	85.2	-	74.4	74.6	74.9	73.9
233	Women's and misses' outerwear . . . . .	402.2	401.0	407.3	391.5	390.3	356.0	354.6	360.8	345.9	344.6
2331	Women's and misses' blouses and waists . . . . .	-	44.7	44.7	43.4	42.3	-	39.9	40.0	38.9	37.9
2335	Women's and misses' dresses . . . . .	-	191.5	196.7	185.4	189.9	-	172.5	177.7	166.5	170.9
2337	Women's and misses' suits and coats . . . . .	-	59.9	59.5	67.3	60.1	-	51.6	50.8	58.7	51.6
2339	Women's and misses' outerwear, n e c . . . . .	-	104.9	106.4	95.4	98.0	-	90.6	92.3	81.8	84.2
234	Women's and children's undergarments . . . . .	111.7	111.6	111.9	115.8	114.5	95.8	96.0	96.2	99.8	98.8
2341	Women's and children's underwear . . . . .	-	80.4	80.5	83.0	82.0	-	70.2	70.3	72.6	71.8
2342	Corsets and allied garments . . . . .	-	31.2	31.4	32.8	32.5	-	25.8	25.9	27.2	27.0
235	Hats, caps, and millinery . . . . .	-	17.2	17.3	17.0	16.5	-	15.1	15.1	15.1	14.7
236	Children's outerwear . . . . .	76.9	75.3	74.9	78.2	77.3	67.7	66.4	65.8	69.8	68.8
2361	Children's dresses and blouses . . . . .	-	31.7	31.4	32.1	31.6	-	28.8	28.4	29.3	28.7
237,8	Fur goods and miscellaneous apparel . . . . .	-	70.6	69.5	72.0	69.7	-	60.8	59.7	62.1	59.8
239	Misc. fabricated textile products . . . . .	177.7	175.7	175.6	170.7	170.3	149.6	148.1	148.1	143.8	143.7
2391,2	Housefurnishings . . . . .	-	71.3	71.7	70.2	69.6	-	61.3	61.9	60.6	59.8
26	<b>PAPER AND ALLIED PRODUCTS . . . . .</b>	724.6	711.3	708.9	706.3	691.9	562.6	550.9	548.6	546.1	532.4
261,2,6	Paper and pulp mills . . . . .	213.7	208.0	205.9	210.8	206.5	166.1	161.4	159.7	164.4	160.0
263	Paperboard mills . . . . .	71.8	70.9	71.0	72.2	70.7	57.9	57.0	56.8	57.8	56.4
264	Misc. converted paper products . . . . .	207.6	204.1	203.7	198.6	194.6	153.9	151.1	150.3	145.6	141.9
2643	Bags, except textile bags . . . . .	-	45.3	45.6	44.1	43.5	-	37.0	37.2	35.7	35.0
265	Paperboard containers and boxes . . . . .	231.5	228.3	228.3	224.7	220.1	184.7	181.4	181.8	178.3	174.1
2651,2	Folding and setup paperboard boxes . . . . .	-	60.7	60.5	62.0	60.6	-	49.9	49.8	50.9	49.3
2653	Corrugated and solid fiber boxes . . . . .	-	112.0	113.0	110.4	108.5	-	85.8	86.9	84.7	83.1
2654	Sanitary food containers . . . . .	-	32.9	32.5	31.1	30.6	-	27.1	26.8	25.5	25.1
27	<b>PRINTING AND PUBLISHING . . . . .</b>	1,099.9	1,092.0	1,095.4	1,079.7	1,074.8	662.2	659.8	662.8	656.1	655.0
271	Newspapers . . . . .	(*)	381.0	381.4	377.6	375.0	(*)	181.1	181.5	181.8	181.8
272	Periodicals . . . . .	-	67.9	67.6	67.3	67.3	-	20.1	20.2	19.9	20.1
273	Books . . . . .	-	100.4	101.7	99.0	99.6	-	54.7	56.0	55.4	56.2
275	Commercial printing . . . . .	346.3	346.1	347.4	343.4	343.5	263.3	264.6	265.3	262.0	262.6
2751	Commercial printing, ex. lithographic . . . . .	-	201.6	202.0	201.8	201.1	-	156.6	156.3	156.5	156.1
2752	Commercial printing, lithographic . . . . .	-	133.4	133.8	130.9	131.4	-	99.7	100.2	97.5	98.3
278	Blankbooks and bookbinding . . . . .	57.9	56.8	57.2	55.9	54.9	48.6	47.5	47.7	46.6	45.6
274,6,7,9	Other publishing & printing ind. . . . .	141.0	139.8	140.1	136.5	134.5	92.8	91.8	92.1	90.4	88.7
28	<b>CHEMICALS AND ALLIED PRODUCTS . . . . .</b>	1,036.0	1,021.0	1,021.1	1,009.4	998.5	603.4	595.1	595.0	586.6	579.0
281	Industrial chemicals . . . . .	(*)	304.1	303.2	304.7	301.6	(*)	164.7	164.1	166.2	164.2
2812	Alkalies and chlorine . . . . .	-	20.3	20.6	21.4	21.4	-	14.0	14.2	14.5	14.6
2818	Industrial organic chemicals, n e c . . . . .	-	124.4	123.5	122.9	121.4	-	54.2	53.4	55.3	54.6
2819	Industrial inorganic chemicals, n e c . . . . .	-	97.4	97.1	97.7	96.2	-	55.8	55.8	55.5	54.1
282	Plastics materials and synthetics . . . . .	(*)	225.5	224.6	218.1	215.8	(*)	155.0	154.0	148.9	147.1
2821	Plastics materials and resins . . . . .	-	93.1	92.6	90.2	89.2	-	58.4	58.1	56.5	55.8
2823,4	Synthetic fibers . . . . .	-	119.8	119.3	114.7	113.5	-	87.8	87.1	83.2	82.1
283	Drugs . . . . .	150.6	148.6	149.0	148.3	146.9	75.8	74.4	74.5	73.3	72.3
2834	Pharmaceutical preparations . . . . .	-	119.0	119.4	119.1	118.0	-	58.1	58.2	57.6	56.9
284	Soap, cleaners, and toilet goods . . . . .	126.0	123.7	123.5	123.7	119.4	71.4	70.2	70.1	70.5	66.8
2841	Soap and other detergents . . . . .	-	39.0	39.4	40.2	38.7	-	26.1	26.3	26.4	24.7
2844	Toilet preparations . . . . .	-	50.8	50.5	51.0	48.8	-	27.0	26.7	27.7	26.0
285	Paints and allied products . . . . .	71.8	70.1	69.9	70.4	68.9	40.3	39.0	38.7	39.2	37.9
287	Agricultural chemicals . . . . .	54.4	58.0	59.2	52.2	55.0	32.7	35.8	37.2	31.6	34.9
2871,2	Fertilizers, complete & mixing only . . . . .	-	40.9	42.0	35.8	38.6	-	27.7	28.7	24.0	27.1
286,9	Other chemical products . . . . .	91.9	91.0	91.7	92.0	90.9	56.4	56.0	56.4	56.9	55.8
2892	Explosives . . . . .	-	23.3	24.1	23.6	23.5	-	15.5	16.2	15.7	15.7
29	<b>PETROLEUM AND COAL PRODUCTS . . . . .</b>	188.0	181.4	180.8	193.7	190.2	119.6	114.9	113.7	120.4	117.1
291	Petroleum refining . . . . .	146.2	141.0	141.7	153.3	151.1	88.6	85.1	85.0	90.7	88.9
295,9	Other petroleum and coal products . . . . .	41.8	40.4	39.1	40.4	39.1	31.0	29.8	28.7	29.7	28.2

See footnotes at end of table.



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

(In thousands)

SIC Code	Industry	All employees					Production workers <sup>1</sup>				
		June 1973 <sup>P</sup>	May 1973 <sup>P</sup>	Apr. 1973	June 1972	May 1972	June 1973 <sup>P</sup>	May 1973 <sup>P</sup>	Apr. 1973	June 1972	May 1972
	<i>Nondurable Goods--Continued</i>										
30	<b>RUBBER AND PLASTICS PRODUCTS, N.E.C.</b>	684.4	673.6	677.0	632.3	617.9	538.5	529.9	533.2	493.5	480.4
301	Tires and inner tubes . . . . .	128.2	128.4	135.7	128.3	126.5	90.3	90.3	97.6	91.1	89.5
302,3,6	Other rubber products . . . . .	193.0	191.2	190.8	179.2	176.4	154.2	153.1	152.4	141.5	139.2
302	Rubber footwear . . . . .	-	27.2	27.3	25.6	25.4	-	23.7	23.7	21.9	21.7
307	Miscellaneous plastics products . . . . .	363.2	354.0	350.5	324.8	315.0	294.0	286.5	283.2	260.9	251.7
31	<b>LEATHER AND LEATHER PRODUCTS . . .</b>	304.1	298.0	295.7	314.7	307.1	261.8	255.4	253.1	270.8	264.1
311	Leather tanning and finishing . . . . .	24.1	23.5	23.5	26.8	26.2	20.8	20.1	20.2	23.2	22.8
314	Footwear, except rubber . . . . .	202.1	197.6	195.6	209.3	204.6	176.5	172.1	170.0	182.8	178.4
312,3,5-7,9	Other leather products . . . . .	77.9	76.9	76.6	78.6	76.3	64.5	63.2	62.9	64.8	62.9
316	Luggage . . . . .	-	17.6	17.1	17.2	16.6	-	13.6	13.2	13.1	12.8
317	Handbags and personal leather goods . . . . .	-	33.6	34.1	34.8	33.6	-	28.3	28.7	29.6	28.4
-	<b>TRANSPORTATION AND PUBLIC UTILITIES . . . . .</b>	4,670	4,592	4,559	4,549	4,481	4,027	3,953	3,924	3,933	3,870
40	<b>RAILROAD TRANSPORTATION . . . . .</b>	-	574.1	567.0	585.7	576.3	-	-	-	-	-
4011	Class I railroads <sup>2</sup> . . . . .	-	518.0	511.5	529.7	520.6	-	-	-	-	-
41	<b>LOCAL AND INTERURBAN PASSENGER TRANSIT . . . . .</b>	-	274.3	274.7	261.9	271.5	-	-	-	-	-
411	Local and suburban transportation . . . . .	-	67.5	68.1	69.5	69.6	-	63.4	63.6	65.1	65.1
412	Taxicabs . . . . .	-	98.3	99.7	98.8	99.4	-	-	-	-	-
413	Intercity highway transportation . . . . .	-	39.5	38.7	42.1	41.4	-	35.2	34.5	38.4	37.8
42	<b>TRUCKING AND WAREHOUSING . . . . .</b>	-	1,144.7	1,138.0	1,116.6	1,083.4	-	1,033.9	1,027.0	1,007.7	975.4
421,3	Trucking and trucking terminals . . . . .	-	1,058.3	1,050.7	1,036.2	1,002.7	-	958.8	951.1	939.3	906.9
422	Public warehousing . . . . .	-	86.4	87.3	80.4	80.7	-	75.1	75.9	68.4	68.5
45	<b>TRANSPORTATION BY AIR . . . . .</b>	-	360.6	360.3	346.6	342.9	-	-	-	-	-
451,2	Air transportation . . . . .	-	327.8	327.7	312.7	309.9	-	-	-	-	-
46	<b>PIPE LINE TRANSPORTATION . . . . .</b>	-	18.0	17.8	18.8	17.8	-	13.9	13.6	14.7	13.8
44,47	<b>OTHER TRANSPORTATION AND SERVICES</b>	-	319.9	312.7	326.4	329.9	-	-	-	-	-
44	<b>WATER TRANSPORTATION . . . . .</b>	-	212.1	205.3	218.9	223.4	-	-	-	-	-
47	<b>TRANSPORTATION SERVICES . . . . .</b>	-	107.8	107.4	107.5	106.5	-	-	-	-	-
48	<b>COMMUNICATION . . . . .</b>	-	1,165.2	1,159.1	1,160.4	1,146.6	-	897.3	892.3	904.3	893.4
481	Telephone communication . . . . .	-	977.8	971.8	974.7	963.2	-	761.3	756.4	766.7	757.9
482	Telegraph communication <sup>5</sup> . . . . .	-	25.1	25.2	25.5	25.7	-	17.0	16.9	17.3	17.4
483	Radio and television broadcasting . . . . .	-	132.8	133.0	135.1	133.0	-	106.2	106.5	109.4	107.5
49	<b>ELECTRIC, GAS, AND SANITARY SERVICES</b>	-	735.6	729.6	732.4	712.2	-	625.8	620.4	626.6	607.8
491	Electric companies and systems . . . . .	-	318.2	314.6	312.0	304.8	-	269.9	266.8	266.7	260.0
492	Gas companies and systems . . . . .	-	164.4	163.3	167.1	161.8	-	138.6	137.6	141.9	137.2
493	Combination companies and systems . . . . .	-	194.3	193.7	195.0	189.4	-	166.1	165.8	166.8	161.4
494-7	Water, steam, & sanitary systems . . . . .	-	58.7	58.0	58.3	56.2	-	51.2	50.2	51.2	49.2
-	<b>WHOLESALE AND RETAIL TRADE . . . . .</b>	16,324	16,187	16,088	15,749	15,570	14,494	14,369	14,275	13,987	13,823
50	<b>WHOLESALE TRADE . . . . .</b>	4,079	4,012	4,000	3,946	3,875	3,416	3,349	3,340	3,306	3,240
501	Motor vehicles and automotive equipment . . . . .	-	369.2	365.0	352.3	345.2	-	297.8	295.6	285.3	279.0
502	Drugs, chemicals, and allied products . . . . .	-	228.8	228.7	227.3	225.3	-	185.1	185.0	184.5	182.7
503	Dry goods and apparel . . . . .	-	162.0	161.8	158.3	155.7	-	126.2	125.9	124.7	121.9
504	Groceries and related products . . . . .	-	570.3	568.7	580.9	557.9	-	498.8	497.4	510.3	487.7
506	Electrical goods . . . . .	-	330.5	330.8	328.9	325.1	-	282.9	283.1	281.1	277.9
507	Hardware, plumbing & heating equipment . . . . .	-	183.4	181.7	179.8	176.5	-	155.5	154.0	152.9	150.1
508	Machinery, equipment, and supplies . . . . .	-	776.8	772.7	748.1	738.6	-	649.9	646.5	628.2	620.4
509	Miscellaneous wholesalers . . . . .	-	1,295.7	1,293.4	1,269.7	1,252.9	-	1,075.5	1,073.7	1,055.9	1,040.2
52-59	<b>RETAIL TRADE . . . . .</b>	12,245	12,175	12,088	11,803	11,695	11,078	11,020	10,935	10,681	10,583
53	<b>RETAIL GENERAL MERCHANDISE . . . . .</b>	-	2,457.4	2,442.6	2,349.5	2,347.8	-	2,256.9	2,242.9	2,152.8	2,151.5
531	Department stores . . . . .	-	1,619.5	1,606.4	1,539.5	1,531.7	-	1,489.4	1,477.7	1,415.2	1,408.2
532	Mail order houses . . . . .	-	121.1	121.8	117.2	118.9	-	113.4	114.2	109.0	110.5
533	Variety stores . . . . .	-	331.5	332.1	318.5	323.7	-	310.9	311.0	293.9	298.8
54	<b>FOOD STORES . . . . .</b>	-	1,880.3	1,877.9	1,828.1	1,823.2	-	1,746.6	1,744.2	1,697.5	1,692.7
541-3	Grocery, meat, and vegetable stores . . . . .	-	1,702.0	1,697.5	1,651.2	1,647.1	-	1,580.6	1,576.1	1,532.3	1,528.2

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>				
		June 1973 <sup>p</sup>	May 1973 <sup>p</sup>	Apr. 1973	June 1972	May 1972	June 1973 <sup>p</sup>	May 1973 <sup>p</sup>	Apr. 1973	June 1972	May 1972
-	<b>WHOLESALE AND RETAIL TRADE (Continued)</b>										
56	APPAREL AND ACCESSORY STORES . . .	-	751.8	760.9	739.5	735.8	-	668.1	676.5	657.0	653.0
561	Men's & boys' clothing & furnishings . . .	-	129.0	129.8	129.7	128.2	-	114.2	114.8	115.0	113.4
562	Women's ready-to-wear stores . . .	-	291.6	292.6	282.4	282.4	-	261.0	261.8	253.3	253.6
565	Family clothing stores . . .	-	101.9	102.3	102.4	101.1	-	95.1	95.6	95.0	93.6
566	Shoe stores . . .	-	154.7	160.1	153.1	151.3	-	131.7	136.6	129.9	127.9
57	FURNITURE AND HOME FURNISHINGS STORES	-	483.3	485.7	470.3	466.1	-	419.0	420.9	408.1	403.7
571	Furniture and home furnishings . . .	-	305.1	307.5	296.7	293.6	-	264.5	266.4	256.6	253.5
58	EATING AND DRINKING PLACES . . .	-	2,868.1	2,821.3	2,772.6	2,726.1	-	2,691.8	2,645.9	2,602.8	2,560.5
52,55,59	OTHER RETAIL TRADE . . .	-	3,734.2	3,699.2	3,642.7	3,595.5	-	3,237.2	3,204.3	3,163.1	3,121.9
52	Building materials and farm equipment . . .	-	605.3	597.8	601.5	580.1	-	521.3	514.2	520.1	499.0
55	Automotive dealers & service stations . . .	-	1,748.0	1,739.2	1,718.6	1,688.4	-	-	-	-	-
551,2	Motor vehicle dealers . . .	-	817.1	815.2	797.8	790.5	-	686.7	684.4	669.7	663.5
553,9	Other automotive & accessory dealers . . .	-	285.5	279.1	272.5	265.7	-	242.4	236.9	232.3	225.9
554	Gasoline service stations . . .	-	645.4	644.9	648.3	632.2	-	-	-	-	-
59	Miscellaneous retail stores . . .	-	1,380.9	1,362.2	1,322.6	1,327.0	-	-	-	-	-
591	Drug stores and proprietary stores . . .	-	478.5	476.5	471.9	469.4	-	430.9	430.2	423.9	422.3
594	Book and stationery stores . . .	-	66.7	66.9	63.9	64.2	-	57.6	57.9	54.5	55.2
596	Farm and garden supply stores . . .	-	128.9	131.0	117.2	120.9	-	-	-	-	-
598	Fuel and ice dealers . . .	-	100.3	103.0	99.6	100.2	-	85.8	88.2	85.3	85.8
-	<b>FINANCE, INSURANCE, AND REAL ESTATE<sup>4</sup></b>	4,081	4,040	4,019	3,966	3,909	3,172	3,138	3,123	3,111	3,059
60	Banking . . .	-	1,149.5	1,143.5	1,109.8	1,093.2	-	925.1	920.7	899.9	884.5
61	Credit agencies other than banks . . .	-	420.3	418.5	391.9	385.6	-	325.9	325.0	304.8	299.2
612	Savings and loan associations . . .	-	143.8	142.6	128.8	125.8	-	116.1	115.4	104.3	101.4
614	Personal credit institutions . . .	-	203.1	202.5	191.4	189.2	-	-	-	-	-
62	Security, commodity brokers & services . . .	-	192.6	195.6	200.9	200.1	-	160.9	163.9	169.8	169.2
63	Insurance carriers . . .	-	1,129.0	1,127.3	1,105.8	1,098.1	-	769.5	770.6	762.0	756.0
631	Life insurance . . .	-	572.0	572.6	568.6	565.8	-	329.4	330.8	332.6	330.9
632	Accident and health insurance . . .	-	102.6	102.4	99.5	99.0	-	86.1	86.0	84.9	84.3
633	Fire, marine, and casualty insurance . . .	-	396.3	394.6	382.7	379.8	-	304.9	305.0	298.2	295.9
64	Insurance agents, brokers, and service . . .	-	298.3	296.1	290.5	287.5	-	-	-	-	-
65	Real estate . . .	-	756.3	744.5	745.0	753.2	-	-	-	-	-
655	Subdividers and developers . . .	-	133.5	123.4	137.5	130.8	-	-	-	-	-
656	Operative builders . . .	-	55.2	54.8	62.3	59.0	-	-	-	-	-
66,67	Other finance, insurance, & real estate . . .	-	94.1	93.2	92.2	91.4	-	-	-	-	-
-	<b>SERVICES</b>	13,005	12,864	12,771	12,487	12,338	11,784	11,644	11,567	11,312	11,174
70	Hotels and other lodging places . . .	-	873.6	844.0	899.6	834.7	-	-	-	-	-
701	Hotels, tourist courts, and motels . . .	-	743.4	717.8	756.4	710.8	-	688.5	665.2	702.5	658.2
72	Personal services . . .	-	900.7	899.5	925.8	919.6	-	-	-	-	-
721	Laundries and dry cleaning plants . . .	-	421.3	420.3	446.9	443.7	-	382.5	381.3	405.5	401.6
722	Photographic studios . . .	-	40.2	40.5	39.6	40.7	-	35.6	35.8	35.3	36.5
73	Miscellaneous business services . . .	-	1,771.0	1,760.9	1,660.7	1,643.0	-	-	-	-	-
731	Advertising . . .	-	116.7	116.8	116.3	115.3	-	-	-	-	-
732	Credit reporting and collection . . .	-	83.9	83.5	79.3	79.2	-	-	-	-	-
734	Services to buildings . . .	-	345.3	343.4	323.9	317.8	-	-	-	-	-
76	Miscellaneous repair services . . .	-	193.9	191.8	186.3	182.4	-	-	-	-	-
78	Motion pictures . . .	-	188.1	186.6	200.5	194.3	-	-	-	-	-
781	Motion picture filming & distributing . . .	-	44.6	45.1	51.7	50.7	-	31.2	31.4	33.4	31.7
782,3	Motion picture theaters and services . . .	-	143.5	141.5	148.8	143.6	-	-	-	-	-
80	Medical and other health services . . .	-	3,625.6	3,611.1	3,453.1	3,416.1	-	-	-	-	-
806	Hospitals . . .	-	2,075.2	2,071.0	2,021.3	2,010.3	-	1,897.2	1,892.9	1,849.1	1,839.0
81	Legal services . . .	-	275.1	272.4	266.8	253.4	-	-	-	-	-
82	Educational services . . .	-	1,246.6	1,257.2	1,112.4	1,208.9	-	-	-	-	-
821	Elementary and secondary schools . . .	-	419.4	420.7	391.6	404.5	-	-	-	-	-
822	Colleges and universities . . .	-	675.5	683.7	586.3	665.5	-	-	-	-	-
89	Miscellaneous services . . .	-	737.8	741.0	704.2	690.3	-	-	-	-	-
891	Engineering & architectural services . . .	-	342.9	338.7	323.8	313.5	-	-	-	-	-
892	Nonprofit research agencies . . .	-	115.8	115.8	112.2	111.0	-	-	-	-	-

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>				
		June 1973 <sup>P</sup>	May 1973 <sup>P</sup>	Apr. 1973	June 1972	May 1972	June 1973 <sup>P</sup>	May 1973 <sup>P</sup>	Apr. 1973	June 1972	May 1972
-	<b>GOVERNMENT</b> .....	13,739	13,810	13,793	13,311	13,430	-	-	-	-	-
91	<b>FEDERAL GOVERNMENT</b> <sup>5</sup> .....	2,642	2,638	2,631	2,659	2,662	-	-	-	-	-
	Executive .....	-	2,594.8	2,588.0	2,617.6	2,621.1	-	-	-	-	-
	Department of Defense .....	-	964.2	963.0	988.4	987.9	-	-	-	-	-
	Postal Service .....	-	672.0	669.9	694.2	698.8	-	-	-	-	-
	Other agencies .....	-	958.6	955.1	935.0	934.4	-	-	-	-	-
	Legislative .....	-	34.3	33.8	33.6	32.7	-	-	-	-	-
	Judicial .....	-	8.7	8.7	8.2	8.2	-	-	-	-	-
92,93	<b>STATE AND LOCAL GOVERNMENT</b> ...	11,097	11,172	11,162	10,652	10,768	-	-	-	-	-
92	State government .....	-	2,971.4	2,971.0	2,801.3	2,903.5	-	-	-	-	-
	State education .....	-	1,285.3	1,291.7	1,113.7	1,258.0	-	-	-	-	-
	Other State government .....	-	1,686.1	1,679.3	1,687.6	1,645.5	-	-	-	-	-
93	Local government .....	-	8,200.5	8,191.2	7,850.7	7,864.4	-	-	-	-	-
	Local education .....	-	4,766.3	4,781.7	4,376.5	4,525.9	-	-	-	-	-
	Other local government .....	-	3,434.2	3,409.5	3,474.2	3,338.5	-	-	-	-	-

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

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

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

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

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

- Not available.

p=preliminary.

ESTABLISHMENT DATA  
SEASONALLY ADJUSTED EMPLOYMENT

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

1967 = 100

Year and month	Total	Goods-producing				Service-producing									
		Total	Mining	Contract construction	Manufacturing	Total	Transportation and public utilities	Wholesale and retail trade			Finance, insurance, and real estate	Services	Government		
								Total	Wholesale trade	Retail trade			Total	Federal	State and local
1919 ...	41.1	55.1	184.8	31.8	54.8	33.5	87.1	33.2	-	-	34.4	22.4	23.5	-	-
1920 ...	41.5	54.8	202.1	26.4	54.8	34.3	93.8	32.8	-	-	36.4	23.4	22.8	-	-
1921 ...	37.0	44.0	156.9	31.5	42.5	33.2	81.2	33.7	-	-	36.1	23.9	22.2	-	-
1922 ...	39.2	48.3	151.5	36.9	46.9	34.3	82.3	36.0	-	-	35.5	24.8	22.3	-	-
1923 ...	43.1	54.8	197.7	38.3	53.0	36.8	91.1	38.9	-	-	36.9	26.6	22.9	-	-
1924 ...	42.6	52.0	179.6	41.2	49.7	37.4	89.3	39.7	-	-	38.2	27.5	23.9	-	-
1925 ...	43.7	53.6	177.7	45.1	51.1	38.3	89.8	41.0	-	-	38.2	28.4	24.6	-	-
1926 ...	45.3	55.4	193.3	48.5	52.2	39.7	92.5	42.5	-	-	40.5	30.2	25.0	-	-
1927 ...	45.5	54.7	181.7	50.1	51.4	40.5	91.4	43.4	-	-	42.4	31.4	25.6	-	-
1928 ...	45.6	54.2	171.3	50.1	51.1	40.8	89.8	43.2	-	-	44.5	32.3	26.3	-	-
1929 ...	47.6	57.1	177.3	46.7	55.0	42.4	91.9	45.0	-	-	46.8	34.1	26.9	19.6	29.2
1930 ...	44.7	51.3	164.6	42.8	49.2	41.0	86.5	42.6	-	-	45.7	33.4	27.6	19.3	30.2
1931 ...	40.5	44.1	142.4	37.8	42.0	38.5	76.4	38.8	-	-	43.6	31.5	28.6	20.6	31.2
1932 ...	35.9	37.1	119.2	30.2	35.6	35.2	66.1	34.4	-	-	41.6	29.0	28.3	20.6	30.7
1933 ...	36.0	38.5	121.4	25.2	38.0	34.7	62.7	34.9	-	-	40.2	28.4	27.8	20.8	30.0
1934 ...	39.4	44.0	144.0	26.9	43.7	36.9	64.5	38.8	-	-	40.9	30.3	28.9	24.0	30.5
1935 ...	41.1	46.8	146.3	28.4	46.6	38.0	65.4	39.9	-	-	41.4	31.1	30.5	27.7	31.4
1936 ...	44.2	51.2	154.3	35.7	50.5	40.3	69.8	42.7	-	-	43.0	32.9	32.2	30.4	32.7
1937 ...	47.1	55.5	165.6	34.7	55.5	42.5	73.6	46.0	-	-	44.4	34.8	33.0	30.6	33.7
1938 ...	44.4	48.9	145.4	32.9	48.5	41.8	67.2	45.4	-	-	44.2	34.4	34.1	30.5	35.2
1939 ...	46.5	52.8	139.3	35.8	52.9	43.1	68.9	47.2	47.8	47.0	45.3	34.8	35.1	33.3	35.6
1940 ...	49.2	56.7	150.9	40.3	56.5	45.0	71.3	49.6	49.8	49.6	46.6	36.4	36.9	36.6	36.9
1941 ...	55.5	68.5	156.1	55.8	67.8	48.4	76.8	53.0	53.1	53.0	48.0	38.8	40.9	49.3	38.3
1942 ...	60.9	79.3	161.8	67.6	78.6	50.9	81.2	52.3	51.7	52.5	47.7	40.4	48.1	81.4	37.7
1943 ...	64.5	86.4	150.9	48.8	90.5	52.5	85.6	51.3	49.4	52.0	46.6	41.1	53.3	106.8	36.6
1944 ...	63.6	83.0	145.5	34.1	89.1	53.0	89.9	51.9	50.0	52.5	45.8	41.2	53.0	107.7	35.9
1945 ...	61.3	75.2	136.4	35.3	79.8	53.8	91.7	53.8	52.8	54.1	46.4	42.0	52.1	103.3	36.1
1946 ...	63.3	74.0	140.6	51.8	75.6	57.4	95.3	61.6	62.1	61.4	52.6	46.7	49.1	82.9	38.5
1947 ...	66.6	79.4	155.8	61.8	79.9	59.6	97.8	65.8	67.0	65.4	54.4	50.0	48.0	69.6	41.3
1948 ...	68.2	80.6	162.2	67.6	80.1	61.4	98.3	68.1	70.6	67.3	56.7	51.5	49.6	68.5	43.6
1949 ...	66.5	75.4	151.7	67.5	74.3	61.6	93.9	68.1	70.6	67.2	57.6	52.1	51.4	70.2	45.5
1950 ...	68.7	79.4	147.0	72.7	78.4	62.8	94.7	69.0	71.4	68.1	59.5	53.3	52.9	70.9	47.2
1951 ...	72.7	85.6	151.5	81.1	84.3	65.6	99.2	71.6	73.9	70.8	61.7	55.2	56.1	84.7	47.1
1952 ...	74.1	86.7	146.5	82.1	85.5	67.3	99.7	73.5	76.2	72.6	64.2	56.7	58.0	89.0	48.3
1953 ...	76.3	90.4	141.3	81.8	90.2	68.6	100.7	75.3	77.4	74.6	66.5	58.1	58.3	84.8	50.0
1954 ...	74.4	84.7	129.0	81.4	83.9	68.8	95.8	75.2	77.7	74.4	69.3	59.4	59.2	80.5	52.6
1955 ...	76.9	88.0	129.2	87.3	86.8	70.9	97.2	77.4	79.3	76.8	72.4	62.1	60.7	80.4	54.5
1956 ...	79.6	90.5	134.1	93.5	88.7	73.6	99.6	79.8	81.8	79.1	75.3	64.7	63.8	81.2	58.4
1957 ...	80.3	89.9	135.1	91.1	88.3	75.1	99.5	80.0	82.1	79.3	76.8	66.8	66.8	81.5	62.2
1958 ...	78.0	83.7	122.5	86.6	82.0	74.9	93.3	79.0	80.8	78.4	78.1	67.4	68.8	80.6	65.1
1959 ...	81.0	87.5	119.4	92.3	85.7	77.4	94.1	81.8	83.6	81.2	80.4	70.6	70.9	82.1	67.4
1960 ...	82.4	87.6	116.2	89.9	86.4	79.5	94.0	83.7	85.2	83.2	82.8	73.5	73.3	83.5	70.1
1961 ...	82.1	85.2	109.6	87.8	84.0	80.4	91.6	83.3	84.9	82.8	84.7	75.9	75.4	83.8	72.8
1962 ...	84.4	87.7	106.0	90.5	86.7	82.6	91.7	85.0	86.7	84.4	86.8	79.5	78.0	86.1	75.5
1963 ...	86.1	88.5	103.6	92.4	87.4	84.8	91.6	86.6	88.1	86.1	89.2	82.4	80.9	86.7	79.1
1964 ...	88.6	90.1	103.4	95.1	88.8	87.8	92.7	89.4	90.5	89.0	91.7	86.2	84.2	86.4	83.5
1965 ...	92.3	94.0	103.1	99.3	92.9	91.4	94.7	93.5	94.0	93.3	93.7	90.0	88.4	87.5	88.7
1966 ...	97.1	99.3	102.3	102.1	98.8	95.9	97.4	97.3	97.5	97.3	96.1	94.6	94.7	94.3	94.8
1967 ...	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
1968 ...	103.1	101.7	98.9	102.4	101.7	103.9	101.1	103.5	102.4	103.9	104.9	105.2	103.9	100.7	105.0
1969 ...	106.7	104.1	101.0	107.1	103.7	108.2	103.9	107.6	105.9	108.2	110.5	111.2	107.1	101.4	108.8
1970 ...	107.2	100.4	101.6	105.4	99.5	110.9	105.4	109.6	108.1	110.1	114.4	115.0	110.0	99.5	113.3
1971 ...	107.3	96.9	98.2	106.3	95.3	112.9	104.2	111.3	108.1	112.4	117.7	117.5	112.8	98.0	117.4
1972 ...	110.5	99.1	99.0	109.8	97.4	116.7	105.5	115.3	111.1	116.7	121.8	121.9	116.6	97.5	122.6
1972: June	110.4	99.2	98.0	110.3	97.3	116.5	105.3	115.2	111.3	116.6	121.8	121.9	116.0	96.7	122.0
July	110.4	98.8	98.0	109.1	97.2	116.7	105.1	115.3	111.1	116.7	121.8	122.2	116.4	96.0	122.8
Aug.	110.9	99.4	98.4	110.5	97.6	117.2	105.3	115.8	111.7	117.3	122.2	122.6	116.9	96.6	123.3
Sept.	111.3	99.8	98.9	110.7	98.0	117.5	105.8	116.1	111.9	117.5	122.6	122.8	117.5	97.1	123.9
Oct.	111.7	100.5	99.2	111.0	98.8	117.9	106.5	116.4	112.3	117.9	123.1	123.3	117.7	97.3	124.1
Nov.	112.1	100.8	99.2	109.9	99.3	118.3	106.8	116.9	112.4	118.5	123.4	123.7	118.1	97.5	124.5
Dec.	112.4	100.9	99.0	107.8	99.8	118.7	107.0	117.2	112.6	118.8	123.8	124.1	118.5	97.5	125.0
1973: Jan.	112.8	101.3	99.5	109.0	100.1	119.0	107.3	117.7	113.5	119.2	123.9	125.0	118.3	97.1	124.9
Feb.	113.5	102.3	99.8	112.0	100.7	119.6	107.5	118.4	114.1	119.9	124.5	125.6	118.8	97.0	125.6
Mar.	113.8	102.5	99.5	112.3	101.0	119.9	107.5	118.8	114.3	120.4	124.8	125.9	119.1	96.8	126.1
Apr.	114.0	102.7	99.2	111.3	101.4	120.2	107.7	119.2	114.7	120.8	125.0	126.2	119.4	96.7	126.6
May	114.3	103.1	99.3	112.4	101.6	120.4	107.8	119.4	114.7	121.0	125.4	126.5	119.6	97.1	126.7
June	114.6	103.5	99.8	113.8	101.9	120.6	108.1	119.4	115.0	121.0	125.3	127.0	119.8	96.5	127.1

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, seasonally adjusted**

(In thousands)

Industry division and group	1973						1972						
	June <sup>p</sup>	May <sup>p</sup>	Apr.	Mar.	Feb.	Jan.	Dec.	Nov.	Oct.	Sept.	Aug.	July	June
<b>TOTAL</b> .....	75,464	75,269	75,105	74,914	74,715	74,252	74,002	73,835	73,584	73,268	73,016	72,694	72,705
<b>GOODS-PRODUCING</b> .....	24,086	23,978	23,906	23,857	23,792	23,571	23,468	23,444	23,379	23,226	23,122	22,993	23,072
<b>MINING</b> .....	612	609	608	610	612	610	607	608	608	606	603	601	601
<b>CONTRACT CONSTRUCTION</b> .....	3,652	3,606	3,571	3,604	3,594	3,498	3,459	3,524	3,561	3,551	3,544	3,499	3,540
<b>MANUFACTURING</b> .....	19,822	19,763	19,727	19,643	19,586	19,463	19,402	19,312	19,210	19,069	18,975	18,893	18,931
<b>DURABLE GOODS</b> .....	11,635	11,591	11,534	11,463	11,421	11,326	11,270	11,194	11,112	11,003	10,933	10,867	10,857
Ordnance and accessories .....	191	192	195	197	198	197	196	196	191	187	191	190	188
Lumber and wood products .....	629	631	631	630	628	624	623	621	616	614	614	613	611
Furniture and fixtures .....	522	521	520	517	514	511	508	505	503	499	497	495	490
Stone, clay, and glass products .....	686	692	687	687	682	674	673	673	671	665	663	662	661
Primary metal industries .....	1,299	1,298	1,288	1,280	1,286	1,284	1,286	1,278	1,274	1,263	1,241	1,219	1,224
Fabricated metal products .....	1,455	1,454	1,448	1,436	1,432	1,419	1,407	1,400	1,393	1,381	1,377	1,371	1,372
Machinery, except electrical .....	2,032	2,019	2,006	1,990	1,973	1,965	1,950	1,932	1,909	1,885	1,872	1,859	1,858
Electrical equipment .....	2,009	1,983	1,970	1,957	1,945	1,925	1,908	1,888	1,878	1,849	1,834	1,828	1,830
Transportation equipment .....	1,889	1,874	1,869	1,846	1,845	1,817	1,814	1,800	1,782	1,772	1,757	1,751	1,740
Instruments and related products .....	488	489	481	484	481	477	472	470	466	462	460	456	457
Miscellaneous manufacturing .....	435	438	439	439	437	433	433	431	429	426	427	423	426
<b>NONDURABLE GOODS</b> .....	8,187	8,172	8,193	8,180	8,165	8,137	8,132	8,118	8,098	8,066	8,042	8,026	8,074
Food and kindred products .....	1,734	1,733	1,746	1,748	1,751	1,749	1,744	1,743	1,746	1,746	1,740	1,754	1,771
Tobacco manufactures .....	77	76	76	76	73	72	72	70	68	67	70	75	74
Textile mill products .....	1,022	1,021	1,023	1,023	1,023	1,014	1,015	1,008	1,003	995	994	990	990
Apparel and other textile products .....	1,348	1,350	1,357	1,350	1,349	1,337	1,345	1,347	1,343	1,339	1,335	1,312	1,332
Paper and allied products .....	716	719	712	715	711	708	707	706	706	701	700	698	698
Printing and publishing .....	1,100	1,095	1,096	1,094	1,092	1,093	1,090	1,088	1,085	1,083	1,080	1,077	1,080
Chemicals and allied products .....	1,028	1,023	1,021	1,018	1,014	1,016	1,014	1,013	1,010	1,007	998	997	1,001
Petroleum and coal products .....	184	181	183	186	185	189	189	189	189	189	189	189	190
Rubber and plastics products, nec .....	680	676	680	674	672	664	657	652	644	634	630	628	629
Leather and leather products .....	298	298	299	296	295	295	299	302	304	305	306	306	309
<b>SERVICE-PRODUCING</b> .....	51,378	51,291	51,199	51,057	50,923	50,681	50,534	50,391	50,205	50,042	49,894	49,701	49,633
<b>TRANSPORTATION AND PUBLIC UTILITIES</b> .....	4,606	4,592	4,591	4,580	4,580	4,574	4,558	4,549	4,540	4,507	4,487	4,477	4,486
<b>WHOLESALE AND RETAIL TRADE</b> .....	16,251	16,243	16,217	16,163	16,114	16,013	15,946	15,911	15,839	15,794	15,762	15,685	15,678
<b>WHOLESALE TRADE</b> .....	4,055	4,044	4,044	4,029	4,022	4,001	3,970	3,963	3,958	3,946	3,939	3,917	3,922
<b>RETAIL TRADE</b> .....	12,196	12,199	12,173	12,134	12,092	12,012	11,976	11,948	11,881	11,848	11,823	11,768	11,756
<b>FINANCE, INSURANCE, AND REAL ESTATE</b> .....	4,041	4,044	4,031	4,024	4,014	3,995	3,991	3,981	3,969	3,953	3,940	3,927	3,927
<b>SERVICES</b> .....	12,825	12,775	12,746	12,716	12,682	12,621	12,537	12,497	12,451	12,403	12,382	12,341	12,315
Hotels and other lodging places .....	-	877	865	867	872	861	867	868	860	864	861	853	855
Personal services .....	-	895	901	904	903	905	907	908	909	911	911	912	912
Medical and other health services .....	-	3,637	3,622	3,601	3,580	3,556	3,532	3,513	3,495	3,478	3,462	3,443	3,433
Educational services .....	-	1,195	1,196	1,193	1,191	1,179	1,188	1,187	1,184	1,186	1,171	1,158	1,162
<b>GOVERNMENT</b> .....	13,655	13,637	13,614	13,574	13,533	13,478	13,502	13,453	13,406	13,385	13,323	13,271	13,227
<b>FEDERAL</b> .....	2,624	2,641	2,628	2,631	2,628	2,634	2,650	2,644	2,639	2,633	2,624	2,613	2,639
<b>STATE AND LOCAL</b> .....	11,031	10,996	10,986	10,943	10,905	10,844	10,852	10,809	10,767	10,752	10,699	10,658	10,588

p - preliminary.

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

78

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

Industry division and group	1973						1972						
	June <sup>p</sup>	May <sup>p</sup>	Apr.	Mar.	Feb.	Jan.	Dec.	Nov.	Oct.	Sept.	Aug.	July	June
<b>TOTAL</b> .....	51,189	51,056	50,947	50,830	50,708	50,316	50,105	50,021	49,839	49,581	49,412	49,169	49,228
<b>GOODS-PRODUCING</b> .....	18,059	17,981	17,920	17,890	17,827	17,624	17,555	17,539	17,486	17,350	17,268	17,150	17,219
<b>MINING</b> .....	464	462	461	462	464	462	458	459	460	458	456	455	453
<b>CONTRACT CONSTRUCTION</b> .....	3,018	2,972	2,938	2,977	2,961	2,867	2,841	2,905	2,944	2,936	2,928	2,887	2,925
<b>MANUFACTURING</b> .....	14,577	14,547	14,521	14,451	14,402	14,295	14,256	14,175	14,082	13,956	13,884	13,808	13,841
<b>DURABLE GOODS</b> .....	8,552	8,527	8,483	8,425	8,386	8,307	8,266	8,200	8,124	8,027	7,972	7,907	7,896
Ordnance and accessories .....	96	99	101	102	103	102	102	102	96	93	97	96	94
Lumber and wood products .....	542	544	544	543	543	539	538	535	531	529	529	528	526
Furniture and fixtures .....	432	430	430	428	426	424	421	419	416	413	411	409	405
Stone, clay, and glass products .....	548	555	550	550	547	539	538	539	537	530	530	529	527
Primary metal industries .....	1,041	1,044	1,033	1,027	1,033	1,031	1,033	1,025	1,023	1,013	992	969	976
Fabricated metal products .....	1,123	1,123	1,118	1,108	1,104	1,091	1,082	1,075	1,069	1,059	1,056	1,049	1,052
Machinery, except electrical .....	1,372	1,366	1,356	1,343	1,328	1,324	1,314	1,298	1,277	1,252	1,246	1,234	1,231
Electrical equipment .....	1,391	1,370	1,361	1,349	1,337	1,316	1,306	1,288	1,278	1,251	1,240	1,234	1,236
Transportation equipment .....	1,367	1,350	1,351	1,334	1,327	1,310	1,305	1,294	1,278	1,273	1,260	1,253	1,242
Instruments and related products .....	300	303	296	298	295	292	289	287	284	281	279	276	276
Miscellaneous manufacturing .....	340	343	343	343	343	339	338	338	335	333	332	330	331
<b>NONDURABLE GOODS</b> .....	6,025	6,020	6,038	6,026	6,016	5,988	5,990	5,975	5,958	5,929	5,912	5,901	5,945
Food and kindred products .....	1,168	1,167	1,178	1,181	1,184	1,181	1,175	1,171	1,175	1,174	1,168	1,186	1,201
Tobacco manufactures .....	64	63	63	63	61	59	59	57	55	54	57	62	62
Textile mill products .....	898	899	900	900	902	893	894	887	882	875	874	870	870
Apparel and other textile products .....	1,173	1,175	1,182	1,174	1,173	1,161	1,172	1,176	1,171	1,168	1,164	1,142	1,163
Paper and allied products .....	555	557	552	554	552	548	547	546	545	541	540	539	539
Printing and publishing .....	663	662	663	661	661	662	660	659	659	658	657	655	657
Chemicals and allied products .....	597	596	593	592	587	590	590	589	587	585	580	579	580
Petroleum and coal products .....	116	115	115	117	115	119	119	119	118	117	117	116	117
Rubber and plastics products, nec .....	535	531	536	531	529	522	517	513	505	495	492	489	491
Leather and leather products .....	256	255	256	253	252	253	257	258	261	262	263	263	265
<b>SERVICE-PRODUCING</b> .....	33,130	33,075	33,027	32,940	32,881	32,692	32,550	32,482	32,353	32,231	32,144	32,019	32,009
<b>TRANSPORTATION AND PUBLIC UTILITIES</b> .....	3,971	3,957	3,952	3,945	3,949	3,947	3,937	3,930	3,922	3,885	3,871	3,865	3,879
<b>WHOLESALE AND RETAIL TRADE</b> .....	14,415	14,425	14,404	14,362	14,320	14,211	14,157	14,137	14,067	14,025	13,983	13,919	13,911
<b>WHOLESALE TRADE</b> .....	3,392	3,383	3,381	3,372	3,363	3,350	3,324	3,319	3,315	3,301	3,296	3,280	3,283
<b>RETAIL TRADE</b> .....	11,023	11,042	11,023	10,990	10,957	10,861	10,833	10,818	10,752	10,724	10,687	10,639	10,628
<b>FINANCE, INSURANCE, AND REAL ESTATE</b> .....	3,134	3,141	3,139	3,134	3,127	3,111	3,111	3,106	3,097	3,090	3,083	3,069	3,074
<b>SERVICES</b> .....	11,610	11,552	11,532	11,499	11,485	11,423	11,345	11,309	11,267	11,231	11,207	11,166	11,145

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

**ESTABLISHMENT DATA  
STATE AND AREA EMPLOYMENT**

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

(In thousands)

	State and area	TOTAL			Mining			Contract construction			Manufacturing		
		May 1973 <sup>P</sup>	Apr. 1973	May 1972	May 1973 <sup>P</sup>	Apr. 1973	May 1972	May 1973 <sup>P</sup>	Apr. 1973	May 1972	May 1973 <sup>P</sup>	Apr. 1973	May 1972
1	ALABAMA	1,093.8	1,086.0	1,062.5	8.3	8.2	8.3	59.9	56.5	57.1	333.7	332.0	325.1
2	Birmingham	281.1	279.6	272.8	5.5	5.5	5.2	17.4	16.8	17.2	70.0	69.6	68.3
3	Huntsville	81.1	81.4	81.3	(1)	(1)	(1)	2.5	2.5	2.4	14.6	14.6	14.0
4	Mobile	107.9	107.4	106.5	(1)	(1)	(1)	6.7	6.7	6.6	24.9	24.6	23.7
5	Montgomery	74.6	74.2	72.8	(1)	(1)	(1)	5.8	5.7	5.8	11.2	11.1	10.7
6	Tuscaloosa	44.3	45.6	41.8	(1)	(1)	(1)	3.2	3.0	2.9	11.0	12.2	11.1
7	ALASKA	108.6	103.9	102.2	2.1	2.1	2.5	7.7	6.2	7.3	9.4	8.0	8.3
8	ARIZONA	696.9	694.6	638.2	24.0	23.8	21.9	62.8	61.4	53.7	106.5	105.7	96.7
9	Phoenix	416.2	415.7	379.5	.4	.4	.3	35.9	35.3	31.6	81.5	80.8	73.9
10	Tucson	136.3	136.4	124.6	7.6	7.6	6.9	13.2	13.1	11.9	11.5	11.5	9.9
11	ARKANSAS	611.6	608.4	581.8	4.2	4.3	4.4	33.0	33.0	31.2	196.3	195.5	183.1
12	Fayetteville	29.9	29.7	29.0	(1)	(1)	(1)	1.4	1.3	1.4	8.1	8.1	8.0
13	Fort Smith	52.5	52.3	50.7	.4	.4	.4	2.2	2.2	2.2	19.9	19.7	18.9
14	Little Rock—North Little Rock	138.7	138.0	136.0	(1)	(1)	(1)	8.3	8.1	10.1	30.0	29.9	27.9
15	Pine Bluff	25.5	25.5	24.9	(1)	(1)	(1)	1.0	1.0	1.0	6.3	6.2	5.7
16	CALIFORNIA	7,466.9	7,423.0	7,200.9	30.3	29.9	29.1	327.5	317.8	309.3	1,592.0	1,583.5	1,514.9
17	Anaheim—Santa Ana—Garden Grove	491.5	487.1	459.6	2.0	2.0	2.0	27.2	26.7	25.2	134.3	133.2	125.0
18	Bakersfield	97.9	96.9	93.5	6.2	6.1	6.3	3.8	3.7	3.6	8.9	9.0	8.5
19	Fresno	134.8	133.6	128.4	.6	.6	.6	6.7	6.4	6.5	19.2	18.4	17.9
20	Los Angeles—Long Beach	2,987.7	2,979.3	2,895.8	11.0	10.9	10.8	99.8	98.9	96.4	816.1	811.5	780.5
21	Modesto	60.1	60.8	57.4	.1	.1	.1	4.2	3.9	4.1	13.7	15.1	13.5
22	Oxnard—Simi Valley—Ventura	103.9	103.4	100.2	1.6	1.6	1.6	5.0	4.8	5.0	14.6	14.7	13.6
23	Riverside—San Bernardino—Ontario	324.4	324.4	314.5	2.2	2.2	1.8	15.1	14.9	14.9	56.5	56.3	54.1
24	Sacramento	291.6	289.6	283.2	.1	.1	.1	14.5	13.7	14.9	22.3	22.1	21.6
25	Salinas—Seaside—Monterey	69.7	68.1	67.2	.6	.6	.5	3.0	2.8	2.9	8.0	8.0	7.6
26	San Diego	429.9	429.1	415.1	.5	.5	.5	23.6	23.2	23.1	63.0	62.7	61.4
27	San Francisco—Oakland	1,284.1	1,277.5	1,255.8	2.0	2.0	1.8	60.9	59.7	59.4	191.5	190.1	185.3
28	San Jose	422.9	419.5	399.5	.1	.1	.1	19.4	18.3	19.0	128.1	127.8	118.2
29	Santa Barbara—Santa Maria—Lompoc	87.6	86.9	84.5	.9	.9	.9	3.2	3.1	3.2	10.8	10.7	10.3
30	Santa Rosa	60.0	59.2	57.6	.3	.3	.3	3.2	3.0	3.2	8.9	8.7	8.2
31	Stockton	94.7	92.9	92.9	.1	.1	.1	4.5	4.3	4.0	17.8	17.3	17.4
32	Vallejo—Fairfield—Napa	72.5	71.5	72.3	.1	.1	.1	2.8	2.6	2.9	7.5	7.2	7.5
33	COLORADO	831.8	829.3	798.4	13.2	13.2	13.3	53.7	52.2	45.5	123.7	123.5	120.6
34	Denver	529.6	527.3	509.3	5.4	5.4	5.4	33.1	32.5	29.9	88.5	88.1	87.2
35	CONNECTICUT	(*)	1,214.2	1,187.8	(*)	(2)	(2)	(*)	53.5	56.5	(*)	419.6	399.9
36	Bridgeport	(*)	146.1	144.2	(*)	(2)	(2)	(*)	5.0	5.2	(*)	62.4	60.7
37	Hartford	(*)	323.6	320.3	(*)	(2)	(2)	(*)	13.4	14.5	(*)	84.0	83.5
38	New Britain	(*)	45.6	43.5	(*)	(2)	(2)	(*)	1.8	1.9	(*)	23.3	21.5
39	New Haven	(*)	164.1	160.2	(*)	(2)	(2)	(*)	7.7	7.8	(*)	42.6	39.4
40	Stamford	(*)	84.0	84.1	(*)	(2)	(2)	(*)	3.8	3.9	(*)	27.1	27.6
41	Waterbury	(*)	82.3	79.5	(*)	(2)	(2)	(*)	3.5	3.7	(*)	37.5	35.3
42	DELAWARE	236.9	236.9	232.4	(1)	(1)	(1)	16.2	16.5	15.7	73.5	73.3	72.8
43	Wilmington	205.4	204.7	200.7	(1)	(1)	(1)	14.6	14.6	14.8	67.9	67.5	64.6
44	DISTRICT OF COLUMBIA <sup>3</sup>	683.0	682.7	685.9	(1)	(1)	(1)	19.5	19.0	20.1	17.1	17.3	17.3
45	Washington SMSA	1,264.0	1,257.8	1,239.1	(1)	(1)	(1)	80.6	77.9	79.4	45.2	45.2	43.2
46	FLORIDA	2,553.0	2,565.6	2,391.5	9.3	9.2	9.3	224.6	221.3	198.7	348.6	348.7	333.0
47	Fort Lauderdale—Hollywood	217.4	221.9	200.8	(1)	(1)	(1)	27.9	27.4	24.9	25.0	24.9	22.2
48	Jacksonville	206.5	206.4	203.5	(1)	(1)	(1)	14.2	14.1	13.8	25.1	25.0	24.7
49	Miami	570.0	573.0	556.4	(1)	(1)	(1)	38.0	37.7	35.4	86.7	86.6	83.9
50	Orlando	205.4	207.2	181.6	(1)	(1)	(1)	25.6	25.5	21.3	26.4	26.7	24.5
51	Pensacola	76.9	76.0	75.0	(1)	(1)	(1)	7.1	7.0	7.1	14.2	14.2	14.6
52	Tampa—St. Petersburg	378.0	380.0	349.6	(1)	(1)	(1)	32.9	32.9	30.2	58.2	58.2	55.1
53	West Palm Beach	134.4	137.2	122.9	(1)	(1)	(1)	15.1	15.0	11.8	18.8	18.9	18.1
54	GEORGIA	1,694.9	1,693.9	1,663.2	7.2	7.3	7.1	95.1	93.8	93.0	473.4	474.7	470.3
55	Atlanta	665.2	663.6	654.8	(1)	(1)	(1)	39.1	38.2	39.7	110.8	111.2	113.9
56	Augusta	93.7	93.9	91.2	(1)	(1)	(1)	6.3	6.3	5.7	30.5	30.6	29.5
57	Columbus	72.0	71.5	71.7	(1)	(1)	(1)	4.6	4.6	4.8	20.9	20.6	19.9
58	Macon	81.5	81.1	79.8	(1)	(1)	(1)	4.7	4.5	3.8	14.1	13.9	13.6
59	Savannah	68.8	68.7	67.5	(1)	(1)	(1)	4.1	4.2	4.2	15.8	15.9	14.7
60	HAWAII	316.0	308.1	307.9	(1)	(1)	(1)	24.5	24.2	22.9	24.5	23.8	24.9
61	Honolulu	266.6	260.5	260.6	(1)	(1)	(1)	20.9	20.7	19.4	17.7	16.9	18.1

See footnotes at end of table.

