

EMPLOYMENT AND EARNINGS

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CALENDAR OF FEATURES								
In addition to the monthly data appearing regularly in Employment and Earnings, special features appear in most of the issues, as shown below:								
	Jan.	Feb.	Mar.	Apr.	May	June	July	Oct.
Household data								
Annual averages	x							
Revised seasonally adjusted series and current seasonal factors		x						
Quarterly averages	x			x			x	x
Establishment data								
National annual averages:								
Industry divisions (preliminary)	x							
Industry detail (final)			x					
State and area annual averages					x			
Area definitions					x			
National data adjusted to new benchmarks						(1)		
Revised seasonally adjusted series and current seasonal factors						(1)		

¹ Data shown in this issue are adjusted to March 1969 benchmarks, first published in the June 1970 issue. It is expected that data adjusted to March 1970 benchmarks will be introduced in the September 1971 issue.

Employment and Unemployment Developments, June 1971

Employment and unemployment rose less than seasonally expected in June, as the number of young people entering the job market was smaller than in recent years. On a seasonally adjusted basis, the overall unemployment rate dropped from 6.2 percent in May to 5.6 percent in June, returning to the level of last fall. Total employment fell one-half million to 78.4 million, the same level as in March.

These declines may be somewhat overstated because of the seasonal adjustment procedures and because more young workers than usual were still in school during the survey week. (See note below.)

The jobless rate for teenagers and 20-24 year-olds declined sharply over the month. There was also a reduction in joblessness among workers 25 years and older.

Nonagricultural payroll employment declined by 310,000 in June on a seasonally adjusted basis, returning to the February level. Declines were widespread among the major industry divisions, particularly in manufacturing and trade. The average workweek for all rank-and-file workers in manufacturing inched up

over the month, while factory overtime rose to the highest level since last summer.

Unemployment

The number of unemployed persons totaled 5.5 million in June, 1.1 million more than in May. Unemployment usually increases sharply between May and June, but this year the rise was much less than seasonally expected, as a smaller-than-usual number of youth entered the labor force at the conclusion of the school year. After seasonal adjustment, the level of unemployment was down by 530,000. Most of the decline occurred among workers who were either new entrants or reentrants to the labor force, largely teenagers and young adults. Unemployment stemming from job loss was virtually unchanged in June for the second straight month.

The overall unemployment rate dropped from 6.2 percent in May to 5.6 percent in June, the lowest level since the 5.5 percent of October. Especially sharp reductions in the unemployment

NOTE: Seasonal adjustment of labor force data is essentially based upon the average experience of the previous 8 years. When the level of unemployment changes appreciably, such as it did beginning in late 1969, the seasonal factors based on earlier years may produce an over- or under-compensation for many of the usual seasonal movements. Large seasonal changes in unemployment typically occur between May and June, August and September, and December and January. It is likely, therefore, that seasonally adjusted changes may be exaggerated during such periods. As originally reported in 1970, for example, the overall rate declined from 5.0 percent in May to 4.7 percent in June, but this change was moderated to 4.9 percent in May and 4.8 percent in June when the seasonal adjustment factors were re-computed in the regular revision in early 1971. When the seasonal adjustment factors for this year are updated, the May-June 1971 change will probably also be moderated. This comment also applies to a number of specific unemployment rates, such as those by occupation. A review of seasonal adjustment procedures is currently underway at the Bureau of Labor Statistics.

Many young persons were still in school at the time of the June 1971 survey, because the regular survey week, defined to be the week including the 12th day of each month, came early this June, the week of June 6-12.

rate occurred among teenagers and young adults. For teenagers, the jobless rate fell from 17.3 to 15.8 percent, seasonally adjusted, returning to the level of last summer. The jobless rate for 20-24 year-olds declined from 11.1 percent in May to 9.9 percent in June, reflecting reduced joblessness among both young men and women.

The jobless rate for men 25 years and over fell from 3.6 percent in May to 3.3 percent in June. For women 25 years and over, the rate moved down from 4.8 percent to 4.5 percent. Both June rates were at their lowest levels since the fall of last year.

Unemployment rates were reduced for both Negro and white workers in June. The Negro unemployment rate dropped from 10.5 percent in May to 9.4 percent in June, a return to the March level. The decline took place exclusively among women 20 years and over, whose rate fell from 10.6 to 7.9 percent; this represented a return to the levels of early 1971. The rate for white workers fell from 5.7 to 5.2 percent, returning to its October 1970 level.

For workers covered by State unemployment insurance programs, the jobless rate edged up from 4.3 percent in May to 4.4 percent in June. The State insured rate had declined to 3.7 percent in February but has increased steadily since then. (State insured jobless figures exclude unemployed new workers and those with no recent work history.)

The number of persons unemployed less than 5 weeks fell by 235,000 over the month to 2.0 million, seasonally adjusted, a return to the June 1970 level. This primarily reflected the relatively small inflow of 16-24 year-old job-seekers. Unemployment of long-term duration (15 weeks or more) was essentially unchanged over the month. The average (mean) duration of joblessness increased from 11.5 weeks in May to 12.7 weeks in June.

Civilian labor force and total employment

The number of persons in the civilian labor force rose by 1.9 million in June to 85.0 million. The rise was less than usual for the month, however, as the early summer influx of youth into the job market was smaller than in the past few years. As a result, after sea-

sonal adjustment, the civilian labor force was down by over 1.0 million, with nearly all of the change occurring among 16-24 year-olds. The June reduction brought the civilian labor force to its lowest level since the summer of 1970.

The number of employed persons rose 770,000 in June to 79.5 million, but this increase was also less than seasonally expected. Consequently, after seasonal adjustment, total employment was down by 520,000, with nearly all of the drop occurring among teenagers. Employment of both men and women 20 years of age and over was unchanged in June, although employment of adult men has risen 400,000 since the recent low reached last December.

Over the year, the civilian labor force has grown by 920,000, with three-fifths of the rise occurring among young adult men, many of whom were returning veterans. In contrast, total employment was about unchanged since last June, as a moderate employment gain among men 20-24 years of age was offset by a decline in employment among teenagers and men 25 years and over. Unemployment was up by 820,000 over the year.

Industry payroll employment

The number of wage and salary workers on nonagricultural payrolls was 71.3 million in June, 490,000 more than in May. The rise was less than the usual May-June pickup, however, and, after seasonal adjustment, payroll employment was down 310,000. The drop returned employment to the February level, 660,000 below the alltime peak reached in March 1970.

Seasonally adjusted payroll employment declines were widespread among the major industry divisions. Employment in manufacturing dropped 115,000 in June, following small gains in the previous 2 months. More than half of the drop was registered in the durable goods industries, particularly in the five major metals and metal-using industries. In nondurable goods, the largest seasonally adjusted employment decrease occurred in the apparel industry. Since reaching an alltime peak in September 1969, total manufacturing employment has declined by 1.6 million, or 8.1 percent.

Contract construction fell 55,000 in June on a seasonally adjusted basis, the second straight monthly reduction. Employment in the industry was below its year-ago level and 280,000 (or 8.0 percent) below the alltime peak reached in December 1969.

In the service-producing industries, employment reductions were recorded intrade (90,000) and services (45,000). The decline in trade followed several months of increases and returned the job total to the January level. In government, a decline in Federal employment (25,000) more than offset a small gain in State and local employment.

Hours of work

The workweek for all rank-and-file workers on private nonagricultural payrolls rose by 0.4 hour between May and June, slightly more than seasonally expected. After seasonal adjustment, weekly hours were up one-tenth of an hour to 37.1 hours. Since October 1970, the average workweek has ranged narrowly between 36.9 and 37.1 hours.

In manufacturing, seasonally adjusted weekly hours inched up 0.1 hour to 40.0 hours. This was the first time since July 1970 that the factory workweek had touched the 40-hour mark, although hours still remained considerably below the levels prevailing in 1969. The small increase in the factory workweek took place largely in the major metals industries of the durable goods sector.

Factory overtime rose 0.2 hour over the month to 3.0 hours in June, seasonally adjusted. This brought the level to the highest point since August 1970.