ESTABLISHMENT DATA  
STATE AND AREA EMPLOYMENT

for States and selected areas, by industry division

(In thousands)

Transportation and public utilities			Wholesale and retail trade			Finance, insurance, and real estate			Services			Government			
May 1973 <sup>P</sup>	Apr. 1973	May 1972	May 1973 <sup>P</sup>	Apr. 1973	May 1972	May 1973 <sup>P</sup>	Apr. 1973	May 1972	May 1973 <sup>P</sup>	Apr. 1973	May 1972	May 1973 <sup>P</sup>	Apr. 1973	May 1972	
59.7	59.1	57.4	212.4	211.7	203.9	47.9	47.5	45.2	146.2	145.6	143.3	225.7	225.4	222.2	1
21.3	21.2	19.9	65.2	64.7	63.4	18.1	18.1	17.2	41.8	41.8	40.7	41.8	41.9	40.9	2
1.7	1.7	1.6	13.2	13.3	13.0	2.3	2.3	2.2	16.3	16.2	16.9	30.5	30.8	31.2	3
9.5	9.5	9.3	25.8	25.7	26.3	5.6	5.6	5.4	17.9	17.8	17.7	17.5	17.5	17.5	4
4.4	4.4	4.0	16.9	16.9	16.8	4.8	4.7	4.5	12.2	12.1	12.2	19.3	19.3	18.8	5
1.8	1.8	1.7	6.9	7.0	6.8	1.4	1.4	1.4	4.4	4.4	4.3	15.6	15.8	13.6	6
10.2	9.8	10.0	17.9	17.6	16.4	3.8	3.8	3.5	15.5	14.8	13.8	42.0	41.6	40.4	7
34.8	34.5	31.9	163.5	162.9	149.2	39.0	38.8	35.6	118.3	119.1	110.0	148.0	148.4	139.2	8
19.9	19.8	18.4	104.9	104.9	94.4	29.5	29.3	26.7	72.0	72.9	66.5	72.1	72.3	67.7	9
7.5	7.3	6.8	30.5	30.5	28.2	6.2	6.2	5.4	23.9	24.2	22.4	35.9	36.0	33.1	10
35.5	35.4	34.3	124.3	122.9	117.3	27.9	27.5	25.6	81.8	81.2	78.9	108.6	108.6	107.0	11
2.2	2.2	2.2	6.5	6.5	6.2	.8	.8	.7	3.6	3.6	3.6	7.3	7.2	6.9	12
3.0	2.9	2.9	10.9	10.9	10.7	1.9	1.9	1.7	7.4	7.5	7.1	6.8	6.8	6.8	13
10.1	10.2	10.1	30.6	30.6	29.6	10.3	10.2	9.8	22.0	21.9	21.8	27.4	27.1	26.7	14
3.6	3.6	3.6	5.0	4.9	4.9	1.0	1.0	1.0	3.6	3.5	3.4	5.0	5.3	5.3	15
460.0	458.4	456.3	1,672.8	1,657.7	1,612.4	437.8	435.6	416.7	1,402.0	1,395.9	1,352.2	1,544.5	1,544.2	1,510.0	16
16.5	16.3	16.0	116.3	114.3	107.9	28.3	28.1	26.1	87.1	86.8	81.7	79.8	79.7	75.7	17
6.6	6.7	6.1	23.2	22.7	21.9	4.5	4.5	4.3	15.8	15.6	15.0	28.9	28.6	27.8	18
8.1	8.0	8.1	33.8	33.5	32.8	6.0	6.0	5.9	25.1	24.8	23.8	35.3	35.9	32.8	19
169.5	170.5	170.1	678.8	676.0	655.7	186.7	186.1	180.0	574.5	574.4	559.7	451.3	451.0	442.6	20
2.6	2.6	2.7	14.0	13.7	13.1	1.6	1.6	1.6	11.3	11.2	10.4	12.6	12.6	11.9	21
4.6	4.6	4.3	24.8	24.3	23.8	3.8	3.8	3.6	18.0	18.0	17.1	31.5	31.6	31.2	22
18.3	18.3	17.9	74.8	74.6	71.4	11.7	11.7	11.3	63.6	64.1	61.5	82.2	82.3	81.6	23
17.6	17.4	17.3	63.2	62.9	60.4	12.5	12.4	12.2	45.2	45.1	42.6	116.2	115.9	114.1	24
4.5	4.4	4.3	17.9	17.0	17.2	2.5	2.5	2.5	13.9	13.6	13.3	19.3	19.2	18.9	25
22.2	22.4	21.7	96.3	95.8	92.5	24.4	24.4	23.1	85.8	85.7	83.1	114.1	114.4	109.7	26
127.8	126.6	125.9	276.8	275.5	269.9	107.8	107.2	103.8	241.2	239.7	233.8	276.1	276.7	275.9	27
18.2	18.2	17.9	84.2	83.4	79.4	18.6	18.4	17.2	85.6	84.7	81.6	68.7	68.6	66.1	28
3.3	3.3	3.3	20.0	19.9	19.3	3.8	3.8	3.7	23.0	22.7	21.5	22.6	22.5	22.3	29
3.2	3.1	3.0	14.0	13.9	13.4	4.1	4.0	3.8	10.9	10.8	10.6	15.4	15.4	15.1	30
6.8	6.5	6.9	20.0	19.6	19.7	3.2	3.2	3.2	17.5	16.9	16.8	24.8	25.0	24.8	31
4.0	3.9	3.9	13.8	13.6	13.2	2.1	2.1	2.1	12.3	12.2	12.1	29.9	29.8	30.5	32
56.0	55.9	53.2	198.7	198.3	186.9	43.9	43.9	42.6	139.4	139.1	137.0	203.2	203.2	199.3	33
39.2	39.2	36.9	130.5	129.9	125.2	32.1	32.1	31.4	95.0	94.3	91.7	105.8	105.8	101.6	34
(*)	53.8	53.9	(*)	238.2	234.0	(*)	80.7	77.8	(*)	201.3	200.8	(*)	167.2	164.8	35
(*)	6.3	6.4	(*)	28.7	28.6	(*)	5.6	5.4	(*)	22.2	22.1	(*)	16.0	15.9	36
(*)	12.5	12.3	(*)	65.5	65.0	(*)	47.8	45.0	(*)	53.7	52.5	(*)	46.7	47.5	37
(*)	1.4	1.4	(*)	6.9	7.0	(*)	1.3	1.3	(*)	5.7	5.6	(*)	5.2	4.9	38
(*)	13.8	13.9	(*)	32.6	32.4	(*)	8.5	8.5	(*)	36.3	35.7	(*)	22.7	22.5	39
(*)	3.4	3.3	(*)	18.5	17.8	(*)	5.1	4.8	(*)	17.4	17.8	(*)	8.8	8.8	40
(*)	3.2	3.2	(*)	13.8	13.3	(*)	2.4	2.3	(*)	11.9	11.8	(*)	10.1	9.8	41
10.9	10.9	11.0	49.5	49.2	47.5	11.0	10.9	10.2	40.5	40.8	40.5	35.3	35.3	34.7	42
9.7	9.7	9.7	41.6	41.4	40.7	9.6	9.5	9.3	32.3	32.3	31.9	29.7	29.7	29.7	43
27.9	27.9	28.4	74.3	74.3	74.2	32.8	32.9	32.8	138.2	138.0	139.6	373.2	373.3	373.5	44
62.0	61.6	59.7	248.5	247.1	239.1	76.3	76.1	73.4	274.9	272.8	270.0	476.5	477.1	474.3	45
178.2	177.5	168.2	677.3	686.7	627.0	162.5	161.5	153.0	485.1	494.1	457.4	467.4	466.6	444.9	46
13.5	13.3	11.5	59.9	62.4	57.8	14.7	14.5	14.0	45.5	48.4	41.7	30.9	31.0	28.7	47
20.1	20.0	20.3	55.5	55.5	55.1	22.1	22.0	21.4	34.9	35.2	34.2	34.6	34.6	34.0	48
60.7	60.8	59.9	148.8	149.9	145.5	40.7	40.7	40.0	129.3	131.6	126.6	65.8	65.7	65.1	49
11.1	11.2	10.2	52.8	53.3	47.3	12.8	12.7	11.4	48.1	49.2	40.7	28.6	28.6	26.2	50
4.0	4.0	3.9	17.5	17.2	16.0	3.2	3.1	3.1	11.5	11.3	11.2	19.4	19.2	19.1	51
25.4	25.2	23.2	108.9	110.0	97.3	24.5	24.4	22.4	73.3	74.9	69.2	54.8	54.4	52.2	52
6.0	6.0	5.7	35.4	36.7	32.8	8.9	9.1	8.1	31.1	32.4	28.0	19.1	19.1	18.4	53
115.4	114.5	109.0	365.2	365.0	361.3	87.7	87.6	84.8	220.4	220.5	218.0	330.5	330.5	319.7	54
66.8	66.4	61.1	186.6	186.1	183.8	49.7	49.6	48.2	107.8	107.7	106.5	104.4	104.4	101.6	55
3.8	3.8	3.8	17.2	17.3	16.3	3.2	3.2	3.2	10.5	10.5	10.5	22.2	22.2	22.2	56
2.9	2.8	2.9	13.5	13.4	13.5	4.4	4.4	4.1	9.5	9.5	9.4	16.2	16.2	17.1	57
3.4	3.4	3.3	16.6	16.5	16.0	4.1	4.2	4.1	10.9	11.0	11.1	27.7	27.6	27.9	58
7.1	6.6	7.1	15.6	15.6	15.6	3.4	3.4	3.3	10.7	10.8	10.5	12.1	12.2	12.1	59
24.7	24.5	24.1	74.9	74.8	72.6	20.0	20.0	19.7	67.6	67.7	64.2	79.8	73.1	79.5	60
20.8	20.7	20.6	63.3	63.2	61.7	18.1	18.2	17.9	56.1	56.2	53.4	69.7	64.6	69.5	61



**ESTABLISHMENT DATA  
STATE AND AREA EMPLOYMENT**

82

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

(In thousands)

	State and area	TOTAL			Mining			Contract construction			Manufacturing		
		May 1973 <sup>P</sup>	Apr. 1973	May 1972	May 1973 <sup>P</sup>	Apr. 1973	May 1972	May 1973 <sup>P</sup>	Apr. 1973	May 1972	May 1973 <sup>P</sup>	Apr. 1973	May 1972
1	IDAHO .....	238.0	233.5	225.8	2.7	2.6	3.1	12.5	11.6	11.3	45.0	43.0	42.2
2	Boise City .....	53.2	52.2	48.4	(1)	(1)	(1)	4.2	3.9	3.2	5.7	5.5	5.5
3	ILLINOIS .....	4,347.2	4,322.5	4,280.3	23.3	22.8	23.5	186.2	177.0	182.0	1,307.4	1307.2	1260.9
4	Bloomington-Normal .....	44.5	44.6	42.4	(2)	(2)	(2)	1.7	1.6	1.8	7.1	7.2	5.9
5	Champaign-Urbana .....	(*)	64.0	62.7	(*)	(2)	(2)	(*)	2.9	3.1	(*)	5.7	4.8
6	Chicago <sup>4</sup> .....	2,971.5	2,954.8	2,928.7	4.3	4.2	4.4	123.9	118.3	121.4	890.5	890.3	863.5
7	Chicago-Northwestern Indiana .....	(*)	3,177.0	3,148.1	(*)	4.3	4.5	(*)	127.5	132.0	(*)	995.4	964.7
8	Davenport-Rock Island-Moline .....	138.7	137.6	134.0	(2)	(2)	(2)	7.3	6.7	6.2	44.0	44.0	41.0
9	Decatur .....	51.5	51.3	49.8	(2)	(2)	(2)	2.2	2.1	2.1	20.9	20.7	18.9
10	Peoria .....	134.2	133.6	129.0	(2)	(2)	(2)	8.2	7.9	7.6	48.4	48.3	44.9
11	Rockford .....	112.2	110.8	107.5	(2)	(2)	(2)	3.8	3.5	4.0	54.6	54.2	51.0
12	Springfield .....	72.1	71.9	70.8	(2)	(2)	(2)	4.0	3.6	3.8	9.0	9.3	9.2
13	INDIANA .....	1,982.7	1,967.3	1,915.5	7.2	7.0	7.2	87.4	80.9	82.4	748.8	744.8	706.7
14	Evansville .....	93.7	92.8	91.4	1.3	1.3	1.3	4.1	3.9	4.1	35.3	34.8	33.2
15	Fort Wayne .....	127.9	126.9	123.2	(1)	(1)	(1)	6.0	5.7	5.8	45.6	45.4	43.8
16	Gary-Hammond-East Chicago <sup>4</sup> .....	226.6	224.6	219.4	(1)	(1)	(1)	10.5	9.9	10.6	106.2	105.7	101.2
17	Indianapolis .....	434.7	430.8	430.5	(1)	(1)	(1)	20.4	19.3	20.3	124.3	124.9	122.3
18	Muncie .....	48.3	47.6	46.9	(1)	(1)	(1)	1.6	1.5	1.4	16.8	16.4	16.2
19	South Bend .....	98.8	98.4	97.1	(1)	(1)	(1)	4.2	4.1	4.2	32.8	32.6	31.6
20	Terre Haute .....	56.7	56.5	56.2	.9	.9	1.0	2.0	2.0	2.4	16.2	16.1	15.2
21	IOWA .....	967.9	958.1	928.7	3.0	2.9	3.1	41.3	38.8	37.5	233.8	231.1	219.4
22	Cedar Rapids .....	68.8	68.2	65.8	(1)	(1)	(1)	4.1	4.2	3.5	23.8	23.5	21.9
23	Des Moines .....	142.9	141.7	137.7	(1)	(1)	(1)	7.6	7.2	6.2	26.8	27.0	25.7
24	Dubuque .....	38.3	37.3	35.5	(1)	(1)	(1)	1.1	1.0	.6	16.4	15.6	14.8
25	Sioux City .....	45.1	44.2	42.6	(1)	(1)	(1)	2.0	1.8	2.1	13.0	12.6	10.7
26	Waterloo .....	55.3	54.9	51.9	(1)	(1)	(1)	2.3	2.0	2.1	21.3	21.3	18.4
27	KANSAS .....	744.2	738.2	713.0	9.6	9.5	9.7	36.1	35.0	34.8	155.5	154.3	142.0
28	Topeka .....	68.0	67.6	66.5	.1	.1	.1	2.9	2.7	2.8	10.4	10.5	10.1
29	Wichita .....	150.2	148.8	142.6	2.2	2.3	2.2	6.9	6.5	6.3	45.3	44.4	39.2
30	KENTUCKY .....	1,035.6	1,026.7	988.8	32.8	32.6	31.8	59.1	56.6	56.4	281.3	278.6	265.0
31	Lexington .....	(*)	88.0	83.7	(*)	(1)	(1)	(*)	5.4	5.5	(*)	18.0	16.5
32	Louisville .....	(*)	351.8	334.3	(*)	(1)	(1)	(*)	18.2	16.9	(*)	113.6	108.1
33	LOUISIANA .....	1,134.0	1,132.2	1,117.8	52.3	52.3	52.7	84.5	84.3	85.1	179.1	178.7	177.7
34	Baton Rouge .....	119.6	119.8	115.2	.5	.5	.5	10.1	10.0	12.4	17.5	17.7	17.1
35	Lake Charles .....	44.0	43.9	43.4	1.2	1.2	1.2	3.8	3.8	3.5	9.5	9.5	9.6
36	Monroe .....	41.6	41.6	40.6	.4	.4	.4	3.7	3.9	3.9	7.1	7.1	6.6
37	New Orleans .....	397.8	396.9	391.6	13.5	13.5	13.4	26.4	26.5	26.2	52.5	52.3	53.5
38	Shreveport .....	102.5	102.3	99.3	3.3	3.3	3.4	6.7	6.7	6.8	18.8	18.6	17.4
39	MAINE .....	336.3	331.0	335.9	(1)	(1)	(1)	17.4	14.9	17.5	100.6	99.9	101.3
40	Lewiston-Auburn .....	28.8	28.4	29.1	(1)	(1)	(1)	1.4	1.3	1.3	11.6	11.4	12.0
41	Portland .....	69.1	68.0	66.9	(1)	(1)	(1)	3.9	3.5	3.5	14.2	14.0	13.7
42	MARYLAND <sup>3</sup> .....	1,391.2	1,382.4	1,351.1	2.2	2.2	2.1	99.4	95.9	96.3	250.9	250.8	247.5
43	Baltimore .....	834.0	831.8	817.4	.3	.3	.3	44.7	43.6	44.1	179.9	179.7	179.2
44	MASSACHUSETTS .....	2,310.6	2,299.6	2,273.0	(1)	(1)	(1)	101.8	96.5	100.8	615.7	615.6	597.8
45	Boston .....	1,289.4	1,284.7	1,280.2	(1)	(1)	(1)	55.7	53.2	53.1	255.5	255.2	254.7
46	Brockton .....	53.7	53.4	52.9	-	-	-	2.0	1.9	2.0	15.3	15.2	15.2
47	Fall River .....	46.4	46.5	45.5	(1)	(1)	(1)	(1)	(1)	(1)	20.9	21.0	19.9
48	Lawrence-Haverhill .....	84.9	84.9	83.0	(1)	(1)	(1)	2.0	1.9	2.1	37.9	37.9	36.4
49	Lowell .....	53.1	52.9	52.5	(1)	(1)	(1)	2.8	2.6	2.5	19.8	19.9	19.2
50	New Bedford .....	57.2	57.1	55.9	(1)	(1)	(1)	1.3	1.3	1.3	25.8	25.9	25.1
51	Springfield-Chicopee-Holyoke .....	190.2	189.1	188.4	(1)	(1)	(1)	8.0	7.6	8.0	61.5	61.3	59.6
52	Worcester .....	132.2	130.3	127.3	(1)	(1)	(1)	5.0	4.7	5.0	43.2	43.0	39.6
53	MICHIGAN .....	3,142.9	3,114.0	3,034.7	12.6	12.2	12.0	112.4	103.1	109.8	1,137.3	1,131.9	1,069.4
54	Ann Arbor .....	105.9	108.4	102.9	(1)	(1)	(1)	2.5	2.3	2.0	38.2	38.1	36.4
55	Battle Creek .....	64.2	64.0	61.2	(1)	(1)	(1)	1.9	1.8	1.7	26.4	26.4	24.4
56	Bay City .....	31.7	31.4	30.1	(1)	(1)	(1)	1.4	1.2	1.3	10.6	10.5	10.0
57	Detroit .....	1,533.8	1,519.9	1,482.0	.6	.6	.7	55.4	52.5	56.2	572.1	569.5	535.7
58	Flint .....	173.1	172.2	170.8	(1)	(1)	(1)	4.5	4.2	4.9	79.4	79.1	78.6
59	Grand Rapids .....	205.8	203.2	197.8	(1)	(1)	(1)	9.7	8.9	9.8	77.2	76.7	73.0
60	Jackson .....	50.3	49.9	47.8	(1)	(1)	(1)	2.0	1.9	1.9	18.6	18.4	17.7
61	Kalamazoo .....	75.4	75.9	72.5	(1)	(1)	(1)	3.2	3.1	3.2	28.6	28.4	26.4
62	Lansing-East Lansing .....	141.4	140.0	137.5	(1)	(1)	(1)	5.6	5.1	5.1	38.6	38.5	38.1
63	Muskegon-Muskegon Heights .....	50.0	49.7	48.5	(1)	(1)	(1)	1.8	1.7	1.6	22.1	22.0	21.3
64	Saginaw .....	79.1	78.8	78.5	(1)	(1)	(1)	3.0	2.8	3.8	35.0	34.8	34.5

See footnotes at end of table.

ESTABLISHMENT DATA  
STATE AND AREA EMPLOYMENT

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

(In thousands)

Transportation and public utilities			Wholesale and retail trade			Finance, insurance, and real estate			Services			Government			
May 1973 <sup>P</sup>	Apr. 1973	May 1972	May 1973 <sup>P</sup>	Apr. 1973	May 1972	May 1973 <sup>P</sup>	Apr. 1973	May 1972	May 1973 <sup>P</sup>	Apr. 1973	May 1972	May 1973 <sup>P</sup>	Apr. 1973	May 1972	
15.5	15.2	15.0	59.6	59.0	56.2	9.7	9.6	8.9	37.4	37.6	36.0	55.6	54.9	53.1	1
3.5	3.4	3.4	14.1	13.8	12.9	3.6	3.6	3.3	9.5	9.4	8.0	12.6	12.6	12.1	2
279.0	277.7	280.6	939.9	934.0	937.4	242.7	241.8	238.2	706.3	698.9	697.9	662.5	663.1	659.7	3
3.0	3.0	3.0	9.9	9.8	9.4	5.6	5.5	5.3	7.2	7.2	7.0	10.0	10.2	10.0	4
(*)	2.5	2.4	(*)	12.8	12.7	(*)	1.6	1.6	(*)	8.4	8.6	(*)	30.1	29.6	5
201.1	199.1	201.4	665.9	661.7	664.1	188.8	188.2	186.8	516.7	512.9	511.6	380.3	380.0	375.6	6
(*)	213.3	215.2	(*)	699.8	702.0	(*)	193.8	193.1	(*)	537.5	536.2	(*)	405.5	400.5	7
7.1	7.1	7.2	32.2	31.9	31.1	5.6	5.6	5.8	20.1	20.1	20.0	22.3	22.2	22.7	8
4.4	4.4	4.4	9.3	9.3	9.5	2.1	2.0	2.0	7.3	7.4	7.5	5.2	5.3	5.3	9
7.1	7.3	7.1	28.4	28.3	27.8	5.6	5.6	5.5	20.3	20.2	20.0	16.1	16.0	16.0	10
3.8	3.8	3.7	21.6	21.4	21.0	3.6	3.6	3.3	14.7	14.5	13.9	10.1	10.0	10.5	11
4.3	4.3	4.3	14.8	14.5	14.4	6.2	6.2	5.6	13.0	13.1	12.9	21.0	20.9	20.7	12
101.5	101.4	101.1	401.6	398.2	388.2	83.0	82.4	80.4	247.4	245.8	244.0	305.8	306.9	305.4	13
5.3	5.3	5.3	20.2	20.2	20.0	3.2	3.2	3.2	15.3	15.1	15.3	9.0	9.0	9.0	14
9.3	9.2	8.6	29.6	29.3	28.4	7.1	7.0	6.8	17.7	17.6	17.0	12.6	12.7	12.8	15
14.1	14.1	13.8	38.3	37.8	37.9	6.4	6.4	6.3	24.8	24.7	24.7	26.3	26.0	24.9	16
27.6	27.3	27.8	97.9	97.0	96.8	30.5	30.0	29.9	61.0	59.3	60.3	73.0	73.0	73.1	17
2.3	2.3	2.3	10.2	10.1	10.1	1.5	1.5	1.5	5.9	5.8	5.8	10.0	10.0	9.6	18
4.7	4.7	4.7	21.4	21.3	21.0	5.3	5.3	5.2	18.8	18.8	18.8	11.6	11.6	11.6	19
4.1	4.0	4.1	12.9	12.9	13.0	1.8	1.8	1.8	7.5	7.5	7.4	11.3	11.3	11.3	20
54.3	53.4	53.3	237.4	234.9	225.6	45.9	45.3	43.9	168.4	167.2	162.5	183.9	184.4	183.4	21
3.6	3.5	3.5	14.4	14.2	14.1	3.2	3.2	3.0	11.1	11.1	11.2	8.6	8.5	8.6	22
10.7	10.5	10.0	33.1	32.9	33.6	16.3	16.1	15.4	26.7	26.4	25.9	21.6	21.5	20.8	23
1.6	1.5	1.6	7.4	7.3	7.1	1.0	1.0	1.0	7.7	7.6	7.4	3.2	3.2	3.1	24
3.2	3.1	3.2	11.7	11.7	11.4	2.1	2.1	2.1	7.7	7.5	7.7	5.4	5.4	5.4	25
2.4	2.4	2.4	10.9	10.7	10.9	1.5	1.5	1.5	7.9	7.8	7.4	9.0	9.1	9.2	26
53.3	53.0	52.1	173.8	172.3	169.2	32.3	32.4	32.0	112.3	111.5	109.5	171.3	170.2	163.7	27
7.0	7.0	7.0	14.7	14.7	14.4	4.4	4.3	4.2	11.8	11.8	11.4	16.9	16.8	16.7	28
7.8	7.9	8.0	33.2	33.0	32.5	7.1	7.1	6.8	26.2	26.1	25.6	21.7	21.8	22.1	29
63.0	62.7	60.9	206.7	206.3	198.7	40.3	39.9	38.8	152.0	150.1	146.9	200.4	199.9	190.3	30
(*)	4.7	4.4	(*)	17.1	17.3	(*)	4.1	4.0	(*)	14.5	13.2	(*)	24.2	22.8	31
(*)	23.8	23.6	(*)	75.4	71.8	(*)	19.1	18.1	(*)	53.9	50.8	(*)	47.8	44.9	32
96.9	96.0	94.0	265.7	265.8	263.0	54.0	53.9	52.3	168.4	168.2	166.2	233.1	233.0	226.8	33
5.5	5.5	5.3	27.2	27.1	24.2	8.3	8.2	6.9	18.9	19.0	16.0	31.6	31.8	32.8	34
3.1	3.0	3.1	10.1	10.1	10.0	1.7	1.7	1.6	6.8	6.7	6.7	7.8	7.9	7.7	35
2.3	2.3	2.3	11.4	11.4	11.1	2.9	2.8	2.7	6.0	5.9	6.0	7.8	7.8	7.6	36
42.9	42.2	40.4	98.2	98.5	96.9	24.3	24.3	23.8	76.2	75.9	73.9	63.8	63.7	63.5	37
9.4	9.3	9.2	26.0	26.2	24.7	4.9	5.0	4.9	16.9	16.8	16.7	16.5	16.4	16.2	38
17.6	17.3	17.6	67.7	66.7	67.5	12.7	12.7	12.4	49.5	49.1	49.0	70.8	70.4	70.6	39
1.0	1.0	1.0	6.2	6.1	6.2	.9	.9	.8	5.1	5.1	5.1	2.6	2.6	2.7	40
5.5	5.2	5.2	17.6	17.5	17.8	6.1	6.1	5.6	12.6	12.5	12.2	9.2	9.2	8.9	41
79.8	80.0	77.9	340.6	337.7	327.5	76.7	75.8	73.8	266.6	263.8	257.2	275.0	276.2	268.8	42
54.4	54.6	53.1	187.3	186.7	182.0	46.3	45.9	44.9	150.7	149.7	145.8	170.4	171.3	168.0	43
122.9	120.3	121.2	502.0	500.5	500.7	130.2	129.8	128.9	494.4	491.5	485.2	343.6	345.4	338.4	44
76.4	75.3	74.2	298.8	299.5	302.4	94.0	93.9	93.8	332.6	331.2	325.7	176.4	176.4	176.3	45
4.1	4.1	4.0	13.3	13.3	13.1	1.6	1.6	1.5	8.1	8.0	7.9	9.3	9.3	9.2	46
2.0	2.0	1.9	9.7	9.8	9.9	(1)	(1)	(1)	9.0	8.9	9.1	4.8	4.8	4.7	47
3.4	2.9	3.0	14.9	14.9	15.0	2.5	2.5	2.5	11.2	11.4	10.9	13.0	13.4	13.1	48
2.2	2.0	2.3	11.3	11.4	11.6	1.5	1.5	1.5	8.6	8.6	8.5	6.9	6.9	6.9	49
3.1	3.2	3.3	11.7	11.5	11.2	(1)	(1)	(1)	10.1	10.0	9.8	5.2	5.2	5.2	50
8.6	8.4	8.9	38.8	38.8	39.4	9.8	9.8	9.6	36.4	36.1	36.4	27.1	27.1	26.5	51
7.1	5.8	7.1	27.6	27.5	27.1	7.3	7.3	7.0	24.7	24.7	24.2	17.3	17.3	17.3	52
148.4	146.8	144.9	617.4	609.6	608.8	121.2	120.5	118.4	452.2	448.1	440.9	541.3	541.8	530.4	53
2.2	2.2	2.2	14.3	14.1	13.9	2.7	2.7	2.7	10.4	10.1	9.4	35.7	38.9	36.4	54
2.6	2.6	2.6	9.8	9.7	9.5	3.8	3.8	3.7	8.4	8.3	8.1	11.4	11.4	11.1	55
2.0	2.0	1.9	7.8	7.8	6.9	.8	.8	.8	4.3	4.4	4.4	4.7	4.7	4.8	56
76.9	76.6	77.7	304.0	299.5	295.5	70.8	70.4	69.9	234.8	232.0	228.9	219.4	218.9	217.5	57
6.1	6.1	5.6	33.6	33.4	34.3	5.2	5.1	4.6	20.4	20.3	19.0	23.9	23.9	23.9	58
9.8	9.8	9.6	49.1	48.2	47.0	7.6	7.5	7.2	29.0	28.7	28.6	23.4	23.3	22.5	59
4.2	4.2	4.2	9.6	9.5	8.4	1.4	1.4	1.4	6.4	6.3	6.0	8.2	8.2	8.2	60
2.6	2.6	2.8	15.9	15.8	15.4	2.4	2.4	2.4	9.5	9.5	9.3	13.1	14.1	13.0	61
4.1	4.1	4.1	22.9	23.0	21.6	6.2	6.2	5.9	16.7	16.4	16.8	47.3	46.9	46.0	62
3.3	3.2	3.2	8.2	8.2	8.0	1.4	1.4	1.3	6.1	6.1	6.0	7.3	7.2	7.1	63
3.9	3.9	3.8	15.5	15.4	15.2	2.9	2.9	3.0	8.9	8.7	8.7	10.1	10.3	9.5	64

ESTABLISHMENT DATA  
STATE AND AREA EMPLOYMENT

84

B-7: Employees on nonagricultural payrolls

(In thousands)

	State and area	TOTAL			Mining			Contract construction			Manufacturing		
		May 1973 P	Apr. 1973	May 1972	May 1973 P	Apr. 1973	May 1972	May 1973 P	Apr. 1973	May 1972	May 1973 P	Apr. 1973	May 1972
1	MINNESOTA .....	1,409.9	1,392.9	1,355.5	14.1	13.5	13.5	62.5	56.0	62.3	318.6	318.0	299.7
2	Duluth-Superior .....	54.2	54.0	55.9	(1)	(1)	(1)	2.4	2.3	2.5	7.7	7.7	8.5
3	Minneapolis-St. Paul .....	827.8	823.4	798.2	(1)	(1)	(1)	34.6	32.6	36.7	205.4	205.5	193.7
4	MISSISSIPPI .....	649.7	646.0	628.2	6.0	6.0	6.1	35.4	33.8	35.3	209.5	208.8	202.9
5	Jackson .....	105.1	105.2	101.4	.7	.7	.7	7.7	7.9	6.3	15.8	15.6	15.2
6	MISSOURI .....	1,710.2	1,704.3	1,683.2	7.8	7.6	8.3	65.1	63.5	71.2	445.7	444.5	431.6
7	Kansas City .....	533.2	531.2	517.4	.5	.5	.5	28.8	28.7	28.6	119.6	119.5	116.8
8	St. Joseph .....	32.6	32.3	32.7	(2)	(2)	(2)	1.9	1.7	2.0	9.0	8.8	9.2
9	St. Louis .....	878.7	879.6	889.5	2.5	2.5	2.8	32.6	31.4	35.1	257.5	258.2	255.9
10	Springfield .....	64.6	64.1	62.4	.1	.1	.1	3.7	3.7	3.4	17.8	17.7	16.6
11	MONTANA .....	217.4	213.4	212.6	6.5	6.4	6.0	10.9	10.0	12.1	24.4	24.2	24.3
12	Billings .....	34.0	33.8	32.2	(1)	(1)	(1)	2.2	2.2	2.1	3.6	3.6	3.4
13	Great Falls .....	26.6	26.4	26.7	(1)	(1)	(1)	1.8	1.7	1.7	2.2	2.2	2.8
14	NEBRASKA .....	529.4	524.1	513.0	1.8	1.6	1.7	30.8	29.0	28.6	89.4	88.7	85.1
15	Lincoln .....	81.9	81.0	77.8	-	-	-	4.2	4.0	3.8	12.4	11.9	11.7
16	Omaha .....	228.8	226.3	223.2	(2)	(2)	(2)	12.7	12.3	12.6	39.9	39.8	38.9
17	NEVADA .....	234.3	231.8	221.3	3.7	3.6	3.4	16.8	16.4	14.5	10.6	10.6	9.3
18	Las Vegas .....	126.6	126.1	119.4	.1	.1	.1	9.0	9.1	8.1	4.7	4.7	4.3
19	Reno .....	67.8	66.7	64.0	.2	.2	.2	5.1	4.9	4.5	3.9	3.9	3.4
20	NEW HAMPSHIRE .....	283.3	278.8	270.0	.4	.4	.4	15.5	13.6	14.1	94.4	94.3	90.1
21	Manchester .....	51.9	51.2	51.1	(1)	(1)	(1)	2.3	2.1	2.3	17.1	16.9	17.2
22	NEW JERSEY .....	2,696.7	2,702.0	2,653.4	3.2	3.2	3.3	109.0	123.9	120.4	815.9	814.7	809.5
23	Atlantic City .....	65.8	65.0	64.0	-	-	-	2.7	3.2	3.5	10.1	10.1	9.2
24	Camden <sup>5</sup> .....	281.8	282.8	273.6	.1	.1	.1	15.4	16.8	15.5	67.7	68.0	68.1
25	Jersey City <sup>6</sup> .....	243.0	243.4	243.4	-	-	-	4.4	5.2	5.2	93.5	92.9	94.4
26	Long Branch-Asbury Park .....	129.5	129.1	126.6	.1	.1	.1	6.5	7.4	7.7	22.7	22.3	21.9
27	Newark <sup>6</sup> .....	792.6	797.2	783.6	.6	.6	.6	27.4	32.3	32.4	229.6	229.9	227.7
28	Paterson-Clifton-Passaic <sup>6</sup> .....	525.3	525.7	519.9	.2	.2	.2	19.4	22.2	22.9	181.6	180.1	182.6
29	Perth Amboy <sup>6</sup> .....	301.2	302.5	291.9	.7	.7	.8	11.4	13.1	12.5	112.4	112.8	107.8
30	Trenton .....	146.3	146.9	142.1	(1)	(1)	(1)	3.2	3.6	3.5	40.3	40.2	39.0
31	Vineland-Millville-Bridgeton .....	51.7	51.9	51.0	(1)	(1)	(1)	2.3	2.5	2.0	21.1	21.2	21.3
32	NEW MEXICO .....	347.0	343.1	326.6	16.3	16.8	16.1	26.3	24.6	24.0	28.5	28.2	25.6
33	Albuquerque .....	138.1	137.0	127.4	(1)	(1)	(1)	12.5	12.2	11.3	13.9	13.7	12.0
34	NEW YORK .....	7,085.3	7,051.0	7,051.4	7.3	7.1	7.3	272.9	258.2	274.6	1,616.7	1,609.8	1,596.4
35	Albany-Schenectady-Troy .....	292.8	291.3	288.2	(1)	(1)	(1)	17.3	16.4	16.8	58.0	58.0	58.5
36	Binghamton .....	107.4	106.4	104.7	(1)	(1)	(1)	5.0	4.5	5.0	38.5	38.3	37.7
37	Buffalo .....	500.1	492.9	486.8	(1)	(1)	(1)	21.8	19.6	20.1	156.9	156.7	151.5
38	Elmira .....	38.5	37.8	37.2	(1)	(1)	(1)	2.4	2.1	1.8	14.1	13.9	13.5
39	Monroe County <sup>7</sup> .....	311.6	305.2	303.8	(1)	(1)	(1)	12.0	11.9	12.6	127.5	122.3	122.4
40	Nassau-Suffolk <sup>8</sup> .....	777.5	770.5	757.2	(1)	(1)	(1)	46.0	43.3	45.4	145.5	146.1	142.4
41	New York-Northeastern New Jersey .....	(*) 6,565.9	(*) 6,552.5	(*) 6,552.5	(*) 3.7	(*) 4.0	(*) 4.0	(*) 242.4	(*) 249.9	(*) 249.9	(*) 1,512.0	(*) 1,512.0	(*) 1,512.1
42	New York and Nassau-Suffolk <sup>6</sup> .....	4,709.3	4,699.2	4,713.7	2.1	2.1	2.2	176.7	170.6	176.9	895.4	896.9	899.6
43	New York SMSA <sup>8</sup> .....	3,931.8	3,928.7	3,956.5	2.0	2.0	2.1	130.7	127.2	131.5	749.9	750.8	757.3
44	New York City <sup>9</sup> .....	3,554.0	3,554.2	3,582.4	1.6	1.6	1.6	108.5	106.7	108.5	669.5	670.1	675.6
45	Poughkeepsie .....	82.3	82.1	79.3	(1)	(1)	(1)	3.2	3.1	3.2	27.9	27.9	27.3
46	Rochester .....	354.2	347.6	346.3	(1)	(1)	(1)	13.0	13.2	13.5	141.2	136.0	136.3
47	Rockland County <sup>9</sup> .....	71.8	70.8	68.4	(1)	(1)	(1)	6.3	5.6	4.9	13.5	13.5	14.1
48	Syracuse .....	240.4	237.4	233.8	(1)	(1)	(1)	13.3	11.6	12.0	60.3	60.3	59.2
49	Utica-Rome .....	111.3	109.4	110.0	(1)	(1)	(1)	3.5	2.9	3.5	35.1	35.0	34.4
50	Westchester County <sup>9</sup> .....	306.0	303.7	305.8	(1)	(1)	(1)	15.9	14.9	18.1	66.9	67.1	67.5
51	NORTH CAROLINA <sup>10</sup> .....	1,955.3	1,954.3	1,900.1	4.1	4.1	3.8	119.2	116.5	115.0	762.4	765.5	747.6
52	Asheville <sup>10</sup> .....	-	-	-	-	-	-	-	-	-	22.0	22.0	21.1
53	Charlotte <sup>10</sup> .....	200.9	200.8	194.4	(1)	(1)	(1)	15.0	14.8	14.3	44.5	44.8	43.2
54	Greensboro-Winston-Salem-High Point <sup>10</sup> .....	284.9	285.1	282.3	(1)	(1)	(1)	13.7	13.3	14.7	113.9	114.4	114.4
55	Raleigh <sup>10</sup> .....	-	-	-	-	-	-	-	-	-	16.5	16.4	15.2
56	NORTH DAKOTA .....	184.7	181.0	176.9	1.5	1.5	1.5	11.8	10.1	11.8	11.6	11.2	10.6
57	Fargo-Moorhead .....	46.3	45.7	44.4	.1	.1	.1	3.2	2.7	2.9	3.0	3.0	3.1
58	OHIO .....	4,064.5	4,033.7	3,936.3	23.1	23.2	23.0	162.0	154.7	156.6	1,400.2	1,393.7	1,332.1
59	Akron .....	254.9	253.9	249.7	.2	.2	.2	7.8	7.4	8.0	92.1	92.1	90.5
60	Canton .....	143.4	142.4	136.1	.4	.4	.4	5.3	5.2	5.1	59.9	59.4	55.3
61	Cincinnati .....	531.1	526.0	510.3	.4	.4	.4	24.3	23.7	23.0	165.3	163.8	153.2

See footnotes at end of table.