Earnings

Average hourly earnings of rank-and-file workers on private nonagricultural payrolls were \$3.42 in June, up 1 cent from May. Compared with a year ago, hourly earnings were up by 21 cents or 6.5 percent.

As a result of the increase in the workweek and the rise in hourly earnings, average weekly earnings increased by \$1.74 over the month to

\$127.57. Advances in weekly earnings occurred in all major industry divisions with the exception of finance, insurance and real estate. Compared with June 1970, average weekly earnings were up by \$7.52 or 6.3 percent. During the latest 12-month period for which Consumer Price Index data are available—May 1970 and May 1971—the index rose by 4.4 percent.

Quarterly developments

On a quarterly average basis, total employment and unemployment (seasonally adjusted) have shown relatively little change since the fall of 1970. The overall jobless rate, at 6.0 percent in the second quarter, was essentially unchanged from the 5.9 percent rate which prevailed in both the last quarter of 1970 and the first quarter of 1971. Labor force and employment have risen only slightly during this period. The average workweek has also remained rather steady since last fall, though in the manufacturing sector it rose in both the first and second quarters.

Labor force and total employment. The civilian labor force edged up 110,000 to 83.7 million (seasonally adjusted) in the second quarter of 1971. This was the second consecutive quarter in which the civilian labor force growth was very small. Between the second quarter of 1970 and the second quarter of 1971, the civilian labor force grew by a total of 1.1 million, with roughly one-third of the gain being attributable to a reduction of the Armed Forces.

The total labor force, which includes persons in the Armed Forces in addition to those in the civilian labor force, averaged 86.5 million (seasonally adjusted) in the April-June period—the third consecutive quarter at that level. Since the second quarter of 1970, the total labor force has grown by only 700,000, or at about half the pace at which it is expected to grow on the basis of long-term population growth and labor force participation trends. The recent slackening of labor force growth has been most evident among women and teenagers, the two groups largely responsible for the very rapid labor force increases of the late 1960's.

Total civilian employment averaged 78.7 million (seasonally adjusted) in the second quarter, slightly above the first quarter level. Employment in the April-June period was 200,000 below the alltime peak of 78.9 million attained in the first quarter of 1970.

Employment among males 20 years and over, which had drifted downward for 4 consecutive quarters, posted a substantial advance of 350,000 in the second quarter of 1971. This gain, however, was largely offset by a sizeable decline in employment among adult women (250,000) and a slight drop in teenage employment (30,000). The gain in employment among adult men was about evenly divided between those in the 20-to-24 age group and those 25 years of age and over; the decline in female employment occurred entirely among those 25 years of age and over.

Unemployment. The number of jobless persons averaged 5.0 million (seasonally adjusted) in the second quarter of 1971, virtually the same as in the previous 2 quarters. Joblessness among most major labor force groups has exhibited little change over the past 2 quarters. The April-June average rates for all adult men (4.4 percent), married men (3.2 percent), and teenagers (16.8 percent) were virtually the same as in the fourth quarter of 1970. The jobless rate for adult women, however, has drifted upward slightly (from 5.5 to 5.8 percent) since the last quarter of 1970. This rise occurred largely among Negro women and caused the jobless rate for all Negro workers to advance from 9.2 to 9.9 percent between the fourth quarter of 1970 and the second quarter of 1971. The rate for white workers (5.5 percent in the second quarter) has been virtually unchanged since last fall.

The rate of Negro-to-white joblessness was 1.8 to 1 in the April-June quarter, compared with 1.7 to 1 in the 2 previous quarters.

Quarterly unemployment rates by occupation and industry have also shown few discernable trends thus far in 1971. The only significant exceptions on an occupational basis were a decline in unemployment among craftsmen and foremen and an increase among service workers. On an industry basis, there was a moderate decline in unemployment among manufacturing workers and an increase among trade workers.

Industry employment. Payroll employment in the nonagricultural sector averaged 70.7 million (seasonally adjusted) in the second quarter of 1971, about 100,000 above the year's first quarter but still well below the 71.1 million quarterly peak attained in 1970's January-March period.

In the goods-producing industries (manufacturing, construction, and mining), employment has shown practically no change over the last 2 quarters, after declining substantially over the previous 5 quarters. In the service-producing sector, employment continued to rise in the second quarter, but the gain (140,000) was modest compared with the increases of the previous 2 quarters—300,000 and 465,000, respectively.

The average workweek for production and non-supervisory workers in the total private economy remained unchanged at 37.0 hours in the second quarter. In manufacturing, however, the workweek moved up for the second consecutive quarter. At 39.9 hours, it returned to the level of a year ago.

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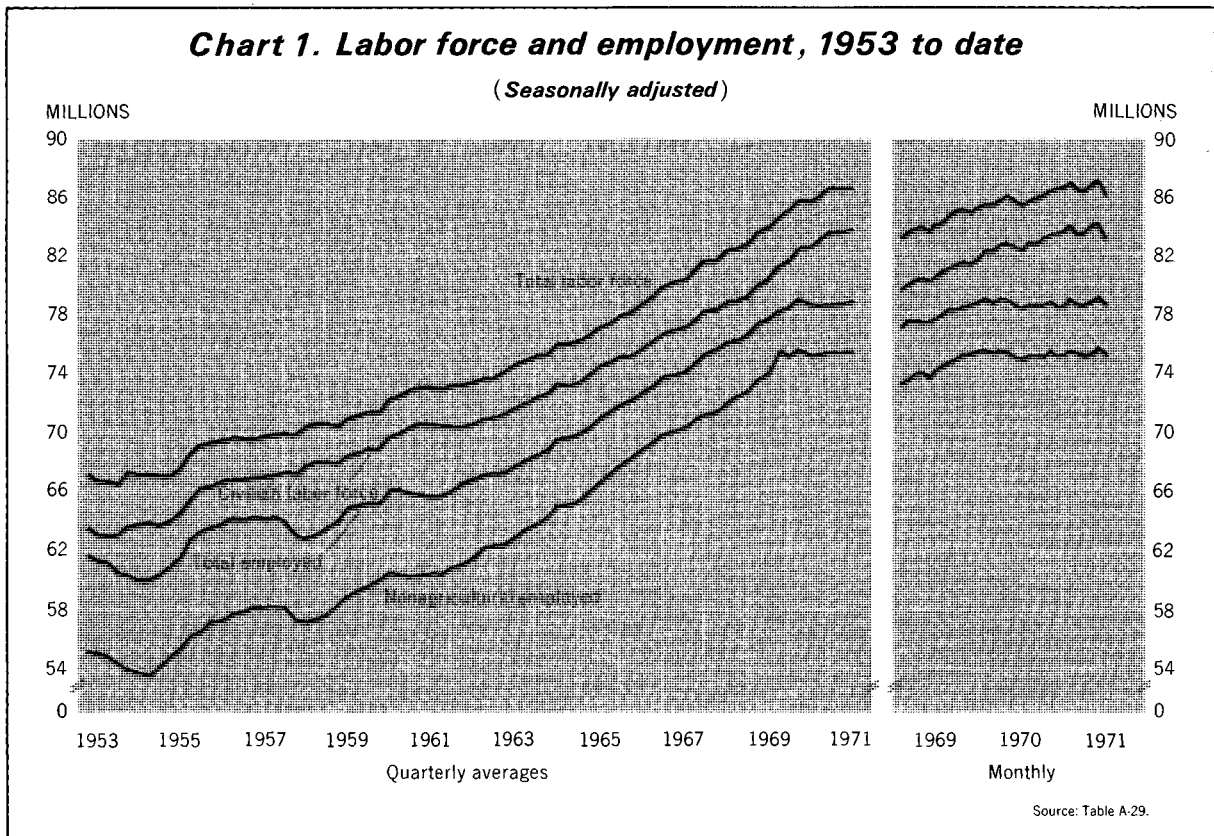
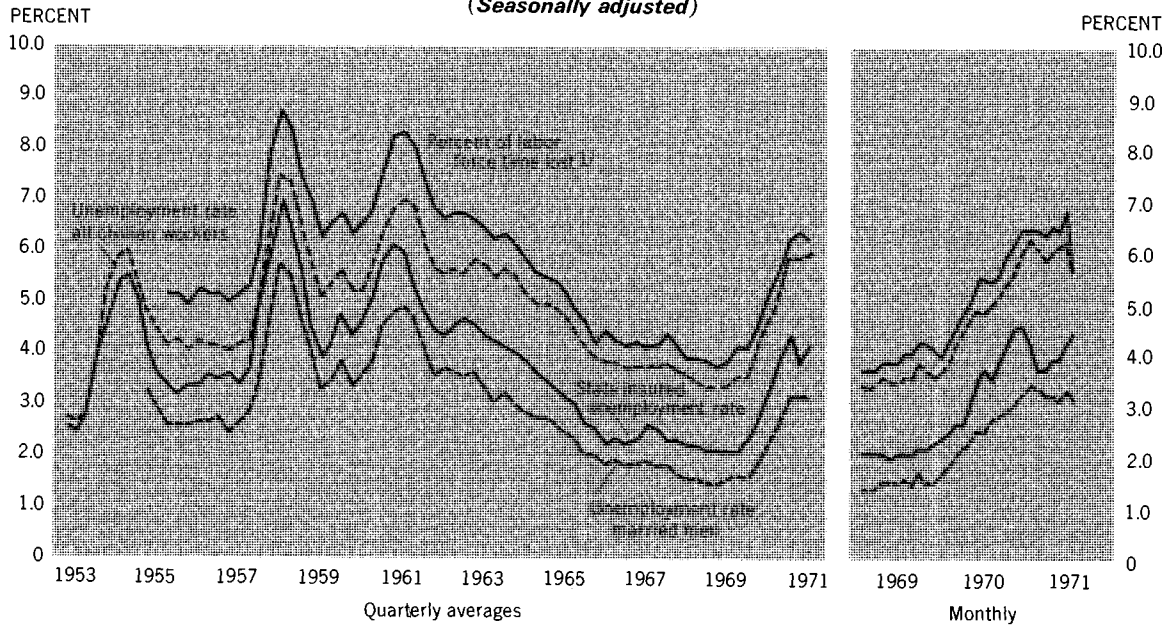