ESTABLISHMENT DATA  
STATE AND AREA EMPLOYMENT

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

(In thousands)

Transportation and public utilities			Wholesale and retail trade			Finance, insurance, and real estate			Services			Government			
May 1973 P	Apr. 1973	May 1972	May 1973 P	Apr. 1973	May 1972	May 1973 P	Apr. 1973	May 1972	May 1973 P	Apr. 1973	May 1972	May 1973 P	Apr. 1973	May 1972	
89.0	87.5	88.1	344.7	340.9	332.4	69.1	68.8	67.1	254.3	251.3	240.6	257.6	257.1	251.7	1
6.6	6.4	7.0	13.4	13.3	13.6	1.9	1.9	1.9	11.5	11.5	11.5	10.7	10.8	10.9	2
56.9	56.6	55.9	202.9	201.7	195.7	51.8	51.5	50.5	153.9	152.4	147.5	122.4	123.1	118.2	3
34.1	33.8	32.3	127.3	126.6	118.0	23.7	23.6	23.0	72.2	72.2	72.0	141.4	141.3	138.6	4
7.1	7.1	7.0	24.2	24.3	23.6	8.1	8.1	7.9	18.5	18.5	17.9	23.0	23.1	22.8	5
123.3	124.2	122.7	387.1	385.4	384.5	93.9	93.6	92.6	271.2	269.6	267.9	316.1	315.9	304.4	6
49.9	49.8	49.7	132.3	132.0	127.1	33.9	33.9	33.4	87.2	85.6	84.0	81.0	81.2	77.3	7
2.0	2.0	1.9	8.1	8.1	8.1	1.4	1.4	1.4	5.2	5.2	5.1	5.0	5.1	5.0	8
62.0	63.1	63.9	189.3	189.3	191.7	46.7	46.5	46.6	156.0	156.0	159.5	132.1	132.6	134.0	9
4.4	4.4	4.5	16.9	16.7	16.2	2.3	2.3	2.4	11.0	10.8	10.2	8.4	8.4	9.0	10
17.6	17.4	17.8	54.4	52.8	51.5	9.1	9.0	8.8	37.0	36.6	36.3	57.5	57.0	55.8	11
3.2	3.2	3.0	10.4	10.2	9.9	1.8	1.8	1.7	6.9	6.9	6.3	5.9	5.9	5.8	12
2.2	2.1	2.2	7.6	7.5	7.5	1.8	1.8	1.7	5.2	5.4	5.1	5.8	5.7	5.7	13
37.6	37.3	37.5	132.5	131.5	129.1	31.3	31.2	30.0	94.5	93.8	91.9	111.5	110.9	109.1	14
5.0	4.9	5.1	17.4	17.4	16.7	5.6	5.6	5.5	13.3	13.3	12.7	24.0	23.9	22.3	15
20.8	20.6	21.1	56.7	55.9	55.7	17.9	17.9	17.3	43.7	43.1	42.0	37.1	36.8	35.6	16
15.5	15.4	14.7	44.6	44.2	41.7	10.9	10.8	10.0	91.2	89.8	87.5	41.0	41.0	40.2	17
8.0	8.0	7.7	23.8	23.6	22.4	6.0	5.9	5.5	57.1	56.8	53.9	17.9	17.9	17.4	18
5.4	5.4	5.0	14.5	14.4	13.8	3.8	3.8	3.7	23.1	22.4	22.1	11.8	11.7	11.3	19
12.3	12.5	11.9	58.1	57.1	54.3	12.8	12.7	12.0	47.7	46.2	46.3	42.1	42.0	40.9	20
3.7	3.7	3.6	11.5	11.4	11.3	3.5	3.5	3.3	9.3	9.1	8.9	4.5	4.5	4.5	21
184.1	184.0	178.1	591.3	586.9	573.9	127.7	127.3	123.8	444.1	438.7	435.4	421.4	423.3	409.0	22
3.9	3.9	3.5	18.3	17.4	17.9	3.3	3.3	3.2	15.5	15.0	15.2	12.0	12.1	11.5	23
14.8	14.9	14.5	74.3	73.6	70.1	12.4	12.2	11.3	46.5	46.4	44.9	50.6	50.8	49.1	24
33.4	33.4	32.9	42.8	42.8	43.2	8.4	8.4	8.2	29.4	29.4	29.4	31.1	31.3	30.1	25
6.0	6.0	6.1	32.2	31.1	29.7	4.6	4.6	4.6	27.7	27.6	27.0	29.7	30.0	29.5	26
60.6	60.6	60.3	159.1	158.8	155.1	55.8	55.3	55.2	143.0	142.2	139.0	116.5	117.5	113.3	27
27.8	27.7	26.8	135.6	134.8	130.6	22.2	22.1	20.8	81.8	81.6	80.9	56.7	57.0	55.1	28
15.7	16.0	16.6	65.9	65.2	62.2	7.7	7.7	7.2	36.3	36.0	35.8	51.1	51.0	49.0	29
5.8	5.8	6.0	22.3	22.3	22.0	5.6	5.7	5.5	33.7	33.6	31.8	35.4	35.7	34.3	30
3.3	3.3	3.3	8.4	8.4	8.2	2.3	2.3	2.3	6.1	6.0	6.1	8.2	8.2	7.8	31
22.4	22.2	21.1	75.6	74.3	69.9	15.4	15.3	14.3	63.2	62.1	59.3	99.3	99.6	96.3	32
8.5	8.4	7.6	33.3	32.9	30.4	7.7	7.6	7.3	29.8	29.5	28.5	32.4	32.7	30.3	33
472.2	473.0	478.5	1,444.5	1,437.2	1,442.7	593.8	594.2	596.0	1,412.2	1,405.4	1,401.0	1,265.6	1,266.0	1,254.9	34
17.1	16.9	16.6	58.7	58.1	57.8	12.4	12.3	12.0	51.0	50.8	50.6	78.4	78.7	75.8	35
4.6	4.6	4.7	19.4	19.2	18.5	3.4	3.3	3.3	13.6	13.5	13.4	23.0	23.1	22.1	36
31.1	30.4	30.8	104.4	103.0	102.0	20.1	20.1	19.6	85.1	83.8	82.0	80.7	79.3	80.8	37
1.4	1.4	1.5	7.6	7.5	7.7	1.1	1.0	1.0	5.5	5.5	5.6	6.3	6.3	6.0	38
11.1	10.9	11.1	56.0	55.6	55.6	12.4	12.2	11.8	56.2	55.4	53.6	36.5	36.9	36.8	39
37.7	37.0	36.4	205.4	203.4	201.2	41.6	41.3	39.1	148.0	145.3	141.2	153.2	154.1	151.4	40
(*)	494.7	496.8	(*)	1,374.5	1,374.4	(*)	596.9	596.1	(*)	1,294.3	1,286.4	(*)	1,047.4	1,032.8	41
356.9	357.1	360.1	976.7	973.7	983.4	501.9	503.1	504.8	1,007.6	1,005.6	1,001.3	791.9	790.0	785.4	42
319.2	320.1	323.7	771.2	770.3	782.1	460.3	461.9	465.7	859.7	860.4	860.2	638.7	635.9	634.0	43
295.3	296.1	300.9	687.1	686.8	698.1	442.5	444.2	448.2	777.6	779.5	780.2	572.1	569.2	569.3	44
2.8	2.8	2.8	13.9	13.8	13.3	2.5	2.5	2.4	13.1	13.1	12.6	18.9	18.9	17.8	45
12.7	12.6	12.7	63.9	63.3	63.5	13.2	12.9	12.5	60.9	60.0	58.6	49.3	49.7	49.2	46
3.7	3.8	3.7	15.0	14.8	14.0	2.5	2.4	2.2	12.4	12.3	12.2	18.4	18.4	17.2	47
14.4	14.2	14.0	51.6	51.1	51.0	13.5	13.3	12.8	43.5	42.7	41.7	43.6	44.1	43.0	48
4.9	4.8	5.1	19.3	18.8	18.9	5.0	4.9	4.8	16.8	16.2	16.1	26.8	26.7	27.2	49
20.2	20.3	19.2	69.1	68.8	70.0	15.4	15.2	15.2	70.2	69.0	68.3	48.2	48.3	47.4	50
102.2	102.0	97.1	352.7	353.0	343.2	84.2	83.2	78.1	244.6	244.2	235.2	285.9	285.8	280.1	51
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	52
20.8	20.9	19.8	53.4	53.3	52.1	15.8	15.7	14.8	28.7	28.6	28.1	22.7	22.7	22.1	53
17.8	17.7	16.9	53.1	53.2	53.0	14.2	14.3	13.9	39.1	39.2	37.2	33.1	33.0	32.2	54
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	55
12.4	12.2	12.2	52.9	52.1	48.3	7.6	7.4	7.3	35.7	35.5	34.1	51.3	51.0	51.0	56
3.1	3.1	3.1	14.0	13.8	13.3	2.6	2.6	2.5	9.9	10.1	9.5	10.4	10.5	10.1	57
225.0	224.0	223.6	831.8	824.8	813.0	172.7	171.2	166.4	640.1	634.1	620.5	609.7	608.0	601.2	58
15.5	15.5	15.6	52.1	51.7	50.8	8.6	8.6	8.4	39.6	39.2	37.7	38.8	39.1	38.5	59
7.1	7.0	6.9	28.5	28.2	27.5	5.0	5.0	4.7	22.7	22.6	21.9	14.5	14.4	14.2	60
34.3	34.2	34.0	113.6	113.0	111.3	28.0	27.9	27.1	91.4	89.1	87.5	73.7	73.9	73.8	61

ESTABLISHMENT DATA  
STATE AND AREA EMPLOYMENT

B-7: Employees on nonagricultural payrolls

(In thousands)

	State and area	TOTAL			Mining			Contract construction			Manufacturing		
		May 1973 <sup>P</sup>	Apr. 1973	May 1972	May 1973 <sup>P</sup>	Apr. 1973	May 1972	May 1973 <sup>P</sup>	Apr. 1973	May 1972	May 1973 <sup>P</sup>	Apr. 1973	May 1972
1	OHIO—Continued												
2	Cleveland .....	861.5	855.3	840.3	1.2	1.4	1.5	29.5	28.2	29.0	282.8	281.5	271.0
3	Columbus .....	414.1	411.7	403.4	.8	.8	.8	19.6	19.3	20.8	89.8	89.8	87.0
4	Dayton .....	331.1	329.7	325.5	.5	.5	.5	12.6	12.0	12.4	116.7	116.7	114.0
5	Toledo .....	257.1	255.6	250.7	.4	.4	.4	10.5	10.1	9.7	82.4	82.1	79.5
6	Youngstown—Warren .....	212.5	210.3	202.7	.3	.3	.3	7.4	7.3	6.9	94.6	93.8	88.8
7	OKLAHOMA	831.0	824.0	806.5	37.3	36.8	37.1	45.6	43.3	40.5	144.7	144.6	137.4
8	Oklahoma City .....	285.7	284.5	277.9	7.1	7.1	6.9	18.4	18.0	16.9	40.1	40.2	39.2
9	Tulsa .....	192.2	190.9	186.8	12.7	12.6	12.9	11.6	11.2	10.4	42.1	42.3	39.6
10	OREGON	810.1	803.2	765.9	1.9	1.9	1.6	41.2	39.4	35.2	187.3	187.1	178.8
11	Eugene—Springfield .....	81.9	81.1	77.3	(1)	(1)	(1)	3.9	3.7	3.4	21.4	21.1	20.2
12	Portland .....	425.1	422.4	403.0	(1)	(1)	(1)	22.5	21.9	19.9	92.5	92.2	86.2
	Salem .....	61.4	61.6	59.5	(1)	(1)	(1)	3.3	3.1	3.0	9.9	10.0	9.5
13	PENNSYLVANIA	4,462.1	4,433.8	4,371.4	40.6	40.7	40.7	205.1	196.7	202.2	1,470.2	1,465.0	1,425.1
14	Allentown—Bethlehem—Easton .....	232.4	231.3	222.7	.6	.6	.6	10.4	10.1	10.3	103.2	103.0	99.1
15	Altoona .....	49.2	49.3	49.2	(1)	(1)	(1)	2.2	2.0	2.0	15.1	15.5	15.3
16	Delaware Valley <sup>11</sup> .....	1,544.4	1,537.4	1,513.5	1.2	1.2	1.2	75.6	75.6	69.9	435.6	434.2	429.2
17	Erie .....	108.5	108.1	103.4	(1)	(1)	(1)	4.0	3.7	3.9	45.9	46.0	43.6
18	Harrisburg .....	195.8	194.8	189.1	(1)	(1)	(1)	8.7	8.7	9.6	41.7	41.2	39.1
19	Johnstown .....	82.5	82.0	81.0	6.5	6.5	6.4	3.2	2.9	3.2	24.1	24.0	23.9
20	Lancaster .....	136.6	136.2	129.2	(1)	(1)	(1)	8.2	8.0	7.7	56.7	56.8	53.3
21	Philadelphia SMSA	1,826.3	1,819.9	1,786.9	1.4	1.3	1.3	91.0	92.4	85.4	503.4	502.1	497.1
22	Philadelphia City <sup>12</sup> .....	877.4	877.3	871.0	-	-	-	30.8	31.2	31.5	213.7	213.5	211.5
23	Pittsburgh .....	873.4	870.0	865.7	10.2	10.4	10.6	39.3	38.1	40.3	263.3	262.4	257.2
24	Reading .....	130.1	129.9	127.0	(1)	(1)	(1)	4.3	4.2	4.6	54.7	54.9	54.1
25	Scranton .....	88.7	88.4	88.7	.3	.3	.4	2.9	2.8	2.9	32.5	32.6	33.0
26	Wilkes-Barre—Hazleton .....	126.8	126.6	126.5	1.6	1.6	1.3	6.3	6.6	5.7	50.8	50.9	51.5
27	Williamsport .....	45.7	45.2	43.7	(1)	(1)	(1)	2.1	2.0	1.7	19.0	18.7	18.2
28	York .....	138.9	138.5	136.3	(1)	(1)	(1)	9.1	9.3	10.1	59.5	59.2	58.4
29	RHODE ISLAND	363.9	361.6	354.9	(1)	(1)	(1)	15.9	15.3	15.7	121.8	122.2	117.8
30	Providence—Warwick—Pawtucket .....	376.5	374.6	367.8	(1)	(1)	(1)	16.0	15.4	15.7	136.9	137.4	133.1
31	SOUTH CAROLINA	965.3	960.4	911.2	1.7	1.7	1.7	68.2	65.7	60.2	366.6	364.8	350.5
32	Charleston .....	92.4	92.9	92.5	(1)	(1)	(1)	6.5	6.6	6.8	12.7	12.6	12.7
33	Columbia .....	134.2	134.4	128.4	(1)	(1)	(1)	10.0	9.9	9.1	24.2	24.1	22.5
34	Greenville .....	(*)	140.8	134.6	(*)	(1)	(1)	(*)	10.4	10.4	(*)	61.6	58.5
35	SOUTH DAKOTA	200.5	197.6	190.9	2.3	2.3	2.2	10.6	9.5	8.4	19.1	18.8	17.7
36	Rapid City .....	22.0	21.5	20.9	.1	.1	.1	1.6	1.4	1.3	2.1	2.2	2.4
37	Sioux Falls .....	39.8	39.1	38.3	(1)	(1)	(1)	1.7	1.5	1.6	6.5	6.3	6.1
38	TENNESSEE	1,506.0	1,498.8	1,443.3	7.3	7.0	7.2	77.4	75.3	75.1	500.9	498.0	483.6
39	Chattanooga .....	139.4	138.8	137.5	.3	.3	.4	5.8	5.8	5.9	54.6	54.1	53.3
40	Knoxville .....	161.8	161.1	155.7	1.6	1.6	1.6	9.3	9.3	8.4	49.4	49.2	46.8
41	Memphis .....	312.9	310.7	298.8	.2	.2	.2	14.8	14.5	15.2	62.2	61.0	59.2
42	Nashville .....	236.7	236.1	230.9	(1)	(1)	(1)	14.5	14.2	13.3	63.1	63.0	62.0
43	TEXAS	4,032.8	4,017.8	3,871.0	102.7	101.8	102.8	271.0	268.6	246.9	764.4	762.2	738.8
44	Amarillo .....	52.1	51.7	51.7	(1)	(1)	(1)	2.3	2.2	1.9	7.0	7.0	6.8
45	Austin .....	141.1	141.0	132.6	(1)	(1)	(1)	9.4	9.6	10.0	13.1	13.1	12.6
46	Beaumont—Port Arthur—Orange .....	110.1	109.7	109.5	(1)	(1)	(1)	7.0	7.0	7.8	38.2	38.0	37.1
47	Corpus Christi .....	89.1	88.9	88.4	3.5	3.5	3.7	7.4	7.4	7.3	11.0	11.0	10.6
48	Dallas .....	721.7	717.9	689.7	7.9	7.9	8.3	44.7	44.3	40.5	160.2	158.6	149.9
49	El Paso .....	120.9	120.7	115.6	(1)	(1)	(1)	9.2	9.2	8.1	27.6	27.6	26.2
50	Fort Worth .....	271.4	270.3	265.5	1.4	1.4	1.4	15.3	14.9	15.1	72.5	72.4	71.3
51	Galveston—Texas City .....	57.6	56.9	54.6	(1)	(1)	(1)	3.4	3.1	2.6	11.0	11.1	11.2
52	Houston .....	841.7	838.1	816.6	32.2	32.1	30.5	68.8	68.7	67.2	152.5	152.4	148.7
53	Lubbock .....	66.1	65.9	61.1	(1)	(1)	(1)	3.3	3.2	3.2	8.3	8.2	7.6
54	San Antonio .....	286.1	285.3	277.5	1.6	1.6	1.5	19.9	19.7	18.0	34.5	34.4	33.8
55	Waco .....	55.0	55.1	53.7	(1)	(1)	(1)	3.1	3.0	2.8	13.4	13.6	13.0
56	Wichita Falls .....	39.4	39.7	38.7	2.0	2.0	2.0	1.6	1.6	1.8	5.5	5.8	5.0
57	UTAH	415.3	412.5	395.3	12.5	12.4	12.2	21.6	20.2	20.2	63.4	62.6	58.0
58	Salt Lake City .....	224.5	222.0	211.2	6.4	6.4	6.5	12.5	12.1	11.9	34.6	34.2	31.9

See footnotes at end of table.

ESTABLISHMENT DATA  
STATE AND AREA EMPLOYMENT

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

(In thousands)

Transportation and public utilities			Wholesale and retail trade			Finance, insurance, and real estate			Services			Government			
May 1973 <sup>P</sup>	Apr. 1973	May 1972	May 1973 <sup>P</sup>	Apr. 1973	May 1972	May 1973 <sup>P</sup>	Apr. 1973	May 1972	May 1973 <sup>P</sup>	Apr. 1973	May 1972	May 1973 <sup>P</sup>	Apr. 1973	May 1972	
48.9	48.6	49.8	187.9	186.5	185.2	43.4	43.3	42.2	148.2	147.0	144.9	119.7	118.9	116.8	1
22.2	22.1	21.5	90.2	89.7	88.0	29.3	29.1	27.9	75.9	75.1	71.7	86.3	85.8	85.6	2
12.5	12.4	12.7	64.1	63.3	62.2	10.8	10.7	10.4	53.4	53.8	52.1	60.5	60.3	61.2	3
17.7	17.2	17.4	56.8	56.3	55.9	8.5	8.4	8.3	43.0	42.8	41.5	37.8	38.4	37.9	4
10.7	10.6	10.0	40.3	39.8	39.7	6.3	6.3	6.0	30.1	29.7	29.0	22.8	22.6	22.1	5
54.9	54.7	53.6	183.9	183.0	181.3	41.8	41.6	39.8	127.2	125.3	122.6	195.6	194.7	194.2	6
18.5	18.5	17.9	67.0	66.8	64.1	17.6	17.5	17.2	42.1	41.8	41.3	74.9	74.6	74.4	7
16.0	15.9	15.9	43.9	43.5	43.0	10.5	10.3	10.2	35.5	35.2	35.0	19.9	19.9	19.8	8
52.8	52.5	49.9	189.6	187.8	175.3	42.4	41.9	39.2	133.0	131.6	124.7	161.9	161.0	161.2	9
4.6	4.6	4.7	18.0	17.7	16.4	3.4	3.5	3.3	12.4	12.3	11.6	18.2	18.2	17.7	10
31.0	30.9	30.3	105.8	104.7	98.1	28.5	28.3	26.6	78.4	78.2	74.5	66.4	66.2	67.4	11
2.3	2.2	2.2	12.8	12.7	12.5	3.4	3.4	3.2	9.1	9.4	8.9	20.6	20.8	20.2	12
264.1	264.1	263.7	879.5	874.5	859.9	207.0	206.6	200.7	729.9	720.2	718.6	665.7	666.0	660.5	13
12.3	12.2	12.1	42.4	42.2	39.7	7.3	7.2	6.8	33.6	33.3	31.9	22.6	22.7	22.2	14
7.1	7.1	6.8	8.9	8.8	9.2	1.4	1.4	1.4	7.7	7.7	7.8	6.8	6.8	6.7	15
85.9	86.1	88.5	320.4	317.8	313.1	98.7	98.6	96.2	296.2	293.3	289.0	230.8	230.6	226.4	16
5.8	5.8	5.9	19.1	19.0	18.6	3.9	3.9	3.6	16.6	16.4	15.3	13.2	13.3	12.5	17
13.9	13.8	13.7	38.9	39.0	37.4	10.0	10.0	9.5	32.1	31.5	30.8	50.5	50.6	49.0	18
5.6	5.5	5.5	14.9	14.8	14.3	2.5	2.5	2.4	12.5	12.6	12.3	13.2	13.2	13.0	19
6.2	6.1	5.8	28.2	28.0	26.7	3.7	3.7	3.2	21.3	21.1	20.4	12.3	12.5	12.1	20
100.7	100.9	102.9	394.7	391.3	383.3	111.1	110.8	107.5	342.7	339.7	334.0	281.3	281.4	275.4	21
62.9	62.8	63.0	175.0	175.1	173.6	70.3	70.4	70.5	170.3	170.3	167.5	154.4	154.0	153.4	22
58.4	58.2	58.7	183.1	181.6	180.4	38.8	38.7	38.5	162.9	162.9	163.7	117.4	117.7	116.3	23
6.1	6.0	6.0	23.8	23.8	22.9	5.4	5.3	5.2	19.1	19.0	18.6	16.7	16.7	15.6	24
4.8	4.8	5.0	18.3	18.2	17.8	3.0	3.0	2.9	16.5	16.3	16.2	10.4	10.4	10.5	25
6.7	6.7	6.8	21.5	21.2	22.9	4.9	4.9	4.4	17.0	16.7	16.8	18.0	18.0	17.1	26
2.1	2.1	2.1	8.3	8.2	7.9	2.0	1.9	1.8	6.8	6.9	6.7	5.4	5.4	5.3	27
6.3	6.4	6.1	27.5	27.4	26.2	3.0	3.0	3.0	18.4	18.1	17.6	15.1	15.1	14.9	28
15.5	14.3	15.3	78.1	77.8	75.7	17.0	16.9	16.1	61.0	60.4	59.9	54.6	54.7	54.4	29
15.5	14.3	15.1	79.7	79.5	77.4	17.1	17.0	16.1	59.8	59.3	59.2	51.5	51.7	51.2	30
43.1	42.7	40.2	169.9	169.5	158.0	35.7	35.2	33.3	109.6	108.7	101.6	170.5	172.1	165.7	31
5.8	5.9	5.8	18.6	18.6	18.9	3.9	3.8	3.8	12.3	12.4	11.9	32.6	33.0	32.6	32
7.7	7.7	7.6	26.4	26.6	25.8	8.1	8.1	7.8	19.2	19.2	18.5	38.6	38.8	37.1	33
(*)	6.4	5.9	(*)	25.6	24.6	(*)	5.1	4.9	(*)	17.2	16.4	(*)	14.5	13.9	34
11.5	11.5	11.1	50.9	50.2	47.6	8.0	7.9	7.6	38.6	38.0	37.0	59.5	59.4	59.3	35
1.6	1.6	1.5	6.2	5.9	5.7	.7	.7	.7	4.5	4.4	4.0	5.2	5.2	5.2	36
3.9	3.8	3.5	11.3	11.3	11.2	2.1	2.0	2.0	8.9	8.8	8.5	5.4	5.4	5.4	37
71.2	71.0	69.1	311.9	311.0	294.3	65.5	65.2	61.9	219.7	219.1	210.7	252.1	252.2	241.4	38
6.6	6.6	6.3	26.0	25.8	25.3	8.1	8.0	7.5	17.6	17.7	17.8	20.4	20.5	21.0	39
7.4	7.2	7.3	35.3	35.4	33.0	5.8	5.8	6.0	21.9	21.8	21.4	31.1	30.8	31.2	40
21.2	21.1	20.4	80.9	80.5	79.4	18.5	18.4	17.3	55.9	55.5	52.2	59.2	59.5	54.9	41
14.1	14.1	14.0	49.8	49.9	48.8	17.1	17.0	16.8	40.3	40.2	39.3	37.8	37.7	36.7	42
265.8	265.4	261.6	988.8	983.6	945.7	231.1	229.2	214.9	675.1	672.6	643.9	733.9	734.4	716.4	43
5.0	4.9	5.0	14.7	14.6	14.9	2.7	2.7	2.5	10.3	10.3	10.7	10.1	10.0	9.9	44
4.7	4.7	4.1	28.3	28.2	26.3	8.7	8.6	7.4	20.2	20.2	19.8	56.7	56.6	52.4	45
8.8	8.7	8.6	21.1	21.0	21.3	3.9	3.9	3.9	15.4	15.4	15.5	15.7	15.7	15.3	46
6.2	6.2	6.1	23.2	23.1	23.1	4.1	4.1	4.0	13.7	13.7	13.4	20.0	19.9	20.2	47
55.2	55.0	52.8	188.1	188.4	182.7	61.9	61.3	59.0	117.0	116.1	114.2	86.7	86.3	82.3	48
9.0	9.0	8.9	29.2	29.1	27.7	5.4	5.3	5.1	16.2	16.2	16.1	24.3	24.3	23.5	49
14.2	14.1	14.4	69.2	68.8	66.6	13.7	13.6	13.2	47.5	47.6	46.4	37.6	37.5	37.1	50
7.2	7.3	5.2	9.9	9.5	9.8	3.1	3.1	3.0	7.7	7.5	7.9	15.3	15.3	14.9	51
67.6	67.1	65.2	203.2	202.2	197.1	53.5	53.0	49.4	163.6	162.9	157.0	100.3	99.7	101.5	52
4.7	4.8	4.1	20.4	20.4	17.9	3.2	3.2	3.3	11.1	11.0	10.8	15.1	15.1	14.2	53
11.8	11.8	11.5	69.1	68.6	67.6	19.5	19.3	18.1	46.5	46.4	45.6	83.2	83.5	81.4	54
2.7	2.7	2.6	12.4	12.4	12.6	2.9	2.9	2.8	11.2	11.2	10.9	9.3	9.3	9.0	55
2.4	2.3	2.3	10.0	10.0	9.8	1.7	1.7	1.6	6.0	6.1	5.8	10.2	10.2	10.4	56
25.0	24.9	24.1	97.7	95.8	90.1	18.3	18.2	17.0	68.2	69.7	65.6	108.6	108.7	108.0	57
16.4	16.4	15.9	60.2	59.2	56.2	13.5	13.3	12.6	39.1	38.7	36.2	41.8	41.8	40.0	58

**ESTABLISHMENT DATA  
STATE AND AREA EMPLOYMENT**

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

(In thousands)

	State and area	TOTAL			Mining			Contract construction			Manufacturing		
		May 1973 <sup>P</sup>	Apr. 1973	May 1972	May 1973 <sup>P</sup>	Apr. 1973	May 1972	May 1973 <sup>P</sup>	Apr. 1973	May 1972	May 1973 <sup>P</sup>	Apr. 1973	May 1972
1	VERMONT .....	156.5	154.4	149.6	.9	.9	.9	9.8	8.7	9.1	40.5	40.1	38.2
2	Burlington <sup>13</sup> .....	40.1	39.6	38.7	-	-	-	-	-	-	8.7	8.6	8.8
3	Springfield <sup>13</sup> .....	13.1	12.9	12.0	-	-	-	-	-	-	6.1	6.0	5.1
4	VIRGINIA <sup>3</sup> .....	1,616.0	1,610.6	1,556.9	15.6	15.7	16.1	112.2	108.9	104.7	390.1	391.5	377.9
5	Lynchburg .....	56.4	56.2	53.7	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	3.0	2.9	3.2	25.0	25.0	23.7
6	Newport News-Hampton .....	111.7	111.4	107.4	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	6.0	5.9	5.6	34.7	35.1	32.6
7	Norfolk-Virginia Beach-Portsmouth .....	213.3	212.2	208.5	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	16.5	16.1	16.0	19.9	20.2	19.9
8	Northern Virginia <sup>14</sup> .....	310.4	308.8	301.9	.4	.4	.4	27.9	27.0	25.9	10.8	10.7	10.1
9	Richmond .....	259.4	258.6	247.7	.2	.2	.2	17.3	16.9	15.0	51.6	51.6	50.2
10	Roanoke .....	86.8	86.8	85.3	.1	.1	.1	5.3	5.0	5.4	20.4	20.6	20.1
11	WASHINGTON .....	1,145.3	1,132.0	1,098.6	2.0	1.9	1.8	54.4	52.0	52.3	235.7	230.9	220.2
12	Seattle-Everett .....	524.9	521.2	501.1	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	22.3	21.4	20.5	115.9	114.9	104.7
13	Spokane .....	96.5	96.1	96.0	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	5.8	5.6	5.6	13.8	13.9	12.7
14	Tacoma .....	109.9	109.2	106.6	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	5.3	5.1	4.7	20.1	20.0	19.7
15	WEST VIRGINIA .....	540.6	539.1	540.8	49.2	50.3	53.8	34.3	33.8	34.9	125.5	124.4	122.7
16	Charleston .....	84.1	83.7	83.4	4.3	4.3	4.3	4.3	4.1	4.4	15.1	15.0	15.2
17	Huntington-Ashland .....	82.4	81.7	80.8	.7	.6	.7	3.6	3.5	3.2	26.8	26.4	26.1
18	Wheeling .....	59.1	58.8	58.3	5.7	5.7	5.7	1.9	1.8	2.1	14.9	14.9	14.3
19	WISCONSIN .....	1,620.2	1,602.4	1,566.3	2.5	2.3	2.7	63.7	58.0	61.9	511.2	509.3	483.5
20	Appleton-Oshkosh .....	104.7	103.5	100.1	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	4.1	3.7	3.9	41.5	41.1	38.2
21	Green Bay .....	60.6	59.6	58.2	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	2.9	2.7	2.8	17.7	17.6	16.7
22	Kenosha .....	40.5	39.6	36.9	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	1.2	1.1	1.3	18.3	17.7	15.4
23	La Crosse .....	31.8	31.5	30.6	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	1.3	1.1	1.2	8.3	8.3	8.1
24	Madison .....	129.7	128.6	126.0	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	6.2	5.7	6.4	16.0	15.8	15.5
25	Milwaukee .....	585.4	581.0	573.3	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	22.9	20.9	20.5	201.0	201.4	194.3
26	Racine .....	59.3	59.0	56.1	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	1.6	1.7	1.5	26.7	26.6	24.5
27	WYOMING .....	123.5	121.2	117.3	11.5	11.5	11.5	12.1	11.5	9.6	7.0	7.0	7.1
28	Casper .....	21.0	20.9	20.0	2.9	2.9	3.0	1.5	1.5	1.3	1.8	1.8	1.7
29	Cheyenne .....	20.9	20.6	19.8	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	1.2	1.0	1.2	1.1	1.1	1.1

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

SOURCE: Cooperating State agencies listed on inside back cover.

ESTABLISHMENT DATA  
STATE AND AREA EMPLOYMENT

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

(In thousands)

Transportation and public utilities			Wholesale and retail trade			Finance, insurance, and real estate			Services			Government			
May 1973 <sup>F</sup>	Apr. 1973	May 1972	May 1973 <sup>P</sup>	Apr. 1973	May 1972	May 1973 <sup>P</sup>	Apr. 1973	May 1972	May 1973 <sup>P</sup>	Apr. 1973	May 1972	May 1973 <sup>P</sup>	Apr. 1973	May 1972	
8.4	8.2	8.0	32.2	32.0	30.8	6.6	6.4	6.2	29.5	29.2	28.5	28.8	29.1	28.0	1
2.1	2.1	2.0	8.8	8.7	8.4	-	-	-	8.0	7.7	7.6	-	-	-	2
.8	.8	.8	1.8	1.8	1.8	-	-	-	1.9	1.9	1.9	-	-	-	3
102.0	101.5	99.3	333.7	332.5	321.0	78.8	78.7	74.7	247.1	245.5	237.4	336.5	336.3	325.8	4
2.6	2.6	2.5	9.5	9.4	8.7	2.4	2.4	2.2	7.4	7.5	7.0	6.5	6.4	6.4	5
3.7	3.6	3.6	19.3	19.0	17.8	3.5	3.4	3.1	14.2	14.1	14.1	30.3	30.3	30.6	6
16.0	16.1	16.0	52.4	51.8	50.0	10.5	10.4	10.0	34.9	34.4	33.3	63.1	63.2	63.3	7
23.0	22.9	22.4	71.5	71.0	69.2	20.2	20.1	18.7	58.6	58.4	57.2	98.0	98.3	98.0	8
18.8	18.6	17.8	58.0	57.9	54.6	20.6	20.6	20.0	38.9	38.8	37.5	54.0	54.0	52.4	9
10.5	10.5	10.4	19.2	19.1	18.9	4.8	4.8	4.6	14.9	14.9	14.5	11.6	11.8	11.3	10
72.2	71.4	70.4	257.3	253.3	245.5	64.3	64.0	61.2	196.4	195.2	183.4	263.0	263.3	263.8	11
39.2	38.6	38.3	117.8	116.6	114.8	37.3	37.2	35.9	89.6	89.0	85.1	102.8	103.5	101.8	12
7.4	7.3	7.3	24.6	24.3	25.0	5.9	5.8	5.7	20.8	20.8	20.7	18.2	18.4	19.0	13
5.8	5.7	5.6	23.7	23.4	23.2	5.9	5.9	5.8	20.6	20.6	20.0	28.5	28.5	27.6	14
40.6	40.4	40.3	103.7	103.7	101.5	17.0	16.9	16.6	71.6	71.0	71.3	98.7	98.7	99.7	15
8.5	8.4	8.4	19.4	19.3	19.0	4.0	3.9	3.9	13.6	13.6	13.3	14.9	14.9	15.0	16
6.9	6.9	6.8	17.1	17.1	16.9	3.0	3.0	2.9	11.2	11.0	11.0	13.2	13.3	13.2	17
3.8	3.8	3.8	13.3	13.2	13.0	2.4	2.4	2.3	10.3	10.2	10.3	6.9	6.8	6.9	18
84.3	82.5	82.1	357.6	350.9	344.9	66.3	65.9	63.4	255.6	253.7	249.0	279.1	279.8	278.8	19
4.4	4.4	4.3	21.0	20.7	20.7	3.8	3.8	3.7	15.4	15.3	14.9	14.4	14.5	14.4	20
4.9	4.8	4.9	15.1	14.9	14.5	1.7	1.6	1.6	10.0	9.9	9.5	8.3	8.2	8.1	21
1.3	1.2	1.5	7.1	7.0	6.6	.7	.7	.7	6.4	6.3	6.0	5.5	5.5	5.3	22
2.2	2.2	2.2	8.0	7.8	7.4	.7	.7	.7	6.4	6.4	6.2	4.8	5.0	4.9	23
5.2	5.1	5.1	27.3	27.0	26.9	7.4	7.3	6.8	20.7	20.5	19.4	46.9	47.2	45.9	24
31.5	30.8	30.6	126.8	124.9	124.1	29.5	29.6	29.1	97.4	97.1	98.3	76.3	76.3	76.5	25
2.0	2.0	2.0	10.6	10.5	10.2	1.5	1.5	1.5	8.8	8.8	8.5	8.0	8.0	7.8	26
11.2	11.2	10.4	26.5	26.2	25.7	3.7	3.7	3.7	18.8	17.8	17.8	32.7	32.3	31.5	27
1.7	1.7	1.6	5.4	5.4	4.8	.9	.9	.8	2.8	2.8	2.9	4.0	3.9	3.9	28
2.5	2.5	2.5	5.1	5.0	4.4	1.0	1.0	.9	3.6	3.6	3.5	6.4	6.4	6.2	29





**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				
		June 1973P	May 1973P	Apr. 1973	June 1972	May 1972	June 1973P	May 1973P	Apr. 1973	June 1972	May 1972
	<b>TOTAL PRIVATE</b> .....	\$145.13	\$142.45	\$141.33	\$135.76	\$133.58	\$3.87	\$3.85	\$3.83	\$3.63	\$3.62
	<b>MINING</b> .....	199.52	195.89	191.82	186.62	182.16	4.64	4.62	4.60	4.34	4.33
10	<b>METAL MINING</b> .....	-	197.50	197.54	184.36	179.99	-	4.68	4.67	4.40	4.39
101	Iron ores.....	-	191.30	187.79	184.50	178.80	-	4.48	4.45	4.50	4.47
102	Copper ores.....	-	204.25	206.18	189.81	186.22	-	4.84	4.84	4.53	4.52
11,12	<b>COAL MINING</b> .....	-	224.64	215.25	215.06	215.06	-	5.63	5.62	5.22	5.22
12	Bituminous coal and lignite mining....	-	225.67	216.59	217.65	217.65	-	5.67	5.67	5.27	5.27
13	<b>OIL AND GAS EXTRACTION</b> .....	-	177.66	175.98	170.64	165.82	-	4.19	4.18	3.95	3.92
131,2	Crude petroleum and natural gas fields.	-	188.73	189.60	181.60	178.13	-	4.66	4.67	4.44	4.42
138	Oil and gas field services.....	-	170.91	167.23	163.07	156.88	-	3.92	3.88	3.64	3.59
14	<b>NONMETALLIC MINERALS, EXCEPT FUELS</b>	-	193.66	185.44	180.91	175.17	-	4.21	4.13	3.95	3.91
142	Crushed and broken stone.....	-	197.06	185.09	183.85	178.33	-	4.14	4.05	3.92	3.86
-	<b>CONTRACT CONSTRUCTION</b> .....	241.42	236.74	232.21	223.34	221.17	6.32	6.33	6.31	5.94	6.01
15	<b>GENERAL BUILDING CONTRACTORS</b> ..	-	221.31	218.02	206.18	206.57	-	6.08	6.09	5.68	5.77
16	<b>HEAVY CONSTRUCTION CONTRACTORS</b>	-	224.32	212.07	220.83	209.58	-	5.58	5.41	5.36	5.36
161	Highway and street construction.....	-	217.71	201.60	215.97	199.76	-	5.31	5.04	5.13	5.07
162	Heavy construction, n.e.c.....	-	230.29	219.84	226.24	218.44	-	5.83	5.71	5.60	5.63
17	<b>SPECIAL TRADE CONTRACTORS</b> .....	-	251.71	247.57	234.61	234.14	-	6.84	6.71	6.41	6.45
171	Plumbing, heating, air conditioning....	-	257.63	252.40	247.97	244.97	-	6.87	6.84	6.56	6.55
172	Painting, paper hanging, decorating....	-	219.57	214.90	199.30	202.88	-	6.22	6.14	5.76	5.83
173	Electrical work.....	-	286.10	283.86	268.42	267.78	-	7.47	7.47	6.99	7.01
174	Masonry, stonework, and plastering....	-	229.49	227.81	213.47	213.70	-	6.73	6.72	6.26	6.36
176	Roofing and sheetmetal work.....	-	201.00	195.87	184.68	187.04	-	6.00	5.99	5.70	5.72
-	<b>MANUFACTURING</b> .....	165.64	164.42	163.21	155.01	153.09	4.04	4.03	4.01	3.79	3.78
19,24,25,32-39	<b>DURABLE GOODS</b> .....	179.74	178.05	177.22	167.65	165.62	4.30	4.28	4.26	4.03	4.02
20-23,26-31	<b>NONDURABLE GOODS</b> .....	144.91	143.78	143.39	137.66	135.88	3.65	3.64	3.63	3.45	3.44
	<i>Durable Goods</i>										
19	<b>ORDNANCE AND ACCESSORIES</b> .....	178.08	178.50	175.56	172.60	170.94	4.24	4.24	4.18	4.09	4.07
192	Ammunition, except for small arms....	174.30	175.14	173.84	169.24	168.84	4.16	4.17	4.10	4.02	4.02
1923	Complete guided missiles.....	-	198.82	197.54	197.10	195.73	-	4.56	4.51	4.50	4.51
1929	Ammunition, exc. for small arms, nec	-	153.47	152.85	144.94	143.67	-	3.78	3.71	3.57	3.53
24	<b>LUMBER AND WOOD PRODUCTS</b> .....	146.37	145.08	144.26	139.19	135.88	3.57	3.53	3.51	3.33	3.29
242	Sawmills and planing mills.....	(*)	139.94	139.81	134.50	131.97	(*)	3.43	3.41	3.21	3.18
2421	Sawmills and planing mills, general.	-	144.73	145.38	139.02	136.78	-	3.53	3.52	3.31	3.28
243	Millwork, plywood & related products.	(*)	151.20	150.84	146.51	142.83	(*)	3.67	3.67	3.48	3.45
2431	Millwork.....	-	144.04	141.81	137.83	133.96	-	3.61	3.59	3.42	3.40
2432	Veneer and plywood.....	-	157.99	159.90	151.38	150.25	-	3.70	3.71	3.48	3.47
244	Wooden containers.....	113.83	113.43	109.20	106.67	105.34	2.86	2.85	2.80	2.66	2.66
2441,2	Wooden boxes, shooks, and crates....	-	106.92	102.04	103.57	102.54	-	2.70	2.63	2.57	2.57
249	Miscellaneous wood products.....	(*)	126.27	125.44	120.41	118.56	(*)	3.05	3.03	2.86	2.85
25	<b>FURNITURE AND FIXTURES</b> .....	130.49	128.95	127.76	125.05	121.81	3.23	3.24	3.21	3.05	3.03
251	Household furniture.....	123.32	122.19	121.39	117.79	114.97	3.06	3.07	3.05	2.88	2.86
2511	Wood household furniture.....	-	116.47	115.54	112.05	109.34	-	2.89	2.86	2.70	2.68
2512	Upholstered household furniture.....	-	127.92	127.98	124.43	122.36	-	3.28	3.29	3.08	3.09
2515	Mattresses and bedsprings.....	-	135.09	132.38	125.05	122.43	-	3.42	3.36	3.19	3.18
252	Office furniture.....	-	151.89	149.20	151.44	146.43	-	3.66	3.64	3.53	3.52
254	Partitions and fixtures.....	-	154.84	152.86	154.13	146.52	-	3.93	3.86	3.75	3.70
253,9	Other furniture and fixtures.....	144.18	139.12	138.73	134.94	132.26	3.56	3.54	3.53	3.34	3.34
32	<b>STONE, CLAY, AND GLASS PRODUCTS</b> ..	177.22	175.54	173.44	165.78	162.54	4.16	4.14	4.11	3.91	3.87
321	Flat glass.....	-	220.67	220.51	198.08	200.22	-	5.12	5.14	4.75	4.70
322	Glass and glassware, pressed or blown	170.47	171.70	173.38	161.96	162.38	4.23	4.25	4.26	3.96	3.98
3221	Glass containers.....	-	179.08	182.52	171.81	171.39	-	4.40	4.43	4.14	4.16
3229	Pressed and blown glass, n.e.c.....	-	161.20	161.20	148.37	149.51	-	4.04	4.02	3.70	3.71
324	Cement, hydraulic.....	230.78	231.12	223.44	221.75	215.37	5.43	5.40	5.32	5.23	5.14
325	Structural clay products.....	-	141.36	138.94	130.92	129.97	-	3.39	3.34	3.17	3.17
3251	Brick and structural clay tile.....	-	135.43	132.61	125.76	123.37	-	3.24	3.18	2.98	2.98
326	Pottery and related products.....	-	142.13	142.04	137.36	132.93	-	3.58	3.56	3.40	3.34
327	Concrete, gypsum, and plaster products.....	(*)	186.48	181.33	178.89	172.70	(*)	4.20	4.14	4.02	3.97
328,9	Other stone and nonmetallic mineral products.....	175.07	173.38	171.72	162.12	159.29	4.10	4.07	4.05	3.86	3.82
3291	Abrasive products.....	-	171.36	175.11	158.80	158.80	-	4.20	4.24	3.98	3.97

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				
		June 1973 <sup>P</sup>	May 1973 <sup>P</sup>	Apr. 1973	June 1972	May 1972	June 1973 <sup>P</sup>	May 1973 <sup>P</sup>	Apr. 1973	June 1972	May 1972
-	<b>TOTAL PRIVATE</b> . . . . .	37.5	37.0	36.9	37.4	36.9	-	-	-	-	-
-	<b>MINING</b> . . . . .	43.0	42.4	41.7	43.0	42.3	-	-	-	-	-
10	METAL MINING . . . . .	-	42.2	42.3	41.9	41.0	-	-	-	-	-
101	Iron ores . . . . .	-	42.7	42.2	41.0	40.0	-	-	-	-	-
102	Copper ores . . . . .	-	42.2	42.6	41.9	41.2	-	-	-	-	-
11,12	<b>COAL MINING</b> . . . . .	-	39.9	38.3	41.2	41.2	-	-	-	-	-
12	Bituminous coal and lignite mining . . . . .	-	39.8	38.2	41.3	41.3	-	-	-	-	-
13	<b>OIL AND GAS EXTRACTION</b> . . . . .	-	42.4	42.1	43.2	42.3	-	-	-	-	-
131,2	Crude petroleum and natural gas fields . . . . .	-	40.5	40.6	40.9	40.3	-	-	-	-	-
138	Oil and gas field services . . . . .	-	43.6	43.1	44.8	43.7	-	-	-	-	-
14	<b>NONMETALLIC MINERALS, EXCEPT FUELS</b> . . . . .	-	46.0	44.9	45.8	44.8	-	-	-	-	-
142	Crushed and broken stone . . . . .	-	47.6	45.7	46.9	46.2	-	-	-	-	-
-	<b>CONTRACT CONSTRUCTION</b> . . . . .	38.2	37.4	36.8	37.6	36.8	-	-	-	-	-
15	GENERAL BUILDING CONTRACTORS . . . . .	-	36.4	35.8	36.3	35.8	-	-	-	-	-
16	HEAVY CONSTRUCTION CONTRACTORS . . . . .	-	40.2	39.2	41.2	39.1	-	-	-	-	-
161	Highway and street construction . . . . .	-	41.0	40.0	42.1	39.4	-	-	-	-	-
162	Heavy construction, n e c . . . . .	-	39.5	38.5	40.4	38.8	-	-	-	-	-
17	SPECIAL TRADE CONTRACTORS . . . . .	-	36.8	36.3	36.6	36.3	-	-	-	-	-
171	Plumbing, heating, air conditioning . . . . .	-	37.5	36.9	37.8	37.4	-	-	-	-	-
172	Painting, paper hanging, decorating . . . . .	-	35.3	35.0	34.6	34.8	-	-	-	-	-
173	Electrical work . . . . .	-	38.3	38.0	38.4	38.2	-	-	-	-	-
174	Masonry, stonework, and plastering . . . . .	-	34.1	33.9	34.1	33.6	-	-	-	-	-
176	Roofing and sheet metal work . . . . .	-	33.5	32.7	32.4	32.7	-	-	-	-	-
-	<b>MANUFACTURING</b> . . . . .	41.0	40.8	40.7	40.9	40.5	3.8	3.8	3.8	3.5	3.3
19,24,25,32-39	<b>DURABLE GOODS</b> . . . . .	41.8	41.6	41.6	41.6	41.2	4.1	4.1	4.1	3.6	3.4
20-23,26-31	<b>NONDURABLE GOODS</b> . . . . .	39.7	39.5	39.5	39.9	39.5	3.3	3.3	3.3	3.4	3.1
	Durable Goods . . . . .										
19	<b>ORDNANCE AND ACCESSORIES</b> . . . . .	42.0	42.1	42.0	42.2	42.0	-	3.0	3.0	3.3	2.8
192	Ammunition, except for small arms . . . . .	41.9	42.0	42.4	42.1	42.0	-	2.9	3.0	2.9	2.6
1925	Complete guided missiles . . . . .	-	43.6	43.8	43.8	43.4	-	-	-	-	-
1929	Ammunition, exc. for small arms, nec . . . . .	-	40.6	41.2	40.6	40.7	-	-	-	-	-
24	<b>LUMBER AND WOOD PRODUCTS</b> . . . . .	41.0	41.1	41.1	41.8	41.3	-	4.2	4.3	4.4	4.1
242	Sawmills and planing mills . . . . .	(*)	40.8	41.0	41.9	41.5	-	4.3	4.7	4.8	4.6
2421	Sawmills and planing mills, general . . . . .	-	41.0	41.3	42.0	41.7	-	-	-	-	-
243	Millwork, plywood & related products . . . . .	(*)	41.2	41.1	42.1	41.4	-	4.0	3.9	4.4	3.8
2431	Millwork . . . . .	-	39.9	39.5	40.3	39.4	-	-	-	-	-
2432	Veneer and plywood . . . . .	-	42.7	43.1	43.5	43.3	-	-	-	-	-
244	Wooden containers . . . . .	39.8	39.8	39.0	40.1	39.6	-	3.4	2.8	3.7	3.5
2441,2	Wooden boxes, shooks, and crates . . . . .	-	39.6	38.8	40.3	39.9	-	-	-	-	-
249	Miscellaneous wood products . . . . .	(*)	41.4	41.4	42.1	41.6	-	4.2	4.1	4.3	4.1
25	<b>FURNITURE AND FIXTURES</b> . . . . .	40.4	39.8	39.8	41.0	40.2	-	2.9	3.0	3.4	3.0
251	Household furniture . . . . .	40.3	39.8	39.8	40.9	40.2	-	3.0	3.0	3.3	3.0
2511	Wood household furniture . . . . .	-	40.3	40.4	41.5	40.8	-	3.4	3.4	3.8	3.5
2512	Upholstered household furniture . . . . .	-	39.0	38.9	40.4	39.6	-	-	-	-	-
2515	Mattresses and bedsprings . . . . .	-	39.5	39.4	39.2	38.5	-	-	-	-	-
252	Office furniture . . . . .	-	41.5	41.0	42.9	41.6	-	3.7	3.3	4.6	4.0
254	Partitions and fixtures . . . . .	-	39.4	39.6	41.1	39.6	-	3.0	3.0	3.3	2.6
253,9	Other furniture and fixtures . . . . .	40.5	39.3	39.3	40.4	39.6	-	2.1	2.6	3.0	2.6
32	<b>STONE, CLAY, AND GLASS PRODUCTS</b> . . . . .	42.6	42.4	42.2	42.4	42.0	-	5.1	5.0	4.8	4.5
321	Flat glass . . . . .	-	43.1	42.9	41.7	42.6	-	5.4	5.3	3.8	3.6
322	Glass and glassware, pressed or blown . . . . .	40.3	40.4	40.7	40.9	40.8	-	4.2	4.2	4.1	4.2
3221	Glass containers . . . . .	-	40.7	41.2	41.5	41.2	-	-	-	-	-
3229	Pressed and blown glass, n e c . . . . .	-	39.9	40.1	40.1	40.3	-	3.3	3.3	3.2	3.2
324	Cement, hydraulic . . . . .	42.5	42.8	42.0	42.4	41.9	-	3.7	3.2	3.5	3.1
325	Structural clay products . . . . .	-	41.7	41.6	41.3	41.0	-	4.4	4.6	4.2	3.9
3251	Brick and structural clay tile . . . . .	-	41.8	41.7	42.2	41.4	-	-	-	-	-
326	Pottery and related products . . . . .	-	39.7	39.9	40.4	39.8	-	2.5	2.8	2.5	2.2
327	Concrete, gypsum and plaster products . . . . .	(*)	44.4	43.8	44.5	43.5	-	7.2	6.8	7.1	6.5
328,9	Other stone and nonmetallic mineral products . . . . .	42.7	42.6	42.4	42.0	41.7	-	4.5	4.6	4.1	3.8
3291	Abrasives products . . . . .	-	40.8	41.3	39.9	40.0	-	-	-	-	-

See footnotes at end of table.

# ESTABLISHMENT DATA HOURS AND EARNINGS

94

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				
		June 1973 <sup>P</sup>	May 1973 <sup>P</sup>	Apr. 1973	June 1972	May 1972	June 1973 <sup>P</sup>	May 1973 <sup>P</sup>	Apr. 1973	June 1972	May 1972
<i>Durable Goods--Continued</i>											
33	<b>PRIMARY METAL INDUSTRIES</b> .....	\$209.73	\$209.81	\$209.10	\$193.12	\$191.32	\$4.97	\$4.96	\$4.92	\$4.62	\$4.61
331	Blast furnace and basic steel products ..	(*)	221.61	221.34	205.26	204.27	(*)	5.34	5.27	4.97	4.97
3312	Blast furnaces and steel mills .....	-	224.95	224.35	207.87	207.77	-	5.46	5.38	5.07	5.08
332	Iron and steel foundries .....	(*)	200.73	203.51	183.16	181.86	(*)	4.69	4.70	4.33	4.33
3321	Gray iron foundries .....	-	206.93	212.12	184.88	184.44	-	4.79	4.81	4.34	4.35
3322	Malleable iron foundries .....	-	206.98	207.76	194.62	198.69	-	4.87	4.90	4.59	4.61
3323	Steel foundries .....	-	181.81	178.87	171.81	167.27	-	4.36	4.31	4.15	4.12
333,4	Nonferrous metals .....	(*)	198.81	197.07	184.76	180.98	(*)	4.70	4.67	4.42	4.42
3334	Primary aluminum .....	-	219.24	213.73	206.59	199.48	-	5.22	5.15	4.99	4.83
335	Nonferrous rolling and drawing .....	(*)	201.89	199.25	184.47	180.20	(*)	4.62	4.57	4.30	4.25
3351	Copper rolling and drawing .....	-	207.82	210.17	184.44	178.88	-	4.67	4.66	4.24	4.16
3352	Aluminum rolling and drawing .....	-	204.60	200.51	192.67	185.74	-	4.65	4.62	4.46	4.36
3357	Nonferrous wire drawing and insulating ..	-	199.67	193.95	179.77	177.24	-	4.59	4.50	4.22	4.20
336	Nonferrous foundries .....	169.32	171.40	170.57	158.71	158.36	4.15	4.14	4.15	3.89	3.91
3361	Aluminum castings .....	-	173.85	172.60	161.99	164.83	-	4.23	4.22	3.99	4.04
3362,9	Other nonferrous castings .....	-	168.47	168.50	155.01	151.15	-	4.04	4.08	3.79	3.76
339	Miscellaneous primary metal products ...	(*)	223.01	222.87	200.82	197.71	(*)	5.08	5.10	4.77	4.73
3391	Iron and steel forgings .....	-	240.65	240.35	210.59	207.00	-	5.42	5.45	5.05	5.00
34	<b>FABRICATED METAL PRODUCTS</b> .....	177.23	174.72	173.89	165.57	162.74	4.24	4.20	4.19	3.98	3.95
341	Metal cans .....	(*)	223.45	220.25	210.24	202.96	(*)	5.09	5.04	4.80	4.72
342	Cutlery, hand tools, and hardware .....	162.79	164.40	164.79	151.81	154.16	3.99	4.00	3.99	3.73	3.76
3421,3,5	Cutlery and hand tools, incl. saws .....	-	159.44	160.99	148.06	147.33	-	3.87	3.87	3.62	3.62
3429	Hardware, n e c .....	-	168.10	168.51	154.69	159.06	-	4.10	4.09	3.81	3.87
343	Plumbing and heating, except electric ...	156.79	156.38	155.57	149.37	145.56	3.91	3.89	3.87	3.67	3.63
3431,2	Sanitary ware & plumbers' brass goods ..	-	160.80	159.59	151.29	147.86	-	3.99	3.96	3.69	3.66
3433	Heating equipment, except electric .....	-	151.60	151.58	147.10	142.52	-	3.79	3.78	3.65	3.59
344	Fabricated structural metal products ....	170.96	170.55	168.08	161.13	158.36	4.18	4.17	4.15	3.93	3.91
3441	Fabricated structural steel .....	-	181.83	178.85	168.91	167.27	-	4.35	4.32	4.07	4.05
3442	Metal doors, sash, and trim .....	-	131.67	130.90	129.12	128.64	-	3.42	3.40	3.22	3.20
3443	Fabricated plate work (boiler shops) ...	-	177.12	176.71	168.09	163.17	-	4.32	4.31	4.13	4.11
3444	Sheet metal work .....	-	183.79	180.59	175.09	171.32	-	4.45	4.47	4.26	4.23
3446,9	Architectural and misc. metal work ...	-	168.90	163.20	156.46	153.00	-	4.06	4.00	3.77	3.75
345	Screw machine products, bolts, etc. ....	181.28	181.72	182.55	169.38	167.38	4.12	4.13	4.13	3.93	3.92
3451	Screw machine products .....	-	174.47	174.44	163.07	159.22	-	4.02	4.01	3.81	3.80
3452	Bolts, nuts, rivets, and washers .....	-	188.21	189.50	174.50	174.47	-	4.22	4.23	4.03	4.02
346	Metal stampings .....	(*)	199.45	198.52	187.88	183.56	(*)	4.66	4.66	4.40	4.36
347	Metal services, n e c .....	146.61	147.33	145.75	142.39	139.09	3.62	3.62	3.59	3.49	3.46
348	Misc. fabricated wire products .....	153.64	154.05	152.11	146.56	143.62	3.72	3.73	3.71	3.54	3.52
349	Misc. fabricated metal products .....	168.92	168.10	168.91	160.24	158.26	4.09	4.08	4.07	3.88	3.86
3494,8	Valves, pipe, and pipe fittings .....	-	170.98	171.80	163.10	160.31	-	4.14	4.12	3.93	3.91
35	<b>MACHINERY, EXCEPT ELECTRICAL</b> .....	193.48	192.15	190.38	179.77	177.23	4.51	4.50	4.49	4.26	4.24
351	Engines and turbines .....	215.37	211.97	207.47	200.10	196.18	5.14	5.12	5.11	4.81	4.75
3511	Steam engines and turbines .....	-	194.49	194.17	197.96	195.29	-	4.85	4.83	4.84	4.81
3519	Internal combustion engines, n e c .....	-	220.08	213.79	201.18	196.82	-	5.24	5.24	4.79	4.72
352	Farm machinery .....	-	188.48	178.75	180.98	178.83	-	4.52	4.48	4.34	4.33
353	Construction and related machinery .....	(*)	195.14	191.98	179.77	175.54	(*)	4.57	4.56	4.27	4.24
3531,2	Construction and mining machinery .....	-	206.45	199.86	188.24	182.13	-	4.79	4.77	4.45	4.41
3533	Oil field machinery .....	-	180.16	180.50	169.81	171.94	-	4.18	4.14	3.94	3.98
3535,6	Conveyors, hoists, cranes, monorails .....	-	184.38	183.92	175.56	170.98	-	4.39	4.40	4.19	4.16
3537	Industrial trucks and tractors .....	-	177.23	177.21	156.82	155.63	-	4.25	4.27	3.95	3.93
354	Metal working machinery .....	212.60	215.45	217.38	197.45	197.83	4.81	4.82	4.82	4.56	4.59
3541	Machine tools, metal cutting types ....	-	218.21	216.90	193.00	186.01	-	4.86	4.82	4.52	4.45
3544	Special dies, tools, jigs & fixtures ..	-	239.42	243.46	219.60	224.28	-	5.16	5.18	4.88	4.94
3545	Machine tool accessories .....	-	191.81	197.14	179.35	172.22	-	4.44	4.43	4.22	4.17
3542,8	Misc. metal working machinery .....	-	186.56	184.84	172.21	171.77	-	4.40	4.38	4.19	4.21
355	Special industry machinery .....	179.78	181.47	178.92	168.78	165.15	4.24	4.23	4.20	3.99	3.97
3551	Food products machinery .....	-	184.03	180.14	172.22	171.40	-	4.33	4.32	4.12	4.13
3552	Textile machinery .....	-	149.04	147.14	138.72	134.13	-	3.60	3.58	3.40	3.37
3555	Printing trades machinery .....	-	214.08	214.11	207.02	199.79	-	4.80	4.79	4.58	4.51
356	General industrial machinery .....	191.68	193.88	193.43	179.77	175.97	4.51	4.53	4.53	4.27	4.23
3561	Pumps and compressors .....	-	186.92	187.39	177.22	171.40	-	4.44	4.43	4.16	4.13
3562	Ball and roller bearings .....	-	209.76	214.41	190.92	187.88	-	4.80	4.84	4.44	4.40
3564	Blowers and fans .....	-	172.20	166.46	157.55	154.37	-	4.10	4.05	3.89	3.84
3566	Power transmission equipment .....	-	200.68	199.78	180.62	178.51	-	4.53	4.52	4.27	4.23
357	Office and computing machines .....	(*)	177.23	177.23	175.55	172.18	(*)	4.24	4.24	4.15	4.08
3573	Electronic computing equipment .....	-	181.90	181.05	181.85	178.07	-	4.27	4.26	4.19	4.18
358	Service industry machines .....	(*)	165.24	162.81	156.67	154.33	(*)	4.08	4.06	3.84	3.82
3585	Refrigeration machinery .....	-	166.46	164.42	158.28	154.35	-	4.11	4.08	3.87	3.83
359	Misc. machinery, except electrical .....	187.49	184.47	185.76	172.18	170.11	4.33	4.30	4.31	4.08	4.06

See footnotes at end of table.

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

SIC Code	Industry	Average weekly hours					Average overtime hours				
		June 1973 <sup>P</sup>	May 1973 <sup>P</sup>	Apr. 1973	June 1972	May 1972	June 1973 <sup>P</sup>	May 1973 <sup>P</sup>	Apr. 1973	June 1972	May 1972
<i>Durable Goods--Continued</i>											
33	<b>PRIMARY METAL INDUSTRIES</b>	42.2	42.3	42.5	41.8	41.5	-	4.5	4.7	3.8	3.6
331	Blast furnace and basic steel products	(*)	41.5	42.0	41.3	41.1	-	3.3	3.5	2.8	2.6
3312	Blast furnaces and steel mills	-	41.2	41.7	41.0	40.9	-	3.0	3.1	2.5	2.3
332	Iron and steel foundries	(*)	42.8	43.3	42.3	42.0	-	5.8	6.3	4.8	4.8
3321	Gray iron foundries	-	43.2	44.1	42.6	42.4	-	6.5	7.4	5.2	5.4
3322	Malleable iron foundries	-	42.5	42.4	42.4	43.1	-	-	-	-	-
3323	Steel foundries	-	41.7	41.5	41.4	40.6	-	4.1	4.1	3.6	2.9
333,e	Nonferrous metals	(*)	42.3	42.2	41.8	41.7	-	4.6	4.5	3.7	3.7
3334	Primary aluminum	-	42.0	41.5	41.4	41.3	-	-	-	-	-
335	Nonferrous rolling and drawing	(*)	43.7	43.6	42.9	42.4	-	5.9	5.9	5.2	4.6
3351	Copper rolling and drawing	-	44.5	45.1	43.5	43.0	-	-	-	-	-
3352	Aluminum rolling and drawing	-	44.0	43.4	43.2	42.6	-	6.2	6.1	5.5	4.7
3357	Nonferrous wire drawing and insulating	-	43.5	43.1	42.6	42.2	-	6.1	5.3	4.8	4.5
336	Nonferrous foundries	40.8	41.4	41.1	40.8	40.5	-	4.4	4.6	3.4	3.4
3361	Aluminum castings	-	41.1	40.9	40.6	40.8	-	-	-	-	-
3362,9	Other nonferrous castings	-	41.7	41.3	40.9	40.2	-	-	-	-	-
339	Miscellaneous primary metal products	(*)	43.9	43.7	42.1	41.8	-	6.2	6.5	4.7	4.6
3391	Iron and steel forgings	-	44.4	44.1	41.7	41.4	-	-	-	-	-
34	<b>FABRICATED METAL PRODUCTS</b>	41.8	41.6	41.5	41.6	41.2	-	4.2	4.1	3.7	3.3
341	Metal cans	(*)	43.9	43.7	43.8	43.0	-	4.3	4.0	5.3	3.7
342	Cutlery, hand tools, and hardware	40.8	41.1	41.3	40.7	41.0	-	3.8	3.8	3.0	2.9
3421,3,5	Cutlery and hand tools, incl. saws	-	41.2	41.6	40.9	40.7	-	-	-	-	-
3429	Hardware, n e c	-	41.0	41.2	40.6	41.1	-	-	-	-	-
343	Plumbing and heating, except electric	40.1	40.2	40.2	40.7	40.1	-	3.1	3.1	2.9	2.6
3431,2	Sanitary ware & plumbers' brass goods	-	40.3	40.3	41.0	40.4	-	-	-	-	-
3433	Heating equipment, except electric	-	40.0	40.1	40.3	39.7	-	-	-	-	-
344	Fabricated structural metal products	40.9	40.9	40.5	41.0	40.5	-	3.7	3.4	3.1	2.7
3441	Fabricated structural steel	-	41.8	41.4	41.5	41.3	-	4.0	3.9	3.3	3.2
3442	Metal doors, sash, and trim	-	38.5	38.5	40.1	40.2	-	-	-	-	-
3443	Fabricated plate work (boiler shops)	-	41.0	41.0	40.7	39.7	-	3.5	3.2	2.5	1.7
3444	Sheet metal work	-	41.3	40.4	41.1	40.5	-	-	-	-	-
3446,9	Architectural and misc. metal work	-	41.6	40.8	41.5	40.8	-	-	-	-	-
345	Screw machine products, bolts, etc.	44.0	44.0	44.2	43.1	42.7	-	6.1	6.4	4.9	4.6
3451	Screw machine products	-	43.4	43.5	42.8	41.9	-	-	-	-	-
3452	Bolts, nuts, rivets, and washers	-	44.6	44.8	43.3	43.4	-	-	-	-	-
346	Metal stampings	(*)	42.8	42.6	42.7	42.1	-	5.1	5.2	4.5	3.8
347	Metal services, n e c	40.5	40.7	40.6	40.8	40.2	-	4.1	4.1	3.9	3.8
348	Misc. fabricated wire products	41.3	41.3	41.0	41.4	40.8	-	3.7	3.9	3.6	3.4
349	Misc. fabricated metal products	41.3	41.2	41.5	41.3	41.0	-	3.9	4.0	3.6	3.2
3494,8	Valves, pipe, and pipe fittings	-	41.3	41.7	41.5	41.0	-	-	-	-	-
35	<b>MACHINERY, EXCEPT ELECTRICAL</b>	42.9	42.7	42.4	42.2	41.8	-	4.7	4.7	3.9	3.6
351	Engines and turbines	41.9	41.4	40.6	41.6	41.3	-	4.6	4.8	4.1	3.7
3511	Steam engines and turbines	-	40.1	40.2	40.9	40.6	-	-	-	-	-
3519	Internal combustion engines, n e c	-	42.0	40.8	42.0	41.7	-	-	-	-	-
352	Farm machinery	-	41.7	39.9	41.7	41.3	-	4.1	4.5	4.5	4.0
353	Construction and related machinery	(*)	42.7	42.1	42.1	41.4	-	4.4	3.4	3.5	3.1
3531,2	Construction and mining machinery	-	43.1	41.9	42.3	41.3	-	4.3	2.5	3.3	2.8
3533	Oil field machinery	-	43.1	43.6	43.1	43.2	-	-	-	-	-
3535,6	Conveyors, hoists, cranes, monorails	-	42.0	41.8	41.9	41.1	-	-	-	-	-
3537	Industrial trucks and tractors	-	41.7	41.5	39.7	39.6	-	-	-	-	-
354	Metal working machinery	44.2	44.7	45.1	43.3	43.1	-	6.7	7.0	4.8	4.8
3541	Machine tools, metal cutting types	-	44.9	45.0	42.7	41.8	-	6.5	6.9	4.0	3.4
3544	Special dies, tools, jigs, & fixtures	-	46.4	47.0	45.0	45.4	-	-	-	-	-
3545	Machine tool accessories	-	43.2	44.5	42.5	41.3	-	5.3	5.9	3.6	2.7
3542,8	Misc. metal working machinery	-	42.4	42.2	41.1	40.8	-	-	-	-	-
355	Special industry machinery	42.4	42.9	42.6	42.3	41.6	-	4.7	4.5	3.7	3.3
3551	Food products machinery	-	42.5	41.7	41.8	41.5	-	-	-	-	-
3552	Textile machinery	-	41.4	41.1	40.8	39.8	-	-	-	-	-
3555	Printing trades machinery	-	44.6	44.7	45.2	44.3	-	-	-	-	-
356	General industrial machinery	42.5	42.8	42.7	42.1	41.6	-	4.8	5.0	3.9	3.4
3561	Pumps and compressors	-	42.1	42.3	42.6	41.5	-	4.0	4.3	3.9	3.2
3562	Ball and roller bearings	-	43.7	44.3	43.0	42.7	-	5.6	6.3	4.7	4.4
3564	Blowers and fans	-	42.0	41.1	40.5	40.2	-	-	-	-	-
3566	Power transmission equipment	-	44.3	44.2	42.3	42.2	-	6.0	6.7	4.2	3.9
357	Office and computing machines	(*)	41.8	41.8	42.3	42.2	-	3.2	2.7	3.0	2.6
3573	Electronic computing equipment	-	42.6	42.5	43.4	42.6	-	-	-	-	-
358	Service industry machines	(*)	40.5	40.1	40.8	40.4	-	2.6	3.0	2.9	2.2
3585	Refrigeration machinery	-	40.5	40.3	40.9	40.3	-	2.6	3.1	3.0	2.0
359	Misc. machinery, except electrical	43.3	42.9	43.1	42.2	41.9	-	5.3	5.5	4.4	4.2

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				
		June 1973 <sup>P</sup>	May 1973 <sup>P</sup>	Apr. 1973	June 1972	May 1972	June 1973 <sup>P</sup>	May 1973 <sup>P</sup>	Apr. 1973	June 1972	May 1972
<i>Durable Goods--Continued</i>											
36	<b>ELECTRICAL EQUIPMENT AND SUPPLIES...</b>	\$155.12	\$154.71	\$153.54	\$148.56	\$146.69	\$3.83	\$3.82	\$3.81	\$3.65	\$3.64
361	Electric test & distributing equipment ...	(*)	160.68	158.71	156.15	155.39	(*)	3.90	3.89	3.79	3.79
3611	Electric measuring instruments .....	-	142.56	139.78	140.42	138.38	-	3.52	3.46	3.40	3.40
3612	Transformers .....	-	163.05	160.33	155.86	153.09	-	3.91	3.92	3.82	3.78
3613	Switchgear and switchboard apparatus..	-	175.54	173.43	169.32	170.15	-	4.24	4.23	4.08	4.10
362	Electrical industrial apparatus .....	160.27	161.87	161.09	155.21	152.93	3.89	3.91	3.91	3.74	3.73
3621	Motors and generators .....	-	163.14	162.74	158.46	156.15	-	3.95	3.95	3.80	3.79
3622	Industrial controls .....	-	152.15	150.66	146.01	143.82	-	3.72	3.72	3.57	3.56
363	Household appliances .....	163.22	162.41	160.00	158.30	158.69	4.04	4.03	4.01	3.88	3.88
3632	Household refrigerators and freezers...	-	172.53	168.27	173.47	175.98	-	4.26	4.26	4.16	4.18
3633	Household laundry equipment .....	-	182.61	178.25	175.03	170.07	-	4.52	4.49	4.29	4.22
3634	Electric housewares and fans .....	-	129.81	129.36	125.45	126.17	-	3.32	3.30	3.16	3.17
364	Electric lighting and wiring equipment...	146.43	147.86	145.20	139.20	139.20	3.67	3.66	3.63	3.48	3.48
3641	Electric lamps .....	-	155.63	148.43	142.76	141.95	-	3.75	3.72	3.56	3.54
3642	Lighting fixtures .....	-	149.23	144.99	138.65	140.23	-	3.74	3.68	3.51	3.55
3643,4	Wiring devices .....	-	143.51	143.42	138.57	137.42	-	3.57	3.55	3.43	3.41
365	Radio and TV receiving equipment .....	(*)	136.61	141.73	128.70	125.51	(*)	3.53	3.57	3.30	3.26
366	Communication equipment .....	176.28	174.62	171.23	165.24	162.41	4.31	4.28	4.27	4.04	4.02
3661	Telephone and telegraph apparatus .....	-	177.07	177.05	163.62	161.20	-	4.34	4.35	4.06	4.04
3662	Radio and TV communication equipment ..	-	172.58	167.14	166.84	163.20	-	4.23	4.21	4.03	4.00
367	Electronic components and accessories ..	128.40	128.00	127.28	124.53	122.19	3.21	3.20	3.19	3.09	3.07
3671-3	Electron tubes .....	-	161.82	160.22	145.48	143.87	-	3.89	3.87	3.61	3.57
3674,9	Other electronic components .....	-	122.28	121.57	120.50	117.91	-	3.08	3.07	2.99	2.97
369	Misc. electrical equipment & supplies...	180.56	178.87	181.86	167.25	164.84	4.33	4.31	4.33	4.03	4.05
3694	Engine electrical equipment .....	-	192.82	198.66	175.56	170.94	-	4.58	4.62	4.17	4.20
37	<b>TRANSPORTATION EQUIPMENT .....</b>	218.16	212.42	212.50	197.45	197.82	5.05	5.01	5.00	4.69	4.71
371	Motor vehicles and equipment .....	(*)	239.12	241.73	219.10	220.40	(*)	5.41	5.42	5.06	5.09
3711	Motor vehicles .....	-	246.19	249.43	228.90	226.61	-	5.57	5.58	5.25	5.27
3712	Passenger car bodies .....	-	254.29	252.19	232.26	244.64	-	5.90	5.92	5.53	5.56
3713	Truck and bus bodies .....	-	183.46	184.73	167.69	169.33	-	4.41	4.43	4.09	4.11
3714	Motor vehicle parts and accessories .....	-	242.01	244.17	217.94	220.75	-	5.39	5.39	5.01	5.04
3715	Truck trailers .....	-	154.81	157.56	150.22	147.06	-	3.88	3.90	3.70	3.64
372	Aircraft and parts .....	206.75	205.01	202.78	191.73	191.27	†4.97	†4.94	†4.91	†4.62	†4.62
3721	Aircraft .....	-	210.31	205.22	196.35	195.88	-	†5.08	†5.03	†4.72	†4.72
3722	Aircraft engines and engine parts .....	-	206.34	205.43	188.79	187.05	-	†4.96	†4.95	†4.65	†4.63
3723,9	Other aircraft parts and equipment .....	-	191.44	192.36	184.88	184.86	-	†4.58	†4.58	†4.35	†4.36
373	Ship and boat building and repairing .....	(*)	165.39	166.27	163.62	160.39	(*)	4.23	4.22	4.06	4.04
3731	Ship building and repairing .....	-	174.09	174.60	172.83	169.46	-	4.51	4.50	4.31	4.29
3732	Boat building and repairing .....	-	142.26	142.74	135.05	132.99	-	3.53	3.49	3.31	3.30
374	Railroad equipment .....	-	190.26	186.75	189.54	192.46	-	5.02	4.98	4.86	4.86
375,9	Other transportation equipment .....	-	146.40	141.93	139.90	140.75	-	3.66	3.63	3.48	3.51
38	<b>INSTRUMENTS AND RELATED PRODUCTS ..</b>	157.06	157.51	155.07	151.00	150.26	3.84	3.87	3.81	3.71	3.71
381	Engineering & scientific instruments .....	-	180.58	178.48	175.55	173.85	-	4.32	4.28	4.23	4.23
382	Mechanical measuring & control devices..	155.32	153.78	152.97	145.93	144.44	3.77	3.76	3.74	3.63	3.62
3821	Mechanical measuring devices .....	-	154.50	153.30	145.56	144.84	-	3.75	3.73	3.63	3.63
3822	Automatic temperature controls .....	-	153.09	151.88	145.93	143.68	-	3.78	3.75	3.63	3.61
383,5	Optical and ophthalmic goods .....	145.30	142.00	140.70	133.93	133.53	3.57	3.55	3.50	3.34	3.33
385	Ophthalmic goods .....	-	129.30	127.01	123.86	124.26	-	3.29	3.24	3.12	3.13
384	Medical instruments and supplies .....	(*)	137.83	137.08	133.17	132.44	(*)	3.42	3.41	3.28	3.27
386	Photographic equipment and supplies .....	(*)	198.55	193.49	188.10	188.41	(*)	4.75	4.64	4.50	4.54
387	Watches, clocks, and watchcases .....	-	120.98	119.97	116.42	116.33	-	3.11	3.10	2.94	2.96
39	<b>MISC. MANUFACTURING INDUSTRIES .....</b>	128.25	126.81	125.58	122.76	121.83	3.28	3.26	3.22	3.10	3.10
391	Jewelry, silverware, and plated ware .....	138.13	138.45	138.41	133.96	134.35	3.56	3.55	3.54	3.40	3.41
394	Toys and sporting goods .....	-	115.41	115.24	111.50	110.54	-	2.99	2.97	2.83	2.82
3941-3	Games, toys, dolls & play vehicles .....	-	108.95	109.44	106.47	104.12	-	2.89	2.88	2.73	2.74
3949	Sporting and athletic goods, n e c .....	-	121.35	121.09	116.61	117.16	-	3.08	3.05	2.93	2.90
395	Pens, pencils, office and art supplies .....	-	134.15	129.82	127.70	126.14	-	3.28	3.27	3.13	3.13
396	Costume jewelry and notions .....	-	112.86	114.94	113.58	113.00	-	2.97	2.97	2.89	2.89
393,9	Other manufacturing industries .....	(*)	(*)	132.21	129.49	128.18	(*)	(*)	3.39	3.27	3.27
393	Musical instruments and parts .....	-	132.14	132.07	125.45	124.90	-	3.32	3.31	3.16	3.17
<i>Nondurable Goods</i>											
20	<b>FOOD AND KINDRED PRODUCTS .....</b>	153.95	153.18	149.31	145.75	145.12	3.82	3.82	3.78	3.59	3.61
201	Meat products .....	(*)	158.80	148.20	150.69	150.80	(*)	3.96	3.90	3.73	3.77
2011	Meat packing plants .....	-	191.53	178.79	182.45	182.45	-	4.66	4.62	4.45	4.45
2013	Sausages and other prepared meats .....	-	177.24	169.34	173.84	169.66	-	4.22	4.41	4.24	4.21
2015	Poultry dressing plants .....	-	97.54	91.50	93.38	90.62	-	2.54	2.50	2.37	2.36

See footnotes at end of table.

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

SIC Code	Industry	Average weekly hours					Average overtime hours				
		June 1973 <sup>P</sup>	May 1973 <sup>P</sup>	Apr. 1973	June 1972	May 1972	June 1973 <sup>P</sup>	May 1973 <sup>P</sup>	Apr. 1973	June 1972	May 1972
<i>Durable Goods--Continued</i>											
36	<b>ELECTRICAL EQUIPMENT AND SUPPLIES</b>	40.5	40.5	40.3	40.7	40.3	-	2.8	2.9	2.6	2.4
361	Electric test & distributing equipment	-	41.2	40.8	41.2	41.0	-	3.0	3.1	2.9	2.7
3611	Electric measuring instruments	-	40.5	40.4	41.3	40.7	-	2.3	2.6	2.7	2.5
3612	Transformers	-	41.7	40.9	40.8	40.5	-	-	-	-	-
3613	Switchgear and switchboard apparatus	-	41.4	41.0	41.5	41.5	-	-	-	-	-
362	Electrical industrial apparatus	41.2	41.4	41.2	41.5	41.0	-	3.4	3.8	3.3	2.8
3621	Motors and generators	-	41.3	41.2	41.7	41.2	-	3.4	3.7	3.3	2.7
3622	Industrial controls	-	40.9	40.5	40.9	40.4	-	3.1	3.3	2.9	2.4
363	Household appliances	40.4	40.3	39.9	40.8	40.9	-	2.6	2.6	2.4	2.6
3632	Household refrigerators and freezers	-	40.5	39.5	41.7	42.1	-	-	-	-	-
3633	Household laundry equipment	-	40.4	39.7	40.8	40.3	-	-	-	-	-
3634	Electric housewares and fans	-	39.1	39.2	39.7	39.8	-	1.9	2.0	1.8	2.2
364	Electric lighting and wiring equipment	39.9	40.4	40.0	40.0	40.0	-	3.0	2.8	2.5	2.3
3641	Electric lamps	-	41.5	39.9	40.1	40.1	-	3.2	2.5	1.9	1.9
3642	Lighting fixtures	-	39.9	39.4	39.5	39.5	-	2.8	2.5	2.7	2.4
3643,4	Wiring devices	-	40.2	40.4	40.4	40.3	-	3.1	3.2	2.7	2.4
365	Radio and TV receiving equipment	(*)	38.7	39.7	39.0	38.5	-	1.7	2.2	2.0	1.6
366	Communication equipment	40.9	40.8	40.1	40.9	40.4	-	2.3	2.3	2.3	1.9
3661	Telephone and telegraph apparatus	-	40.8	40.7	40.3	39.9	-	-	-	-	-
3662	Radio and TV communication equipment	-	40.8	39.7	41.4	40.8	-	2.5	2.4	2.6	2.4
367	Electronic components and accessories	40.0	40.0	39.9	40.3	39.8	-	2.6	3.1	2.8	2.4
3671-3	Electron tubes	-	41.6	41.4	40.3	40.3	-	2.7	3.3	2.3	2.9
3674,9	Other electronic components	-	39.7	39.6	40.3	39.7	-	2.5	3.1	2.9	2.3
369	Misc. electrical equipment & supplies	41.7	41.5	42.0	41.5	40.7	-	3.8	3.9	2.9	2.8
3694	Engine electrical equipment	-	42.1	43.0	42.1	40.7	-	-	-	-	-
37	<b>TRANSPORTATION EQUIPMENT</b>	43.2	42.4	42.5	42.1	42.0	-	5.0	5.1	4.0	3.9
371	Motor vehicles and equipment	-	44.2	44.6	43.3	43.3	-	6.5	6.8	4.8	4.9
3711	Motor vehicles	-	44.2	44.7	43.6	43.0	-	6.9	7.2	4.8	4.7
3712	Passenger car bodies	-	43.1	42.6	42.0	44.0	-	-	-	-	-
3713	Truck and bus bodies	-	41.6	41.7	41.0	41.2	-	-	-	-	-
3714	Motor vehicle parts and accessories	-	44.9	45.3	43.5	43.8	-	6.6	6.8	5.0	5.4
3715	Truck trailers	-	39.9	40.4	40.6	40.4	-	-	-	-	-
372	Aircraft and parts	41.6	41.5	41.3	41.5	41.4	-	3.1	3.2	3.0	2.6
3721	Aircraft	-	41.4	40.8	41.6	41.5	-	2.7	2.8	2.8	2.3
3722	Aircraft engines and engine parts	-	41.6	41.5	40.6	40.4	-	3.7	3.5	2.7	2.3
3723,9	Other aircraft parts and equipment	-	41.8	42.0	42.5	42.4	-	3.4	3.8	4.1	3.9
373	Ship and boat building and repairing	-	39.1	39.4	40.3	39.7	-	3.6	3.0	3.2	2.9
3731	Ship building and repairing	-	38.6	38.8	40.1	39.5	-	-	-	-	-
3732	Boat building and repairing	-	40.3	40.9	40.8	40.3	-	-	-	-	-
374	Railroad equipment	-	37.9	37.5	39.0	39.6	-	1.8	2.2	1.8	2.1
375,9	Other transportation equipment	-	40.0	39.1	40.2	40.1	-	3.1	3.0	3.2	3.3
38	<b>INSTRUMENTS AND RELATED PRODUCTS</b>	40.9	40.7	40.7	40.7	40.5	-	3.1	3.0	2.7	2.4
381	Engineering & scientific instruments	-	41.8	41.7	41.5	41.1	-	3.8	3.6	3.2	2.9
382	Mechanical measuring & control devices	41.2	40.9	40.9	40.2	39.9	-	3.2	3.4	2.7	2.4
3821	Mechanical measuring devices	-	41.2	41.1	40.1	39.9	-	3.4	3.6	2.7	2.4
3822	Automatic temperature controls	-	40.5	40.5	40.2	39.8	-	2.8	3.1	2.7	2.3
383,5	Optical and ophthalmic goods	40.7	40.0	40.2	40.1	40.1	-	2.7	2.8	2.4	2.4
385	Ophthalmic goods	-	39.3	39.2	39.7	39.7	-	2.2	2.1	2.3	2.5
384	Medical instruments and supplies	(*)	40.3	40.2	40.6	40.5	-	2.8	2.6	2.6	2.3
386	Photographic equipment and supplies	(*)	41.8	41.7	41.8	41.5	-	3.4	3.3	2.9	2.7
387	Watches, clocks, and watch cases	-	38.9	38.7	39.6	39.3	-	2.3	2.2	2.1	1.7
39	<b>MISC. MANUFACTURING INDUSTRIES</b>	39.1	38.9	39.0	39.6	39.3	-	2.4	2.5	2.5	2.4
391	Jewelry, silverware, and plated ware	38.8	39.0	39.1	39.4	39.4	-	2.9	3.2	2.6	2.8
394	Toys and sporting goods	-	38.6	38.8	39.4	39.2	-	2.2	2.6	2.3	2.4
3941-3	Games, toys, dolls, & play vehicles	-	37.7	38.0	39.0	38.0	-	-	-	-	-
3949	Sporting and athletic goods, n.e.c.	-	39.4	39.7	39.8	40.4	-	-	-	-	-
395	Pens, pencils, office and art supplies	-	40.9	39.7	40.8	40.3	-	3.0	2.6	2.6	2.6
396	Costume jewelry and notions	-	38.0	38.7	39.3	39.1	-	1.8	2.3	2.7	2.3
393,9	Other manufacturing industries	(*)	(*)	39.0	39.6	39.2	-	(*)	2.4	2.5	2.2
393	Musical instruments and parts	-	39.8	39.9	39.7	39.4	-	2.4	2.4	2.4	2.0
<i>Nondurable Goods</i>											
20	<b>FOOD AND KINDRED PRODUCTS</b>	40.3	40.1	39.5	40.6	40.2	-	3.8	3.4	4.0	3.7
201	Meat products	(*)	40.1	38.0	40.4	40.0	-	4.1	3.2	4.1	3.8
2011	Meat packing plants	-	41.1	38.7	41.0	41.0	-	4.4	3.6	4.2	4.1
2013	Sausages and other prepared meats	-	40.1	38.4	41.0	40.3	-	-	-	-	-
2015	Poultry dressing plants	-	38.4	36.6	39.4	38.4	-	-	-	-	-

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				
		June 1973 <sup>p</sup>	May 1973 <sup>p</sup>	Apr. 1973	June 1972	May 1972	June 1973 <sup>p</sup>	May 1973 <sup>p</sup>	Apr. 1973	June 1972	May 1972
<i>Nondurable Goods--Continued</i>											
<b>FOOD AND KINDRED PRODUCTS--Continued</b>											
202	Dairy products .....	\$160.93	\$157.82	\$156.18	\$153.97	\$151.37	\$3.85	\$3.84	\$3.80	\$3.64	\$3.63
2024	Ice cream and frozen desserts .....	-	148.54	145.41	146.58	145.55	-	3.77	3.70	3.49	3.55
2026	Fluid milk .....	-	167.20	165.11	160.74	159.60	-	4.00	3.95	3.80	3.80
203	Canned, cured, and frozen foods .....	-	123.12	122.09	113.16	115.97	-	3.24	3.23	2.97	3.02
2031,6	Canned, cured, and frozen sea foods .....	-	101.53	98.20	85.84	91.00	-	2.86	2.83	2.57	2.63
2032,3	Canned food, except sea foods .....	-	135.23	135.66	123.56	129.30	-	3.54	3.57	3.16	3.29
2037	Frozen fruits and vegetables .....	-	119.10	117.71	107.03	109.02	-	3.00	2.98	2.78	2.76
204	Grain mill products .....	(*)	171.47	171.97	167.93	162.75	(*)	3.96	3.99	3.74	3.75
2041	Flour and other grain mill products .....	-	188.16	188.52	183.88	179.14	-	4.20	4.18	3.98	3.92
2042	Prepared feeds for animals and fowls .....	-	149.80	148.35	148.34	144.65	-	3.42	3.45	3.19	3.28
205	Bakery products .....	158.00	154.84	151.69	149.17	146.52	3.95	3.92	3.85	3.72	3.70
2051	Bread, cake, and related products .....	-	155.62	151.32	150.84	148.52	-	3.97	3.88	3.79	3.76
2052	Cookies and crackers .....	-	151.47	153.38	142.27	139.95	-	3.74	3.75	3.47	3.49
206	Sugar .....	-	170.89	167.20	160.68	157.51	-	4.04	4.00	3.90	3.87
207	Confectionery and related products .....	134.16	135.49	133.57	127.59	127.26	3.44	3.43	3.39	3.23	3.23
2071	Confectionery products .....	-	129.81	128.64	125.37	123.09	-	3.32	3.29	3.15	3.14
208	Beverages .....	183.68	178.40	174.59	170.96	165.57	4.48	4.46	4.42	4.18	4.16
2082	Malt liquors .....	-	245.86	241.53	229.77	221.27	-	5.84	5.82	5.55	5.41
2086	Bottled and canned soft drinks .....	-	132.72	126.22	129.68	121.04	-	3.36	3.27	3.14	3.08
209	Misc. foods and kindred products .....	155.82	152.77	153.46	147.14	145.18	3.71	3.69	3.68	3.52	3.49
21	<b>TOBACCO MANUFACTURES</b> .....	131.51	134.02	134.87	122.84	116.92	3.79	3.84	3.81	3.53	3.49
211	Cigarettes .....	-	149.86	131.06	136.37	128.54	-	4.46	4.43	4.12	4.12
212	Cigars .....	-	97.99	97.61	90.34	89.25	-	2.62	2.61	2.39	2.38
22	<b>TEXTILE MILL PRODUCTS</b> .....	119.07	118.03	119.77	113.42	111.38	2.89	2.90	2.90	2.72	2.71
221	Weaving mills, cotton .....	119.70	118.98	122.83	114.90	111.24	2.85	2.86	2.89	2.71	2.70
222	Weaving mills, synthetics .....	126.56	125.50	127.71	119.39	118.71	2.95	2.96	2.97	2.77	2.78
223	Weaving and finishing mills, wool .....	128.05	126.00	126.33	117.74	116.75	3.02	3.00	2.97	2.81	2.82
224	Narrow fabric mills .....	113.68	113.55	114.67	106.63	105.97	2.80	2.79	2.79	2.62	2.61
225	Knitting mills .....	108.85	107.06	107.24	103.23	101.79	2.82	2.81	2.80	2.62	2.61
2251	Women's hosiery, except socks .....	-	91.87	91.79	95.00	90.02	-	2.64	2.63	2.50	2.48
2252	Hosiery, n e c .....	-	93.75	92.38	91.18	89.07	-	2.50	2.49	2.35	2.35
2253	Knit outerwear mills .....	-	111.25	110.78	104.06	103.30	-	2.92	2.90	2.71	2.69
2254	Knit underwear mills .....	-	96.20	97.66	95.01	93.56	-	2.60	2.57	2.43	2.43
226	Textile finishing, except wool .....	131.95	127.82	130.28	125.27	124.26	3.10	3.08	3.08	2.92	2.91
227	Floor covering mills .....	-	128.54	129.86	122.41	118.71	-	3.09	3.07	2.86	2.84
228	Yarn and thread mills .....	(*)	112.05	114.09	106.77	106.68	(*)	2.70	2.71	2.53	2.54
229	Miscellaneous textile goods .....	(*)	135.85	139.53	130.66	129.02	(*)	3.25	3.26	3.06	3.05
23	<b>APPAREL AND OTHER TEXTILE PRODUCTS</b> .....	98.64	98.01	98.64	93.24	91.49	2.74	2.73	2.74	2.59	2.57
231	Men's and boys' suits and coats .....	(*)	125.83	126.88	120.85	115.43	(*)	3.41	3.42	3.32	3.18
232	Men's and boys' furnishings .....	89.06	88.45	88.81	84.22	83.08	2.42	2.41	2.42	2.27	2.27
2321	Men's and boys' shirts and nightwear .....	-	85.56	86.16	82.35	81.23	-	2.37	2.38	2.25	2.25
2327	Men's and boys' separate trousers .....	-	89.30	89.41	83.76	81.45	-	2.42	2.41	2.27	2.25
2328	Men's and boys' work clothing .....	-	84.96	85.47	80.89	79.39	-	2.29	2.31	2.14	2.14
233	Women's and misses' outerwear .....	97.58	97.29	99.42	92.40	90.85	2.87	2.87	2.89	2.75	2.72
2331	Women's and misses' blouses and waists .....	-	90.27	90.82	87.30	84.56	-	2.64	2.64	2.48	2.43
2335	Women's and misses' dresses .....	-	99.23	102.68	90.60	91.77	-	2.98	3.02	2.84	2.85
2337	Women's and misses' suits and coats .....	-	106.90	106.58	107.86	100.43	-	3.22	3.22	3.21	3.09
2339	Women's and misses' outerwear, n e c .....	-	90.62	92.88	88.21	86.99	-	2.56	2.58	2.43	2.43
234	Women's and children's undergarments .....	(*)	90.00	90.11	86.51	84.47	(*)	2.50	2.51	2.37	2.34
2341	Women's and children's underwear .....	-	87.48	87.60	81.95	81.49	-	2.43	2.44	2.27	2.27
2342	Corsets and allied garments .....	-	97.38	97.11	97.24	92.35	-	2.69	2.69	2.60	2.53
235	Hats, caps, and millinery .....	-	91.34	91.39	87.58	82.72	-	2.41	2.38	2.38	2.33
236	Children's outerwear .....	92.36	90.27	89.31	88.33	84.70	2.58	2.55	2.53	2.44	2.42
2361	Children's dresses and blouses .....	-	89.60	87.88	87.24	83.87	-	2.56	2.54	2.41	2.41
237,8	Fur goods and miscellaneous apparel .....	-	99.28	97.65	93.76	92.88	-	2.75	2.72	2.59	2.58
239	Misc. fabricated textile products .....	(*)	113.62	112.94	105.81	106.02	(*)	2.99	2.98	2.77	2.79
2391,2	Housefurnishings .....	-	95.13	95.76	91.06	88.88	-	2.53	2.54	2.39	2.37
26	<b>PAPER AND ALLIED PRODUCTS</b> .....	178.05	175.51	175.09	168.56	164.09	4.16	4.12	4.11	3.92	3.87
261,2,6	Paper and pulp mills .....	(*)	204.26	204.27	192.71	188.73	(*)	4.59	4.58	4.35	4.24
263	Paperboard mills .....	209.25	207.44	208.80	199.79	196.23	4.65	4.62	4.64	4.43	4.39
264	Misc. converted paper products .....	155.70	154.54	154.09	148.33	144.67	3.77	3.76	3.74	3.54	3.52
2643	Bags, except textile bags .....	-	149.65	148.42	141.73	139.32	-	3.65	3.62	3.44	3.44
265	Paperboard containers and boxes .....	159.74	157.73	156.56	152.46	147.91	3.84	3.81	3.80	3.63	3.59
2651,2	Folding and setup paperboard boxes .....	-	142.04	141.20	141.04	137.42	-	3.56	3.53	3.44	3.41
2653	Corrugated and solid fiber boxes .....	-	168.38	167.18	163.78	157.13	-	3.99	3.99	3.80	3.75
2654	Sanitary food containers .....	-	158.66	152.31	146.78	143.66	-	3.70	3.67	3.52	3.47

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				
		June 1973 <sup>P</sup>	May 1973 <sup>P</sup>	Apr. 1973	June 1972	May 1972	June 1973 <sup>P</sup>	May 1973 <sup>P</sup>	Apr. 1973	June 1972	May 1972
	<i>Nondurable Goods--Continued</i>										
	<b>FOOD AND KINDRED PRODUCTS--Continued</b>										
202	Dairy products.....	41.8	41.1	41.1	42.3	41.7	-	3.9	3.9	4.5	4.1
2024	Ice cream and frozen desserts.....	-	39.4	39.3	42.0	41.0	-	-	-	-	-
2026	Fluid milk.....	-	41.8	41.8	42.3	42.0	-	-	-	-	-
203	Canned, cured, and frozen foods.....	-	38.0	37.8	38.1	38.4	-	2.9	2.7	2.9	3.0
2031,6	Canned, cured and frozen sea foods.....	-	35.5	34.7	33.4	34.6	-	-	-	-	-
2032,3	Canned food, except sea foods.....	-	38.2	38.0	39.1	39.3	-	-	-	-	-
2037	Frozen fruits and vegetables.....	-	39.7	39.5	38.5	39.5	-	-	-	-	-
204	Grain mill products.....	(*)	43.3	43.1	44.9	43.4	-	5.5	5.4	6.7	5.6
2041	Flour and other grain mill product ..	-	44.8	45.1	46.2	45.7	-	-	-	-	-
2042	Prepared feeds for animals and fowls ..	-	43.8	43.0	46.5	44.1	-	-	-	-	-
205	Bakery products.....	40.0	39.5	39.4	40.1	39.6	-	3.4	3.2	3.6	3.4
2051	Bread, cake, and related products ..	-	39.2	39.0	39.8	39.5	-	-	-	-	-
2052	Cookies and crackers.....	-	40.5	40.9	41.0	40.1	-	-	-	-	-
206	Sugar.....	-	42.3	41.8	41.2	40.7	-	3.3	3.2	3.3	2.9
207	Confectionery and related products ..	39.0	39.5	39.4	39.5	39.4	-	2.4	2.3	2.2	2.5
2071	Confectionery products.....	-	39.1	39.1	39.8	39.2	-	-	-	-	-
208	Beverages.....	41.0	40.0	39.5	40.9	39.8	-	3.4	3.3	4.1	3.4
2082	Malt liquors.....	-	42.1	41.5	41.4	40.9	-	-	-	-	-
2086	Bottled and canned soft drinks.....	-	39.5	38.6	41.3	39.3	-	-	-	-	-
209	Misc. foods and kindred products.....	42.0	41.4	41.7	41.8	41.6	-	4.4	4.6	4.6	4.4
21	<b>TOBACCO MANUFACTURES</b> .....	34.7	34.9	35.4	34.8	33.5	-	1.0	1.0	.7	.5
211	Cigarettes.....	-	33.6	34.1	33.1	31.2	-	.8	.8	.4	0
212	Cigars.....	-	37.4	37.4	37.8	37.5	-	1.5	1.6	1.1	1.2
22	<b>TEXTILE MILL PRODUCTS</b> .....	41.2	40.7	41.3	41.7	41.1	-	4.2	4.6	4.4	4.1
221	Weaving mills, cotton.....	42.0	41.6	42.5	42.4	41.2	-	4.9	5.6	5.0	4.3
222	Weaving mills, synthetics.....	42.9	42.4	43.0	43.1	42.7	-	5.3	5.7	5.3	4.9
223	Weaving and finishing mills, wool.....	42.4	42.0	42.5	41.9	41.4	-	4.4	4.8	4.1	3.9
224	Narrow fabric mills.....	40.6	40.7	41.1	40.7	40.6	-	3.6	3.7	3.2	2.8
225	Knitting mills.....	38.6	38.1	38.3	39.4	39.0	-	2.9	3.0	3.1	3.1
2251	Women's hosiery, except socks.....	-	34.8	34.9	38.0	36.3	-	-	-	-	-
2252	Hosiery, n e c.....	-	37.5	37.1	38.8	37.9	-	-	-	-	-
2253	Knit outerwear mills.....	-	38.1	38.2	38.4	38.4	-	-	-	-	-
2254	Knit underwear mills.....	-	37.0	38.0	39.1	38.5	-	-	-	-	-
226	Textile finishing, except wool.....	42.5	41.5	42.3	42.9	42.7	-	4.4	5.0	5.4	5.1
227	Floor covering mills.....	-	41.6	42.3	42.8	41.8	-	4.6	5.1	5.2	4.2
228	Yarn and thread mills.....	(*)	41.5	42.1	42.2	42.0	-	4.7	5.1	4.7	4.7
229	Miscellaneous textile goods.....	(*)	41.8	42.8	42.7	42.3	-	4.7	5.2	4.8	4.4
23	<b>APPAREL AND OTHER TEXTILE PRODUCTS</b> .....	36.0	35.9	36.0	36.0	35.6	-	1.3	1.4	1.4	1.3
231	Men's and boys' suits and coats.....	(*)	36.9	37.1	36.4	36.3	-	1.3	1.3	1.1	1.2
232	Men's and boys' furnishings.....	36.8	36.7	36.7	37.1	36.6	-	1.4	1.3	1.4	1.3
2321	Men's and boys' shirts and nightwear ..	-	36.1	36.2	36.6	36.1	-	1.3	1.1	1.3	1.2
2327	Men's and boys' separate trousers.....	-	36.9	37.1	36.9	36.2	-	-	-	-	-
2328	Men's and boys' work clothing.....	-	37.1	37.0	37.8	37.1	-	1.4	1.3	1.4	1.2
233	Women's and misses' outerwear.....	34.0	33.9	34.4	33.6	33.4	-	1.1	1.3	1.2	1.1
2331	Women's and misses' blouses and waists ..	-	34.2	34.4	35.2	34.8	-	-	-	-	-
2335	Women's and misses' dresses.....	-	33.3	34.0	31.9	32.2	-	1.1	1.4	1.1	1.1
2337	Women's and misses' suits and coats.....	-	33.2	33.1	33.6	32.5	-	1.0	.9	1.1	1.1
2339	Women's and misses' outerwear, n e c.....	-	35.4	36.0	36.3	35.8	-	1.2	1.5	1.3	1.1
234	Women's and children's undergarments ..	(*)	36.0	35.9	36.5	36.1	-	1.1	1.1	-	1.2
2341	Women's and children's underwear.....	-	36.0	35.9	36.1	35.9	-	-	-	-	-
2342	Corsets and allied garments.....	-	36.2	36.1	37.4	36.5	-	-	-	-	-
235	Hats, caps, and millinery.....	-	37.9	38.4	36.8	35.5	-	1.9	1.9	1.5	1.4
236	Children's outerwear.....	35.8	35.4	35.3	36.2	35.0	-	1.2	1.1	1.2	.9
2361	Children's dresses and blouses.....	-	35.0	34.6	36.2	34.8	-	-	-	-	-
237,8	Fur goods and miscellaneous apparel ..	-	36.1	35.9	36.2	36.0	-	1.3	1.4	1.1	1.0
239	Misc. fabricated textile products.....	(*)	38.0	37.9	38.2	38.0	-	2.1	-	2.2	1.9
2391,2	Housefurnishings.....	-	37.6	37.7	38.1	37.5	-	-	-	-	-
26	<b>PAPER AND ALLIED PRODUCTS</b> .....	42.8	42.6	42.6	43.0	42.4	-	4.9	5.0	5.0	4.7
261,2,6	Paper and pulp mills.....	(*)	44.5	44.6	44.3	44.2	-	6.6	6.7	6.0	6.1
263	Paperboard mills.....	45.0	44.9	45.0	45.1	44.7	-	7.5	7.5	7.4	7.1
264	Misc. converted paper products.....	41.3	41.1	41.2	41.9	41.1	-	3.5	3.6	3.7	3.3
2643	Bags, except textile bags.....	-	41.0	41.0	41.2	40.5	-	-	-	-	-
265	Paperboard containers and boxes.....	41.6	41.4	41.2	42.0	41.2	-	3.9	3.8	4.4	3.8
2651,2	Folding and setup paperboard boxes ..	-	39.9	40.0	41.0	40.3	-	-	-	-	-
2653	Corrugated and solid fiber boxes.....	-	42.2	41.9	43.1	41.9	-	4.7	4.5	5.3	4.6
2654	Sanitary food containers.....	-	41.8	41.5	41.7	41.4	-	-	-	-	-

See footnotes at end of table.