Chart 2. Major unemployment indicators 1953 to date

(Seasonally adjusted)

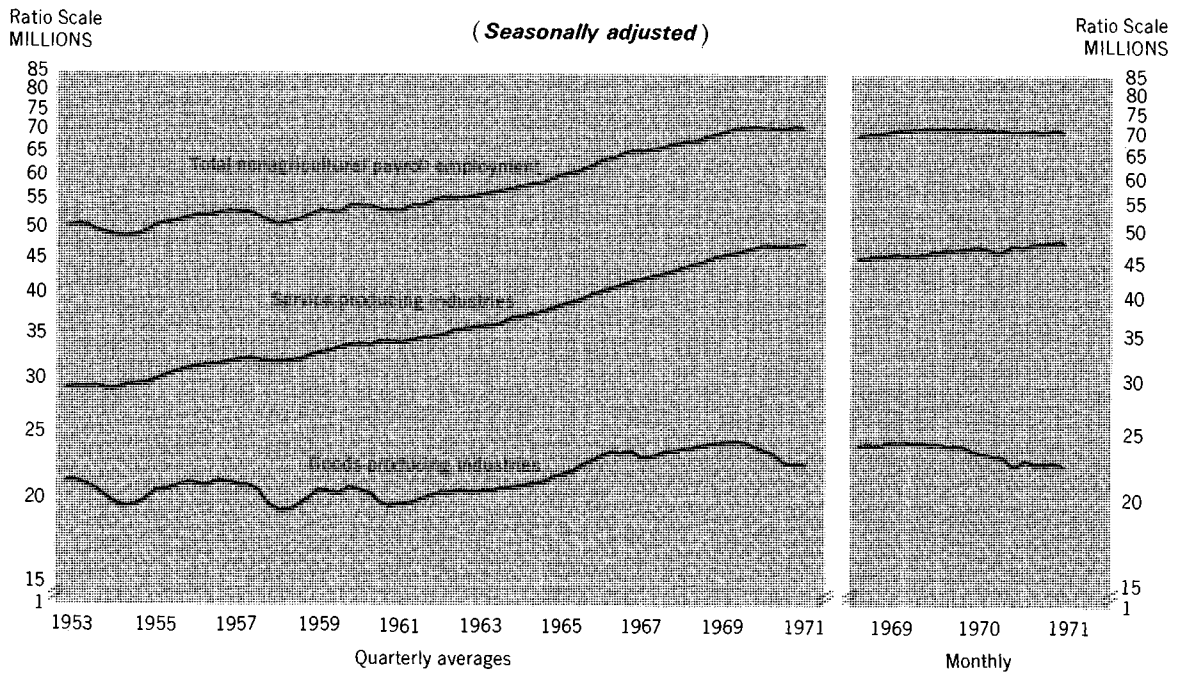


1/ Series revised beginning 1963 to reflect whether unemployed persons sought full- or part-time jobs.

Source: Table A-33.

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

(Seasonally adjusted)

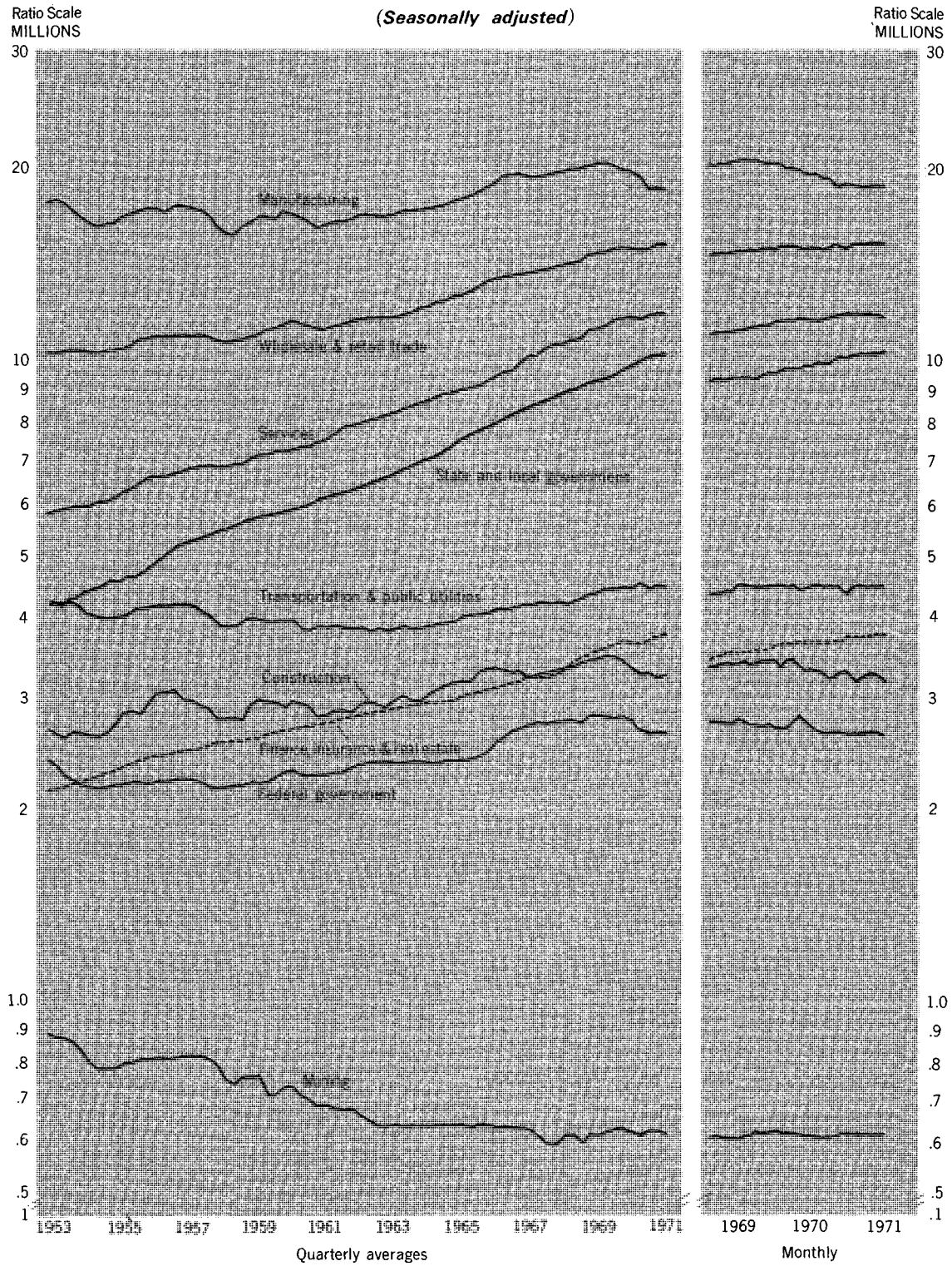


Note: Data for 2 most recent months are preliminary.