**ESTABLISHMENT DATA  
HOURS AND EARNINGS**

100

**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				
		June 1973 <sup>p</sup>	May 1973 <sup>p</sup>	Apr. 1973	June 1972	May 1972	June 1973 <sup>p</sup>	May 1973 <sup>p</sup>	Apr. 1973	June 1972	May 1972
	<i>Nondurable Goods--Continued</i>										
27	<b>PRINTING AND PUBLISHING</b> .....	\$177.46	\$176.53	\$175.01	\$169.41	\$168.07	\$4.69	\$4.67	\$4.63	\$4.47	\$4.47
271	Newspapers.....	(*)	182.63	181.56	177.43	176.22	(*)	5.13	5.10	4.97	4.95
272	Periodicals.....	-	201.10	201.90	195.29	188.54	-	5.04	5.01	4.74	4.69
273	Books.....	-	163.15	158.40	154.84	156.01	-	4.12	4.01	3.95	3.91
275	Commercial printing .....	182.52	180.26	178.64	172.54	171.97	4.68	4.67	4.64	4.47	4.49
2751	Commercial printing, ex. lithographic .....	-	172.59	171.07	165.98	164.16	-	4.53	4.49	4.30	4.32
2752	Commercial printing, lithographic .....	-	190.81	188.67	183.05	183.44	-	4.88	4.85	4.73	4.74
278	Blankbooks and bookbinding .....	135.14	132.27	133.35	127.77	126.87	3.51	3.49	3.50	3.31	3.33
274,6,7,9	Other publishing & printing ind.....	180.57	178.48	178.01	168.19	165.06	4.69	4.66	4.66	4.38	4.39
28	<b>CHEMICALS AND ALLIED PRODUCTS</b> .....	187.79	185.22	185.24	176.40	173.06	4.45	4.41	4.40	4.20	4.16
281	Industrial chemicals .....	(*)	207.76	208.38	198.01	193.53	(*)	4.90	4.88	4.67	4.63
2812	Alkalies and chlorine .....	-	214.02	215.76	205.57	196.54	-	4.92	4.96	4.63	4.56
2818	Industrial organic chemicals, n e c.....	-	226.98	231.77	212.77	209.50	-	5.23	5.22	5.03	5.00
2819	Industrial inorganic chemicals, n e c.....	-	194.05	192.46	186.43	182.07	-	4.71	4.66	4.46	4.43
282	Plastics materials and synthetics .....	(*)	181.04	180.62	177.16	173.81	(*)	4.28	4.27	4.12	4.08
2821	Plastics materials and resins .....	-	204.14	199.18	194.92	191.84	-	4.65	4.60	4.42	4.37
2823,4	Synthetic fibers .....	-	161.50	163.93	159.56	156.83	-	3.92	3.95	3.79	3.77
283	Drugs .....	175.97	174.70	175.14	157.16	157.19	4.23	4.23	4.21	3.89	3.92
2834	Pharmaceutical preparations .....	-	170.57	172.22	153.90	153.56	-	4.14	4.13	3.80	3.82
284	Soap, cleaners, and toilet goods .....	(*)	179.01	182.01	170.15	168.10	(*)	4.42	4.45	4.14	4.12
2841	Soap and other detergents.....	-	230.58	235.40	220.42	213.78	-	5.49	5.50	5.15	5.09
2844	Toilet preparations .....	-	142.69	142.72	135.20	137.48	-	3.64	3.65	3.38	3.42
285	Paints and allied products .....	173.47	172.64	172.22	165.82	160.66	4.19	4.16	4.14	3.92	3.89
287	Agricultural chemicals .....	(*)	159.78	160.38	148.33	147.82	(*)	3.69	3.67	3.54	3.47
2871,2	Fertilizers, complete & mixing only .....	-	154.00	154.16	139.61	138.65	-	3.50	3.48	3.34	3.27
286,9	Other chemical products .....	(*)	174.72	173.06	164.80	161.93	(*)	4.17	4.17	4.00	3.94
2892	Explosives .....	-	179.78	173.84	169.74	166.46	-	4.24	4.24	4.13	4.08
29	<b>PETROLEUM AND COAL PRODUCTS</b> .....	212.59	220.28	219.24	209.46	209.39	5.16	5.22	5.22	4.94	4.95
291	Petroleum refining.....	(*)	232.96	233.10	219.98	221.45	(*)	5.56	5.59	5.25	5.26
295,9	Other petroleum and coal products .....	(*)	183.61	178.48	178.20	172.03	(*)	4.26	4.17	4.05	4.01
30	<b>RUBBER AND PLASTICS PRODUCTS, N E C</b> .....	153.30	152.15	155.29	147.58	145.55	3.73	3.72	3.76	3.56	3.55
301	Tires and inner tubes .....	(*)	219.56	225.57	209.28	205.01	(*)	5.13	5.15	4.80	4.79
302,3,6	Other rubber products .....	150.47	149.69	151.52	141.23	139.78	3.67	3.66	3.66	3.47	3.46
302	Rubber footwear .....	-	117.11	119.30	110.09	109.62	-	2.98	2.99	2.83	2.84
307	Miscellaneous plastics products .....	132.66	132.51	132.59	129.88	127.39	3.30	3.28	3.29	3.16	3.13
31	<b>LEATHER AND LEATHER PRODUCTS</b> .....	108.36	106.96	104.63	105.84	104.88	2.80	2.08	2.79	2.70	2.71
311	Leather tanning and finishing .....	144.87	145.60	141.57	139.09	140.82	3.64	3.64	3.63	3.46	3.46
314	Footwear, except rubber .....	105.69	104.06	101.52	102.97	102.04	2.71	2.71	2.70	2.62	2.63
312,3,5-7,5	Other leather products .....	103.60	102.21	100.93	102.68	100.17	2.77	2.77	2.75	2.66	2.65
316	Luggage .....	-	105.49	104.91	102.37	101.92	-	2.89	2.89	2.82	2.80
317	Handbags and personal leather goods.....	-	98.92	97.11	99.59	95.37	-	2.71	2.69	2.58	2.55
-	<b>TRANSPORTATION AND PUBLIC UTILITIES</b> .....	204.27	200.38	199.39	186.86	184.17	4.97	4.96	4.96	4.58	4.57
	<b>RAILROAD TRANSPORTATION</b>										
4011	Class I railroads <sup>2</sup> .....	-	(*)	245.52	217.16	217.65	-	(*)	5.58	4.88	4.88
	<b>LOCAL AND INTERURBAN PASSENGER TRANSIT:</b>										
411	Local and suburban transportation .....	-	171.33	169.71	161.63	160.40	-	4.06	4.06	3.83	3.81
413	Intercity highway transportation .....	-	204.76	201.90	187.33	186.30	-	4.97	5.01	4.66	4.60
42	<b>TRUCKING AND WAREHOUSING</b> .....	-	216.62	214.45	202.35	197.13	-	5.17	5.18	4.75	4.75
421,3	Trucking and trucking terminals .....	-	222.18	219.95	206.24	201.83	-	2.27	5.30	4.83	4.84
422	Public warehousing .....	-	146.73	145.56	139.65	136.07	-	3.65	3.63	3.50	3.48
46	<b>PIPE LINE TRANSPORTATION</b> .....	-	226.18	231.43	207.97	207.57	-	5.45	5.59	5.06	2.10
48	<b>COMMUNICATION</b> .....	-	174.89	173.94	164.72	162.68	-	4.45	4.46	4.17	4.75
481	Telephone communication .....	-	174.10	173.16	163.55	161.11	-	4.43	4.44	4.13	4.11
4817	Switchboard operating employees <sup>3</sup> .....	-	125.99	126.29	116.27	114.58	-	3.61	3.65	3.37	3.39
4818	Line construction employees <sup>4</sup> .....	-	226.64	225.94	215.60	210.38	-	5.21	5.23	4.90	4.87
482	Telegraph communication <sup>5</sup> .....	-	194.75	194.75	178.89	181.90	-	4.75	4.75	4.29	4.28
483	Radio and television broadcasting .....	-	179.26	179.18	172.60	172.54	-	4.62	4.63	4.46	4.47

See footnotes at end of table.

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

SIC Code	Industry	Average weekly hours					Average overtime hours				
		June, 1973 <sup>p</sup>	May, 1973 <sup>p</sup>	Apr. 1973	June 1972	May 1972	June, 1973 <sup>p</sup>	May, 1973 <sup>p</sup>	Apr. 1973	June 1972	May 1972
	<i>Nondurable Goods--Continued</i>										
27	<b>PRINTING AND PUBLISHING</b> .....	38.0	37.8	37.8	37.9	37.6	-	2.9	2.9	2.7	2.8
271	Newspapers.....	(*)	35.6	35.6	35.7	35.6	-	2.7	2.7	2.6	2.6
272	Periodicals.....	-	39.9	40.3	41.2	40.2	-	3.6	4.6	4.0	3.7
273	Books.....	-	39.6	39.5	39.2	39.9	-	3.4	3.4	2.7	3.8
275	Commercial printing .....	39.0	38.6	38.5	38.6	38.3	-	3.2	3.2	2.9	2.9
2751	Commercial printing, ex. lithographic	-	38.1	38.1	38.6	38.0	-	2.9	2.9	2.9	2.7
2752	Commercial printing, lithographic ...	-	39.1	38.9	38.7	38.7	-	3.5	3.5	3.0	3.3
278	Blankbooks and bookbinding.....	38.5	37.9	38.1	38.6	38.1	-	1.9	2.1	2.1	1.8
274,6,7,9	Other publishing & printing ind.....	38.5	38.3	38.2	38.4	37.6	-	2.6	2.5	2.6	2.2
28	<b>CHEMICALS AND ALLIED PRODUCTS..</b>	42.2	42.0	42.1	42.0	41.6	-	3.6	3.7	3.4	3.2
281	Industrial chemicals.....	(*)	42.4	42.7	42.4	41.8	-	3.9	4.1	3.5	3.1
2812	Alkalies and chlorine.....	-	43.5	43.5	44.4	43.1	-	-	-	-	-
2818	Industrial organic chemicals, n.e.c....	-	43.4	44.4	42.3	41.9	-	4.4	4.8	3.4	3.0
2819	Industrial inorganic chemicals, n.e.c.	-	41.2	41.3	41.8	41.1	-	3.0	3.0	3.1	2.8
282	Plastics materials and synthetics .....	(*)	42.3	42.3	43.0	42.6	-	3.5	3.4	3.9	3.5
2821	Plastics materials and resins.....	-	43.9	43.3	44.1	43.9	-	5.0	4.4	5.2	4.9
2823,4	Synthetic fibers.....	-	41.2	41.5	42.1	41.6	-	2.5	2.8	3.0	2.6
283	Drugs.....	41.6	41.3	41.6	40.4	40.1	-	3.1	3.2	2.1	2.2
2834	Pharmaceutical preparations.....	-	41.2	41.7	40.5	40.2	-	-	-	-	-
284	Soap, cleaners, and toilet goods.....	(*)	40.5	40.9	41.1	40.8	-	2.6	2.8	2.8	2.7
2841	Soap and other detergents.....	-	42.0	42.8	42.8	42.0	-	-	-	-	-
2844	Toilet preparations.....	-	39.2	39.1	40.0	40.2	-	-	-	-	-
285	Paints and allied products.....	41.4	41.5	41.6	42.3	41.3	-	3.2	3.5	4.1	3.4
287	Agricultural chemicals.....	(*)	43.3	43.7	41.9	42.6	-	6.3	6.3	4.2	5.2
2871,2	Fertilizers, complete & mixing only..	-	44.0	44.3	41.8	42.4	-	-	-	-	-
286,9	Other chemical products.....	(*)	41.9	41.5	41.2	41.1	-	3.4	3.5	3.3	2.9
2892	Explosives.....	-	42.4	41.0	41.1	40.8	-	-	-	-	-
29	<b>PETROLEUM AND COAL PRODUCTS.....</b>	41.2	42.2	42.0	42.4	42.3	-	3.9	3.7	3.8	3.7
291	Petroleum refining.....	(*)	41.9	41.7	41.9	42.1	-	3.2	3.2	3.0	3.1
295,9	Other petroleum and coal products.....	(*)	43.1	42.8	44.0	42.9	-	5.8	5.2	6.3	5.6
30	<b>RUBBER AND PLASTICS PRODUCTS, NEC..</b>	41.1	40.9	41.3	41.4	41.0	-	4.0	4.3	4.1	3.7
301	Tires and inner tubes.....	(*)	42.8	43.8	43.6	42.8	-	5.0	5.9	6.2	5.0
302,3,6	Other rubber products.....	41.0	40.9	41.4	40.7	40.4	-	3.8	4.1	3.1	3.1
302	Rubber footwear.....	-	39.3	39.9	38.9	38.6	-	2.7	3.0	2.2	2.2
307	Miscellaneous plastics products.....	40.2	40.4	40.3	41.1	40.7	-	3.7	3.9	3.8	3.5
31	<b>LEATHER AND LEATHER PRODUCTS.....</b>	38.7	38.2	37.5	39.2	38.7	-	2.1	1.9	2.9	2.6
311	Leather tanning and finishing.....	39.8	40.0	39.0	40.2	40.7	-	3.3	2.8	3.3	4.0
314	Footwear, except rubber.....	39.0	38.4	37.6	39.3	38.8	-	2.1	1.9	2.9	2.5
312,3,5-7,9	Other leather products.....	37.4	36.9	36.7	38.6	37.8	-	1.6	1.7	2.6	2.2
316	Luggage.....	-	36.5	36.3	36.3	36.4	-	1.4	1.4	1.7	1.5
317	Handbags and personal leather goods..	-	36.5	36.1	38.6	37.4	-	1.5	1.5	2.5	1.9
-	<b>TRANSPORTATION AND PUBLIC UTILITIES.....</b>	41.1	40.4	40.2	40.8	40.3	-	-	-	-	-
4011	<b>RAILROAD TRANSPORTATION:</b> Class 1 railroads <sup>2</sup> .....	-	(*)	44.0	44.5	44.6	-	-	-	-	-
	<b>LOCAL AND INTERURBAN PASSENGER TRANSIT:</b>										
411	Local and suburban transportation.....	-	42.2	41.8	42.2	42.1	-	-	-	-	-
413	Intercity highway transportation.....	-	41.2	40.3	40.2	40.5	-	-	-	-	-
42	<b>TRUCKING AND WAREHOUSING.....</b>	-	41.9	41.4	42.6	41.5	-	-	-	-	-
421,3	Trucking and trucking terminals.....	-	42.0	41.5	42.7	41.7	-	-	-	-	-
422	Public warehousing.....	-	40.2	40.1	39.9	39.1	-	-	-	-	-
46	<b>PIPE LINE TRANSPORTATION.....</b>	-	41.5	41.4	41.1	40.7	-	-	-	-	-
48	<b>COMMUNICATION.....</b>	-	39.3	39.0	39.5	39.2	-	-	-	-	-
481	Telephone communication.....	-	39.3	39.0	39.6	39.2	-	-	-	-	-
4817	Switchboard operating employees <sup>3</sup> ...	-	34.9	34.6	34.5	33.8	-	-	-	-	-
4818	Line construction employees <sup>4</sup> .....	-	43.5	43.2	44.0	43.2	-	-	-	-	-
482	Telegraph communication <sup>5</sup> .....	-	41.0	41.0	41.7	42.5	-	-	-	-	-
483	Radio and television broadcasting.....	-	38.8	38.7	38.7	38.6	-	-	-	-	-

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				
		June 1973 <sup>P</sup>	May 1973 <sup>P</sup>	Apr. 1973	June 1972	May 1972	June 1973 <sup>P</sup>	May 1973 <sup>P</sup>	Apr. 1973	June 1972	May 1972
-	<b>TRANSPORTATION AND PUBLIC UTILITIES--Continued</b>										
49	<b>ELECTRIC, GAS, AND SANITARY SERVICES</b>	-	\$210.91	\$209.48	\$198.79	\$197.35	-	\$5.07	\$5.06	\$4.79	\$4.79
491	Electric companies and systems .....	-	213.50	212.58	202.66	200.03	-	5.12	5.11	4.86	4.82
492	Gas companies and systems .....	-	187.17	185.90	176.20	176.88	-	4.61	4.59	4.34	4.40
493	Combination companies and systems .....	-	237.02	235.75	222.49	221.84	-	5.63	5.64	5.31	5.32
494-7	Water, steam, & sanitary systems .....	-	174.71	171.79	164.74	161.15	-	4.14	4.10	3.96	3.94
-	<b>WHOLESALE AND RETAIL TRADE.....</b>	\$111.62	109.37	108.70	106.50	104.05	\$3.18	3.17	3.16	3.00	2.99
50	<b>WHOLESALE TRADE .....</b>	162.36	161.15	159.95	154.00	152.83	4.10	4.09	4.07	3.85	3.84
501	Motor vehicles & automotive equipment .....	-	153.18	152.02	145.84	144.40	-	3.82	3.81	3.61	3.61
502	Drugs, chemicals, and allied products .....	-	159.60	160.36	155.16	153.22	-	4.20	4.22	4.03	3.99
503	Dry goods and apparel .....	-	147.63	146.57	141.38	138.75	-	3.99	3.94	3.75	3.74
504	Groceries and related products .....	-	152.49	150.91	146.25	146.33	-	3.89	3.84	3.62	3.64
506	Electrical goods .....	-	168.50	167.28	161.82	160.66	-	4.08	4.08	3.89	3.89
507	Hardware; plumbing & heating equipment .....	-	149.73	149.34	145.60	143.24	-	3.81	3.80	3.64	3.59
508	Machinery, equipment, and supplies .....	-	175.24	176.11	168.09	166.86	-	4.37	4.37	4.13	4.12
509	Miscellaneous wholesalers .....	-	162.18	160.58	154.45	152.88	-	4.18	4.16	3.93	3.91
52-59	<b>RETAIL TRADE.....</b>	96.05	93.72	93.39	91.73	89.58	2.85	2.84	2.83	2.69	2.69
53	Retail general merchandise .....	-	86.72	86.13	84.36	81.90	-	2.71	2.70	2.62	2.60
531	Department stores .....	-	90.03	88.86	88.36	85.80	-	2.84	2.83	2.77	2.75
532	Mail order houses .....	-	114.20	114.99	110.49	104.96	-	3.07	3.05	2.90	2.86
533	Variety stores .....	-	66.16	66.96	63.93	61.45	-	2.22	2.21	2.11	2.09
54	Food stores .....	-	104.00	102.40	101.95	98.24	-	3.25	3.21	3.08	3.07
541-3	Grocery, meat, and vegetable stores .....	-	106.91	105.62	105.19	101.10	-	3.31	3.28	3.14	3.13
56	Apparel and accessory stores .....	-	78.64	77.78	79.53	76.75	-	2.57	2.55	2.47	2.46
561	Men's & boys' clothing & furnishings .....	-	96.86	95.66	95.60	92.17	-	2.90	2.89	2.82	2.81
562	Women's ready-to-wear stores .....	-	70.91	70.32	72.00	69.14	-	2.42	2.40	2.33	2.32
565	Family clothing stores .....	-	75.76	74.26	78.88	74.93	-	2.39	2.35	2.32	2.25
566	Shoe stores .....	-	78.50	77.59	78.37	77.78	-	2.67	2.63	2.48	2.55
57	Furniture and home furnishings stores .....	-	126.91	126.22	120.48	117.07	-	3.43	3.43	3.23	3.19
571	Furniture and home furnishings .....	-	128.71	127.65	121.92	118.45	-	3.46	3.45	3.26	3.21
58	Eating and drinking places <sup>6</sup> .....	-	62.58	62.37	63.20	61.31	-	2.10	2.10	2.00	2.01
52,55,59	Other retail trade .....	-	118.35	118.03	114.30	111.75	-	3.19	3.19	3.00	2.98
52	Building materials and farm equipment .....	-	130.35	128.97	126.27	124.26	-	3.30	3.29	3.11	3.13
551,2	Motor vehicle dealers .....	-	160.80	160.80	153.85	149.51	-	4.00	4.00	3.78	3.71
553,9	Other automotive & accessory dealers .....	-	134.79	134.31	129.79	127.41	-	3.32	3.30	3.12	3.10
591	Drug stores and proprietary stores .....	-	82.96	82.66	82.48	80.39	-	2.72	2.71	2.53	2.52
594	Book and stationery stores .....	-	94.25	93.73	96.26	92.85	-	2.90	2.92	2.79	2.78
598	Fuel and ice dealers .....	-	135.42	139.09	128.86	129.00	-	3.65	3.67	3.40	3.44
-	<b>FINANCE, INSURANCE, AND REAL ESTATE<sup>7</sup></b>	132.09	131.73	133.55	127.60	126.91	3.57	3.57	3.59	3.43	3.43
60	Banking .....	-	112.42	115.32	111.53	111.23	-	3.08	3.10	2.99	2.99
61	Credit agencies other than banks .....	-	119.45	122.62	115.90	115.67	-	3.16	3.21	3.05	3.06
612	Savings and loan associations .....	-	115.75	120.20	112.98	113.40	-	3.18	3.24	3.07	3.09
62	Security, commodity brokers & services .....	-	231.65	235.60	221.26	221.49	-	6.08	6.20	5.98	5.97
63	Insurance carriers .....	-	136.16	136.53	131.35	131.72	-	3.70	3.69	3.55	3.56
631	Life insurance .....	-	136.86	137.23	132.49	133.22	-	3.76	3.77	3.62	3.64
632	Accident and health insurance .....	-	130.98	131.71	125.06	126.88	-	3.54	3.55	3.38	3.42
633	Fire, marine, and casualty insurance .....	-	138.38	137.26	133.14	132.77	-	3.72	3.67	3.56	3.55
-	<b>SERVICES.....</b>	114.21	112.89	112.88	107.39	106.47	3.32	3.33	3.32	3.14	3.15
701	Hotels and other lodging places: Hotels, tourist courts, and motels <sup>6</sup> .....	-	77.08	77.32	75.60	74.70	-	2.35	2.35	2.23	2.25
721	Laundries and dry cleaning plants .....	-	90.53	89.51	86.39	86.15	-	2.55	2.55	2.42	2.42
722	Photographic studios .....	-	105.00	104.58	96.56	96.79	-	3.00	3.04	2.84	2.83
781	Motion pictures: Motion picture filming & distributing .....	-	209.38	213.92	204.82	197.63	-	5.51	5.60	5.39	5.27
806	Hospitals .....	-	108.44	108.73	105.61	104.04	-	3.18	3.17	3.07	3.06

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

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

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

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

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

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				
		June 1973 <sup>p</sup>	May 1973 <sup>p</sup>	Apr. 1973	June 1972	May 1972	June 1973 <sup>p</sup>	May 1973 <sup>p</sup>	Apr. 1973	June 1972	May 1972
-	<b>TRANSPORTATION AND PUBLIC UTILITIES--Continued</b>										
49	<b>ELECTRIC, GAS, AND SANITARY SERVICES</b>	-	41.6	41.4	41.5	41.2	-	-	-	-	-
491	Electric companies and systems.....	-	41.7	41.6	41.7	41.5	-	-	-	-	-
492	Gas companies and systems.....	-	40.6	40.5	40.6	40.2	-	-	-	-	-
493	Combination companies and systems..	-	42.1	41.8	41.9	41.7	-	-	-	-	-
494-7	Water, steam & sanitary systems.....	-	42.2	41.9	41.6	40.9	-	-	-	-	-
-	<b>WHOLESALE AND RETAIL TRADE.....</b>	35.1	34.5	34.4	35.5	34.8	-	-	-	-	-
50	<b>WHOLESALE TRADE.....</b>	39.6	39.4	39.3	40.0	39.8	-	-	-	-	-
501	Motor vehicles & automotive equipment..	-	40.1	39.9	40.4	40.0	-	-	-	-	-
502	Drugs, chemicals, and allied products...	-	38.0	38.0	38.5	38.4	-	-	-	-	-
503	Dry goods and apparel.....	-	37.0	37.2	37.7	37.1	-	-	-	-	-
504	Groceries and related products.....	-	39.2	39.3	40.4	40.2	-	-	-	-	-
506	Electrical goods.....	-	41.3	41.0	41.6	41.3	-	-	-	-	-
507	Hardware; plumbing & heating equipment	-	39.3	39.3	40.0	39.9	-	-	-	-	-
508	Machinery, equipment, and supplies....	-	40.1	40.3	40.7	40.5	-	-	-	-	-
509	Miscellaneous wholesalers.....	-	38.8	38.6	39.3	39.1	-	-	-	-	-
52-59	<b>RETAIL TRADE.....</b>	33.7	33.0	33.0	34.1	33.3	-	-	-	-	-
53	Retail general merchandise.....	-	32.0	31.9	32.2	31.5	-	-	-	-	-
531	Department stores.....	-	31.7	31.4	31.9	31.2	-	-	-	-	-
532	Mail order houses.....	-	37.2	37.7	38.1	36.7	-	-	-	-	-
533	Variety stores.....	-	29.8	30.3	30.3	29.4	-	-	-	-	-
54	Food stores.....	-	32.0	31.9	33.1	32.0	-	-	-	-	-
541-3	Grocery, meat, and vegetable stores...	-	32.3	32.2	33.5	32.3	-	-	-	-	-
56	Apparel and accessory stores.....	-	30.6	30.5	32.2	31.2	-	-	-	-	-
561	Men's & boys' clothing & furnishings..	-	33.4	33.1	33.9	32.8	-	-	-	-	-
562	Women's ready-to-wear stores.....	-	29.3	29.3	30.9	29.8	-	-	-	-	-
565	Family clothing stores.....	-	31.7	31.6	34.0	33.3	-	-	-	-	-
566	Shoe stores.....	-	29.4	29.5	31.6	30.5	-	-	-	-	-
57	Furniture and home furnishings stores..	-	37.0	36.8	37.3	36.7	-	-	-	-	-
571	Furniture and home furnishings.....	-	37.2	37.0	37.4	36.9	-	-	-	-	-
58	Eating and drinking places <sup>6</sup> .....	-	29.8	29.7	31.6	30.5	-	-	-	-	-
52,55,59	Other retail trade.....	-	37.1	37.0	38.1	37.5	-	-	-	-	-
52	Building materials and farm equipment	-	39.5	39.2	40.6	39.7	-	-	-	-	-
551,2	Motor vehicle dealers.....	-	40.2	40.2	40.7	40.3	-	-	-	-	-
553,9	Other automotive & accessory dealers..	-	40.6	40.7	41.6	41.1	-	-	-	-	-
591	Drug stores and proprietary stores...	-	30.5	30.5	32.6	31.9	-	-	-	-	-
594	Book and stationery stores.....	-	32.5	32.1	34.5	33.4	-	-	-	-	-
598	Fuel and ice dealers.....	-	37.1	37.9	37.9	37.5	-	-	-	-	-
-	<b>FINANCE, INSURANCE, AND REAL ESTATE<sup>7</sup>.....</b>	37.0	36.9	37.2	37.2	37.0	-	-	-	-	-
60	Banking.....	-	36.5	37.2	37.3	37.2	-	-	-	-	-
61	Credit agencies other than banks.....	-	37.8	38.2	38.0	37.8	-	-	-	-	-
612	Savings and loan associations.....	-	35.4	37.1	36.8	36.7	-	-	-	-	-
62	Security, commodity brokers & services.	-	38.1	38.0	37.0	37.1	-	-	-	-	-
63	Insurance carriers.....	-	36.8	37.0	37.0	37.0	-	-	-	-	-
631	Life insurance.....	-	36.4	36.4	36.6	36.6	-	-	-	-	-
632	Accident and health insurance.....	-	37.0	37.1	37.0	37.1	-	-	-	-	-
633	Fire, marine, and casualty insurance..	-	37.2	37.4	37.4	37.4	-	-	-	-	-
-	<b>SERVICES.....</b>	34.4	33.9	34.0	34.2	33.8	-	-	-	-	-
701	Hotels and other lodging places: Hotels, tourist courts, and motels <sup>8</sup> ...	-	32.8	32.9	33.9	33.2	-	-	-	-	-
721	Personal Services: Laundries & dry cleaning plants.....	-	35.5	35.1	35.7	35.6	-	-	-	-	-
722	Photographic studios.....	-	35.0	34.4	34.0	34.2	-	-	-	-	-
781	Motion pictures: Motion picture filming & distributing..	-	38.0	38.2	38.0	37.5	-	-	-	-	-
806	Hospitals.....	-	34.1	34.3	34.4	34.0	-	-	-	-	-

<sup>6</sup> Money payments only; tips, not included.<sup>7</sup> Data for nonoffice salesmen excluded from all series in this division.<sup>8</sup> Not available.

p= preliminary.

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

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

Average hourly earnings September 1971-June 1972

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

**ESTABLISHMENT DATA  
HOURS AND EARNINGS**

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

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

Item	1973					1972							
	Apr.	Mar.	Feb.	Jan.	Dec.	Nov.	Oct.	Sept.	Aug.	July	June	May	Apr.
<b>EXECUTIVE BRANCH</b>													
Total employment . . . . .	2,588.0	2,580.8	2,576.9	2,577.9	2,630.6	2,590.3	2,586.4	2,585.6	2,602.7	2,602.7	2,617.6	2,621.1	2,624.0
Average weekly hours . . . . .	39.3	39.3	39.6	39.5	41.9	39.6	39.7	39.6	39.6	39.6	39.2	39.3	39.2
Average overtime hours . . . . .	1.0	1.0	1.0	1.3	3.2	1.0	1.2	1.1	1.1	1.0	.9	.9	.8
Indexes (1967=100):													
Average weekly earnings . . . . .	158.5	159.1	158.9	158.5	163.8	151.8	154.1	152.4	149.9	148.6	149.2	149.6	148.7
Average hourly earnings . . . . .	158.9	159.5	158.1	158.1	154.1	151.1	153.0	151.6	149.2	147.8	150.0	150.0	149.5
<b>DEPARTMENT OF DEFENSE</b>													
Total employment . . . . .	963.0	962.3	965.3	970.6	978.0	978.2	976.8	973.9	976.6	976.2	988.4	987.9	987.5
Average weekly hours . . . . .	40.0	39.7	40.0	39.3	39.8	40.3	39.4	39.7	39.8	40.1	39.7	40.0	39.8
Average overtime hours . . . . .	.7	.7	.6	.7	.7	.8	.8	.8	.8	.9	1.0	1.0	.8
Indexes (1967=100):													
Average weekly earnings . . . . .	157.1	157.0	156.1	154.9	146.9	148.0	148.9	149.0	146.7	147.2	150.6	150.6	149.1
Average hourly earnings . . . . .	158.3	159.4	157.2	158.9	148.8	148.0	152.3	151.2	148.5	148.0	152.9	151.8	151.0
<b>POST OFFICE DEPARTMENT</b>													
Total employment . . . . .	669.9	670.0	666.8	662.7	704.5	666.1	663.7	667.3	672.7	673.8	694.2	698.8	703.6
Average weekly hours . . . . .	39.1	39.3	39.7	40.3	49.2	39.7	40.8	40.2	39.5	39.3	38.4	38.5	38.6
Average overtime hours . . . . .	1.4	1.5	1.8	2.5	10.3	1.4	2.0	1.5	1.3	1.2	.8	.8	.9
Indexes (1967=100):													
Average weekly earnings . . . . .	166.1	167.3	168.1	168.1	218.8	163.7	168.5	164.5	161.6	154.3	151.3	150.8	150.9
Average hourly earnings . . . . .	164.0	164.3	163.4	161.0	171.6	159.1	159.5	157.9	157.9	151.5	152.1	151.2	150.9
<b>OTHER AGENCIES</b>													
Total employment . . . . .	955.1	948.5	944.8	944.6	948.1	946.0	945.9	944.4	953.4	952.7	935.0	934.4	932.9
Average weekly hours . . . . .	38.8	38.8	39.1	39.1	38.8	38.9	39.2	39.1	39.5	39.4	39.3	39.0	38.9
Average overtime hours . . . . .	.9	.9	.9	.9	.7	.8	1.0	1.0	1.2	1.0	.9	.8	.9
Indexes (1967=100):													
Average weekly earnings . . . . .	156.7	156.9	156.9	156.9	148.8	149.9	150.8	149.4	146.9	147.3	148.2	148.5	147.7
Average hourly earnings . . . . .	156.7	156.9	155.7	155.7	148.8	149.5	149.3	148.3	144.3	145.0	146.3	147.8	147.3

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

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

Major industry group	Average hourly earnings excluding overtime <sup>1</sup>				
	June 1973 <sup>p</sup>	May 1973 <sup>p</sup>	Apr. 1973	June 1972	May 1972
<b>MANUFACTURING . . . . .</b>	\$3.86	\$3.85	\$3.83	\$3.63	\$3.63
<b>DURABLE GOODS . . . . .</b>	4.10	4.08	4.06	3.86	3.86
Ordnance and accessories . . . . .	-	4.10	4.03	3.93	2.94
Lumber and wood products . . . . .	-	3.36	3.34	3.16	3.13
Furniture and fixtures . . . . .	-	3.12	3.10	2.93	2.92
Stone, clay, and glass products . . . . .	-	3.91	3.88	3.70	3.68
Primary metal industries . . . . .	-	4.70	4.66	4.42	4.42
Fabricated metal products . . . . .	-	4.00	3.99	3.81	3.80
Machinery, except electrical . . . . .	-	4.27	4.26	4.07	4.06
Electrical equipment and supplies . . . . .	-	3.69	3.68	3.54	3.54
Transportation equipment . . . . .	-	4.73	4.72	4.48	4.50
Instruments and related products . . . . .	-	3.73	3.67	3.59	3.60
Miscellaneous manufacturing industries . . . . .	-	3.16	3.12	3.00	3.00
<b>NONDURABLE GOODS . . . . .</b>	3.51	3.50	3.48	3.31	3.31
Food and kindred products . . . . .	-	3.65	3.63	3.42	3.45
Tobacco manufactures . . . . .	-	3.79	3.75	3.49	3.47
Textile mill products . . . . .	-	2.75	2.74	2.58	2.58
Apparel and other textile products . . . . .	-	2.68	2.69	2.54	2.53
Paper and allied products . . . . .	-	3.90	3.89	3.70	3.67
Printing and publishing . . . . .	-	(2)	(2)	(2)	(2)
Chemicals and allied products . . . . .	-	4.23	4.21	4.03	4.01
Petroleum and coal products . . . . .	-	4.99	5.00	4.73	4.75
Rubber and plastics products, n e c . . . . .	-	3.55	3.57	3.40	3.40
Leather and leather products . . . . .	-	2.73	2.72	2.61	2.62

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

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

p = preliminary.

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

Industry	Gross average weekly earnings			Spendable average weekly earnings					
				Worker with no dependents			Worker with three dependents		
	May 1973 <sup>p</sup>	Apr. 1973	May 1972	May 1973 <sup>p</sup>	Apr. 1973	May 1972	May 1973 <sup>p</sup>	Apr. 1973	May 1972
<b>TOTAL PRIVATE:</b>									
Current dollars .....	\$142.45	\$141.33	\$133.58	\$115.36	\$114.54	\$109.74	\$125.11	\$124.25	\$119.06
1967 dollars .....	108.33	108.13	107.12	87.73	87.64	88.00	95.14	95.07	95.48
<b>MINING:</b>									
Current dollars .....	195.89	191.82	183.16	154.27	151.27	146.60	166.45	163.28	158.24
1967 dollars .....	148.97	146.76	146.88	117.32	115.74	117.56	126.58	124.93	126.90
<b>CONTRACT CONSTRUCTION:</b>									
Current dollars .....	236.74	232.21	221.17	185.77	182.21	176.66	200.02	196.22	190.11
1967 dollars .....	180.03	177.67	177.36	141.27	139.41	141.67	152.11	150.13	152.45
<b>MANUFACTURING:</b>									
Current dollars .....	164.42	163.21	153.09	131.14	130.29	124.14	141.97	141.06	134.31
1967 dollars .....	125.03	124.87	122.77	99.73	99.69	99.55	107.96	107.93	107.71
<b>TRANSPORTATION AND PUBLIC UTILITIES:</b>									
Current dollars .....	200.38	199.39	184.17	157.57	156.85	147.40	169.96	169.18	159.09
1967 dollars .....	152.38	152.56	147.69	119.83	120.01	118.20	129.25	129.44	127.58
<b>WHOLESALE AND RETAIL TRADE:</b>									
Current dollars .....	109.37	108.70	104.05	91.03	90.53	87.71	99.17	98.64	95.63
1967 dollars .....	83.17	83.17	83.44	69.22	69.27	70.34	75.41	75.47	76.69
<b>FINANCE, INSURANCE, AND REAL ESTATE:</b>									
Current dollars .....	131.73	133.55	126.91	107.52	108.85	104.82	116.75	118.17	113.81
1967 dollars .....	100.17	102.18	101.77	81.76	83.28	84.06	88.78	90.41	91.27
<b>SERVICES:</b>									
Current dollars .....	112.89	112.88	106.47	93.68	93.67	89.54	101.95	101.94	97.56
1967 dollars .....	85.85	86.37	85.38	71.24	71.67	71.80	77.53	78.00	78.24
<b>CONSUMER PRICE INDEX (All items, 1967 = 100).....</b>	131.5	130.7	124.7	<b>NOTE: The Consumer Price Index is an estimate of the average change in prices of goods and services purchased by urban wage earners and clerical workers.</b>					

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

**ESTABLISHMENT DATA  
HOURS AND EARNINGS**

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

1967 = 100

Industry division and group	June 1973 <sup>P</sup>	May 1973 <sup>P</sup>	Apr. 1973	June 1972	May 1972
	Man-hours				
<b>TOTAL</b> . . . . .	113.2	109.9	108.8	108.7	105.4
<b>GOODS-PRODUCING</b> . . . . .	106.0	102.4	100.9	100.6	96.8
<b>MINING</b> . . . . .	102.5	98.1	95.1	99.9	97.0
<b>CONTRACT CONSTRUCTION</b> . . . . .	119.6	109.0	101.4	113.9	105.2
<b>MANUFACTURING</b> . . . . .	103.8	101.4	101.0	98.2	95.3
<b>DURABLE GOODS</b> . . . . .	105.0	102.8	102.0	96.4	93.9
Ordnance and accessories . . . . .	55.4	56.4	57.2	54.6	52.5
Lumber and wood products . . . . .	110.2	106.2	104.5	109.1	102.9
Furniture and fixtures . . . . .	115.4	111.9	111.9	110.1	105.6
Stone, clay, and glass products . . . . .	115.0	113.1	113.1	110.2	106.0
Primary metal industries . . . . .	103.0	102.5	102.1	95.6	94.1
Fabricated metal products . . . . .	108.5	106.4	105.5	101.0	97.9
Machinery, except electrical . . . . .	101.8	100.2	99.4	89.8	87.7
Electrical equipment . . . . .	106.1	103.5	102.4	94.6	91.9
Transportation equipment . . . . .	105.1	101.2	101.3	93.0	92.5
Instruments and related products . . . . .	106.2	105.8	103.1	97.0	94.4
Miscellaneous manufacturing . . . . .	100.7	98.8	98.1	99.2	95.5
<b>NONDURABLE GOODS</b> . . . . .	101.9	99.4	99.4	101.0	97.4
Food and kindred products . . . . .	96.1	91.5	89.7	99.6	92.7
Tobacco manufactures . . . . .	69.5	67.9	69.5	66.7	63.5
Textile mill products . . . . .	107.9	104.9	106.7	105.7	102.3
Apparel and other textile products . . . . .	95.8	94.7	95.3	94.9	93.0
Paper and allied products . . . . .	106.8	104.1	103.7	104.3	100.3
Printing and publishing . . . . .	99.2	98.3	98.6	98.0	97.1
Chemicals and allied products . . . . .	103.5	101.4	101.8	100.1	97.9
Petroleum and coal products . . . . .	100.7	99.1	97.6	104.4	101.3
Rubber and plastics products, nec . . . . .	134.8	132.1	134.0	124.5	120.0
Leather and leather products . . . . .	87.4	84.1	81.9	91.6	88.3
<b>SERVICE-PRODUCING</b> . . . . .	118.1	115.0	114.3	114.4	111.3
<b>TRANSPORTATION AND PUBLIC UTILITIES</b> . . . . .	110.0	106.3	104.8	106.6	103.7
<b>WHOLESALE AND RETAIL TRADE</b> . . . . .	115.0	112.1	111.1	112.2	108.7
WHOLESALE TRADE . . . . .	113.0	110.1	109.6	110.3	107.5
RETAIL TRADE . . . . .	115.8	112.8	111.6	112.9	109.1
<b>FINANCE, INSURANCE, AND REAL ESTATE</b> . . . . .	123.4	121.7	122.1	121.7	119.2
<b>SERVICES</b> . . . . .	124.4	121.2	120.7	118.9	116.1

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



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

1967 = 100

Industry division and group	June 1973 <sup>p</sup>	May 1973 <sup>p</sup>	Apr. 1973	June 1972	May 1972
	Payrolls				
<b>TOTAL</b> .....	163.4	157.9	155.5	147.4	142.7
<b>GOODS-PRODUCING</b> .....	155.3	148.9	145.5	138.2	132.8
<b>MINING</b> .....	149.2	142.1	137.3	136.0	131.9
<b>CONTRACT CONSTRUCTION</b> .....	183.9	167.7	155.5	164.5	153.6
<b>MANUFACTURING</b> .....	148.2	144.4	143.2	131.6	127.5
<b>DURABLE GOODS</b> .....	150.3	146.5	144.8	129.3	125.8
Ordnance and accessories .....	73.8	75.2	75.0	70.1	67.1
Lumber and wood products .....	166.6	158.6	155.0	153.4	143.1
Furniture and fixtures .....	160.4	155.7	154.6	144.5	137.8
Stone, clay, and glass products .....	169.7	166.2	161.5	152.8	145.7
Primary metal industries .....	153.3	152.1	150.5	132.4	129.8
Fabricated metal products .....	154.4	150.2	148.4	134.8	130.0
Machinery, except electrical .....	143.9	141.4	140.1	120.0	116.6
Electrical equipment .....	146.6	142.5	140.8	124.5	120.6
Transportation equipment .....	154.4	147.6	147.5	127.1	127.3
Instruments and related products .....	143.3	143.6	137.9	126.2	122.9
Miscellaneous manufacturing .....	140.5	137.3	134.7	130.7	125.9
<b>NONDURABLE GOODS</b> .....	144.7	140.7	140.4	135.5	130.4
Food and kindred products .....	139.2	132.5	128.7	135.5	126.8
Tobacco manufactures .....	116.3	115.1	116.6	103.7	97.7
Textile mill products .....	151.7	147.7	150.3	139.7	135.0
Apparel and other textile products .....	129.5	127.6	128.8	121.2	117.8
Paper and allied products .....	154.7	149.5	148.6	142.4	135.4
Printing and publishing .....	141.2	139.9	139.4	133.5	132.3
Chemicals and allied products .....	148.4	144.1	144.3	135.3	131.2
Petroleum and coal products .....	145.4	144.6	142.6	144.3	140.3
Rubber and plastics products, nec .....	183.0	179.0	183.4	161.5	155.1
Leather and leather products .....	118.4	113.9	110.4	119.8	115.7
<b>SERVICE-PRODUCING</b> .....	170.4	165.6	164.2	155.3	151.1
<b>TRANSPORTATION AND PUBLIC UTILITIES</b> .....	169.0	162.9	160.8	151.0	146.6
<b>WHOLESALE AND RETAIL TRADE</b> .....	163.2	158.3	156.5	150.1	145.1
<b>WHOLESALE TRADE</b> .....	160.9	156.5	155.0	147.6	143.6
<b>RETAIL TRADE</b> .....	164.4	159.3	157.2	151.4	145.9
<b>FINANCE, INSURANCE, AND REAL ESTATE</b> .....	170.6	168.3	169.6	161.4	158.3
<b>SERVICES</b> .....	180.6	176.1	174.9	162.9	159.8