Source: Table B-5.

Chart 4. Nonagricultural payroll employment by industry 1953 to date

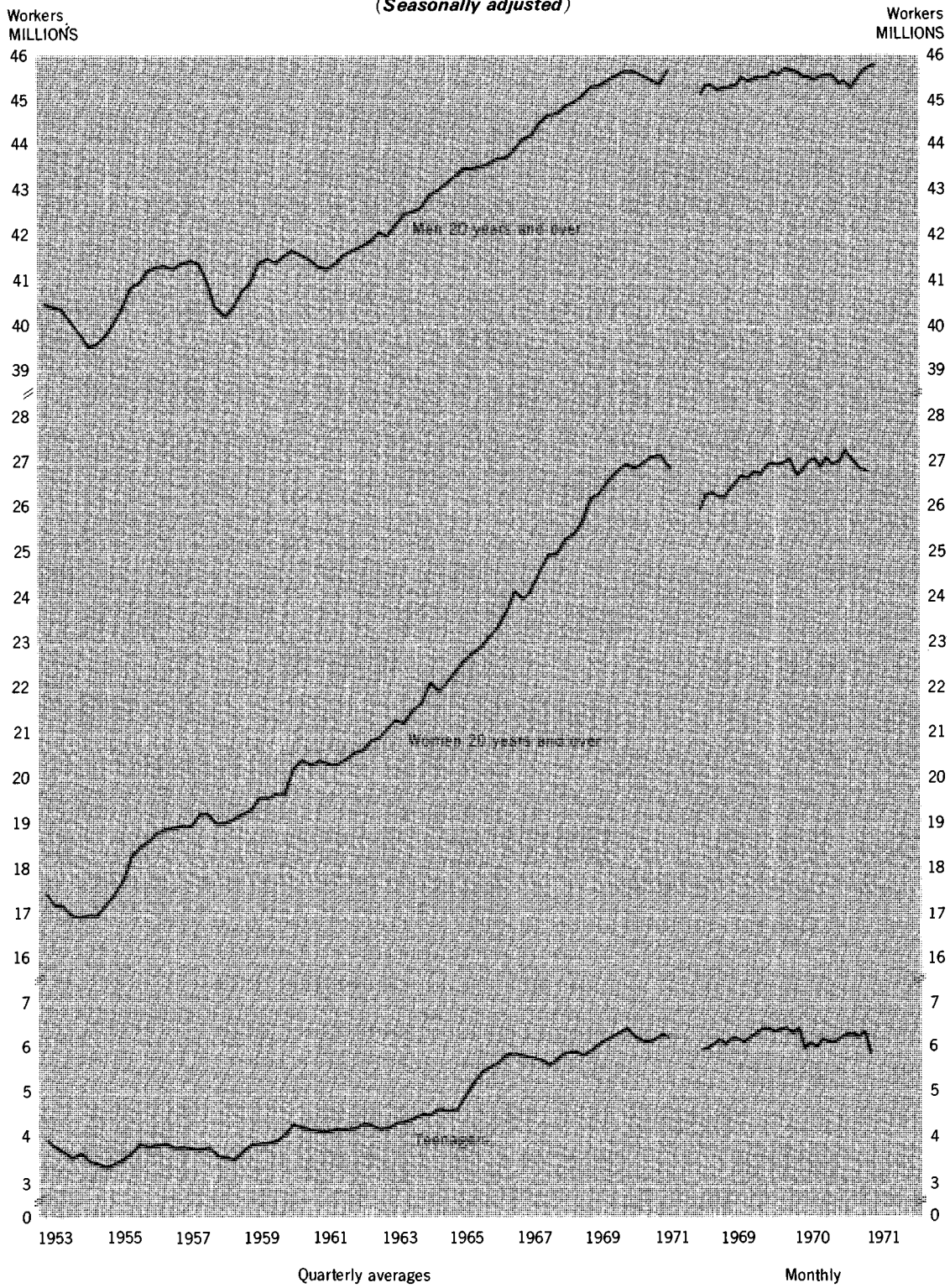
(Seasonally adjusted)



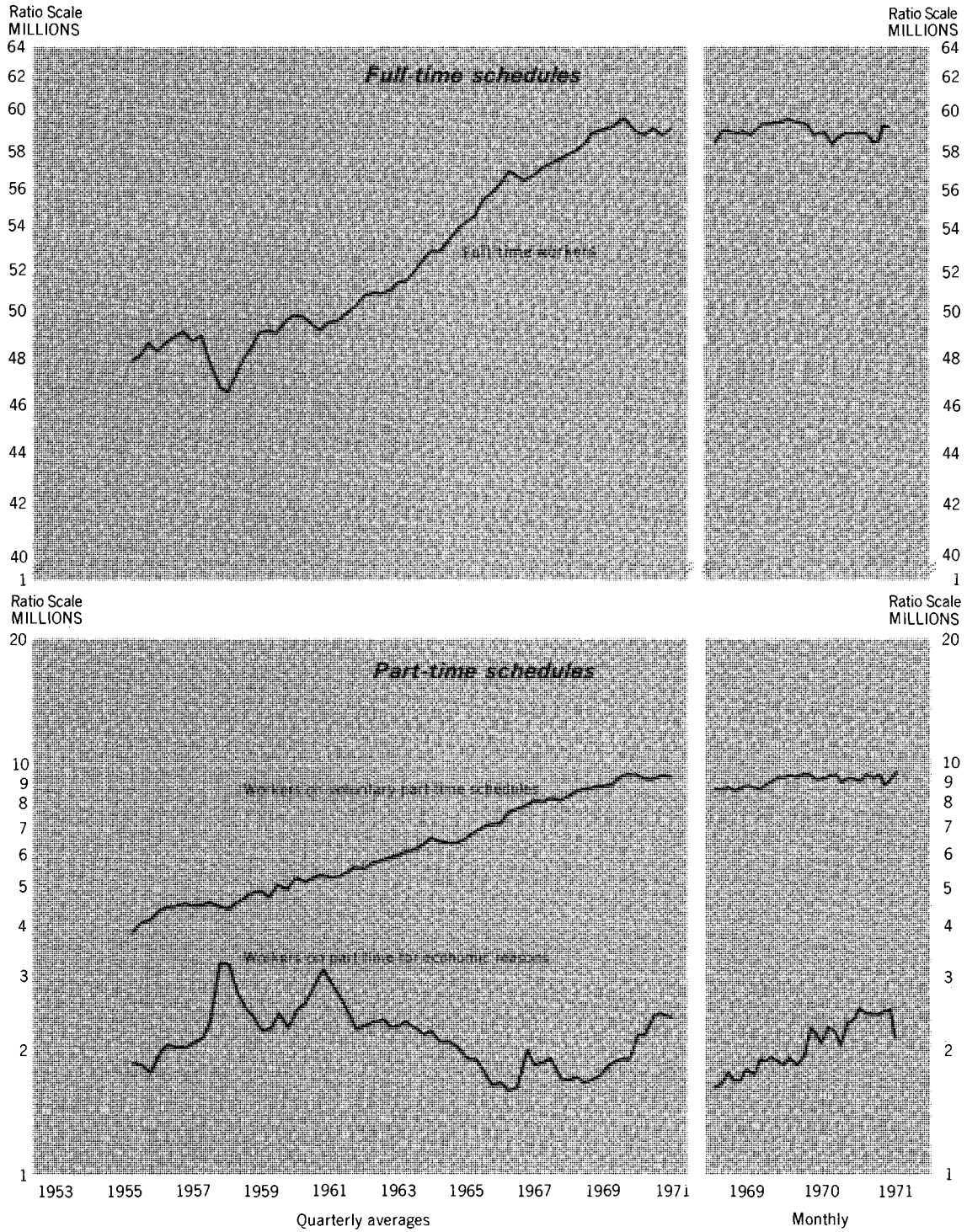
Note: Data for 2 most recent months are preliminary.