<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, seasonally adjusted**

Industry	1973						1972						
	June <sup>p</sup>	May <sup>p</sup>	Apr.	Mar.	Feb.	Jan.	Dec.	Nov.	Oct.	Sept.	Aug.	July	June
<b>TOTAL</b> .....	37.2	37.2	37.2	37.1	37.2	36.9	37.0	37.2	37.3	37.3	37.1	37.2	37.1
<b>MINING</b> .....	42.6	42.5	41.7	41.9	42.0	41.5	41.8	42.4	42.5	42.7	42.5	42.2	42.6
<b>CONTRACT CONSTRUCTION</b> .....	37.5	37.4	37.0	37.0	36.2	36.1	35.8	36.9	37.4	36.9	37.0	37.0	36.9
<b>MANUFACTURING</b> .....	40.7	40.8	40.9	40.9	41.0	40.3	40.7	40.8	40.7	40.8	40.6	40.6	40.6
<i>Overtime hours</i> .....	3.7	3.9	4.1	3.9	3.9	3.7	3.8	3.7	3.6	3.6	3.5	3.4	3.4
<b>DURABLE GOODS</b> .....	41.5	41.6	41.8	41.6	42.0	41.3	41.5	41.7	41.4	41.4	41.3	41.2	41.3
<i>Overtime hours</i> .....	3.9	4.2	4.4	4.1	4.4	4.1	4.0	3.9	3.8	3.8	3.6	3.5	3.4
Ordnance and accessories .....	41.8	42.1	42.0	42.4	42.7	42.5	42.5	42.3	42.5	42.3	42.6	42.3	42.0
Lumber and wood products .....	40.4	40.8	41.1	41.0	40.7	39.9	39.8	41.0	41.0	41.3	41.2	41.1	41.2
Furniture and fixtures .....	40.1	40.1	40.4	40.6	40.6	39.0	40.0	40.3	40.3	40.5	40.5	40.4	40.7
Stone, clay, and glass products .....	42.2	42.3	42.3	42.3	42.2	41.1	41.6	41.8	42.1	42.0	41.9	41.9	42.0
Primary metal industries .....	41.8	42.1	42.2	42.1	42.4	42.4	42.4	42.7	42.2	41.9	41.6	41.5	41.4
Fabricated metal products .....	41.3	41.5	41.8	41.7	41.9	41.4	41.6	41.6	41.4	41.3	41.2	41.2	41.1
Machinery, except electrical .....	42.8	42.7	42.5	42.6	42.9	42.4	42.6	42.6	42.4	42.4	42.2	42.1	42.1
Electrical equipment and supplies .....	40.3	40.6	40.6	40.6	41.1	40.4	40.5	40.8	40.6	40.6	40.5	40.4	40.5
Transportation equipment .....	42.6	42.2	43.5	42.0	43.2	42.3	42.4	42.2	41.7	41.9	41.4	41.4	41.5
Instruments and related products .....	40.8	40.8	40.8	40.7	40.8	40.4	40.6	40.5	40.6	40.7	40.6	40.5	40.6
Miscellaneous manufacturing industries .....	39.0	39.0	39.0	39.3	39.4	38.7	39.1	39.3	39.3	39.5	39.4	39.3	39.5
<b>NONDURABLE GOODS</b> .....	39.5	39.6	39.8	39.8	39.7	39.1	39.6	39.8	39.8	39.8	39.7	39.6	39.7
<i>Overtime hours</i> .....	3.2	3.4	3.6	3.5	3.4	3.4	3.4	3.5	3.4	3.4	3.3	3.3	3.3
Food and kindred products .....	40.1	40.3	40.1	40.2	40.2	40.1	40.4	40.3	40.4	40.3	40.3	40.4	40.4
Tobacco manufactures .....	34.2	35.2	36.5	36.0	35.6	33.9	35.4	35.4	35.5	34.4	35.3	34.2	34.3
Textile mill products .....	40.8	40.9	41.6	41.3	41.2	39.5	41.2	41.3	41.3	41.4	41.3	41.2	41.3
Apparel and other textile products .....	35.9	36.0	36.1	36.2	36.0	34.5	35.7	36.1	36.2	36.2	36.0	35.9	35.9
Paper and allied products .....	42.7	42.8	42.8	43.1	43.0	42.5	42.9	43.1	42.9	42.9	43.0	42.8	42.9
Printing and publishing .....	37.9	37.9	38.0	38.0	38.0	37.8	37.7	38.2	38.0	38.2	37.9	37.9	37.8
Chemicals and allied products .....	42.1	42.0	41.9	42.0	42.0	41.6	41.9	41.9	42.0	41.9	41.8	41.8	41.9
Petroleum and coal products .....	41.0	42.0	41.9	42.0	41.9	41.9	42.2	42.4	42.3	42.3	41.8	41.7	42.1
Rubber and plastics products, nec .....	40.9	40.9	41.5	41.5	41.5	41.0	41.3	41.6	41.3	41.2	41.3	41.0	41.2
Leather and leather products .....	38.1	38.0	38.2	37.9	37.8	37.2	36.5	37.8	37.9	38.7	38.9	38.4	38.6
<b>TRANSPORTATION AND PUBLIC UTILITIES</b> .....	40.9	40.7	40.7	40.4	40.4	40.6	40.5	40.4	40.5	40.3	40.6	40.3	40.6
<b>WHOLESALE AND RETAIL TRADE</b> .....	34.8	34.8	34.8	34.8	35.0	34.9	35.1	35.0	35.1	35.0	35.0	35.1	35.2
<b>WHOLESALE TRADE</b> .....	39.5	39.6	39.5	39.7	39.7	39.7	39.7	39.8	39.8	39.9	39.6	39.9	39.9
<b>RETAIL TRADE</b> .....	33.4	33.4	33.4	33.4	33.5	33.4	33.6	33.5	33.5	33.6	33.6	33.6	33.8
<b>FINANCE, INSURANCE, AND REAL ESTATE</b> .....	37.0	37.0	37.2	37.0	37.1	37.0	37.1	37.0	37.2	37.2	37.1	37.3	37.2
<b>SERVICES</b> .....	34.4	34.2	34.1	34.0	34.1	34.1	34.0	34.1	34.2	34.2	34.1	34.2	34.2

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

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

Industry division and group	1967 = 100												
	1973						1972						
	June <sup>p</sup>	May <sup>p</sup>	Apr.	Mar.	Feb.	Jan.	Dec.	Nov.	Oct.	Sept.	Aug.	July	June
<b>TOTAL</b> .....	111.0	110.6	110.4	109.9	109.8	108.4	108.2	108.4	108.1	107.5	106.9	106.4	106.7
<b>GOODS-PRODUCING</b> .....	103.3	103.0	102.9	102.4	102.1	99.5	99.8	100.5	100.1	99.2	98.4	97.6	98.0
<b>MINING</b> .....	98.9	98.2	96.2	96.9	97.5	95.9	95.8	97.4	97.8	97.8	97.0	96.1	96.6
<b>CONTRACT CONSTRUCTION</b> .....	110.9	108.9	106.5	107.9	105.0	101.4	99.7	105.0	107.9	106.2	106.2	104.7	105.8
<b>MANUFACTURING</b> .....	102.1	102.1	102.5	101.6	101.7	99.3	99.9	99.8	98.8	98.0	97.1	96.4	96.7
<b>DURABLE GOODS</b> .....	103.0	102.9	103.0	101.7	102.1	99.6	99.6	99.2	97.8	96.6	95.5	94.6	94.5
Ordnance and accessories .....	55.2	57.4	58.4	59.5	60.5	59.7	59.7	59.4	56.2	54.1	56.9	55.9	54.3
Lumber and wood products .....	104.9	106.3	107.1	106.7	105.9	103.0	102.6	105.1	104.3	104.7	104.4	104.0	103.8
Furniture and fixtures .....	114.4	113.9	114.8	114.8	114.3	109.2	111.3	111.6	110.8	110.5	110.0	109.2	108.9
Stone, clay, and glass products .....	111.2	112.9	111.9	111.9	111.0	106.5	107.6	108.3	108.7	107.0	106.8	106.6	106.4
Primary metal industries .....	99.9	100.9	100.1	99.3	100.6	100.4	100.6	100.5	99.1	97.5	94.8	92.3	92.8
Fabricated metal products .....	106.1	106.6	106.9	105.7	105.8	103.3	103.0	102.3	101.2	100.1	99.5	98.9	98.9
Machinery, except electrical .....	100.8	100.1	98.9	98.2	97.8	96.4	96.1	94.9	92.9	91.1	90.2	89.2	89.0
Electrical equipment .....	105.5	104.7	104.0	103.1	103.4	100.1	99.5	98.9	97.7	95.6	94.5	93.8	94.2
Transportation equipment .....	102.7	100.4	103.6	98.8	101.1	97.7	97.5	96.3	94.0	94.0	92.0	91.4	90.9
Instruments and related products .....	105.4	106.4	104.9	104.4	103.6	101.5	101.0	100.1	99.2	98.4	97.5	96.2	96.5
Miscellaneous manufacturing .....	99.4	100.3	100.3	101.0	101.3	98.3	99.1	99.6	98.7	98.6	98.1	97.2	98.0
<b>NONDURABLE GOODS</b> .....	100.8	100.9	101.7	101.6	101.2	98.8	100.4	100.7	100.4	100.0	99.5	99.1	99.9
Food and kindred products .....	96.5	96.9	97.3	97.8	98.0	97.5	97.8	97.2	97.8	97.4	96.9	98.7	99.9
Tobacco manufactures .....	76.9	77.9	80.8	79.6	76.3	70.2	73.3	70.9	68.6	65.2	70.6	74.4	74.7
Textile mill products .....	105.4	105.8	107.7	106.9	106.9	101.5	106.0	105.4	104.8	104.2	103.9	103.1	103.4
Apparel and other textile products .....	94.5	95.0	95.8	95.4	94.8	89.9	93.9	95.3	95.2	94.9	94.1	92.0	93.7
Paper and allied products .....	105.2	105.9	104.9	106.0	105.4	103.4	104.2	104.5	103.8	103.1	103.1	102.4	102.7
Printing and publishing .....	99.0	98.8	99.3	99.0	99.0	98.6	98.0	99.2	98.7	99.0	98.1	97.8	97.8
Chemicals and allied products .....	102.1	101.7	100.9	101.0	100.2	99.7	100.4	100.3	100.2	99.6	98.5	98.3	98.7
Petroleum and coal products .....	97.2	98.8	98.5	100.5	98.5	101.9	102.7	103.2	102.0	101.2	100.0	98.8	100.7
Rubber and plastics products, nec .....	133.2	132.2	135.4	134.2	133.7	130.3	130.0	129.9	127.0	124.2	123.7	122.1	123.2
Leather and leather products .....	84.2	83.6	84.3	82.7	82.2	81.2	80.9	84.1	85.3	87.5	88.3	87.1	88.3
<b>SERVICE-PRODUCING</b> .....	116.4	115.9	115.7	115.1	115.2	114.5	114.1	113.8	113.6	113.2	112.8	112.5	112.8
<b>TRANSPORTATION AND PUBLIC UTILITIES</b> .....	108.0	107.1	107.0	106.0	106.1	106.6	106.0	105.6	105.6	104.1	104.5	103.6	104.7
<b>WHOLESALE AND RETAIL TRADE</b> .....	113.4	113.6	113.4	113.2	113.1	112.0	112.0	111.7	111.2	111.2	110.6	110.3	110.8
<b>WHOLESALE TRADE</b> .....	111.8	111.8	111.5	111.7	111.4	111.0	110.1	110.3	110.1	109.9	108.9	109.2	109.3
<b>RETAIL TRADE</b> .....	114.1	114.2	114.1	113.7	113.7	112.4	112.8	112.3	111.6	111.6	111.2	110.7	111.3
<b>FINANCE, INSURANCE, AND REAL ESTATE</b> .....	122.0	122.2	122.8	122.0	122.0	121.1	121.4	120.9	121.2	120.9	120.3	120.4	120.3
<b>SERVICES</b> .....	122.6	121.3	120.7	120.0	120.2	119.6	118.4	118.4	118.3	117.9	117.3	117.2	117.1

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

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

Industry division	Annual rate, millions of man-hours <sup>2</sup>			Percent change <sup>3</sup>		
	June 1973 <sup>p</sup>	May 1973 <sup>p</sup>	April 1973	May 1973 to June 1973	April 1973 to May 1973	June 1972 to June 1973
	<b>TOTAL - ALL INDUSTRIES</b> .....	147,783	147,290	146,977	4.1	2.6
<b>TOTAL - PRIVATE</b> .....	120,091	119,634	119,368	4.7	2.7	3.9
<b>MINING</b> .....	1,356	1,346	1,318	9.1	28.1	1.7
<b>CONTRACT CONSTRUCTION</b> .....	7,121	7,013	6,871	20.2	27.9	4.6
<b>MANUFACTURING</b> .....	41,591	41,543	41,615	1.4	-2.1	4.8
<b>TRANSPORTATION AND PUBLIC UTILITIES</b> .....	9,796	9,719	9,716	10.0	0.3	3.2
<b>WHOLESALE AND RETAIL TRADE</b> .....	29,511	29,515	29,449	-0.1	2.7	2.5
<b>FINANCE, INSURANCE, AND REAL ESTATE</b> .....	7,775	7,781	7,798	-0.9	-2.6	2.3
<b>SERVICES</b> .....	22,941	22,719	22,601	12.4	6.4	4.8
<b>GOVERNMENT</b> .....	27,692	27,656	27,609	1.6	2.0	2.3

<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 22. Output Per Man-Hour Measures, Private Economy.

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

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

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

**OUTPUT PER MAN-HOUR  
SEASONALLY ADJUSTED**

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

1967=100

Item	Annual average		Quarterly indexes											
			1973		1972			1971			1970			
	1972	1971	I	IV	III	II	I	IV	III	II	I	IV	III	
<b>Total private:</b>														
Output per man-hour	112.7	108.1	116.0r	114.6	113.3	112.2	110.5	109.4	108.5	107.6	107.0	105.1	105.6	
Output	117.9	110.3	123.8	121.4	118.9	117.1	114.3	112.3	110.4	109.7	108.7	106.5	107.9	
Man-hours	104.7	102.0	106.7	105.9	105.0	104.4	103.4	102.6	101.8	101.9	101.6	101.3	102.1	
Compensation per man-hour	141.7	133.4	149.0r	145.0	142.2	140.7	138.8	136.0	134.4	132.5	130.6	127.7	126.1	
Real compensation per man-hour <sup>2</sup>	113.1	109.9	115.8	114.2	113.1	112.9	112.2	110.8	110.2	109.7	109.2	107.7	107.7	
Unit labor costs	125.8	123.4	128.5r	126.5	125.5	125.7	125.7	124.2	123.9	123.2	122.0	121.5	119.4	
Unit nonlabor payments <sup>3</sup>	114.8	110.6	118.2r	116.5	115.8	114.3	112.6	111.6	111.3	110.4	109.1	106.4	105.3	
Implicit price deflator <sup>4</sup>	121.5	118.4	124.5r	122.6	121.8	121.1	120.6	119.3	119.0	118.2	117.0	115.6	113.9	
<b>Private nonfarm:</b>														
Output per man-hour	112.1	107.1	115.3r	114.1	113.1	111.3	109.9	108.5	107.3	106.6	105.8	103.9	104.7	
Output	118.7	110.4	124.8r	122.3	120.0	117.8	114.9	112.7	110.5	109.8	108.7	106.5	108.1	
Man-hours	105.9	103.2	108.2	107.2	106.1	105.9	104.5	103.8	103.0	103.0	102.8	102.5	103.2	
Compensation per man-hour <sup>1</sup>	140.4	131.8	147.3	143.7	141.1	139.0	137.4	134.5	132.9	131.2	128.8	126.1	124.6	
Real compensation per man-hour <sup>2</sup>	112.0	108.7	114.4r	113.2	112.1	111.5	111.1	109.6	108.9	108.6	107.8	106.3	106.5	
Unit labor costs	125.2	123.2	127.7r	125.9	124.8	124.9	125.0	123.9	123.8	123.0	121.8	121.3	119.0	
Unit nonlabor payments <sup>3</sup>	113.9	110.7	116.1r	114.8	115.0	113.7	112.2	111.3	111.3	110.5	109.5	106.9	105.4	
Implicit price deflator <sup>4</sup>	120.9	118.4	123.3r	121.7	121.1	120.6	120.2	119.1	119.1	118.3	117.1	115.9	113.9	
<b>Manufacturing:</b>														
Output per man-hour	119.1	114.4	122.1r	120.7	120.1	118.5	116.6	115.1	115.3	114.7	112.6	109.0	109.6	
Output <sup>5</sup>	115.9	107.8	123.3r	120.4	117.0	115.0	111.1	108.7	107.9	108.2	106.3	102.3	106.8	
Man-hours	97.4	94.2	101.0	99.7	97.4	97.0	95.3	94.5	93.5	94.3	94.4	93.8	97.4	
Compensation per man-hour <sup>1</sup>	138.5	130.5	144.9r	141.4	139.1	137.5	135.9	132.2	131.2	130.0	128.2	125.5	124.0	
Real compensation per man-hour <sup>2</sup>	110.5	107.5	112.6r	111.4	110.6	110.3	109.9	107.8	107.6	107.6	107.3	105.8	106.0	
Unit labor costs	116.3	114.0	118.7r	117.1	115.9	116.0	116.5	114.9	113.8	113.3	113.9	115.1	113.1	
<b>Nonfinancial corporations:</b>														
Output per man-hour	117.9	112.5	121.6p	120.0	118.7	117.3	115.8	114.0	113.1	111.7	110.6	107.8	108.8	
Output	121.9	112.5	129.3p	126.2	122.7	120.9	117.8	114.6	112.5	111.9	110.7	107.4	110.5	
Man-hours	103.4	100.0	106.4p	105.2	103.4	103.1	101.7	100.6	99.4	100.2	100.1	99.7	101.6	
Compensation per man-hour <sup>1</sup>	140.5	132.4	147.2p	143.5	141.3	139.6	137.9	134.7	133.5	131.4	129.2	126.7	125.0	
Real compensation per man-hour <sup>2</sup>	112.2	109.1	114.4p	113.1	112.3	111.9	111.5	109.8	109.4	108.8	108.1	106.8	106.8	
Total unit costs <sup>6</sup>	121.4	120.0	122.4p	121.4	121.4	121.4	121.3	121.0	120.5	119.6	118.8	119.4	116.2	
Unit labor costs	119.2	117.7	121.1p	119.5	119.1	119.0	119.1	118.2	118.0	117.6	116.9	117.5	114.9	
Unit nonlabor costs <sup>7</sup>	128.1	126.9	126.6p	127.4	128.6	128.9	127.9	129.4	128.2	125.7	124.7	125.2	120.3	
Unit profits <sup>8</sup>	81.1	76.6	87.9p	84.7	81.6	79.8	78.1	74.5	76.9	78.8	76.6	65.9	72.6	
Implicit price deflator <sup>4</sup>	115.3	113.4	117.2p	115.9	115.4	115.1	114.8	113.9	113.9	113.4	112.4	111.3	109.6	

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

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

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

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

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

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

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

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

p= preliminary.

r= revised.

NOTE: Man-hour data underlying these indexes are based on seasonal factors derived from the seasonal experience through June 1972 only.

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

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

Item	Quarterly percent change						Annual percent change					
	IV, 1972 to I, 1973	III, IV 1972	II-III, 1972	I-II, 1972	IV, 1971 to I 1972	III-IV, 1971	I, 1972 to I, 1973	IV 1971 to IV, 1972	III, 1971 to III, 1972	II, 1971 to II, 1972	I, 1971 to I, 1972	IV, 1970 to IV, 1971
<b>Total private:</b>												
Output per man-hour.....	4.9r	4.7	4.1	6.2	3.9	3.7	5.0r	4.7	4.5	4.2	3.2	4.1
Output.....	8.4r	8.4	6.5	10.2	7.0	7.2	8.4r	8.0	7.7	6.7	5.1	5.5
Man-hours.....	3.3	3.5	2.3	3.8	3.1	3.4	3.2	3.1	3.1	2.4	1.8	1.4
Compensation per man-hour <sup>2</sup> .....	11.6r	7.9	4.4	5.6	8.7	4.7	7.3r	6.6	5.8	6.2	6.3	6.5
Real compensation per man-hour <sup>3</sup> .....	5.5r	4.2	0.8	2.4	5.1	2.3	3.2	3.1	2.6	2.9	2.7	2.9
Unit labor costs.....	6.4r	3.0	0.3	-0.6	4.6	1.0	2.2r	1.8	1.3	1.9	3.0	2.3
Unit nonlabor payments <sup>4</sup> .....	6.1r	2.4	5.6	6.0	3.6	1.1	5.0r	4.4	4.1	3.5	3.2	4.9
Implicit price deflator <sup>5</sup> .....	6.3r	2.8	2.2	1.7	4.2	1.0	3.2r	2.7	2.3	2.4	3.1	3.2
<b>Private nonfarm:</b>												
Output per man-hour.....	4.4r	3.6	6.6	5.1	5.2	4.7	4.9	5.1	5.4	4.4	3.9	4.4
Output.....	8.4r	7.9	7.5	10.6	8.1	8.1	8.6	8.5	8.6	7.3	5.6	5.8
Man-hours.....	3.8r	4.1	0.9	5.2	2.8	3.3	3.5	3.2	3.0	2.8	1.7	1.3
Compensation per man-hour <sup>2</sup> .....	10.5r	7.6	6.1	4.6	9.1	4.9	7.2	6.9	6.2	5.9	6.7	6.7
Real compensation per man-hour <sup>3</sup> .....	4.4r	3.9	2.4	1.5	5.5	2.6	3.0r	3.3	3.0	2.7	3.0	3.1
Unit labor costs.....	5.9r	3.8	-0.4	-0.5	3.8	0.3	2.2	1.6	0.8	1.5	2.7	2.1
Unit nonlabor payments <sup>4</sup> .....	4.5r	-0.4	4.7	5.2	3.5	-0.1	3.4r	3.2	3.3	2.9	2.5	4.1
Implicit price deflator <sup>5</sup> .....	5.4r	2.3	1.4	1.5	3.7	0.1	2.6r	2.2	1.7	2.0	2.6	2.8
<b>Manufacturing:</b>												
Output per man-hour.....	4.5r	2.2	5.5	6.6	5.6	-1.0	4.7r	4.9	4.1	3.3	3.6	5.5
Output.....	10.0r	12.1	7.1	14.8	9.1	3.0	11.0r	10.8	8.4	6.3	4.5	6.3
Man-hours.....	5.3r	9.8	1.6	7.7	3.3	4.1	6.0	5.5	4.2	2.9	0.9	0.7
Compensation per man-hour <sup>2</sup> .....	10.2r	6.6	4.9	4.8	11.5	3.1	6.6r	6.9	6.0	5.8	6.0	5.4
Real compensation per man-hour <sup>3</sup> .....	4.2r	2.9	1.3	1.5	8.0	0.8	2.5r	3.4	2.8	2.4	2.4	1.8
Unit labor costs.....	5.5r	4.3	-0.6	-1.6	5.6	4.2	1.9r	1.9	1.9	2.4	2.3	-0.2
<b>Nonfinancial corporations:</b>												
Output per man-hour.....	5.5p	4.9	4.7	5.3	6.6	3.0	5.0p	5.4	4.9	5.0	4.7	5.7
Output.....	10.3p	12.1	6.2	11.0	11.5	7.9	9.8p	10.2	9.1	8.0	6.4	6.7
Man-hours.....	4.5p	6.9	1.5	5.3	4.6	4.7	4.5p	4.6	4.0	2.9	1.6	0.9
Compensation per man-hour <sup>2</sup> .....	10.8p	6.4	5.1	4.8	9.8	3.7	6.8p	6.5	5.8	6.2	6.7	6.4
Real compensation per man-hour <sup>3</sup> .....	4.7p	2.7	1.4	1.7	6.2	1.4	2.6p	3.0	2.6	2.9	3.1	2.8
Total unit costs <sup>7</sup> .....	5.1p	0.3	0.0	0.4	1.1	1.4	1.6p	1.1	0.9	1.2	2.1	1.3
Unit labor costs.....	-2.4p	1.5	0.3	-0.5	3.1	0.6	-1.0p	1.1	0.9	1.2	2.0	0.6
Unit nonlabor costs <sup>8</sup> .....	3.1p	-3.9	-1.0	3.1	-4.5	3.6	0.9p	-1.6	0.3	2.5	2.6	3.3
Unit profits <sup>9</sup> .....	15.9p	18.5	9.4	8.9	20.9	-11.8	12.5p	14.3	6.1	1.3	2.0	13.0
Implicit price deflator <sup>5</sup> .....	4.4p	1.9	0.9	1.3	2.9	0.0	2.1p	1.7	1.3	1.5	2.1	2.4

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

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

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

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

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

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

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

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

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

p= preliminary.

r= revised.

NOTE: Man-hour data underlying these indexes are based on seasonal factors derived from the seasonal experience through June 1972 only.

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

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

(1967 = 100)

Year and month	Current dollars	1967 dollars	Current dollars	1967 dollars	Current dollars	1967 dollars	Current dollars	1967 dollars
	Total private <sup>2</sup>		Mining		Contract construction		Manufacturing	
1964	88.6	95.3	88.3	95.0	86.6	93.2	90.3	97.1
1965	91.9	97.2	91.8	97.2	90.1	95.3	92.6	98.0
1966	95.6	98.4	96.2	99.0	94.6	97.3	95.7	98.5
1967	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
1968	106.6	102.3	105.6	101.3	107.1	102.8	106.2	101.9
1969	113.6	103.5	113.7	103.5	116.5	106.1	112.6	102.5
1970	121.2	104.2	120.3	103.4	127.3	109.4	119.6	102.8
1971	129.7	106.9	127.2	104.9	138.1	113.8	127.5	105.1
1972	137.9	110.1	136.7	109.1	146.9	117.2	135.4	108.0
1972: June	136.9	109.5	135.8	108.6	144.6	115.7	134.7	107.8
July	137.7	109.7	136.6	108.8	145.2	115.7	135.0	107.6
August	138.1	109.8	136.9	108.9	147.0	116.9	135.5	107.8
September	139.8	110.7	138.1	109.4	149.9	118.8	136.7	108.3
October	140.4	110.9	138.1	109.1	151.6	119.7	137.0	108.2
November	140.7	110.9	139.4	109.8	150.8	118.9	137.7	108.5
December	141.9	111.4	141.6	111.2	151.8	119.2	139.2	109.4
1973: January	142.6	111.7	142.5	111.6	153.7	120.3	140.1	109.7
February	142.8	111.0	141.6	110.1	150.9	117.4	140.1	109.0
March	143.2	110.3	142.4	109.7	150.9	116.3	140.7	108.4
April	144.4	110.5	144.1	110.2	152.2	116.4	141.4	108.1
May <sup>p</sup>	144.9	110.2	145.0	110.2	153.5	116.7	142.0	108.0
June <sup>p</sup>	145.4	(*)	146.0	(*)	153.8	(*)	142.5	(*)

Year and month	Transportation and public utilities	Wholesale and retail trade	Finance, insurance, and real estate	Services
1964	89.4	96.2	87.3	93.9
1965	93.6	99.0	90.7	96.0
1966	96.4	99.2	95.0	97.7
1967	100.0	100.0	100.0	100.0
1968	105.5	101.3	107.2	102.8
1969	112.2	102.1	114.1	103.9
1970	119.0	102.3	121.1	104.1
1971	130.0	107.1	128.3	105.8
1972	143.7	114.6	135.0	107.7
1972: June	141.5	113.2	134.6	107.7
July	143.8	114.6	135.2	107.7
August	145.1	115.4	135.0	107.4
September	146.6	116.2	136.6	108.2
October	148.5	117.3	137.1	108.3
November	149.2	117.5	137.3	108.2
December	150.4	118.1	138.0	108.4
1973: January	150.7	118.0	138.7	108.6
February	151.7	118.0	139.5	108.5
March	151.3	116.7	140.2	108.0
April	153.8	117.7	141.5	108.3
May <sup>p</sup>	153.8	116.9	142.0	108.0
June <sup>p</sup>	153.8	(*)	142.6	(*)

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

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

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

\* Not available.

p = preliminary.

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

**EMPLOYEE COMPENSATION DATA  
SEASONALLY ADJUSTED**

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

Measure	Percent change over 4-quarter period <sup>1</sup> ending in--								
	1973		1972				1971		
	June <sup>P</sup>	Mar.	Dec.	Sept.	June	Mar.	Dec.	Sept.	June
Average hourly compensation:									
All persons, total private economy	(*)	7.3	6.6	5.8	6.2	6.3	6.5	6.6	7.5
All employees, private nonfarm economy:									
Current dollars	(*)	7.1	6.7	6.1	5.9	6.6	6.6	6.6	7.6
1967 dollars	(*)	2.9	3.1	3.0	2.7	3.0	3.0	2.2	3.1
Average hourly earnings, private nonfarm economy <sup>2</sup> :	6.3	6.2	6.7	6.0	6.2	6.5	6.5	6.6	6.9
Mining	6.4	5.5	10.7	6.6	7.3	8.1	2.2	6.7	6.5
Contract construction	5.9	6.6	6.4	5.4	6.8	7.7	8.2	8.3	9.0
Manufacturing	6.6	6.9	7.7	6.6	6.5	6.0	6.4	5.7	6.2
Transportation and public utilities	8.7	9.1	11.1	9.9	10.5	10.1	9.6	9.5	8.8
Wholesale and retail trade	5.8	4.9	5.4	5.0	4.9	5.6	5.4	5.6	5.9
Finance, insurance, and real estate	4.1	4.4	5.4	4.6	4.8	5.6	5.5	6.9	7.8
Services	5.5	4.9	6.0	5.3	5.6	6.0	6.0	6.3	7.7
Average hourly earnings, private nonfarm economy, <sup>2</sup> adjusted for overtime (in manufacturing only) and interindustry employment shifts:									
Total, current dollars	5.9	5.7	6.5	6.0	6.2	6.6	6.6	6.9	7.4
1967 dollars	(*)	1.6	3.0	2.8	3.0	3.0	3.0	2.5	2.9
Mining	7.1	5.8	8.1	7.0	7.4	8.3	4.7	6.4	5.8
Contract construction	5.8	6.2	6.2	5.4	6.6	7.8	8.0	8.2	8.9
Manufacturing	5.6	5.5	6.4	5.8	6.1	6.3	6.2	6.4	6.8
Transportation and public utilities	8.7	9.4	11.2	10.5	10.6	9.8	9.8	9.0	9.1
Wholesale and retail trade	5.8	5.1	5.5	5.0	5.0	5.6	5.7	6.0	6.4
Finance, insurance, and real estate	4.5	4.8	5.6	4.9	5.0	5.4	5.4	6.8	7.7
Services	5.5	4.7	5.7	5.0	5.5	6.2	6.1	7.2	8.0
Average hourly earnings, all Federal executive branch employees <sup>3</sup>	(*)	6.7	9.4	7.7	7.2	6.7	3.8	7.2	8.6
Average union scales, 7 building trades: <u>4/</u>									
Wages and selected benefits	(*)	6.9	7.9	8.0	7.3	11.1	10.8	11.7	12.2
Hourly wage rates	(*)	5.7	6.9	6.8	6.1	10.4	10.1	11.0	11.4
Wage rates, hired farm labor	(*)	7.2	9.0	7.3	5.7	4.6	3.5	5.3	5.4
Average weekly earnings, private nonfarm economy: <sup>2</sup>									
Current dollars	6.4	6.1	6.9	6.7	6.6	6.8	7.0	6.2	6.5
1967 dollars	(*)	1.9	3.4	3.5	3.4	3.1	3.5	1.8	2.0
Real spendable earnings (worker and 3 dependents, 1967 dollars)	(*)	.5	4.1	4.3	4.1	3.9	4.3	2.7	2.9

<sup>1</sup> Current quarter divided by comparable quarter a year earlier.  
<sup>2</sup> Production and nonsupervisory workers.  
<sup>3</sup> Computed from data that are not seasonally adjusted.  
<sup>4</sup> Changes subsequent to June 1971 based on data before seasonal adjustment.

\* Not available.  
 p= preliminary.  
 NOTE: See technical description at end of table C-17.

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

Measure	Percent change over previous quarter at annual rate								
	1973		1972				1971		
	June <sup>P</sup>	Mar.	Dec.	Sept.	June	Mar.	Dec.	Sept.	June
Average hourly compensation:									
All persons, total private economy	(*)	11.6	7.9	4.4	5.6	8.7	4.7	5.8	6.2
All employees, private nonfarm economy:									
Current dollars	(*)	10.6	7.2	5.9	4.7	9.0	5.1	5.1	7.2
1967 dollars	(*)	4.5	3.5	2.2	1.6	5.4	2.7	1.0	2.7
Average hourly earnings, private nonfarm economy <sup>1</sup> :	7.2	5.5	7.5	5.3	6.5	7.4	4.7	6.0	7.8
Mining	7.5	8.0	4.9	5.0	4.1	30.8	-9.6	7.8	7.2
Contract construction	2.3	7.5	10.0	3.8	5.0	6.8	6.2	9.3	8.7
Manufacturing	5.8	7.4	7.9	5.4	7.0	10.7	3.4	5.0	5.0
Transportation and public utilities	7.0	6.2	12.5	9.0	8.9	13.9	7.7	11.7	7.1
Wholesale and retail trade	7.0	4.9	5.4	5.9	3.6	6.6	3.7	5.7	6.3
Finance, insurance, and real estate	4.6	3.5	5.1	3.1	6.0	7.4	2.0	3.7	9.5
Services	6.7	3.7	8.7	3.0	4.3	8.1	5.9	4.1	6.0
Average hourly earnings, private nonfarm economy, <sup>1</sup> adjusted for overtime (in manufacturing only) and interindustry employment shifts:									
Total, current dollars	6.4	5.0	7.1	5.3	5.6	8.3	4.8	6.4	7.0
1967 dollars	(*)	-1.0	3.0	1.6	2.9	4.5	2.2	2.4	2.8
Mining	9.2	9.3	4.0	6.0	4.2	19.2	-5	7.8	7.4
Contract construction	2.8	7.1	9.3	4.1	4.3	7.1	6.2	8.7	9.4
Manufacturing	6.0	5.2	6.1	5.1	5.5	8.9	4.0	6.0	6.3
Transportation and public utilities	8.0	6.4	11.5	9.0	10.5	13.6	9.0	9.3	7.3
Wholesale and retail trade	7.1	5.0	5.7	5.3	4.4	6.5	3.9	5.2	7.0
Finance, insurance, and real estate	6.1	3.6	4.5	3.8	7.4	6.8	1.9	3.9	9.0
Services	7.1	4.1	7.2	3.5	4.1	8.0	4.4	5.7	6.9
Average hourly earnings, all Federal executive branch employees <sup>2</sup>	(*)	3.8	8.8	-8	3.3	6.4	2.3	-2.8	1.6
Average union scales, 7 building trades: <u>3/</u>									
Wages and selected benefits	(*)	1.7	5.3	7.7	13.3	5.6	5.4	4.9	15.9
Hourly wage rates	(*)	.8	4.4	6.5	11.3	5.6	3.9	4.0	15.8
Wage rates, hired farm labor	(*)	2.1	4.3	13.6	9.1	9.4	-2.3	7.0	4.7
Average weekly earnings, private nonfarm economy: <sup>1</sup>									
Current dollars	8.8	4.3	7.1	5.6	7.3	7.8	6.2	5.2	7.8
1967 dollars	(*)	-1.7	3.0	1.9	4.5	4.1	3.7	1.2	3.6
Real spendable earnings (worker and 3 dependents, 1967 dollars)	(*)	-5.0	2.2	1.3	3.7	9.4	3.0	.7	2.7

<sup>1</sup> Production and nonsupervisory workers.  
<sup>2</sup> Computed from data that are not seasonally adjusted. Actual percent change rather than annual rate of change is shown where change is affected by a general salary adjustment.  
<sup>3</sup> Changes subsequent to June 1971 based on data before seasonal adjustment.

\* Not available.  
 p= preliminary.  
 NOTE: See technical description at end of table C-17.

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

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

Measure	Percent change at annual rate over 12-month period <sup>1</sup> ending in--												
	1973						1972						
	June <sup>P</sup>	May <sup>P</sup>	Apr.	Mar.	Feb.	Jan.	Dec.	Nov.	Oct.	Sept.	Aug.	July	June
Average hourly earnings, private nonfarm economy <sup>2</sup>	6.6	6.4	6.1	6.1	6.2	6.2	6.2	6.9	6.9	6.0	6.1	5.8	5.8
Mining	6.9	6.7	5.5	5.3	5.1	6.0	6.3	13.6	12.5	6.3	6.3	7.3	7.4
Contract construction	6.5	5.3	5.8	5.9	6.1	7.8	7.2	6.2	5.9	5.5	5.4	5.4	6.0
Manufacturing	6.6	6.6	6.6	6.4	6.7	7.6	7.1	8.4	7.8	7.2	6.7	5.9	6.5
Transportation and public utilities	8.5	8.5	9.0	8.6	9.6	9.2	10.2	11.6	11.4	9.3	10.4	9.9	10.3
Wholesale and retail trade	6.0	6.0	5.4	5.4	5.1	4.4	5.1	5.5	5.5	5.2	4.8	4.9	4.9
Finance, insurance, and real estate	4.1	4.1	4.1	4.4	4.7	4.1	5.4	5.8	5.1	5.1	3.9	4.9	4.9
Services	5.7	5.7	5.1	5.1	4.8	4.8	5.8	6.2	5.9	5.6	5.0	5.3	5.0
Average hourly earnings, private nonfarm economy, <sup>2</sup> adjusted for overtime (in manufacturing only) and interindustry employment shifts:													
Total, current dollars	6.2	5.9	5.7	5.7	5.7	5.8	6.3	6.8	6.6	6.0	5.8	6.1	6.0
1967 dollars	(*)	.4	.5	1.0	1.7	2.1	2.8	3.1	3.1	2.7	2.7	3.0	3.0
Mining	7.5	7.4	6.2	5.9	5.6	6.0	6.4	9.1	9.0	6.4	6.6	8.0	7.5
Contract construction	6.4	5.4	5.7	5.5	5.6	7.4	6.8	5.8	6.0	5.6	5.3	5.3	5.9
Manufacturing	5.8	5.5	5.4	5.4	5.3	5.6	5.8	6.9	6.4	6.0	5.7	5.8	6.0
Transportation and public utilities	8.7	8.6	9.0	8.8	9.8	9.5	10.5	11.6	11.4	10.0	10.7	10.9	10.2
Wholesale and retail trade	5.9	5.9	5.5	5.4	5.2	4.7	5.3	5.6	5.5	5.3	4.7	5.0	4.9
Finance, insurance, and real estate	4.7	4.5	4.3	4.6	5.3	4.6	5.5	5.8	5.6	5.3	4.3	5.2	4.7
Services	6.0	5.5	4.9	5.1	4.5	4.5	5.6	5.6	5.8	5.1	4.7	5.1	5.0
Average hourly earnings, all Federal executive branch employees <sup>3</sup>	(*)	(*)	6.3	6.3	6.2	7.6	7.4	9.8	11.0	7.7	7.2	8.3	7.5
Average weekly earnings, private nonfarm economy: <sup>2</sup>													
Current dollars	6.9	6.6	5.8	6.1	6.2	5.9	5.9	7.2	7.7	7.2	6.4	6.7	6.1
1967 dollars	(*)	1.1	.6	1.4	2.2	2.2	2.5	3.5	4.2	3.8	3.3	3.5	3.1
Real spendable earnings (worker and 3 dependents, 1967 dollars)	(*)	-.3	-.8	(4)	.8	.8	3.3	4.2	4.8	4.5	4.1	4.3	4.0

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

\* Not available.  
p= preliminary.

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

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

Measure	Percent change at annual rate over 6-month period <sup>1</sup> ending in--												
	1973						1972						
	June <sup>P</sup>	May <sup>P</sup>	Apr.	Mar.	Feb.	Jan.	Dec.	Nov.	Oct.	Sept.	Aug.	July	June
Average hourly earnings, private nonfarm economy <sup>2</sup>	6.5	6.5	6.0	6.6	6.1	6.7	6.7	6.2	6.2	5.6	6.3	5.7	5.7
Mining	6.3	8.7	8.3	5.5	5.1	8.8	7.5	4.7	2.8	5.2	5.2	3.3	5.2
Contract construction	3.5	4.6	6.6	7.0	7.4	12.0	9.5	6.1	5.1	4.8	4.8	3.8	4.8
Manufacturing	5.7	7.3	6.8	6.3	6.9	9.7	7.5	5.9	6.5	6.5	6.6	5.5	6.6
Transportation and public utilities	5.9	6.8	7.2	9.6	9.2	9.2	11.2	10.3	10.8	7.6	10.1	9.2	9.3
Wholesale and retail trade	5.9	5.9	6.0	5.3	5.4	4.7	6.1	6.1	4.7	5.5	4.8	4.1	4.1
Finance, insurance, and real estate	2.9	4.1	5.2	3.5	4.7	4.7	5.3	4.1	2.9	5.4	4.8	3.6	5.4
Services	4.3	5.6	5.7	5.7	6.4	6.4	7.1	5.8	4.5	4.5	3.2	3.2	4.6
Average hourly earnings, private nonfarm economy, <sup>2</sup> adjusted for overtime (in manufacturing only) and interindustry employment shifts:													
Total, current dollars	5.5	5.9	5.8	5.8	5.9	6.4	6.9	5.9	5.7	5.6	5.5	5.3	5.6
1967 dollars	(*)	-1.2	-.7	-.1	.9	2.2	2.9	2.1	1.8	2.0	2.6	2.0	2.7
Mining	8.3	10.2	9.1	6.5	5.6	7.6	6.8	4.7	3.4	5.2	5.5	4.4	6.0
Contract construction	4.1	5.0	5.8	6.3	6.8	11.6	8.6	5.9	5.6	4.8	4.5	3.4	4.9
Manufacturing	5.9	5.7	5.2	5.4	5.4	6.1	5.7	5.4	5.6	5.5	5.2	5.2	6.0
Transportation and public utilities	5.9	7.0	8.8	8.7	9.1	9.1	11.5	10.2	9.2	8.9	10.5	9.9	9.5
Wholesale and retail trade	5.9	6.2	5.9	5.5	5.5	5.0	5.9	5.5	5.1	5.2	4.8	4.5	4.7
Finance, insurance, and real estate	4.0	4.8	5.6	2.9	4.9	4.4	5.4	4.1	3.0	6.3	5.7	4.8	5.6
Services	5.4	5.6	5.8	5.5	5.7	5.7	6.6	5.4	4.1	4.6	3.4	3.3	4.6
Average hourly earnings, all Federal executive branch employees <sup>3</sup>	(*)	(*)	7.9	5.2	6.0	7.0	5.5	1.5	4.7	2.1	.4	1.1	4.5
Average weekly earnings, private nonfarm economy: <sup>2</sup>													
Current dollars	7.7	6.5	5.4	5.5	6.7	5.0	6.2	6.8	6.2	6.8	5.7	6.9	5.7
1967 dollars	(*)	-.6	-1.1	-.4	1.6	.8	2.2	2.9	2.3	3.2	2.9	3.5	2.8
Real spendable earnings (worker and 3 dependents, 1967 dollars)	(*)	-2.8	-3.1	-2.5	-.6	-1.2	1.5	2.2	1.6	2.5	2.2	2.8	5.1

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

\* Not available.  
p= preliminary.

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



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

Measure	1973						1972						
	2nd quarter			1st quarter			4th quarter			3rd quarter			2nd quarter
	June <sup>p</sup>	May <sup>p</sup>	Apr.	Mar.	Feb.	Jan.	Dec.	Nov.	Oct.	Sept.	Aug.	July	June
<b>Levels</b>													
Average hourly earnings, private nonfarm economy <sup>1</sup>	\$ 3.87	\$ 3.85	\$ 3.84	\$ 3.81	\$ 3.78	\$ 3.77	\$ 3.75	\$ 3.73	\$ 3.73	\$ 3.69	\$ 3.67	\$ 3.65	\$ 3.63
Mining	4.67	4.63	4.59	4.54	4.52	5.58	4.53	4.44	4.41	4.42	4.41	4.39	4.37
Contract construction	6.40	6.33	6.35	6.31	6.29	6.37	6.29	6.19	6.15	6.10	6.07	6.02	6.01
Manufacturing	4.04	4.03	4.01	3.98	3.96	3.97	3.93	3.89	3.88	3.86	3.83	3.79	3.79
Transportation and public utilities	4.99	4.97	4.97	4.92	4.90	4.86	4.85	4.81	4.80	4.70	4.69	4.65	4.60
Wholesale and retail trade	3.18	3.16	3.15	3.13	3.11	3.09	3.09	3.07	3.06	3.05	3.03	3.02	3.00
Finance, insurance, and real estate	3.58	3.56	3.58	3.54	3.53	3.53	3.53	3.49	3.49	3.48	3.45	3.45	3.44
Services	3.34	3.33	3.32	3.30	3.27	3.26	3.27	3.24	3.23	3.21	3.17	3.16	3.16
Wage rates, hired farm labor (quarterly data)	-	-	1.94	-	-	1.93	-	-	1.91	-	-	1.85	-
Average weekly earnings, private nonfarm economy <sup>1</sup>													
Current dollars	143.96	143.22	142.85	141.35	140.62	139.11	138.75	138.76	139.13	137.64	136.16	135.78	134.67
1967 dollars	(*)	108.94	109.30	108.83	109.22	108.79	109.05	109.28	109.89	109.07	108.36	108.35	107.88
Real spendable earnings (worker and 3 dependents, 1967 dollars)	(*)	95.61	95.96	95.67	96.08	95.81	96.78	96.98	97.49	96.89	96.36	96.39	96.07
<b>Indexes, 1967=100</b>													
Average hourly compensation (quarterly data):													
All persons, total private economy	-	(*)	-	-	149.0	-	-	145.0	-	-	142.2	-	-
All employees, private nonfarm economy:													
Current dollars	-	(*)	-	-	147.0	-	-	143.3	-	-	140.9	-	-
1967 dollars	-	(*)	-	-	114.2	-	-	112.9	-	-	112.0	-	-
Average hourly earnings, private nonfarm economy, <sup>1</sup> adjusted for overtime (in manufacturing only) and interindustry employment shifts:													
Total, current dollars	145.7	144.8	144.4	143.3	142.5	142.3	141.9	140.7	140.4	139.3	138.5	138.0	137.2
1967 dollars	(*)	110.1	110.5	110.4	110.7	111.3	111.5	110.8	110.9	110.4	110.2	110.1	109.9
Mining	146.6	145.3	144.0	142.5	141.5	142.4	140.9	138.4	137.8	138.1	137.7	137.3	136.3
Contract construction	154.9	153.3	153.4	152.6	151.6	154.0	151.8	149.6	149.2	148.0	147.0	145.8	145.6
Manufacturing	142.8	141.9	141.1	140.4	139.7	139.5	138.8	138.0	137.5	136.8	136.1	135.5	135.0
Transportation and public utilities	154.4	153.8	154.6	152.1	151.5	150.4	150.1	148.7	148.2	145.9	145.1	144.0	142.1
Wholesale and retail trade	142.5	141.6	141.2	140.2	139.2	138.7	138.4	137.4	137.2	136.5	135.5	135.3	134.5
Finance, insurance, and real estate	139.2	138.4	139.1	136.9	137.0	136.8	136.5	135.2	135.4	134.9	133.8	133.9	133.0
Services	145.8	144.9	144.7	143.6	142.3	142.2	142.0	141.0	140.7	139.7	138.4	138.3	137.5
Average hourly earnings, all Federal executive branch employees <sup>2</sup>	(*)	(*)	158.9	159.5	158.1	158.1	154.1	151.1	153.0	151.6	149.2	147.8	150.0
Average union scales, 7 building trades (quarterly data):													
Wages and selected benefits	-	-	165.1	-	-	164.4	-	-	162.3	-	-	159.3	-
Hourly wage rates	-	-	156.4	-	-	156.1	-	-	154.4	-	-	152.0	-

<sup>1</sup> Production and nonsupervisory workers.      <sup>2</sup> Not seasonally adjusted.      \* Not available.      p= preliminary.

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

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

## ESTABLISHMENT DATA

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## STATE AND AREA HOURS AND EARNINGS

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

State and area	Average weekly earnings			Average weekly hours			Average hourly earnings		
	May 1973 <sup>P</sup>	Apr. 1973	May 1972	May 1973 <sup>P</sup>	Apr. 1973	May 1972	May 1973 <sup>P</sup>	Apr. 1973	May 1972
<b>ALABAMA</b> .....	\$ 139.33	\$ 140.08	\$ 130.70	41.1	41.2	41.1	\$ 3.39	\$ 3.40	\$ 3.18
Birmingham .....	162.00	163.61	154.28	40.4	40.7	40.6	4.01	4.02	3.80
Mobile .....	164.40	169.28	154.42	41.1	41.9	41.4	4.00	4.04	3.73
<b>ALASKA</b> .....	(*)	233.23	196.54	(*)	39.8	36.6	(*)	5.86	5.37
<b>ARIZONA</b> .....	158.80	157.60	153.12	40.0	39.9	40.4	3.97	3.95	3.79
Phoenix .....	162.00	160.80	153.97	40.0	39.9	40.2	4.05	4.03	3.83
Tucson .....	156.62	154.28	147.73	41.0	40.6	39.5	3.82	3.80	3.74
<b>ARKANSAS</b> .....	118.89	116.61	111.63	40.3	39.8	40.3	2.95	2.93	2.77
Fort Smith .....	116.61	115.05	108.19	39.0	39.0	39.2	2.99	2.95	2.76
Little Rock—North Little Rock .....	124.82	124.66	118.40	39.5	39.7	40.0	3.16	3.14	2.96
Pine Bluff .....	144.96	146.23	138.69	41.3	41.9	41.4	3.51	3.49	3.35
<b>CALIFORNIA</b> .....	178.16	177.39	168.84	40.4	40.5	40.2	4.41	4.38	4.20
Anaheim—Santa Ana—Garden Grove .....	169.71	169.71	165.24	40.6	40.6	40.7	4.18	4.18	4.06
Bakersfield .....	186.71	186.41	170.83	40.5	40.7	40.1	4.61	4.58	4.26
Fresno .....	153.63	153.23	143.24	39.8	39.8	38.3	3.86	3.85	3.74
Los Angeles—Long Beach .....	170.94	170.53	162.41	40.7	40.7	40.5	4.20	4.19	4.01
Modesto .....	159.64	153.50	150.14	37.3	36.9	38.3	4.28	4.16	3.92
Oxnard—Simi Valley—Ventura .....	156.02	161.98	152.82	39.3	40.8	39.9	3.97	3.97	3.83
Riverside—San Bernardino—Ontario .....	175.80	175.91	164.80	40.6	41.1	40.0	4.33	4.28	4.12
Sacramento .....	186.59	184.21	171.58	39.2	38.7	38.3	4.76	4.76	4.48
Salinas—Seaside—Monterey .....	174.26	172.61	147.07	41.1	41.0	38.1	4.24	4.21	3.86
San Diego .....	178.88	178.48	169.99	39.4	39.4	38.9	4.54	4.53	4.37
San Francisco—Oakland .....	203.70	200.43	191.78	39.4	39.3	39.3	5.17	5.10	4.88
San Jose .....	190.81	190.03	180.59	41.3	41.4	40.4	4.62	4.59	4.47
Santa Barbara—Santa Maria—Lompoc .....	155.19	154.84	152.10	3.87	39.1	39.2	4.01	3.96	3.88
Santa Rosa .....	170.68	169.06	159.94	39.6	39.5	39.2	4.31	4.28	4.08
Stockton .....	187.67	188.79	169.65	40.1	40.6	39.0	4.68	4.65	4.35
Vallejo—Fairfield—Napa .....	176.15	178.18	159.28	37.8	38.4	36.7	4.66	4.64	4.34
<b>COLORADO</b> .....	165.60	167.62	161.54	40.0	40.1	41.0	4.14	4.18	3.94
Denver .....	172.89	171.20	166.04	40.3	40.0	41.2	4.29	4.28	4.03
<b>CONNECTICUT</b> .....	(*)	172.58	157.80	(*)	42.3	41.2	(*)	4.08	3.83
Bridgeport .....	(*)	174.69	160.22	(*)	4.24	41.4	(*)	4.12	3.87
Hartford .....	(*)	183.17	166.86	(*)	42.4	41.2	(*)	4.32	4.05
New Britain .....	(*)	174.64	167.09	(*)	42.7	42.3	(*)	4.09	3.95
New Haven .....	(*)	167.22	156.18	(*)	41.7	41.1	(*)	4.01	3.80
Stamford .....	(*)	174.04	162.39	(*)	41.1	40.7	(*)	4.25	3.99
Waterbury .....	(*)	158.42	150.45	(*)	42.7	42.5	(*)	3.71	3.54
<b>DELAWARE</b> .....	169.60	168.80	158.80	40.0	40.0	40.0	4.24	4.22	3.97
Wilmington .....	187.11	185.38	171.14	40.5	40.3	39.8	4.62	4.60	4.30
<b>DISTRICT OF COLUMBIA:</b>									
Washington SMSA .....	181.34	180.73	175.11	38.5	38.7	39.0	4.71	4.67	4.49
<b>FLORIDA</b> .....	140.90	140.76	132.48	41.2	41.4	41.4	3.42	3.40	3.20
Fort Lauderdale—Hollywood .....	136.34	138.36	134.72	40.7	41.3	40.7	3.35	3.35	3.31
Jacksonville .....	163.88	160.60	155.88	41.7	41.5	43.3	3.93	3.87	3.60
Miami .....	130.47	134.64	125.14	39.9	40.8	40.5	3.27	3.30	3.09
Orlando .....	139.70	136.04	126.07	41.7	41.1	41.2	3.35	3.31	3.06
Pensacola .....	162.57	160.31	156.29	41.9	41.0	41.9	3.88	3.91	3.73
Tampa—St. Petersburg .....	149.70	146.97	136.68	41.7	41.4	40.2	3.59	3.55	3.40
West Palm Beach .....	167.31	177.45	153.06	42.9	45.5	40.6	3.90	3.90	3.77
<b>GEORGIA</b> .....	130.90	131.38	122.51	40.4	40.8	40.7	3.24	3.22	3.01
Atlanta .....	165.60	167.25	155.59	40.0	40.3	40.1	4.14	4.15	3.88
Savannah .....	159.42	162.38	155.06	42.4	43.3	42.6	3.76	3.75	3.64

See footnotes at end of table.