Source: Table B-5.

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



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



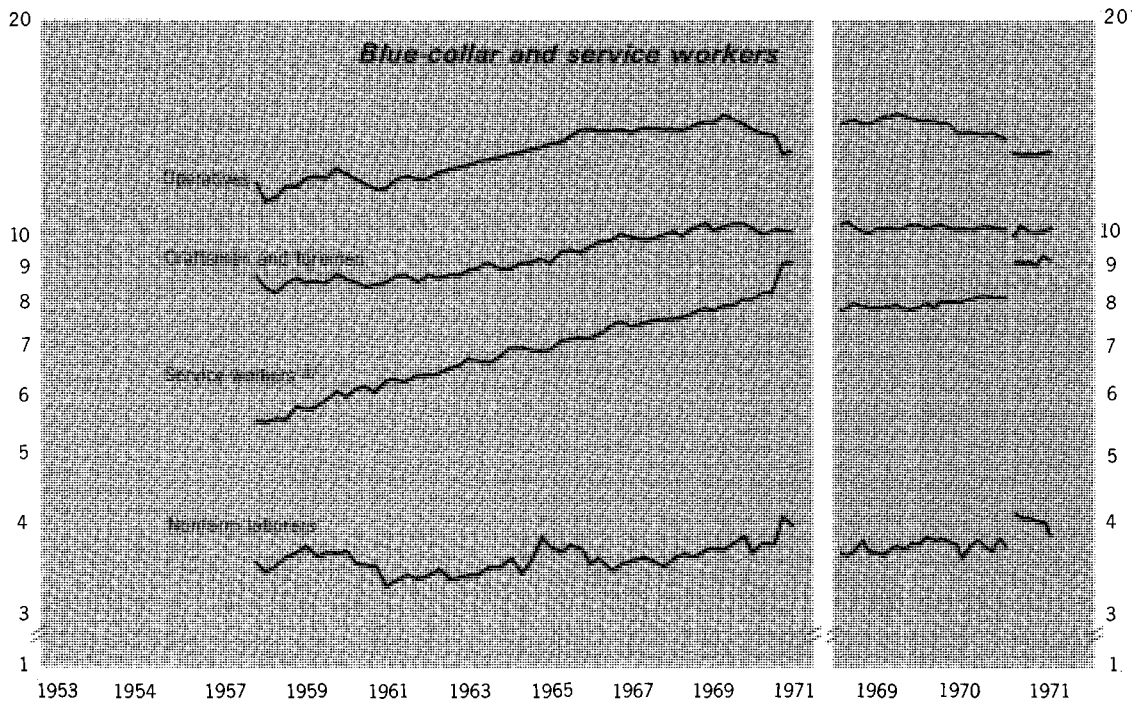
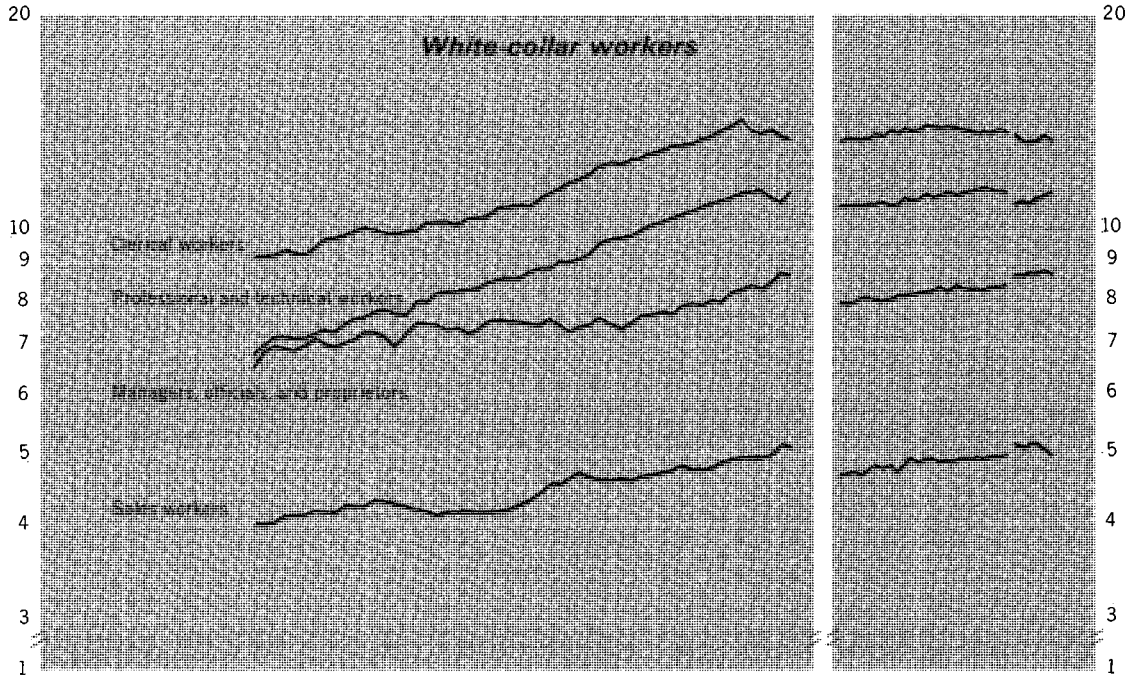
Source: Table A-29 and unpublished data.

Chart 7. Employment in nonfarm occupations 1958 to date

(Seasonally adjusted)

Ratio Scale
MILLIONS

Ratio Scale
MILLIONS

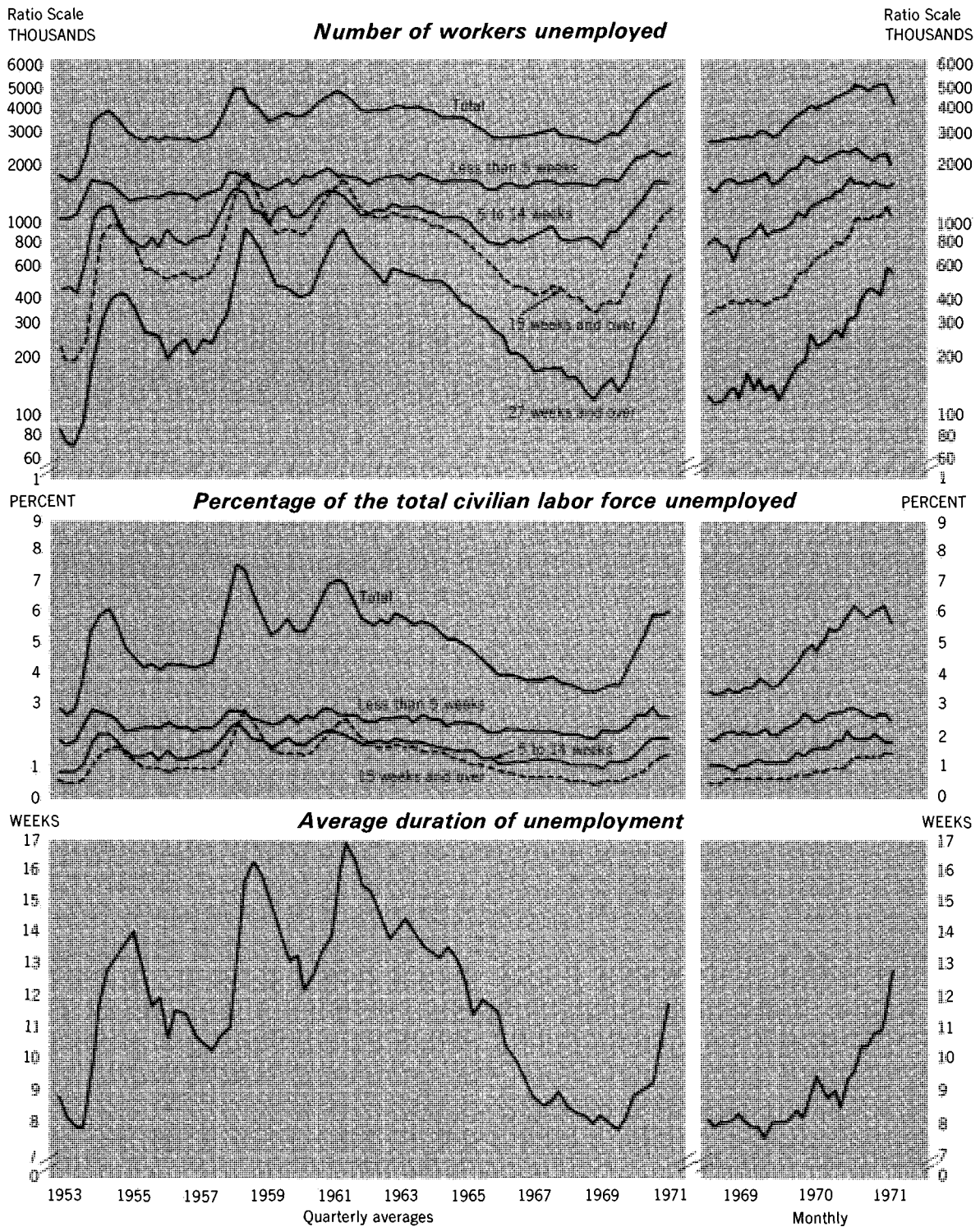


⌵ Excludes private household workers.

Note: Comparisons with data prior to January 1971 are affected by the reclassification of census occupations that was introduced in that month, creating a break in series.

Source: Table A-37.

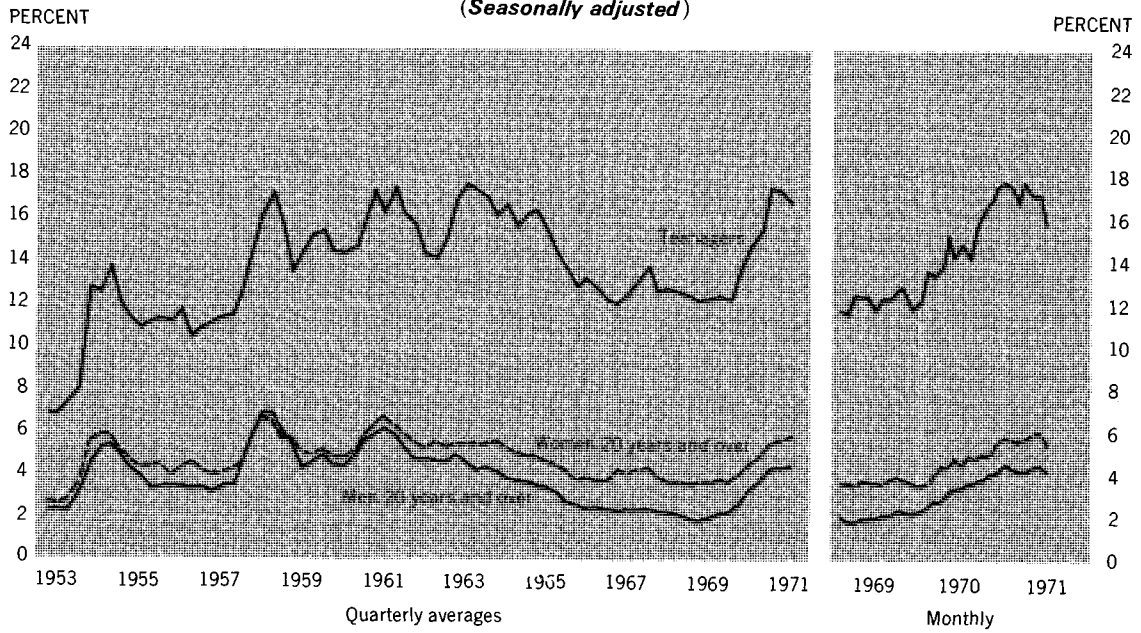
**Chart 8. Duration of unemployment
1953 to date**
(Seasonally adjusted)



Source: Table A-32.

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

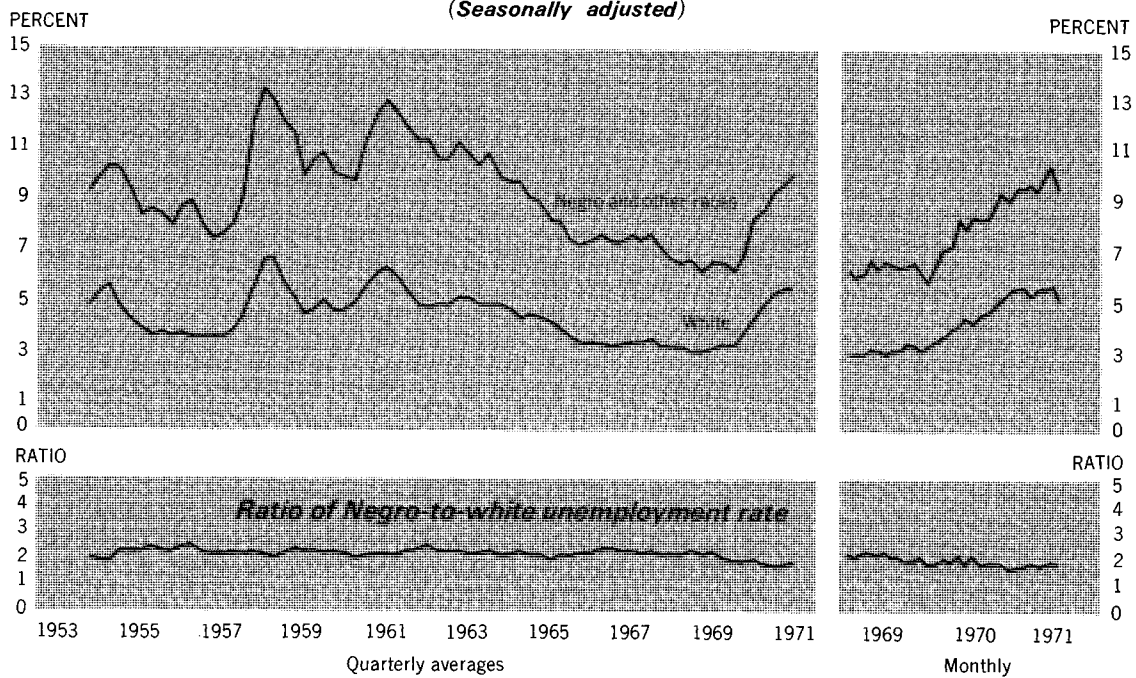
(Seasonally adjusted)



Source: Table A-33.

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

(Seasonally adjusted)



Source: Table A-31.