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

State and area	Average weekly earnings			Average weekly hours			Average hourly earnings		
	May 1973 p	Apr. 1973	May 1972	May p 1973	Apr. 1973	May 1972	May p 1973	Apr. 1973	May 1972
<b>HAWAII</b> .....	\$157.61	\$159.59	\$142.60	39.7	39.6	39.5	\$3.97	\$4.03	\$3.61
Honolulu .....	153.66	158.80	136.68	39.3	39.6	38.5	3.91	4.01	3.55
<b>IDAHO</b> .....	156.39	147.83	142.35	39.0	38.2	39.0	4.01	3.87	3.65
<b>ILLINOIS</b> .....	184.80	183.64	170.05	41.3	41.4	40.6	4.48	4.44	4.18
Chicago .....	(*)	184.97	172.34	(*)	41.4	40.7	(*)	4.47	4.23
Davenport-Rock Island-Moline .....	(*)	212.03	195.82	(*)	42.0	40.4	(*)	5.05	4.85
Decatur .....	(*)	201.24	179.09	(*)	42.0	40.4	(*)	4.80	4.43
Peoria .....	(*)	232.82	197.17	(*)	45.0	40.6	(*)	5.17	4.86
Rockford .....	(*)	181.76	168.88	(*)	42.0	41.7	(*)	4.33	4.05
Springfield .....	(*)	197.78	185.06	(*)	41.7	40.9	(*)	4.74	4.52
<b>INDIANA</b> .....	190.03	192.28	176.69	41.4	41.8	40.9	4.59	4.60	4.32
Indianapolis .....	(*)	198.86	182.90	(*)	42.4	41.1	(*)	4.69	4.45
<b>IOWA</b> .....	178.04	158.24	171.20	40.1	35.8	40.0	4.44	4.42	4.28
Cedar Rapids .....	186.73	140.90	169.43	41.1	30.5	40.6	4.54	4.62	4.17
Des Moines .....	195.29	163.49	176.80	41.6	34.7	39.1	4.69	4.72	4.53
Dubuque .....	212.68	183.92	191.00	39.7	33.9	38.4	5.36	5.42	4.98
Sioux City .....	163.78	152.11	147.21	40.6	39.8	40.3	4.03	3.82	3.65
Waterloo .....	213.75	176.75	209.01	40.8	34.6	41.9	5.24	5.11	4.99
<b>KANSAS</b> .....	159.18	157.23	152.61	41.0	40.8	40.9	3.88	3.85	3.73
Topeka .....	183.73	184.46	179.37	42.0	41.7	43.3	4.38	4.42	4.14
Wichita .....	169.85	166.90	160.80	42.3	41.9	42.0	4.02	3.98	3.83
<b>KENTUCKY</b> .....	157.16	156.75	148.34	40.4	40.4	40.2	3.89	3.88	3.69
Louisville .....	186.00	187.42	175.39	40.7	41.1	40.6	4.57	4.56	4.32
<b>LOUISIANA</b> .....	163.05	162.63	152.15	41.7	41.7	41.8	3.91	3.90	3.64
Baton Rouge .....	215.89	219.66	206.57	41.2	42.0	41.9	5.24	5.23	4.93
New Orleans .....	165.95	164.25	151.03	41.8	41.9	40.6	3.97	3.92	3.72
Shreveport .....	152.82	152.70	140.78	42.1	42.3	41.9	3.63	3.61	3.36
<b>MAINE</b> .....	130.60	127.58	120.18	41.2	40.5	40.6	3.17	3.15	2.96
Lewiston-Auburn .....	110.48	108.20	99.91	38.9	38.1	37.7	2.84	2.84	2.65
Portland .....	143.52	139.94	132.76	41.6	40.8	40.6	3.45	3.43	3.27
<b>MARYLAND</b> .....	169.29	168.06	155.59	40.5	40.4	40.1	4.18	4.16	3.88
Baltimore .....	177.10	175.45	162.81	40.9	40.8	40.4	4.33	4.30	4.03
<b>MASSACHUSETTS</b> .....	156.31	154.71	145.20	40.6	40.5	40.0	3.85	3.82	3.63
Boston .....	170.89	168.02	158.80	40.4	40.1	39.9	4.23	4.19	3.98
Brockton .....	132.89	130.42	126.32	39.2	38.7	39.6	3.39	3.37	3.19
Fall River .....	112.89	115.50	106.03	36.3	36.9	35.7	3.11	3.13	2.97
Lawrence-Haverhill .....	151.88	150.35	138.20	40.5	40.2	39.6	3.75	3.74	3.49
Lowell .....	141.55	139.60	129.59	40.1	40.0	38.8	3.53	3.49	3.34
New Bedford .....	128.70	129.89	117.73	39.0	39.6	38.6	3.30	3.28	3.05
Springfield-Chicopee-Holyoke .....	157.87	157.85	147.46	40.9	41.0	40.4	3.86	3.85	3.65
Worcester .....	165.98	161.59	145.36	41.6	40.6	39.5	3.99	3.98	3.68
<b>MICHIGAN</b> .....	229.42	233.92	207.95	43.9	44.7	42.5	5.23	5.23	4.89
Ann Arbor .....	254.10	257.74	221.17	45.8	46.7	43.4	5.55	5.52	5.10
Battle Creek .....	213.95	222.49	196.44	42.0	43.6	41.6	5.09	5.10	4.72
Bay City .....	199.58	203.99	186.60	42.0	42.4	41.4	4.75	4.81	4.51
Detroit .....	205.23	256.50	225.07	44.9	46.0	43.3	5.57	5.58	5.20
Flint .....	254.60	258.10	240.63	44.8	45.4	43.6	5.68	5.69	5.52
Grand Rapids .....	177.14	176.34	167.80	40.9	40.8	40.6	4.33	4.32	4.13
Jackson .....	207.23	213.30	192.86	43.2	44.4	41.6	4.80	4.80	4.64
Kalamazoo .....	199.99	202.91	191.12	42.2	42.7	42.2	4.74	4.75	4.53
Lansing-East Lansing .....	263.85	263.61	233.23	46.6	46.5	44.4	5.66	5.67	5.25
Muskegon-Muskegon Heights .....	194.54	197.67	175.05	42.7	43.0	40.7	4.56	4.60	4.30
Saginaw .....	261.84	263.74	226.53	44.5	44.9	42.2	5.88	5.87	5.37

See footnotes at end of table.

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

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

State and area	Average weekly earnings			Average weekly hours			Average hourly earnings		
	May p 1973	Apr. 1973	May 1972	May p 1973	Apr. 1973	May 1972	May p 1973	Apr. 1973	May 1972
<b>MINNESOTA</b> .....	\$ 168.05	\$ 169.73	\$ 160.40	40.3	40.8	40.0	\$ 4.17	\$ 4.16	\$ 4.01
Duluth-Superior .....	(*)	(*)	159.96	(*)	(*)	40.6	(*)	(*)	3.94
Minneapolis-St. Paul .....	180.26	182.48	170.83	40.6	41.1	40.1	4.44	4.44	4.26
<b>MISSISSIPPI</b> .....	115.71	116.98	111.38	39.9	40.2	40.5	2.90	2.91	2.75
Jackson .....	116.03	116.28	108.95	41.0	40.8	40.5	2.83	2.85	2.69
<b>MISSOURI</b> .....	158.80	156.42	150.75	39.8	39.4	40.2	3.99	3.97	3.75
Kansas City .....	178.57	176.88	166.03	40.4	40.2	40.2	4.42	4.40	4.13
St. Joseph .....	144.96	142.27	153.28	39.5	39.3	43.3	3.67	3.62	3.54
St. Louis .....	183.31	180.75	174.55	40.2	39.9	40.5	4.56	4.53	4.31
Springfield .....	136.91	134.92	131.52	39.8	39.8	41.1	3.44	3.39	3.20
<b>MONTANA</b> .....	175.12	176.92	166.80	39.8	40.3	40.0	4.40	4.39	4.17
<b>NEBRASKA</b> .....	153.29	152.35	145.03	41.3	41.2	41.1	3.71	3.70	3.53
Lincoln .....	149.57	154.69	130.45	40.6	41.9	39.1	3.68	3.69	3.34
Omaha .....	159.76	158.59	150.67	40.1	39.9	40.5	3.99	3.97	3.72
<b>NEVADA</b> .....	178.35	174.99	180.05	39.9	38.8	40.1	4.47	4.51	4.49
Las Vegas .....	(*)	209.16	208.08	(*)	41.5	41.7	(*)	5.04	4.99
<b>NEW HAMPSHIRE</b> .....	132.14	133.80	126.17	39.8	40.3	39.8	3.32	3.32	3.17
Manchester .....	120.19	121.99	115.50	38.4	39.1	38.5	3.13	3.12	3.00
<b>NEW JERSEY</b> .....	173.05	173.47	160.77	41.3	41.6	40.7	4.19	4.17	3.95
Atlantic City .....	137.20	140.59	133.12	39.2	40.4	39.5	3.50	3.48	3.37
Camden <sup>1</sup> .....	165.97	165.57	153.85	41.7	41.6	40.7	3.98	3.98	3.78
Jersey City <sup>2</sup> .....	172.60	173.43	159.14	42.2	42.3	40.7	4.09	4.10	3.91
Newark <sup>2</sup> .....	175.96	175.56	160.37	41.5	41.7	40.6	4.24	4.21	3.95
Paterson-Clifton-Passaic <sup>2</sup> .....	169.74	168.92	158.37	41.1	41.1	40.4	4.13	4.11	3.92
Perth Amboy <sup>2</sup> .....	190.80	190.85	175.14	42.4	42.6	41.7	4.50	4.48	4.20
Trenton .....	174.66	179.33	166.44	41.0	41.9	41.3	4.26	4.28	4.03
<b>NEW MEXICO</b> .....	121.10	118.59	113.83	40.1	39.4	39.8	3.02	3.01	2.86
Albuquerque .....	126.72	125.29	122.28	39.6	39.9	39.7	3.20	3.14	3.08
<b>NEW YORK</b> .....	165.15	165.19	156.02	39.7	39.9	39.4	4.16	4.14	3.96
Albany-Schenectady-Troy .....	179.11	182.55	175.92	40.8	41.3	41.2	4.39	4.42	4.27
Binghamton .....	(*)	160.96	152.97	(*)	41.7	40.9	(*)	3.86	3.74
Buffalo .....	207.25	204.67	190.44	41.7	41.6	41.4	4.97	4.92	4.60
Elmira .....	160.79	162.31	141.35	40.5	41.3	38.1	3.97	3.93	3.71
Monroe County <sup>3</sup> .....	207.55	205.51	194.69	42.1	42.2	41.6	4.93	4.87	4.68
Nassau-Suffolk <sup>4</sup> .....	161.99	157.19	152.87	39.9	39.2	39.5	4.06	4.01	3.87
New York-Northeastern New Jersey .....	(*)	162.78	151.71	(*)	39.8	39.0	(*)	4.09	3.89
New York and Nassau-Suffolk <sup>2</sup> .....	153.56	153.20	144.77	38.2	38.3	37.8	4.02	4.00	3.83
New York SMSA <sup>4</sup> .....	151.58	152.80	143.25	37.8	38.2	37.5	4.01	4.00	3.82
New York City <sup>5</sup> .....	151.18	151.62	142.87	37.7	38.0	37.4	4.01	3.99	3.82
Poughkeepsie .....	185.26	184.45	173.47	42.2	42.5	41.8	4.39	4.34	4.15
Rochester .....	199.39	197.35	186.71	41.8	41.9	41.4	4.77	4.71	4.51
Rockland County <sup>5</sup> .....	161.52	161.17	150.53	41.1	40.7	39.2	3.93	3.96	3.84
Syracuse .....	183.15	184.46	165.65	42.2	42.6	40.7	4.34	4.33	4.07
Utica-Rome .....	153.44	153.78	141.45	40.7	40.9	40.3	3.77	3.76	3.51
Westchester County <sup>5</sup> .....	160.74	162.00	152.87	39.3	40.1	39.4	4.09	4.04	3.88
<b>NORTH CAROLINA</b> <sup>6</sup> .....	118.48	119.07	111.10	40.3	40.5	40.4	2.94	2.94	2.75
Asheville <sup>6</sup> .....	112.92	112.52	108.79	39.9	39.9	40.9	2.83	2.82	2.66
Charlotte <sup>6</sup> .....	132.19	131.57	120.13	41.7	41.9	41.0	3.17	3.14	2.93
Greensboro-Winston-Salem-High Point <sup>6</sup> .....	132.47	132.47	123.69	39.9	39.9	39.9	3.32	3.32	3.10
Raleigh <sup>6</sup> .....	122.51	121.50	109.82	40.3	40.1	38.4	3.04	3.03	2.86
<b>NORTH DAKOTA</b> .....	141.05	139.73	131.93	40.3	40.5	40.1	3.50	3.45	3.29
Fargo-Moorhead .....	160.37	163.56	145.50	40.6	41.2	38.8	3.95	3.97	3.75

See footnotes at end of table.

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

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

State and area	Average weekly earnings			Average weekly hours			Average hourly earnings		
	May 1973 <sup>p</sup>	Apr. 1973	May 1972	May 1973 <sup>p</sup>	Apr. 1973	May 1972	May 1973 <sup>p</sup>	Apr. 1973	May 1972
<b>OHIO</b> .....	\$198.34	\$199.28	\$182.60	42.2	42.4	41.5	\$4.70	\$4.70	\$4.40
Akron .....	212.94	220.25	197.07	42.0	43.7	42.2	5.07	5.04	4.67
Canton .....	190.48	193.39	179.45	40.1	40.8	40.6	4.75	4.74	4.42
Cincinnati .....	185.70	186.14	172.22	42.3	42.4	41.8	4.39	4.39	4.12
Cleveland .....	207.93	208.89	189.48	43.5	43.7	42.2	4.78	4.78	4.49
Columbus .....	179.45	180.34	164.79	40.6	40.8	39.9	4.42	4.42	4.13
Dayton .....	216.86	216.07	200.98	43.2	43.3	42.4	5.02	4.99	4.74
Toledo .....	221.70	216.24	195.99	43.9	42.4	41.7	5.05	5.10	4.70
Youngstown--Warren .....	219.11	211.67	197.89	42.3	41.1	41.4	5.18	5.15	4.78
<b>OKLAHOMA</b> .....	142.48	143.56	138.57	39.8	40.1	40.4	3.58	3.58	3.43
Oklahoma City .....	147.06	144.08	138.45	40.4	39.8	39.9	3.64	3.62	3.47
Tulsa .....	157.14	158.30	149.41	40.5	40.8	40.6	3.88	3.88	3.68
<b>OREGON</b> .....	181.03	180.58	172.33	39.7	39.6	39.8	4.56	4.56	4.33
Eugene--Springfield .....	192.98	189.14	182.21	41.5	40.5	41.6	4.65	4.67	4.38
Portland .....	174.66	175.56	168.99	38.9	39.1	39.3	4.49	4.49	4.30
<b>PENNSYLVANIA</b> .....	165.21	164.42	152.06	40.1	40.2	39.6	4.12	4.09	3.84
Allentown--Bethlehem--Easton .....	165.42	162.29	150.16	39.2	39.2	38.8	4.22	4.14	3.87
Altoona .....	134.46	125.88	125.06	39.2	36.7	38.6	3.43	3.43	3.24
Delaware Valley <sup>7</sup> .....	171.65	171.33	160.39	40.2	40.6	39.8	4.27	4.22	4.03
Erie .....	173.45	171.79	160.19	42.1	41.9	41.5	4.12	4.10	3.86
Harrisburg .....	154.98	152.63	137.81	41.0	40.7	39.6	3.78	3.75	3.48
Johnstown .....	168.19	165.82	153.68	38.4	37.6	37.3	4.38	4.41	4.12
Lancaster .....	152.33	151.10	141.86	40.3	40.4	40.3	3.78	3.74	3.52
Philadelphia SMSA .....	170.89	170.91	159.60	40.4	40.5	39.9	4.23	4.22	4.00
Pittsburgh .....	196.35	195.94	179.01	41.6	41.6	40.5	4.72	4.71	4.42
Reading .....	151.64	150.84	137.28	39.8	39.8	39.0	3.81	3.79	3.52
Scranton .....	125.83	122.24	112.27	36.9	36.6	36.1	3.41	3.34	3.11
Wilkes-Barre--Hazleton .....	121.48	122.10	114.95	36.7	37.0	37.2	3.31	3.30	3.09
Williamsport .....	139.71	139.62	130.02	38.7	39.0	39.4	3.61	3.58	3.30
York .....	154.98	152.99	140.69	42.0	41.8	41.5	3.69	3.66	3.39
<b>RHODE ISLAND</b> .....	132.38	131.14	122.70	39.4	39.5	39.2	3.36	3.32	3.13
Providence--Warwick--Pawtucket .....	133.00	132.14	124.82	39.7	39.8	39.5	3.35	3.32	3.16
<b>SOUTH CAROLINA</b> .....	120.77	122.96	113.57	40.8	41.4	41.0	2.96	2.97	2.77
Charleston .....	141.36	140.61	125.36	41.7	41.6	40.7	3.39	3.38	3.08
Greenville .....	(*)	122.48	110.56	(*)	41.1	40.5	(*)	2.98	2.73
<b>SOUTH DAKOTA</b> .....	141.24	142.33	135.36	42.8	43.0	42.7	3.30	3.31	3.17
Sioux Falls .....	177.87	176.02	164.42	46.2	45.6	44.8	3.85	3.86	3.67
<b>TENNESSEE</b> .....	132.68	132.28	123.02	40.7	40.7	40.6	3.26	3.25	3.03
Chattanooga .....	145.96	144.67	137.35	41.0	41.1	41.0	3.56	3.52	3.35
Knoxville .....	147.20	148.67	139.04	40.0	40.4	40.3	3.68	3.68	3.45
Memphis .....	156.91	156.83	146.73	41.4	41.6	41.1	3.79	3.77	3.57
Nashville .....	134.78	133.98	126.16	38.4	38.5	38.7	3.51	3.48	3.26
<b>TEXAS</b> .....	151.25	152.35	142.33	41.1	41.4	40.9	3.68	3.68	3.48
Amarillo .....	125.29	123.32	115.74	39.4	39.4	39.5	3.18	3.13	2.93
Austin .....	130.15	128.39	126.42	40.8	40.5	42.0	3.19	3.17	3.01
Beaumont--Port Arthur--Orange .....	204.00	201.69	191.83	40.8	40.5	40.3	5.00	4.98	4.76
Corpus Christi .....	173.38	174.30	175.46	42.6	42.0	42.9	4.07	4.15	4.09
Dallas .....	139.13	139.33	130.40	40.8	41.1	40.0	3.41	3.39	3.26
El Paso .....	101.30	101.30	95.65	40.2	40.2	39.2	2.52	2.52	2.44
Fort Worth .....	155.77	160.06	150.79	41.1	41.9	41.2	3.79	3.82	3.66
Galveston--Texas City .....	235.01	230.37	215.46	43.2	42.9	42.0	5.44	5.37	5.13
Houston .....	184.04	187.89	174.70	43.1	43.9	42.3	4.27	4.28	4.13
Lubbock .....	126.24	124.23	122.76	41.8	41.0	44.0	3.02	3.03	2.79
San Antonio .....	125.24	120.83	115.35	44.1	41.1	42.1	2.84	2.94	2.74
Waco .....	135.55	134.14	122.11	41.2	41.4	40.3	3.29	3.24	3.03
Wichita Falls .....	111.32	111.04	105.69	39.9	39.8	39.0	2.79	2.79	2.71

See footnotes at end of table.

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

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

State and area	Average weekly earnings			Average weekly hours			Average hourly earnings		
	May 1973 <sup>P</sup>	Apr. 1973	May 1972	May 1973 <sup>P</sup>	Apr. 1973	May 1972	May 1973 <sup>P</sup>	Apr. 1973	May 1972
<b>UTAH</b> .....	\$ 153.66	\$ 154.05	\$ 148.93	39.0	39.4	39.4	\$ 3.94	\$ 3.91	\$ 3.78
Salt Lake City .....	139.73	140.76	138.10	38.6	39.1	38.9	3.62	3.60	3.55
<b>VERMONT</b> .....	145.12	143.79	135.79	41.7	41.8	41.4	3.48	3.44	3.28
Burlington .....	159.56	161.20	154.42	42.1	42.2	41.4	3.79	3.82	3.73
Springfield .....	173.13	170.28	149.04	43.5	43.0	41.4	3.98	3.96	3.60
<b>VIRGINIA</b> .....	132.59	133.17	124.64	40.3	40.6	40.6	3.29	3.28	3.07
Lynchburg .....	125.29	139.10	123.93	39.4	42.8	40.9	3.18	3.25	3.03
Norfolk-Virginia Beach-Portsmouth .....	157.50	151.26	137.10	42.8	41.9	41.8	3.68	3.61	3.28
Northern Virginia <sup>5</sup> .....	172.96	173.38	158.77	40.6	40.7	40.4	4.26	4.26	3.93
Richmond .....	148.06	148.34	139.65	39.8	40.2	39.9	3.72	3.69	3.50
Roanoke .....	123.11	122.40	118.90	40.1	40.0	41.0	3.07	3.06	2.90
<b>WASHINGTON</b> .....	186.59	184.86	180.05	39.2	39.0	40.1	4.76	4.74	4.49
Seattle-Everett .....	192.85	190.79	183.14	39.6	39.5	39.9	4.87	4.83	4.59
Spokane .....	175.76	172.93	172.77	38.8	38.6	39.0	4.53	4.48	4.43
Tacoma .....	185.76	186.12	178.82	38.7	39.1	39.3	4.80	4.76	4.55
<b>WEST VIRGINIA</b> .....	163.61	164.02	152.78	40.1	40.2	40.1	4.08	4.08	3.81
Charleston .....	194.04	195.50	183.90	42.0	42.5	41.7	4.62	4.60	4.41
Huntington-Ashland .....	175.76	179.10	163.10	38.8	39.8	39.3	4.53	4.50	4.15
Wheeling .....	168.51	173.46	157.10	40.9	41.3	40.7	4.12	4.20	3.86
<b>WISCONSIN</b> .....	183.02	171.40	169.14	41.4	38.6	41.0	4.42	4.44	4.12
Appleton-Oshkosh .....	179.24	174.87	167.39	42.6	41.7	42.2	4.21	4.20	3.97
Green Bay .....	178.37	173.90	171.22	41.7	40.8	42.3	4.28	4.26	4.05
Kenosha .....	234.48	229.34	212.60	43.9	42.8	43.4	5.34	5.36	4.90
La Crosse .....	144.48	134.15	133.02	40.2	36.9	39.7	3.60	3.63	3.35
Madison .....	194.38	177.18	182.63	41.0	37.2	40.2	4.74	4.76	4.55
Milwaukee .....	200.16	181.67	181.02	41.6	37.2	40.7	4.81	4.88	4.45
Racine .....	189.90	183.69	175.81	41.2	39.5	40.8	4.61	4.65	4.31
<b>WYOMING</b> .....	166.63	168.20	156.29	39.3	39.3	40.7	4.24	4.28	3.84
Casper .....	217.33	193.64	190.42	42.2	41.2	42.6	5.15	4.70	4.47
Cheyenne .....	172.82	171.97	164.79	37.9	38.3	39.9	4.56	4.49	4.13

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

<sup>2</sup> Area included in the New York-Northeastern New Jersey Standard Consolidated Area.

<sup>3</sup> Subarea of Rochester Standard Metropolitan Statistical Area.

<sup>4</sup> Area included in New York and Nassau-Suffolk combined SMSA's.

<sup>5</sup> Subarea of New York Standard Metropolitan Statistical Area.

<sup>6</sup> Revised series; not strictly comparable with previously published data.

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

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

\* Not available.

<sup>P</sup>=preliminary.

SOURCE: Cooperating State agencies listed on inside back cover.

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

(Per 100 employees)

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

<sup>p</sup>=preliminary.

**ESTABLISHMENT DATA  
LABOR TURNOVER**

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

(Per 100 employees)

SIC Code	Industry	Accession rates				Separation rates					
		Total		New hires		Total		Quits		Layoffs	
		May 1973 <sup>P</sup>	Apr. 1973	May 1973 <sup>P</sup>	Apr. 1973	May 1973 <sup>P</sup>	Apr. 1973	May 1973 <sup>P</sup>	Apr. 1973	May 1973 <sup>P</sup>	Apr. 1973
	<b>MANUFACTURING</b> .....	5.3	4.5	4.4	3.6	4.4	4.1	2.8	2.4	0.7	0.7
19,24,25,32-39	<b>DURABLE GOODS</b> .....	5.1	4.3	4.3	3.5	3.9	3.6	2.4	2.1	.5	.5
20-23,26-31	<b>NONDURABLE GOODS</b> .....	5.7	4.7	4.6	3.7	5.0	4.7	3.3	2.9	.9	1.0
	<i>Durable Goods</i>										
19	<b>ORDNANCE AND ACCESSORIES</b> .....	-	1.8	-	1.0	-	2.7	-	.9	-	1.2
192	Ammunition, except for small arms .....	-	1.5	-	.7	-	2.7	-	.8	-	1.3
24	<b>LUMBER AND WOOD PRODUCTS</b> .....	8.6	6.8	7.3	5.7	6.4	6.0	4.6	4.2	.7	.8
242	Sawmills and planing mills .....	-	6.2	-	5.2	-	6.0	-	4.1	-	1.0
2421	Sawmills and planing mills, general .....	-	6.0	-	4.9	-	5.7	-	3.7	-	1.0
243	Millwork, plywood & related products .....	-	6.5	-	5.7	-	5.4	-	3.9	-	.5
2431	Millwork .....	-	6.4	-	5.8	-	5.4	-	3.8	-	.7
2432	Veneer and plywood .....	-	5.4	-	4.7	-	5.0	-	3.8	-	.2
244	Wooden containers .....	-	9.9	-	8.4	-	8.9	-	6.6	-	1.1
2441,2	Wooden boxes, shooks, and crates .....	-	9.7	-	7.8	-	8.4	-	6.3	-	1.4
249	Miscellaneous wood products .....	-	6.9	-	6.1	-	6.5	-	4.7	-	.5
25	<b>FURNITURE AND FIXTURES</b> .....	7.5	6.6	6.9	6.0	7.0	6.3	5.2	4.6	.5	.4
251	Household furniture .....	-	7.0	-	6.5	-	6.8	-	5.1	-	.4
2511	Wood household furniture .....	-	7.1	-	6.6	-	7.2	-	5.5	-	.3
2512	Upholstered household furniture .....	-	6.0	-	5.6	-	5.4	-	4.2	-	.2
2515	Mattresses and bedsprings .....	-	6.1	-	5.5	-	6.0	-	4.3	-	.5
252	Office furniture .....	-	5.8	-	4.6	-	4.2	-	2.9	-	.4
32	<b>STONE, CLAY, AND GLASS PRODUCTS</b> .....	6.2	5.5	5.4	4.3	4.4	4.1	2.8	2.6	.4	.6
321	Flat glass .....	-	3.6	-	.9	-	2.4	-	.5	-	1.0
322	Glass and glassware, pressed or blown .....	-	4.3	-	3.3	-	3.6	-	1.6	-	.9
3221	Glass containers .....	-	4.4	-	3.6	-	3.4	-	1.7	-	.7
3229	Pressed and blown glass, n e c .....	-	4.3	-	2.9	-	3.7	-	1.6	-	1.1
324	Cement, hydraulic .....	-	1.5	-	1.1	-	1.0	-	.3	-	.2
325	Structural clay products .....	-	6.4	-	5.7	-	5.4	-	4.1	-	.3
3251	Brick and structural clay tile .....	-	7.2	-	6.5	-	7.1	-	5.6	-	.2
326	Pottery and related products .....	-	4.7	-	4.1	-	4.2	-	2.8	-	.2
3291	Abrasive products .....	-	3.9	-	3.6	-	2.4	-	1.5	-	(1)
33	<b>PRIMARY METAL INDUSTRIES</b> .....	4.3	3.4	3.7	2.8	2.9	2.6	1.6	1.4	.2	.3
331	Blast furnace and basic steel products .....	-	2.8	-	2.0	-	1.7	-	.7	-	.2
3312	Blast furnaces and steel mills .....	-	2.6	-	1.8	-	1.6	-	.5	-	.2
332	Iron and steel foundries .....	-	5.1	-	4.5	-	4.3	-	2.6	-	.3
3321	Gray iron foundries .....	-	5.1	-	4.4	-	4.2	-	2.6	-	.2
3322	Malleable iron foundries .....	-	5.0	-	4.6	-	4.4	-	3.0	-	.1
3323	Steel foundries .....	-	5.1	-	4.5	-	4.6	-	2.6	-	.5
333,4	Nonferrous metals .....	-	2.5	-	2.1	-	2.7	-	1.2	-	.7
335	Nonferrous rolling and drawing .....	-	2.7	-	2.2	-	2.2	-	1.0	-	.3
3351	Copper rolling and drawing .....	-	2.3	-	1.8	-	2.2	-	.8	-	.2
3352	Aluminum rolling and drawing .....	-	3.1	-	2.7	-	2.1	-	1.0	-	.4
3357	Nonferrous wire drawing, and insulating .....	-	2.4	-	2.0	-	2.2	-	1.1	-	.2
336	Nonferrous foundries .....	-	6.1	-	5.7	-	5.0	-	3.5	-	.2
3361	Aluminum castings .....	-	6.7	-	6.2	-	5.4	-	3.8	-	.1
3362,9	Other nonferrous castings .....	-	5.3	-	5.1	-	4.5	-	3.1	-	.4
339	Miscellaneous primary metal products .....	-	3.4	-	3.0	-	3.2	-	1.6	-	.5
3391	Iron and steel forgings .....	-	2.9	-	2.4	-	2.9	-	1.2	-	.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	
		May 1973 <sup>P</sup>	Apr. 1973	May 1973 <sup>P</sup>	Apr. 1973	May 1973 <sup>P</sup>	Apr. 1973	May 1973 <sup>P</sup>	Apr. 1973	May 1973 <sup>P</sup>	Apr. 1973
	<i>Durable Goods--Continued</i>										
34	<b>FABRICATED METAL PRODUCTS</b>	-	5.0	-	4.1	-	4.2	-	2.5	-	0.6
341	Metal cans	-	5.8	-	2.0	-	5.1	-	1.1	-	2.5
342	Cutlery, hand tools, and hardware	-	4.0	-	3.3	-	3.1	-	2.0	-	.3
3421,3,5	Cutlery and hand tools, incl. saws	-	4.2	-	3.8	-	3.5	-	2.2	-	.5
3429	Hardware, n e c	-	3.9	-	2.9	-	2.9	-	1.9	-	.2
343	Plumbing and heating, except electric	-	4.4	-	3.9	-	4.1	-	2.4	-	.6
3431,2	Sanitary ware & plumbers' brass goods	-	4.5	-	4.4	-	4.0	-	2.4	-	.4
3433	Heating equipment, except electric	-	4.3	-	3.5	-	4.2	-	2.3	-	.7
344	Fabricated structural metal products	-	5.9	-	5.0	-	4.6	-	2.9	-	.7
3441	Fabricated structural steel	-	5.8	-	4.4	-	4.7	-	2.9	-	.8
3443	Fabricated plate work (boiler shops)	-	3.7	-	3.3	-	2.8	-	1.7	-	.4
3446,9	Architectural and misc. metal work	-	6.3	-	5.6	-	5.1	-	3.2	-	.9
345	Screw machine products, bolts, etc.	-	4.6	-	4.3	-	4.2	-	2.8	-	.3
3452	Bolts, nuts, rivets, and washers	-	3.4	-	3.2	-	3.1	-	1.8	-	.3
346	Metal stampings	-	4.0	-	3.2	-	3.3	-	1.7	-	.6
348	Misc. fabricated wire products	-	5.6	-	4.7	-	4.9	-	3.5	-	.3
349	Misc. fabricated metal products	-	4.0	-	3.6	-	3.4	-	2.0	-	.3
3494,8	Valves, pipe, and pipe fittings	-	3.8	-	3.5	-	3.2	-	1.8	-	.4
35	<b>MACHINERY, EXCEPT ELECTRICAL</b>	4.0	3.3	3.5	2.9	3.1	2.8	1.8	1.6	.4	.3
351	Engines and turbines	-	2.5	-	1.8	-	2.1	-	.8	-	.3
3511	Steam engines and turbines	-	1.7	-	1.0	-	1.8	-	.6	-	.2
3519	Internal combustion engines, n e c	-	2.9	-	2.2	-	2.3	-	1.0	-	.3
352	Farm machinery	-	4.1	-	3.5	-	4.1	-	2.5	-	.5
353	Construction and related machinery	-	3.2	-	2.8	-	2.4	-	1.4	-	.3
3531,2	Construction and mining machinery	-	2.8	-	2.5	-	1.8	-	1.0	-	.1
3533	Oil field machinery	-	3.6	-	3.4	-	3.3	-	2.2	-	.1
3535,6	Conveyors, hoists, cranes, monorails	-	3.6	-	3.3	-	2.7	-	1.7	-	.1
354	Metal working machinery	-	3.8	-	3.3	-	2.8	-	1.8	-	.3
3541	Machine tools, metal cutting types	-	3.2	-	2.8	-	2.1	-	1.3	-	.2
3545	Machine tool accessories	-	3.9	-	3.7	-	2.5	-	1.8	-	.1
3542,8	Misc. metal working machinery	-	3.6	-	3.2	-	2.6	-	1.8	-	.1
355	Special industry machinery	-	3.5	-	3.1	-	2.7	-	1.6	-	.3
3551	Food products machinery	-	3.3	-	3.0	-	2.6	-	1.7	-	.3
3552	Textile machinery	-	5.4	-	4.6	-	4.5	-	2.7	-	.6
356	General industrial machinery	-	3.1	-	2.6	-	2.4	-	1.4	-	.3
3561	Pumps and compressors	-	2.9	-	2.5	-	2.3	-	1.3	-	.3
3562	Ball and roller bearings	-	2.6	-	1.9	-	2.2	-	.9	-	.5
3566	Power transmission equipment	-	3.2	-	2.9	-	2.4	-	1.5	-	.1
357	Office and computing machines	-	2.1	-	1.6	-	2.3	-	1.2	-	.5
3573	Electronic computing equipment	-	1.8	-	1.4	-	1.9	-	1.0	-	.3
358	Service industry machines	-	3.7	-	3.1	-	3.3	-	1.9	-	.5
3585	Refrigeration machinery	-	3.7	-	3.0	-	3.2	-	1.7	-	.4
36	<b>ELECTRICAL EQUIPMENT AND SUPPLIES</b>	-	3.8	-	3.0	-	3.3	-	1.9	-	.4
361	Electric test & distributing equipment	-	3.5	-	2.8	-	2.9	-	1.7	-	.2
3611	Electric measuring instruments	-	3.3	-	2.8	-	3.0	-	1.8	-	.3
3612	Transformers	-	4.0	-	3.0	-	3.1	-	1.7	-	.2
3613	Switchgear and switchboard apparatus	-	3.2	-	2.6	-	2.6	-	1.5	-	.1
362	Electrical industrial apparatus	-	3.8	-	2.9	-	3.2	-	1.8	-	.3
3621	Motors and generators	-	3.8	-	2.9	-	3.1	-	1.7	-	.2
3622	Industrial controls	-	3.6	-	2.9	-	3.3	-	1.7	-	.7
363	Household appliances	-	4.7	-	3.6	-	3.9	-	2.0	-	.4
3632	Household refrigerators and freezers	-	5.9	-	4.1	-	4.5	-	1.8	-	.5
3633	Household laundry equipment	-	2.2	-	1.6	-	1.6	-	.8	-	.2
3634	Electric housewares and fans	-	5.2	-	4.2	-	4.8	-	3.2	-	.6
364	Electric lighting and wiring equipment	-	4.9	-	4.2	-	4.3	-	2.6	-	.5
3641	Electric lamps	-	3.0	-	2.4	-	2.3	-	1.0	-	.2
3642	Lighting fixtures	-	5.0	-	4.3	-	5.0	-	2.5	-	1.0
3643,4	Wiring devices	-	5.5	-	4.8	-	4.6	-	3.1	-	.2
365	Radio and TV receiving equipment	-	5.6	-	3.9	-	4.8	-	2.6	-	.6
366	Communication equipment	-	1.9	-	1.3	-	2.1	-	1.0	-	.4
3661	Telephone and telegraph apparatus	-	1.3	-	1.1	-	1.4	-	.8	-	.2
3662	Radio and TV communication equipment	-	2.2	-	1.5	-	2.4	-	1.1	-	.5
367	Electronic components and accessories	-	4.5	-	3.6	-	3.9	-	2.5	-	.3
3671-3	Electron tubes	-	3.7	-	2.2	-	3.8	-	1.5	-	.6
3674,9	Other electronic components	-	4.6	-	3.9	-	3.9	-	2.7	-	.2
369	Misc. electrical equipment & supplies	-	3.2	-	2.7	-	2.8	-	1.7	-	.3
3694	Engine electrical equipment	-	2.4	-	1.8	-	2.4	-	1.4	-	.1

See footnotes at end of table.

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

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

(Per 100 employees)

SIC Code	Industry	Accession rates				Separation rates					
		Total		New hires		Total		Quits		Layoffs	
		May 1973 <sup>p</sup>	Apr. 1973	May 1973 <sup>p</sup>	Apr. 1973	May 1973 <sup>p</sup>	Apr. 1973	May 1973 <sup>p</sup>	Apr. 1973	May 1973 <sup>p</sup>	Apr. 1973
<i>Durable Goods--Continued</i>											
37	<b>TRANSPORTATION EQUIPMENT</b>	-	4.2	-	3.2	-	3.3	-	1.7	-	0.7
371	Motor vehicles and equipment	-	3.4	-	2.6	-	2.2	-	1.1	-	.2
3711	Motor vehicles	-	3.4	-	2.6	-	2.1	-	1.0	-	.2
3712	Passenger car bodies	-	2.1	-	1.6	-	1.3	-	.5	-	.2
3713	Truck and bus bodies	-	6.1	-	4.8	-	3.4	-	2.1	-	.2
3714	Motor vehicle parts and accessories	-	3.0	-	2.1	-	2.0	-	.9	-	.2
372	Aircraft and parts	-	2.1	-	1.4	-	2.0	-	.8	-	.6
3721	Aircraft	-	1.9	-	1.1	-	1.8	-	.7	-	.7
3722	Aircraft engines and engine parts	-	1.9	-	1.3	-	1.7	-	.7	-	.4
3723,9	Other aircraft parts and equipment	-	3.1	-	2.4	-	2.9	-	1.2	-	.8
373	Ship and boat building and repairing	-	7.9	-	5.3	-	8.4	-	3.7	-	3.1
3731	Ship building and repairing	-	7.3	-	4.0	-	8.0	-	2.6	-	3.8
374	Railroad equipment	-	5.8	-	3.1	-	4.0	-	1.2	-	1.5
375,9	Other transportation equipment	-	10.2	-	9.6	-	7.7	-	5.7	-	.4
38	<b>INSTRUMENTS AND RELATED PRODUCTS</b>	3.8	3.4	3.3	2.9	3.1	2.8	1.9	1.7	.3	.3
381	Engineering & scientific instruments	-	3.0	-	2.3	-	2.1	-	1.2	-	.3
382	Mechanical measuring & control devices	-	3.6	-	3.1	-	3.0	-	1.6	-	.2
3821	Mechanical measuring devices	-	3.1	-	2.8	-	2.4	-	1.5	-	.2
3822	Automatic temperature controls	-	4.5	-	3.6	-	3.9	-	1.9	-	.1
383,5	Optical and ophthalmic goods	-	3.7	-	3.5	-	3.5	-	2.5	-	.2
384	Medical instruments and supplies	-	4.2	-	3.6	-	3.1	-	2.0	-	.3
386	Photographic equipment and supplies	-	1.9	-	1.7	-	2.0	-	.9	-	.2
387	Watches, clocks, and watchcases	-	5.9	-	4.5	-	4.8	-	2.5	-	.5
39	<b>MISCELLANEOUS MANUFACTURING INDUSTRIES</b>	6.9	5.3	5.6	4.4	5.8	5.1	3.6	3.2	1.1	.9
391	Jewelry, silverware, and plated ware	-	4.6	-	3.9	-	4.2	-	2.9	-	.6
394	Toys and sporting goods	-	7.8	-	6.2	-	6.9	-	4.3	-	1.2
3941-3	Games, toys, dolls, & play vehicles	-	9.6	-	7.2	-	7.5	-	4.5	-	1.4
3949	Sporting and athletic goods, n e c	-	5.9	-	5.2	-	6.4	-	4.2	-	1.1
395	Pens, pencils, office and art supplies	-	3.5	-	3.2	-	2.8	-	2.0	-	.1
396	Costume jewelry and notions	-	4.6	-	3.5	-	4.3	-	2.6	-	.9
393,9	Other manufacturing industries	-	4.5	-	4.0	-	4.8	-	2.9	-	.8
<i>Nondurable Goods</i>											
20	<b>FOOD AND KINDRED PRODUCTS</b>	6.9	5.6	5.1	3.8	6.0	5.8	3.5	2.9	1.7	2.1
201	Meat products	-	7.2	-	4.2	-	7.9	-	4.0	-	3.1
2011	Meat packing plants	-	5.6	-	1.7	-	7.5	-	1.9	-	4.9
2015	Poultry dressing plants	-	11.5	-	9.8	-	9.9	-	9.0	-	.1
204	Grain mill products	-	2.8	-	1.9	-	3.1	-	1.5	-	.9
2041	Flour and other grain mill products	-	3.5	-	2.2	-	3.3	-	1.5	-	1.2
2042	Prepared feeds for animals and fowls	-	2.7	-	2.2	-	3.2	-	2.0	-	.6
205	Bakery products	-	3.8	-	3.0	-	4.1	-	2.4	-	.9
2051	Bread, cake, and related products	-	3.9	-	3.2	-	3.9	-	2.4	-	.6
2052	Cookies and crackers	-	3.7	-	2.2	-	5.3	-	2.0	-	2.4
207	Confectionery and related products	-	4.6	-	2.7	-	6.6	-	2.4	-	3.5
2071	Confectionery products	-	5.3	-	3.0	-	7.3	-	2.7	-	4.0
208	Beverages	-	5.2	-	3.8	-	4.7	-	2.7	-	1.4
2082	Malt liquors	-	4.1	-	1.6	-	3.3	-	.4	-	2.3
21	<b>TOBACCO MANUFACTURES</b>	3.9	3.8	2.2	2.5	3.4	6.2	1.8	1.7	.6	3.3
211	Cigarettes	-	3.1	-	1.6	-	1.8	-	.6	-	.1
212	Cigars	-	5.5	-	4.8	-	5.8	-	4.3	-	.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	
		May 1973 <sup>p</sup>	Apr. 1973	May 1973 <sup>p</sup>	Apr. 1973	May 1973 <sup>p</sup>	Apr. 1973	May 1973 <sup>p</sup>	Apr. 1973	May 1973 <sup>p</sup>	Apr. 1973
<i>Nondurable Goods--Continued</i>											
22	<b>TEXTILE MILL PRODUCTS</b> .....	7.7	6.5	6.7	5.4	7.3	6.4	5.5	4.8	0.4	0.3
221	Weaving mills, cotton.....	-	7.1	-	5.5	-	6.9	-	5.3	-	.1
222	Weaving mills, synthetics.....	-	7.3	-	6.1	-	7.3	-	5.5	-	.1
223	Weaving and finishing mills, wool.....	-	6.1	-	5.5	-	5.9	-	4.3	-	.5
224	Narrow fabric mills.....	-	5.9	-	5.0	-	5.2	-	4.0	-	.2
225	Knitting mills.....	-	5.6	-	4.6	-	5.6	-	4.1	-	.7
2251	Women's hosiery, except socks.....	-	3.1	-	2.7	-	5.1	-	3.3	-	1.0
2252	Hosiery, n e c.....	-	4.9	-	4.5	-	5.6	-	4.6	-	.3
2254	Knit underwear mills.....	-	4.4	-	3.2	-	4.5	-	3.9	-	.1
226	Textile finishing, except wool.....	-	5.1	-	4.4	-	5.0	-	3.5	-	.2
227	Floor covering mills.....	-	6.6	-	5.8	-	6.3	-	4.9	-	.2
228	Yarn and thread mills.....	-	8.6	-	7.4	-	8.6	-	6.9	-	.3
229	Miscellaneous textile goods.....	-	5.1	-	4.4	-	4.8	-	3.2	-	.3
23	<b>APPAREL AND OTHER TEXTILE PRODUCTS</b> .....	6.8	5.8	5.2	4.5	6.5	6.2	4.2	3.7	1.3	1.6
231	Men's and boys' suits and coats.....	-	3.8	-	2.2	-	3.8	-	1.9	-	1.4
232	Men's and boys' furnishings.....	-	6.5	-	5.3	-	6.1	-	5.0	-	.4
2321	Men's and boys' shirts and nightwear.....	-	5.9	-	4.3	-	5.2	-	4.4	-	.3
2327	Men's and boys' separate trousers.....	-	6.0	-	5.2	-	6.1	-	5.3	-	.1
2328	Men's and boys' work clothing.....	-	7.6	-	6.7	-	7.5	-	6.2	-	.6
234	Women's and children's undergarments.....	-	5.0	-	4.0	-	5.5	-	3.8	-	.8
2341	Women's and children's underwear.....	-	5.6	-	4.6	-	5.9	-	4.3	-	.8
2342	Corsets and allied garments.....	-	3.5	-	2.6	-	4.3	-	2.4	-	.8
26	<b>PAPER AND ALLIED PRODUCTS</b> .....	4.0	3.3	3.5	2.7	2.9	3.0	1.8	1.8	.4	.3
261,2,6	Paper and pulp mills.....	-	2.4	-	1.4	-	1.8	-	.8	-	.2
263	Paperboard mills.....	-	2.1	-	1.8	-	1.9	-	1.2	-	.1
264	Misc. converted paper products.....	-	3.8	-	3.3	-	3.4	-	2.2	-	.4
2643	Bags, except textile bags.....	-	4.7	-	4.3	-	5.3	-	3.5	-	.6
265	Paperboard containers and boxes.....	-	4.2	-	3.6	-	4.1	-	2.6	-	.4
2651,2	Folding and setup paperboard boxes.....	-	4.7	-	3.7	-	4.4	-	2.8	-	.7
2653	Corrugated and solid fiber boxes.....	-	3.4	-	3.1	-	3.6	-	2.4	-	.3
27	<b>PRINTING AND PUBLISHING</b> .....	3.3	2.8	2.8	2.4	3.0	2.9	1.9	1.8	.5	.5
28	<b>CHEMICALS AND ALLIED PRODUCTS</b> .....	2.9	2.4	2.4	2.0	2.4	2.2	1.3	1.2	.4	.4
281	Industrial chemicals.....	-	1.6	-	1.2	-	1.4	-	.6	-	.2
282	Plastics materials and synthetics.....	-	2.1	-	1.8	-	1.5	-	.9	-	.1
2821	Plastics materials and resins.....	-	2.1	-	1.8	-	1.6	-	.9	-	.1
2823,4	Synthetic fibers.....	-	2.3	-	1.9	-	1.5	-	.9	-	.1
283	Drugs.....	-	2.0	-	1.7	-	1.3	-	.8	-	.2
2834	Pharmaceutical preparations.....	-	2.1	-	1.8	-	1.4	-	.8	-	.2
284	Soap, cleaners, and toilet goods.....	-	2.8	-	2.1	-	3.3	-	1.3	-	1.2
2841	Soap and other detergents.....	-	2.1	-	1.1	-	2.7	-	.6	-	1.3
2844	Toilet preparations.....	-	3.4	-	2.7	-	3.9	-	1.7	-	1.4
285	Paints and allied products.....	-	3.0	-	2.7	-	2.3	-	1.5	-	.1
286,9	Other chemical products.....	-	2.9	-	2.3	-	3.1	-	1.5	-	.7
29	<b>PETROLEUM AND COAL PRODUCTS</b> .....	3.1	2.1	2.8	1.6	1.7	1.6	.8	.7	.3	.2
291	Petroleum refining.....	-	1.2	-	.9	-	1.2	-	.3	-	.2
295,9	Other petroleum and coal products.....	-	5.3	-	4.0	-	3.1	-	2.0	-	.2
30	<b>RUBBER AND PLASTICS PRODUCTS, N E C</b> .....	6.7	5.4	5.9	4.7	5.6	5.1	3.8	3.4	.7	.6
301	Tires and inner tubes.....	-	1.9	-	1.3	-	1.5	-	.7	-	.1
302,3,6	Other rubber products.....	-	4.8	-	4.3	-	4.3	-	2.9	-	.3
307	Miscellaneous plastics products.....	-	7.1	-	6.3	-	6.9	-	4.7	-	.9

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	
		May 1973 <sup>p</sup>	Apr. 1973	May 1973 <sup>p</sup>	Apr. 1973	May 1973 <sup>p</sup>	Apr. 1973	May 1973 <sup>p</sup>	Apr. 1973	May 1973 <sup>p</sup>	Apr. 1973
	<i>Nondurable Goods--Continued</i>										
31	LEATHER AND LEATHER PRODUCTS .....	8.6	7.3	7.1	5.7	7.5	7.1	5.4	4.5	0.7	1.4
311	Leather tanning and finishing .....	-	5.6	-	4.2	-	5.3	-	3.1	-	1.4
314	Footwear, except rubber .....	-	7.6	-	5.9	-	6.9	-	4.6	-	1.1
	<b>NONMANUFACTURING</b>										
10	<b>METAL MINING</b> .....	5.2	3.8	4.0	2.8	3.1	3.3	1.9	2.0	.1	.3
101	Iron ores .....	-	4.0	-	1.4	-	1.6	-	.4	-	.3
102	Copper ores .....	-	4.0	-	3.3	-	3.8	-	2.3	-	.1
11,12	<b>COAL MINING</b> .....	1.1	1.6	.7	1.1	1.5	1.7	.4	.7	.6	.1
12	Bituminous coal and lignite mining .....	-	1.5	-	1.0	-	1.6	-	.7	-	.2
	<b>COMMUNICATION:</b>										
481	Telephone communication .....	-	1.4	-	-	-	1.0	-	.6	-	(1)
482	Telegraph communication <sup>2</sup> .....	-	2.3	-	-	-	2.3	-	1.3	-	.3

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

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

p=preliminary.