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

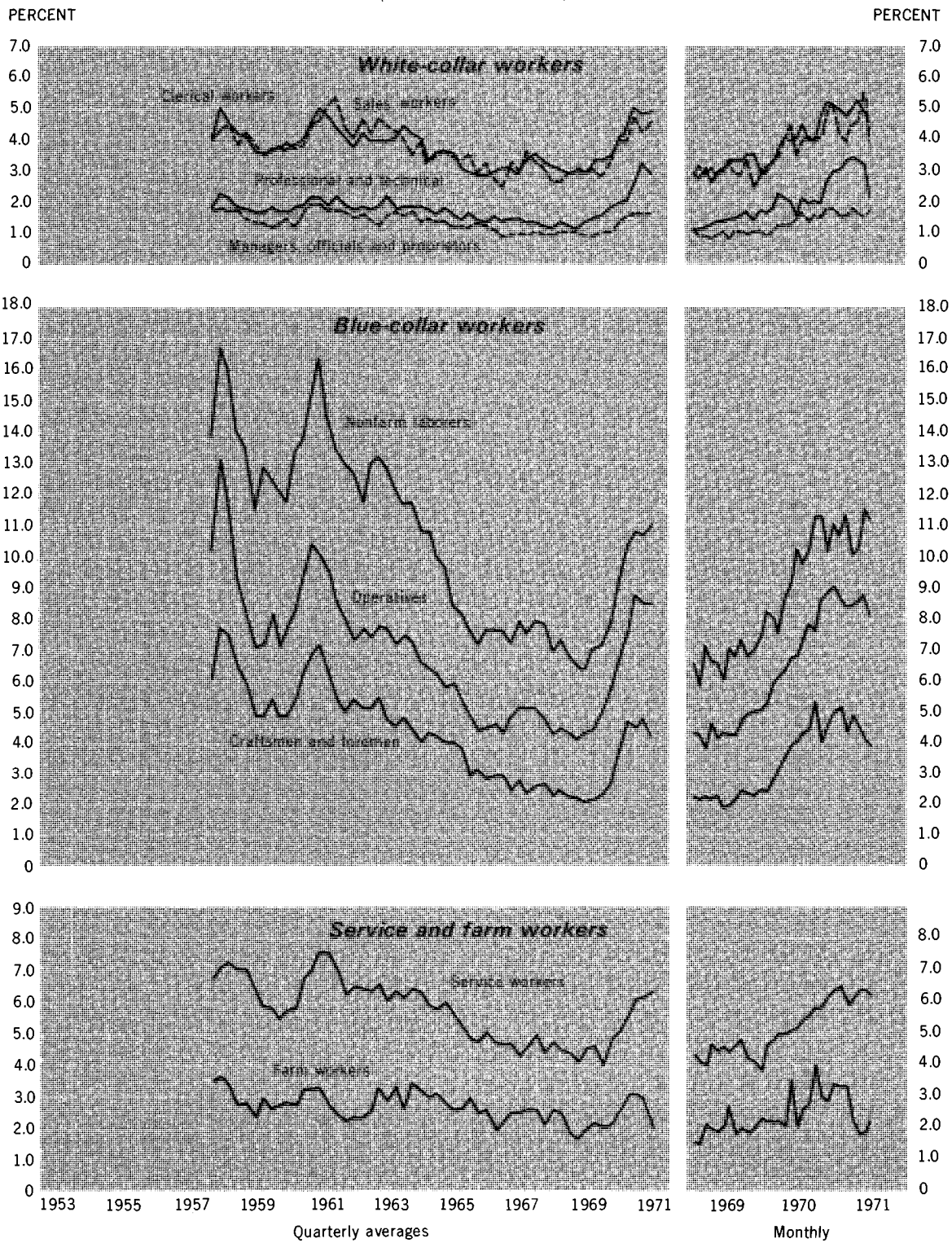


Chart 12. Average weekly hours in private nonagricultural establishments, manufacturing, and trade 1953 to date
(Seasonally adjusted)

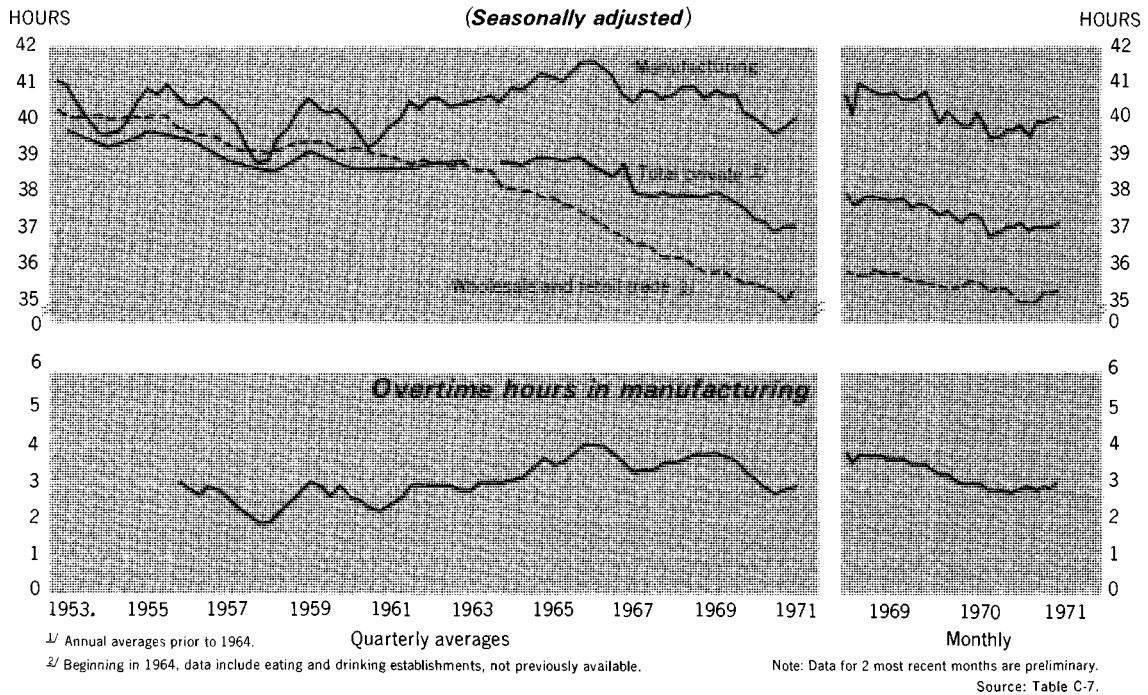


Chart 13. Labor turnover rates in manufacturing 1953 to date
(Seasonally adjusted)

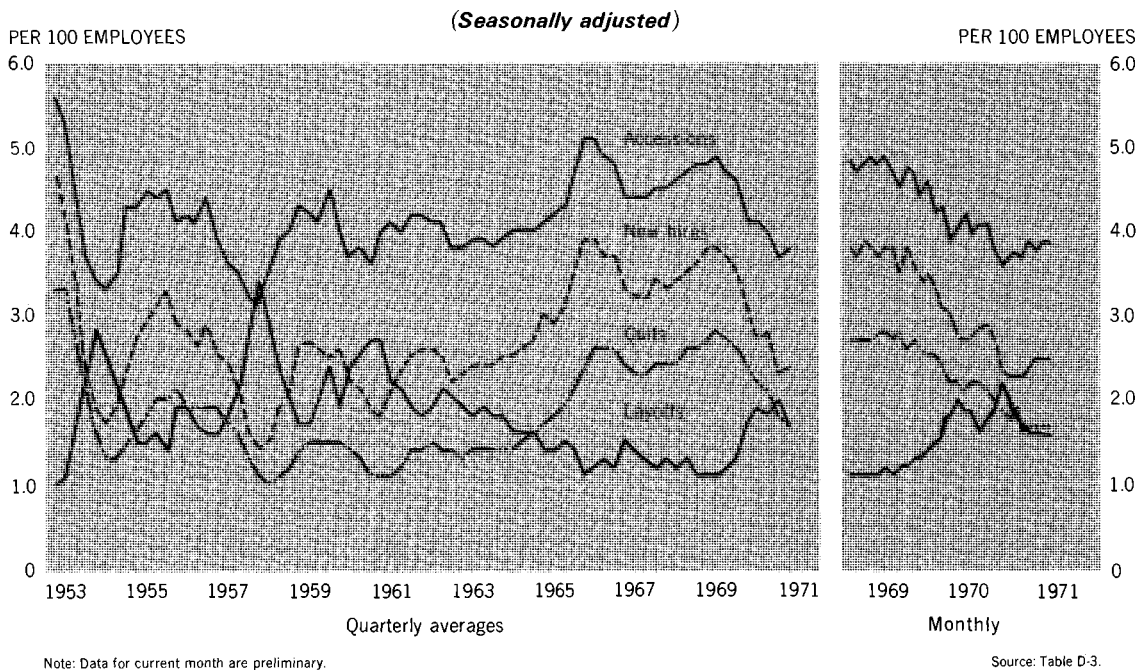
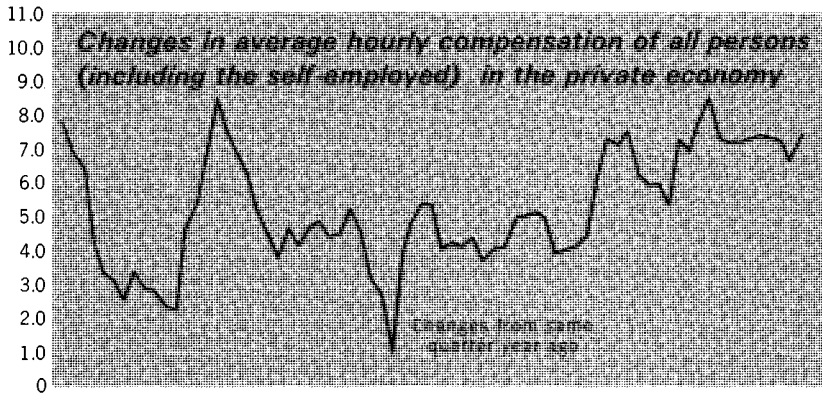