**ESTABLISHMENT DATA**  
**SEASONALLY ADJUSTED LABOR TURNOVER**
**D-3: Labor turnover rates in manufacturing, 1961 to date**  
**seasonally adjusted**

(Per 100 employees)

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

p=preliminary.

**ESTABLISHMENT DATA  
STATE AND AREA LABOR TURNOVER**

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

State and area	(Per 100 employees)									
	Accession rates				Separation rates					
	Total		New hires		Total		Quits		Layoffs	
Apr. 1973 <sup>P</sup>	Mar. 1973	Apr. 1973 <sup>P</sup>	Mar. 1973	Apr. 1973 <sup>P</sup>	Mar. 1973	Apr. 1973 <sup>P</sup>	Mar. 1973	Apr. 1973 <sup>P</sup>	Mar. 1973	
<b>ALABAMA:</b>										
Birmingham	3.7	3.7	2.7	3.2	3.2	4.2	1.8	1.8	0.6	1.5
Mobile <sup>1</sup>	7.0	11.5	3.1	2.1	7.1	8.5	2.1	1.9	4.2	5.9
<b>ALASKA</b>	21.0	23.4	18.5	15.6	10.7	7.5	9.2	4.8	.6	1.3
<b>ARIZONA</b>	6.8	6.3	5.4	5.5	5.3	6.4	3.4	3.6	.8	1.6
Phoenix	6.5	6.4	5.3	5.4	5.2	6.0	3.4	3.6	.6	1.1
<b>ARKANSAS</b>	7.9	8.3	6.9	7.1	7.1	7.4	5.4	5.8	.6	.6
Fort Smith	9.5	10.6	8.5	10.0	8.7	8.8	7.2	7.5	.5	.4
Little Rock-North Little Rock	8.7	9.8	8.0	8.9	7.7	8.5	5.5	6.4	.3	.3
Pine Bluff	6.3	6.4	5.7	5.6	5.5	5.0	4.7	3.9	( <sup>2</sup> )	.1
<b>COLORADO</b>	5.4	5.1	4.7	4.3	4.7	6.2	2.8	3.2	1.1	2.1
Denver	5.7	5.1	5.0	4.6	5.1	5.2	3.1	3.4	1.1	.7
<b>CONNECTICUT</b>	3.2	3.0	2.6	2.4	2.9	2.8	1.6	1.6	.6	.5
Hartford	2.8	2.6	2.2	2.0	2.2	2.2	1.3	1.3	.2	.3
<b>DELAWARE<sup>1</sup></b>	2.8	2.7	1.7	1.5	2.1	3.0	1.0	1.0	.5	.8
Wilmington <sup>1</sup>	2.8	2.7	1.9	1.6	2.0	2.6	1.0	.9	.3	.4
<b>DISTRICT OF COLUMBIA:</b>										
Washington SMSA	2.9	3.4	2.7	3.2	3.2	3.0	2.7	2.1	.2	.2
<b>FLORIDA</b>	8.1	7.7	7.3	7.1	8.2	8.6	5.6	6.4	1.3	.9
Fort Lauderdale-Hollywood	10.0	8.9	9.6	8.7	9.2	10.2	7.1	8.4	.3	.5
Jacksonville	7.4	6.3	6.2	5.2	7.2	10.7	3.9	4.7	.9	3.7
Miami	7.3	6.7	6.8	6.3	6.8	6.8	5.0	4.9	.7	.9
Orlando	9.1	14.7	8.3	10.3	10.9	10.5	7.4	8.7	1.7	.4
Pensacola	2.9	2.1	2.8	2.0	2.8	2.0	2.0	1.6	.5	( <sup>2</sup> )
Tampa-St. Petersburg	10.0	8.7	9.0	8.1	8.7	10.2	6.8	8.0	.7	.9
West Palm Beach	3.9	4.1	3.8	3.9	7.4	4.4	3.2	3.1	.7	.1
<b>GEORGIA<sup>3</sup></b>	6.1	6.2	5.2	5.3	6.2	6.5	4.7	4.9	.4	.4
Atlanta	3.9	4.5	3.2	3.9	4.4	4.9	2.8	3.3	.7	.6
<b>HAWAII<sup>4</sup></b>	2.8	2.2	2.3	2.0	2.5	3.2	1.3	1.2	.5	.6
<b>IDAHO<sup>5</sup></b>	9.0	5.9	6.6	5.3	6.3	8.6	4.5	4.1	1.0	3.5
<b>ILLINOIS:</b>										
Chicago	4.1	4.3	3.6	3.8	3.6	3.9	2.2	2.4	.3	.4
<b>INDIANA<sup>1</sup></b>	4.6	4.0	3.7	3.0	3.4	3.4	1.9	1.9	.4	.5
Indianapolis <sup>6</sup>	2.7	3.1	2.3	2.4	2.5	2.9	1.5	1.4	.1	.2
<b>IOWA</b>	4.0	4.3	3.1	3.2	3.4	3.7	2.0	2.2	.6	.8
Cedar Rapids	3.7	4.2	2.1	2.0	2.8	3.6	1.4	1.2	.9	1.9
Des Moines	4.0	4.0	3.4	3.2	3.5	4.1	2.6	3.0	( <sup>2</sup> )	.1
<b>KANSAS</b>	4.5	5.0	4.0	4.2	4.2	4.2	2.9	2.9	.5	.5
Topeka	2.6	4.3	2.4	3.8	2.6	2.9	1.5	1.8	.8	( <sup>2</sup> )
Wichita	4.6	4.8	3.9	3.9	4.3	4.1	3.1	2.7	.4	.6
<b>KENTUCKY</b>	4.4	4.0	3.5	3.3	3.9	4.2	2.3	2.3	.8	1.1
Louisville	3.9	3.4	3.0	2.9	3.0	3.3	1.6	1.4	.3	.8
<b>LOUISIANA:</b>										
New Orleans	3.9	4.1	3.2	3.4	4.0	4.4	1.7	2.0	1.1	1.2
<b>MAINE</b>	6.7	5.9	5.2	4.5	6.8	6.3	3.9	3.7	1.9	1.6
Portland	4.3	4.5	4.0	4.1	5.1	4.1	3.3	3.1	.8	.3
<b>MARYLAND</b>	3.9	4.0	3.1	3.0	3.4	3.4	2.0	2.0	.5	.6
Baltimore	3.8	3.9	3.0	2.8	3.1	3.2	1.8	1.8	.4	.5
<b>MASSACHUSETTS</b>	4.0	4.1	3.2	3.3	3.7	3.9	2.2	2.3	.7	.7
Boston	3.4	3.4	2.6	2.7	3.2	3.5	1.7	1.8	.7	.8
<b>MICHIGAN</b>	3.6	3.3	2.6	2.3	2.9	3.0	1.4	1.3	.5	.6
Detroit	4.1	4.1	3.1	3.0	3.3	3.5	1.6	1.6	.4	.6

See footnotes at end of table.

**ESTABLISHMENT DATA  
STATE AND AREA LABOR TURNOVER**
**D-4: Labor turnover rates in manufacturing for selected States and areas--Continued**

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

See footnotes at end of table.

**ESTABLISHMENT DATA  
STATE AND AREA LABOR TURNOVER**

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

State and area	(Per 100 employees)									
	Accession rates				Separation rates					
	Total		New hires		Total		Quits		Layoffs	
Apr. 1973 P	Mar. 1973	Apr. 1973 P	Mar. 1973	Apr. 1973 P	Mar. 1973	Apr. 1973 P	Mar. 1973	Apr. 1973 P	Mar. 1973	
<b>PENNSYLVANIA—Continued</b>										
Philadelphia SMSA .....	3.5	3.5	2.6	2.6	3.3	3.3	1.6	1.7	0.9	0.7
Pittsburgh .....	3.0	2.4	1.4	1.3	2.3	2.0	.6	.6	.9	.7
Reading .....	3.4	4.1	2.4	3.2	4.1	4.8	2.4	2.6	1.0	1.5
Scranton .....	4.4	3.5	2.3	2.5	3.0	5.7	1.6	1.7	.9	3.2
Wilkes-Barre—Hazleton .....	3.3	3.8	2.3	2.7	3.6	4.0	2.4	2.6	.5	.8
York .....	4.8	4.2	3.1	3.4	4.4	6.5	2.5	2.9	.9	2.6
<b>RHODE ISLAND</b> .....	5.9	6.1	5.2	5.2	5.8	6.6	4.1	4.1	.6	1.5
Providence—Warwick—Pawtucket .....	6.0	6.2	5.2	5.3	5.7	6.5	4.2	4.2	.6	1.3
<b>SOUTH CAROLINA:</b>										
Greenville .....	8.2	7.6	7.3	6.9	7.8	7.6	6.7	6.5	( <sup>2</sup> )	.1
<b>SOUTH DAKOTA</b> .....	6.4	6.2	4.4	4.2	5.4	5.4	3.2	3.0	1.6	1.9
Sioux Falls .....	8.8	8.3	3.3	3.5	7.4	8.0	2.7	2.0	4.3	5.3
<b>TENNESSEE:</b>										
Memphis .....	5.4	4.8	4.9	4.3	4.4	4.4	3.2	2.8	.2	.3
<b>TEXAS:</b>										
Dallas .....	5.3	5.2	4.9	4.8	4.8	5.0	3.6	3.7	.3	.3
Fort Worth .....	5.6	6.0	5.0	5.5	5.4	5.7	4.0	4.0	.5	.7
Houston .....	4.1	4.6	3.8	4.3	3.5	4.0	2.5	2.7	.1	.3
San Antonio .....	4.9	4.8	4.7	4.5	5.3	5.1	3.4	3.9	.7	.1
<b>UTAH</b> <sup>5</sup> .....	5.0	4.8	4.3	3.9	4.8	4.4	2.7	2.7	1.1	.8
Salt Lake City <sup>5</sup> .....	4.9	4.5	4.5	4.0	4.7	4.1	2.8	2.6	.8	.7
<b>VERMONT</b> .....	4.1	4.6	3.4	3.8	3.6	3.5	2.5	2.4	.3	.4
Burlington .....	1.9	2.4	1.4	1.8	1.5	1.6	1.0	1.1	.2	.1
Springfield .....	3.8	4.3	2.5	3.7	2.4	3.2	1.6	1.9	.1	.7
<b>VIRGINIA</b> .....	4.4	4.5	3.6	3.6	4.8	4.7	3.1	3.0	.8	.8
Richmond .....	3.5	3.8	2.6	3.3	4.2	4.2	2.1	2.2	.8	.5
<b>WASHINGTON:</b>										
Seattle—Everett <sup>12</sup> .....	(*)	4.6	(*)	2.7	(*)	3.4	(*)	1.5	(*)	1.2
<b>WEST VIRGINIA:</b>										
Charleston .....	1.7	1.3	1.0	.6	.9	.9	.4	.4	( <sup>2</sup> )	( <sup>2</sup> )
<b>WISCONSIN</b> .....	3.9	3.7	3.0	2.9	3.4	3.3	1.7	1.8	.7	.5
Milwaukee .....	3.9	3.7	3.2	3.1	3.4	3.6	1.8	2.0	.4	.4
<b>WYOMING</b> .....	(*)	4.6	(*)	4.0	(*)	7.9	(*)	3.5	(*)	3.7

<sup>1</sup> Excludes canning and preserving.  
<sup>2</sup> Less than 0.05.  
<sup>3</sup> Excludes agricultural chemicals and miscellaneous manufacturing.  
<sup>4</sup> Excludes canned fruits, vegetables, preserves, jams and jellies.  
<sup>5</sup> Excludes canning and preserving, and sugar.  
<sup>6</sup> Excludes canning and preserving, and newspapers.  
<sup>7</sup> Subarea of Philadelphia, Pennsylvania Standard Metropolitan Statistical Area: Burlington, Camden, and Gloucester Counties, New Jersey.  
<sup>8</sup> Subarea of Rochester Standard Metropolitan Statistical Area.  
<sup>9</sup> Area included in New York and Nassau—Suffolk combined SMSA's.  
<sup>10</sup> Subarea of New York Standard Metropolitan Statistical Area.  
<sup>11</sup> Excludes new-hire rate for transportation equipment.  
<sup>12</sup> Excludes canning and preserving, printing and publishing.  
 \* Not available.  
 p=preliminary.

SOURCE: Cooperating State agencies listed on inside back cover.



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

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

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

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

p=preliminary.

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

Year	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
Number of job vacancies (In thousands)												
1969 .....	-	-	-	275	267	246	249	257	257	249	246	225
1970 .....	204	185	167	148	139	125	121	113	105	95	88	92
1971 .....	88	86	84	87	87	91	87	87	87	92	92	94
1972 .....	98	105	111	116	117	126	129	131	138	146	156	161
1973 .....	170	175	178	178	186 <sup>P</sup>							
Job vacancy rates <sup>1</sup>												
1969 .....	-	-	-	1.3	1.3	1.2	1.2	1.3	1.3	1.2	1.2	1.1
1970 .....	1.0	.9	.8	.7	.7	.6	.6	.6	.5	.5	.5	.5
1971 .....	.5	.5	.4	.5	.5	.5	.5	.5	.5	.5	.5	.5
1972 .....	.5	.6	.6	.6	.6	.7	.7	.7	.7	.8	.8	.8
1973 .....	.9	.9	.9	.9	.9 <sup>P</sup>							
Number of long-term job vacancies <sup>2</sup> (In thousands)												
1969 .....	-	-	-	132	127	117	112	112	117	109	104	93
1970 .....	83	73	67	58	54	47	45	40	35	32	30	30
1971 .....	30	28	27	27	26	27	26	26	26	28	25	27
1972 .....	27	29	30	32	32	34	35	36	39	40	43	44
1973 .....	47	49	51	54	58 <sup>P</sup>							
Long-term job vacancy rates <sup>2</sup>												
1969 .....	-	-	-	0.6	0.6	0.6	0.5	0.5	0.6	0.5	0.5	0.5
1970 .....	0.4	0.4	0.3	.3	.3	.2	.2	.2	.2	.2	.2	.2
1971 .....	.2	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1
1972 .....	.1	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2
1973 .....	.2	.2	.3	.3	.3 <sup>P</sup>							

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

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

p=preliminary.

**ESTABLISHMENT DATA  
JOB VACANCY**

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

Industry division and group	1973					1972							
	May <sup>p</sup>	Apr.	Mar.	Feb.	Jan.	Dec.	Nov.	Oct.	Sept.	Aug.	July	June	May
Job vacancy rates <sup>1</sup>													
Manufacturing . . . . .	1.0	1.0	0.9	0.8	0.8	0.7	0.7	0.7	0.8	0.8	0.7	0.6	0.7
Durable goods . . . . .	1.0	1.0	.9	.9	.8	.7	.7	.7	.8	.8	.7	.6	.6
Nondurable goods . . . . .	1.0	1.0	.9	.8	.8	.7	.7	.7	.8	.9	.7	.7	.7
Selected durable goods industries:													
Primary metal industries . . . . .	.6	.6	.5	.5	.4	.3	.3	.4	.4	.4	.3	.3	.3
Machinery, except electrical . . . . .	1.3	1.2	1.2	1.1	1.1	.8	.8	.9	.9	.8	.8	.7	.7
Electrical equipment and supplies . . . . .	1.2	1.2	1.1	1.1	1.1	1.0	.9	.9	1.0	.9	1.0	.8	.8
Transportation equipment . . . . .	1.0	.8	.8	.8	.8	.5	.6	.7	.7	.7	.6	.6	.6
Instruments and related products . . . . .	1.4	1.5	1.4	1.2	1.2	1.1	1.0	1.0	1.3	1.6	1.3	1.4	1.1
Selected nondurable goods industries:													
Textile mill products . . . . .	1.8	1.8	1.6	1.4	1.3	1.2	1.2	1.4	1.5	1.6	1.2	1.1	1.2
Apparel and other textile products . . . . .	1.9	1.7	1.7	1.6	1.6	1.4	1.4	1.4	1.5	1.6	1.5	1.4	1.4
Printing and publishing . . . . .	.5	.5	.5	.4	.4	.4	.4	.4	.5	.5	.4	.3	.4
Chemicals and allied products . . . . .	.8	.8	.7	.7	.6	.5	.5	.5	.6	.6	.5	.5	.5
Long-term job vacancy rates <sup>2</sup>													
Manufacturing . . . . .	0.3	0.3	0.3	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
Durable goods . . . . .	.3	.3	.2	.2	.2	.2	.2	.2	.2	.2	.2	.1	.2
Nondurable goods . . . . .	.3	.3	.3	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2
Selected durable goods industries:													
Primary metal industries . . . . .	.2	.2	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1
Machinery, except electrical . . . . .	.4	.4	.3	.3	.3	.2	.2	.2	.2	.2	.2	.2	.2
Electrical equipment and supplies . . . . .	.3	.3	.3	.3	.3	.3	.2	.2	.2	.2	.2	.2	.2
Transportation equipment . . . . .	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2	.1
Instruments and related products . . . . .	.3	.5	.4	.3	.3	.3	.3	.3	.4	.4	.4	.3	.3
Selected nondurable goods industries:													
Textile mill products . . . . .	.5	.4	.4	.3	.3	.3	.3	.4	.4	.3	.3	.3	.3
Apparel and other textile products . . . . .	.8	.8	.7	.7	.6	.6	.6	.6	.6	.6	.5	.6	.6
Printing and publishing . . . . .	.2	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1
Chemicals and allied products . . . . .	.2	.3	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2
Long-term job vacancies as a percent of job vacancies <sup>3</sup>													
Manufacturing . . . . .	30	30	29	29	28	32	32	29	27	25	25	26	26
Durable goods . . . . .	27	29	27	28	27	30	30	27	26	24	24	23	24
Nondurable goods . . . . .	34	31	31	30	30	35	35	32	29	26	27	30	29
Selected durable goods industries:													
Primary metal industries . . . . .	27	29	30	30	31	33	35	27	27	17	23	23	24
Machinery, except electrical . . . . .	32	33	29	30	27	29	31	28	27	28	25	25	28
Electrical equipment and supplies . . . . .	24	26	25	27	23	26	24	25	23	22	21	19	20
Transportation equipment . . . . .	22	22	22	22	25	34	30	25	27	26	28	27	23
Instruments and related products . . . . .	24	30	27	24	24	26	31	27	31	27	32	24	30
Selected nondurable goods industries:													
Textile mill products . . . . .	27	22	25	22	22	28	27	26	23	22	20	23	25
Apparel and other textile products . . . . .	43	43	42	41	40	47	46	44	39	41	37	41	41
Printing and publishing . . . . .	31	22	24	21	23	22	24	23	18	18	20	21	20
Chemicals and allied products . . . . .	32	34	34	33	33	37	33	33	37	32	35	36	35

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

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

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

\* Less than 0.05

<sup>p</sup>-preliminary.

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

Industry division and group	1973					1972							
	May <sup>p</sup>	Apr.	Mar.	Feb.	Jan.	Dec.	Nov.	Oct.	Sept.	Aug.	July	June	May
Manufacturing . . . . .	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Durable goods . . . . .	58.6	59.1	59.7	59.9	60.3	58.8	57.8	57.3	56.7	54.3	55.8	55.5	54.3
Primary metal industries . . . . .	4.1	4.2	3.6	3.7	3.3	3.2	3.0	3.1	3.1	3.3	2.6	2.8	2.7
Machinery, except electrical . . . . .	13.0	13.2	13.6	13.8	13.8	12.5	11.8	11.7	10.7	9.8	11.0	10.5	9.5
Electrical equipment and supplies . . . . .	11.6	12.0	12.4	13.4	13.6	15.0	13.6	12.7	11.9	11.0	13.1	11.9	11.2
Transportation equipment . . . . .	8.9	8.1	8.9	8.8	9.0	7.5	8.3	8.6	8.2	7.5	7.4	8.5	8.3
Instruments and related products . . . . .	3.5	3.8	3.8	3.6	3.8	4.0	3.7	3.4	4.0	4.6	4.2	5.1	3.9
Other durable goods industries . . . . .	17.5	17.8	17.4	16.7	16.9	16.7	17.6	17.8	18.7	18.1	17.3	16.7	18.6
Nondurable goods . . . . .	41.4	40.9	40.3	40.1	39.7	41.2	42.2	42.7	43.3	45.7	44.2	44.5	45.7
Textile mill products . . . . .	9.4	9.9	9.2	9.0	8.7	9.3	9.7	9.8	9.9	9.9	9.1	8.8	9.3
Apparel and other textile products . . . . .	12.8	12.6	13.1	13.6	14.1	14.2	14.2	13.7	12.9	13.6	14.4	15.0	15.4
Printing and publishing . . . . .	2.7	2.6	2.8	3.0	3.1	3.1	3.1	3.1	3.5	3.1	3.6	3.1	3.5
Chemicals and allied products . . . . .	3.8	4.2	4.2	4.1	3.7	4.1	4.1	3.4	3.7	3.9	3.9	4.4	3.9
Other nondurable goods industries . . . . .	12.7	11.6	10.9	10.4	10.2	10.5	11.2	12.6	13.3	15.3	13.3	13.3	13.8

<sup>p</sup>-preliminary.

# ESTABLISHMENT DATA NATIONAL AND AREA JOB VACANCY

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

Areas	Job vacancy rates				Areas	Job vacancy rates			
	Total <sup>1</sup>		Long-term <sup>2</sup>			Total <sup>1</sup>		Long-term <sup>2</sup>	
	Apr. 1973 <sup>p</sup>	Mar. 1973	Apr. 1973 <sup>p</sup>	Mar. 1973		Apr. 1973 <sup>p</sup>	Mar. 1973	Apr. 1973 <sup>p</sup>	Mar. 1973
<b>Manufacturing</b>					<b>Nonmanufacturing<sup>4</sup></b>				
United States <sup>3</sup> .....	1.0	0.9	0.3	0.3	Mining:				
Albany-Schenectady-					New Orleans, La .....	.1	(*)	.1	(*)
Troy, N.Y. ....	.4	.4	.2	.2	Phoenix, Ariz .....	(.5)	(.5)	(.5)	(.5)
Atlanta, Ga. ....	.7	.5	.2	.1	Portland, Ore .....	(.5)	(.5)	(.5)	(.5)
Baltimore, Md .....	.9	1.0	.3	.3	Construction:				
Boston, Mass .....	.9	.8	.3	.3	Oklahoma City, Okla. ....	.9	.7	.3	.2
Buffalo, N.Y. ....	.3	.3	.1	.1	Portland, Ore .....	.5	.5	(*)	(*)
Cedar Rapids, Iowa .....	1.0	1.0	.9	.7	Transportation and Public Utilities:				
Dallas, Tex .....	1.3	1.2	.3	.3	Baltimore, Md .....	1.3	1.3	.7	.8
Denver, Colo .....	.8	.6	.1	.2	Boston, Mass .....	.1	.1	.1	.1
Des Moines, Iowa .....	.9	.6	.2	.1	Kansas City, Mo. <sup>6</sup> .....	.1	.2	(*)	(*)
Detroit, Mich .....	.6	.6	.2	.3	Minneapolis-St. Paul, Minn. <sup>6</sup> .....	2.0	1.9	.7	.6
Fort Worth, Tex .....	.8	.7	.2	.2	Oklahoma City, Okla. <sup>6</sup> .....	.4	.3	.2	.1
Greensboro-Winston-Salem-					St. Louis, Mo. <sup>6</sup> .....	.1	.2	.1	.2
Highpoint, N.C. ....	1.7	1.5	.5	.4	Salt Lake City, Utah .....	.1	.8	(*)	(*)
Greenville, S.C. ....	2.0	1.8	.3	.4	Wholesale and Retail Trade:				
Houston, Tex .....	1.7	1.4	.7	.5	Boston, Mass .....	.2	.3	.1	.1
Jersey City, N.J. ....	.2	.3	.1	.1	Hartford, Conn .....	.9	.6	.1	.2
Kansas City, Mo. ....	.4	.4	.1	.1	Minneapolis-St. Paul, Minn .....	1.0	1.1	.3	.2
Little Rock-North Little Rock,					Phoenix, Ariz .....	1.0	.9	.2	.1
Ark .....	1.5	.9	.1	(*)	Portland, Ore .....	.7	.7	.1	.1
Memphis, Tenn .....	.5	.5	.1	.1	Finance, Insurance and Real Estate:				
Miami, Fla .....	2.0	1.9	.9	.9	Baltimore, Md .....	1.4	1.5	.5	.6
Milwaukee, Wis .....	1.4	.9	.5	.2	Boston, Mass .....	2.1	1.8	.3	.3
Minneapolis-St. Paul, Minn .....	1.1	1.1	.2	.2	Hartford, Conn .....	2.4	3.7	1.2	1.6
Newark, N.J. ....	1.0	.9	.3	.3	Kansas City, Mo .....	1.3	1.1	.2	.2
New Orleans, La .....	.6	.6	.2	.3	Minneapolis-St. Paul, Minn .....	1.3	1.3	.4	.2
New York and Nassau-Suffolk .....	.7	.7	.2	.2	Phoenix, Ariz .....	1.4	1.3	.1	.1
New York SMSA <sup>8</sup> .....	.5	.5	.2	.1	Portland, Ore .....	1.0	.8	.2	.2
Oklahoma City, Okla .....	.8	.5	.1	.1	St. Louis, Mo .....	.9	.9	.3	.2
Paterson-Clifton-					Salt Lake City, Utah .....	.7	.7	.1	.1
Passaic, N.J. ....	.5	.5	.2	.1	Service:				
Perth Amboy, N.J. ....	1.3	1.1	.3	.3	Boston, Mass .....	1.0	1.0	.4	.4
Philadelphia, Pa .....	.8	.8	.2	.3	Kansas City, Mo .....	1.6	1.2	.3	.4
Phoenix, Ariz .....	1.5	1.3	.3	.4	Phoenix, Ariz .....	1.8	1.6	.2	.3
Portland-South					Portland, Ore .....	.9	.8	.3	.2
Portland, Maine .....	1.0	.8	.3	.2	St. Louis, Mo .....	1.3	2.4	.4	.4
Portland, Ore .....	.7	.7	.1	.1	Government:				
Providence-Pawtucket-					Atlanta, Ga .....	1.9	1.7	.9	.9
Warwick, R.I. ....	1.7	1.6	.6	.6	Boston, Mass .....	.7	1.1	.5	.6
Richmond, Va .....	.5	.7	.2	.2	Kansas City, Mo .....	1.0	.7	.2	.2
St. Louis, Mo .....	.5	.3	.1	.1	Minneapolis-St. Paul, Minn .....	1.0	.9	.4	.4
Salt Lake City, Utah .....	.7	.8	.1	.1	Phoenix, Ariz .....	1.2	1.5	.3	.3
San Antonio, Tex .....	1.4	1.1	.5	.5	Portland, Ore. <sup>7</sup> .....	1.3	1.2	.4	.5
Seattle, Wash. <sup>9</sup> .....	.6	.7	.1	.1	St. Louis, Mo .....	.5	.6	.3	.2
Sioux Falls, S.D. ....	1.0	1.5	(*)	(*)	<b>All Nonagricultural Industries</b>				
Syracuse, N.Y. ....	1.0	.6	.2	.2	Boston, Mass .....	.7	.8	.3	.3
Tampa-St. Petersburg,					Kansas City, Mo. <sup>6</sup> .....	.8	.7	.1	.2
Fla .....	2.5	2.9	.5	.5	Phoenix, Ariz .....	1.3	1.2	.2	.2
Wichita, Kans. ....	1.5	1.5	.3	.3	Portland, Ore .....	.8	.7	.2	.1
					Salt Lake City, Utah .....	.8	1.1	.2	.2

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

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

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

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

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

<sup>6</sup> Excludes railroads.

<sup>7</sup> Excludes education.

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

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

\* Less than 0.05.

p=preliminary.

SOURCE: Cooperating State agencies listed on inside back cover.

F-1: Insured unemployment under State programs

(Week including the 12th of the month)

State	Number (in thousands)					Rate (percent of average covered employment)		
	June 1973	May 1973	June 1972	Change from <sup>1</sup>		June 1973	May 1973	June 1972
				May 1973	June 1972			
TOTAL <sup>2,3</sup>	1,399.5	1,496.6	1,618.7	-97.2	-219.3	2.4	2.6	3.1
SEASONALLY ADJUSTED	1,632.3	1,616.2	1,886.5	16.1	-254.1	2.8	2.7	3.6
Alabama	14.5	15.2	18.8	-.6	-4.3	1.8	1.9	2.6
Alaska	3.8	5.3	4.6	-1.6	-.9	5.9	8.3	8.0
Arizona	8.2	9.4	8.0	-1.2	.2	1.6	1.9	2.0
Arkansas	9.2	11.1	10.0	-1.9	-.7	2.0	2.4	2.5
California*	198.8	214.4	222.3	-15.6	-23.5	3.5	3.7	4.3
Colorado	5.6	7.0	6.0	-1.4	-.3	1.0	1.3	1.1
Connecticut	30.8	32.0	46.9	-1.2	-16.1	2.7	2.8	4.5
Delaware	3.1	3.2	3.0	-.1	.1	1.6	1.6	1.7
District of Columbia	6.5	6.7	7.6	-.2	-1.1	1.8	1.9	2.2
Florida	23.8	21.8	27.4	2.1	-3.5	1.2	1.1	1.7
Georgia	12.6	13.2	17.1	-.5	-4.4	.9	1.0	1.5
Hawaii	9.4	8.7	10.0	.7	-.6	3.4	3.2	3.7
Idaho	4.6	4.7	5.2	-.1	-.6	2.6	2.6	3.3
Illinois	58.9	67.9	75.7	-9.0	-16.8	1.7	1.9	2.4
Indiana	18.2	19.0	23.4	-.8	-5.2	1.2	1.2	1.7
Iowa	8.1	9.6	9.6	-1.4	-1.5	1.2	1.4	1.7
Kansas	6.8	7.1	8.2	-.3	-1.5	1.3	1.4	1.9
Kentucky	13.3	16.0	14.5	-2.7	-1.2	1.9	2.3	2.3
Louisiana	28.5	29.4	22.7	-1.0	5.8	3.3	3.4	3.1
Maine	8.3	10.0	8.2	-1.7	.1	3.2	3.9	3.7
Maryland	20.7	22.8	26.5	-2.1	-5.8	2.0	2.2	2.8
Massachusetts	74.2	76.3	78.8	-2.2	-4.6	4.0	4.1	4.7
Michigan	64.3	70.4	86.8	-6.1	-22.5	2.6	2.8	3.7
Minnesota	19.3	24.6	23.5	-5.3	-4.3	1.8	2.3	2.4
Mississippi	6.9	7.9	6.3	-.9	.7	1.5	1.6	1.6
Missouri	28.1	35.9	32.4	-7.8	-4.2	2.1	2.7	2.8
Montana	3.7	4.5	3.8	-.8	-.1	2.5	3.0	3.0
Nebraska	4.7	5.0	4.2	-.4	.5	1.3	1.3	1.4
Nevada	6.3	6.5	7.1	-.2	-.9	3.5	3.7	4.3
New Hampshire	2.7	3.0	3.7	-.3	-1.0	1.2	1.3	1.9
New Jersey	93.2	99.5	96.9	-6.3	-3.7	4.3	4.6	4.7
New Mexico	7.1	7.4	6.5	-.3	.6	3.2	3.3	3.4
New York	189.9	195.1	229.6	-5.2	-39.7	3.2	3.3	4.0
North Carolina	16.1	16.9	20.8	-.8	-4.7	1.0	1.1	1.5
North Dakota	2.2	2.7	1.8	-.5	.4	2.0	2.4	2.1
Ohio	36.5	43.6	49.5	-7.1	-13.0	1.1	1.4	1.7
Oklahoma	13.5	13.9	14.2	-.4	-.7	2.2	2.3	2.8
Oregon	19.0	20.7	20.2	-1.7	-1.2	3.1	3.4	3.7
Pennsylvania	107.3	107.1	120.3	.2	-13.0	3.0	3.0	3.6
Puerto Rico <sup>2</sup>	45.1	42.3	45.0	2.8	.2	10.0	9.4	10.7
Rhode Island	11.4	11.9	12.8	-.5	-1.4	3.8	3.9	4.6
South Carolina	9.2	8.6	11.7	.6	-2.5	1.3	1.2	1.9
South Dakota	1.4	1.3	1.4	-	-	1.1	1.1	1.4
Tennessee	17.7	18.7	20.2	-1.0	-2.5	1.6	1.7	2.1
Texas	30.1	30.4	34.4	-.3	-4.3	1.0	1.0	1.3
Utah	5.8	6.7	7.1	-.9	-1.3	2.1	2.4	3.0
Vermont	3.6	4.2	5.0	-.6	-1.4	3.0	3.5	5.0
Virginia	8.6	9.3	9.4	-.7	-.8	.7	.8	.9
Washington	45.1	49.3	51.1	-4.3	-6.0	5.2	5.7	6.4
West Virginia	9.7	10.5	10.8	-.7	-1.1	2.4	2.5	2.9
Wisconsin	22.3	26.7	26.9	-4.4	-4.6	1.7	2.1	2.4
Wyoming	.7	1.2	.8	-.5	-	.9	1.5	1.0

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

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

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

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

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

State and area	June 1973	June 1972	State and area	June 1973	June 1972	State and area	June 1973	June 1972	State and area	June 1973	June 1972
<b>ALABAMA</b>			<b>INDIANA</b>			<b>NEW HAMPSHIRE</b>			<b>Pennsylvania--continued</b>		
Birmingham.....	4.2	6.0	Evansville.....	1.0	1.4	Manchester.....	.6	.8	York.....	2.1	2.4
Mobile.....	1.7	3.0	Ft. Wayne.....	.6	1.0						
			Gary-Hammond..	2.2	3.5	<b>NEW JERSEY</b>			<b>PUERTO RICO</b>		
<b>ARIZONA</b>			Indianapolis....	3.2	4.2	Atlantic City....	2.6	2.4	Mayaguez.....	1.6	2.4
Phoenix.....	5.5	5.4	South Bend.....	.9	1.2	Jersey City.....	13.1	13.8	Ponce.....	3.2	3.0
			Terre Haute.....	1.1	1.4	New Brunswick..	8.8	10.0	San Juan.....	8.7	10.2
<b>ARKANSAS</b>			<b>IOWA</b>			Paterson.....	19.6	20.4			
Little Rock.....	1.0	1.1	Cedar Rapids....	.5	1.0	Trenton.....	2.9	2.5	<b>RHODE ISLAND</b>		
			Des Moines.....	.9	1.3				Providence.....	12.4	14.7
<b>CALIFORNIA</b>			<b>KANSAS</b>			<b>NEW MEXICO</b>					
Anaheim-S. Ana-			Wichita.....	1.7	2.3	Albuquerque....	3.0	2.4	<b>SOUTH CAROLINA</b>		
Garden Grove..	11.3	13.2						Charleston.....	1.3	1.6	
Fresno.....	4.4	4.4	<b>KENTUCKY</b>			<b>NEW YORK</b>			Greenville.....	.6	1.0
Los Angeles....	75.8	88.5	Louisville.....	3.3	4.4	Albany.....	5.2	6.1			
Sacramento.....	9.3	9.9				Binghamton....	1.7	2.0	<b>TENNESSEE</b>		
San Bernardino..	10.3	11.2	<b>LOUISIANA</b>			Buffalo.....	11.7	19.2	Chattanooga....	1.6	1.3
San Diego.....	14.2	16.8	Baton Rouge....	2.7	1.6	New York.....	143.2	167.7	Knoxville.....	1.6	2.3
San Francisco..	35.8	42.0	New Orleans....	8.1	7.2	Rochester.....	5.7	8.4	Memphis.....	3.3	3.7
San Jose.....	10.4	12.7	Shreveport.....	1.7	1.8	Syracuse.....	4.5	5.4	Nashville.....	1.9	2.5
Stockton.....	3.4	4.8				Utica.....	3.1	5.0			
<b>COLORADO</b>			<b>MAINE</b>			<b>NORTH CAROLINA</b>			<b>TEXAS</b>		
Denver.....	3.1	3.6	Portland.....	.8	.9	Asheville.....	.3	.5	Austin.....	.7	.6
			<b>MARYLAND</b>			Charlotte.....	.9	1.4	Beaumont.....	2.9	2.7
<b>CONNECTICUT</b>			Baltimore.....	13.1	19.2	Durham.....	.3	.4	Corpus Christi..	1.0	1.3
Bridgeport.....	5.4	7.5				Greensboro....			Dallas.....	4.0	5.5
Hartford.....	5.8	9.2	<b>MASSACHUSETTS</b>			Winston-Salem..	2.1	2.4	El Paso.....	1.8	1.9
New Britain.....	1.7	2.7	Boston.....	38.1	38.5				Ft. Worth.....	2.6	3.7
New Haven.....	4.7	6.4	Brockton.....	2.8	2.5	<b>OHIO</b>			Houston.....	4.4	5.1
Stamford.....	1.5	2.4	Fall River.....	2.5	3.3	Akron.....	2.8	3.5	San Antonio.....	2.5	2.6
Waterbury.....	2.5	4.3	Lawrence.....	3.9	4.3	Canton.....	1.5	2.1			
<b>DELAWARE</b>			Lowell.....	2.8	3.0	Cincinnati.....	4.9	5.7	<b>UTAH</b>		
Wilmington.....	3.0	3.4	New Bedford....	2.5	3.0	Cleveland.....	7.0	12.7	Salt Lake City..	3.4	4.4
			Springfield....	7.1	8.5	Columbus.....	3.0	3.0			
<b>DIST. OF COL.</b>			Worcester.....	3.3	4.5	Dayton.....	3.6	3.7	<b>VIRGINIA</b>		
Washington.....	12.6	13.3	<b>MICHIGAN</b>			Hamilton.....	1.2	1.7	Hampton.....	.7	.6
			Battle Creek....	1.5	2.0	Lorain.....	.9	1.4	Norfolk.....	1.0	1.2
<b>FLORIDA</b>			Detroit.....	31.7	45.3	Staubenville...	.6	.7	Richmond.....	.7	1.3
Jacksonville....	1.1	1.3	Flint.....	2.7	5.2	Toledo.....	3.4	3.5	Roanoke.....	.2	.3
Miami.....	7.5	8.5	Grand Rapids...	3.7	4.9	Youngstown....	1.9	3.8			
Tampa.....	2.8	3.6	Kalamazoo.....	1.5	2.2	<b>OKLAHOMA</b>			<b>WASHINGTON</b>		
			Lansing.....	2.0	2.9	Oklahoma City..	3.2	3.1	Seattle.....	19.8	25.2
<b>GEORGIA</b>			Springfield....	7.1	8.5	Tulsa.....	2.2	2.5	Spokane.....	3.4	4.1
Atlanta.....	4.3	5.6	Worcester.....	3.3	4.5			Tacoma.....	5.5	5.9	
Augusta.....	1.2	2.0	<b>MINNESOTA</b>			<b>OREGON</b>					
Columbus.....	.9	1.1	Duluth.....	1.8	2.1	Portland.....	9.4	11.5	<b>WEST VIRGINIA</b>		
Macon.....	.8	.8	Minneapolis....	9.2	12.3			Charleston.....	1.3	1.3	
Savannah.....	.6	1.0				<b>PENNSYLVANIA</b>			Huntington.....	1.5	2.4
<b>HAWAII</b>			<b>MISSISSIPPI</b>			Allenstown.....	3.8	7.0	Wheeling.....	.9	1.2
Honolulu.....	8.0	8.8	Jackson.....	.6	.6	Altoona.....	1.6	1.6			
						Erie.....	1.9	2.3	<b>WISCONSIN</b>		
<b>ILLINOIS</b>			<b>MISSOURI</b>			Harrisburg.....	2.8	.6	Kenosha.....	.6	.8
Chicago.....	36.8	51.2	Kansas City....	6.8	8.0	Johnstown.....	2.7	3.9	Madison.....	2.1	2.4
Davenport.....	1.2	2.1	St. Louis.....	17.2	21.1	Lancaster.....	1.3	1.4	Milwaukee.....	8.0	10.5
Peoria.....	2.0	3.2				Philadelphia....	50.7	54.5	Racine.....	.8	1.2
Rockford.....	.9	1.5	<b>NEBRASKA</b>			Pittsburgh.....	22.3	26.3			
			Omaha.....	2.8	2.2	Reading.....	3.1	3.7			
						Scranton.....	3.4	4.5			
						Wilkes-Barre...	4.7	2.6			

<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, see Area Trends in Employment and Unemployment published by the Manpower Administration.

# **Explanatory Notes**

**Introduction**

**Household Data (A tables)**

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

**Unemployment Insurance Data (F tables)**

**Seasonal Adjustment**

# Introduction

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

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

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

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

## RELATION BETWEEN THE HOUSEHOLD AND ESTABLISHMENT SERIES

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

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

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

### Employment

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

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

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

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

### Hours of work

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

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

## COMPARABILITY OF THE HOUSEHOLD DATA WITH OTHER SERIES

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

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

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

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

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

## COMPARABILITY OF THE PAYROLL EMPLOYMENT DATA WITH OTHER SERIES

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

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

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

## Household data

(A tables)

### COLLECTION AND COVERAGE

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

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

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

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



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

## CONCEPTS

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

## HISTORIC COMPARABILITY

### Raised lower age limit

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

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

### Noncomparability of labor force levels

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

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

### Changes in occupational classification system

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

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

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

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

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

### ESTIMATING METHODS

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

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

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

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

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

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

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

### Rounding of estimates

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

### Reliability of the estimates

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

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

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

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

[In thousands]

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

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

[In thousands]

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

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

[In thousands]

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

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

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

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

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

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

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

**Table D. Standard error of percentage**

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

## Establishment data

(B, C, D, and E tables)

### COLLECTION

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

#### Federal-State cooperation

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

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

#### Shuttle schedules

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

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

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

### CONCEPTS

#### Industrial classification

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

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

#### Industry employment

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

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

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

## Industry hours and earnings

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

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

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

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

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

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

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

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

## Gross average hourly and weekly earnings

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

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

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

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

## Average weekly hours

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

## Average overtime hours

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

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

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

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

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

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

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

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

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

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

The series reflects the spendable earnings of only those

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

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

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

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

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

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

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

#### **Labor turnover**

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

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

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

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

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

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

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

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

## Relationship of labor turnover to employment series

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

## Job vacancies

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

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

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

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

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

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

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

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

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

## ESTIMATING METHODS

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

### The "link relative" technique

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

### Size and regional stratification

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

### Benchmark adjustments

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



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

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

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

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

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

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

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

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

## THE SAMPLE

### Design

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

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

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

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

### Coverage

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

### Reliability of the employment estimates

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

**Table G. Approximate size and coverage of BLS employment and payrolls sample, March 1971<sup>1</sup>**

Industry division	Number of establishments in samples	Employees	
		Number reported	Percent of total
Total .....	155,000	28,995,000	42
Mining .....	2,200	307,000	50
Contract construction .....	15,600	701,000	23
Manufacturing .....	46,100	11,197,000	61
Transportation and public utilities:			
Railroad transportation (ICC) .....	95	562,000	93
Other transportation and public utilities .....	7,100	1,966,000	51
Wholesale and retail trade .....	38,200	2,675,000	18
Finance, insurance, and real estate .....	9,700	1,352,000	36
Services .....	22,800	2,401,000	21
Government:			
Federal (Civil Service Commission) <sup>2</sup> .....	3,300	2,649,000	100
State and local .....	9,900	5,185,000	50

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

<sup>2</sup> National estimates of Federal employment are provided to the BLS by the Civil Service Commission. State and area estimates are based on a sample of 3,300 reports covering about 56 percent of employment in Federal establishments.

**Table H. Approximate size and coverage of BLS job vacancy-labor turnover sample, March 1971**

Industry	Employees	
	Number reported	Percent of total
Total .....	10,896,500	55
Manufacturing <sup>1</sup> .....	9,965,300	54
Metal mining .....	63,600	68
Coal mining .....	57,700	38
Communication:		
Telephone .....	789,000	83
Telegraph .....	20,900	70

<sup>1</sup> Since some establishments do not report the information, job vacancy estimates currently are based on reports from sample establishments covering about 44 percent of universe employment.

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

Size of employment estimate	Root-mean-square error of	
	Monthly level	Month-to-month change
50,000 .....	500	500
100,000 .....	900	900
200,000 .....	1,600	1,500
500,000 .....	2,800	2,600
1,000,000 .....	5,000	4,800
2,000,000 .....	10,600	8,100
10,000,000 .....	34,700	30,600
Total nonagricultural employment .....	97,000	87,000
Mining .....	3,000	3,000
Contract construction .....	21,000	18,000
Manufacturing .....	23,000	23,000
Transportation and public utilities .....	7,000	6,000
Wholesale and retail trade .....	29,000	24,000
Finance, insurance, and real estate .....	3,000	3,000
Services .....	18,000	14,000
Government .....	28,000	25,000

## Reliability of job vacancy estimates

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

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

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

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

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

## STATISTICS FOR STATES AND AREAS

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

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

## Unemployment insurance data (F tables)

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

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

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

## Seasonal adjustment

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

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

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

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

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

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

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

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

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

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