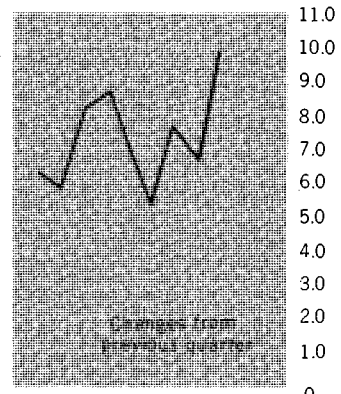
Chart 14. Major compensation trend indicators 1953 to date

(Seasonally adjusted, at annual rates)

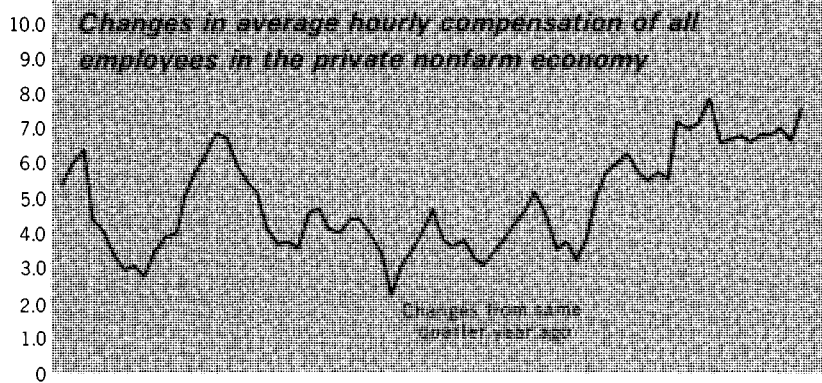
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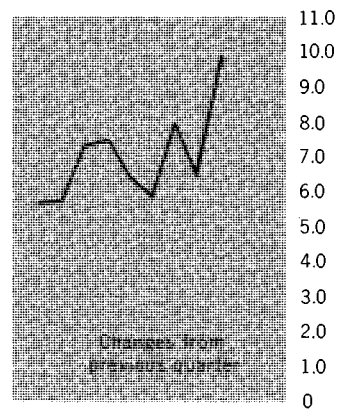
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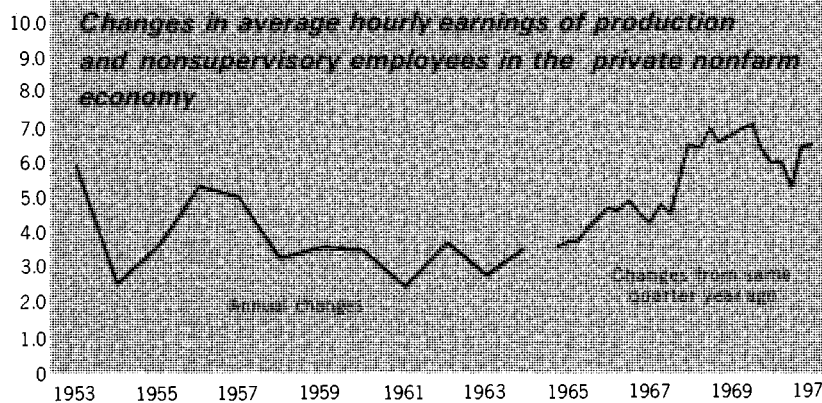
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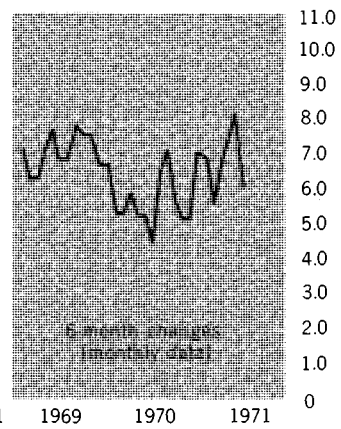
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Source: Tables C-11, C-12, and C-14.

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

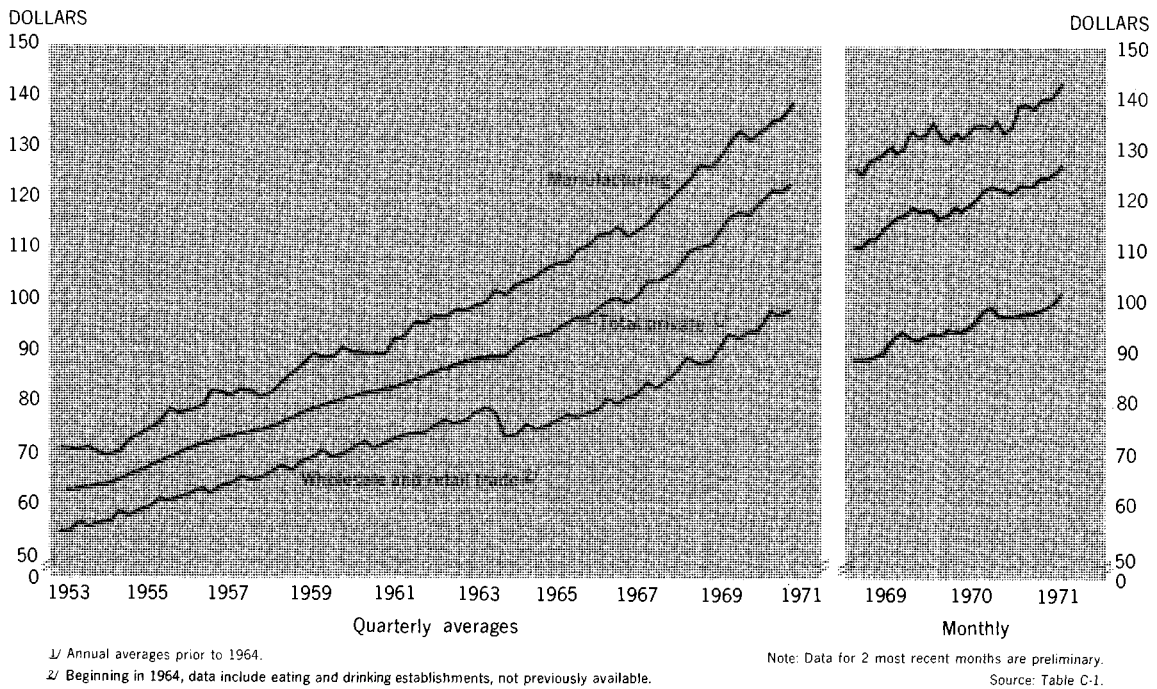


Chart 16. Average weekly and spendable earnings of production or nonsupervisory workers on private nonagricultural payrolls 1953 to date

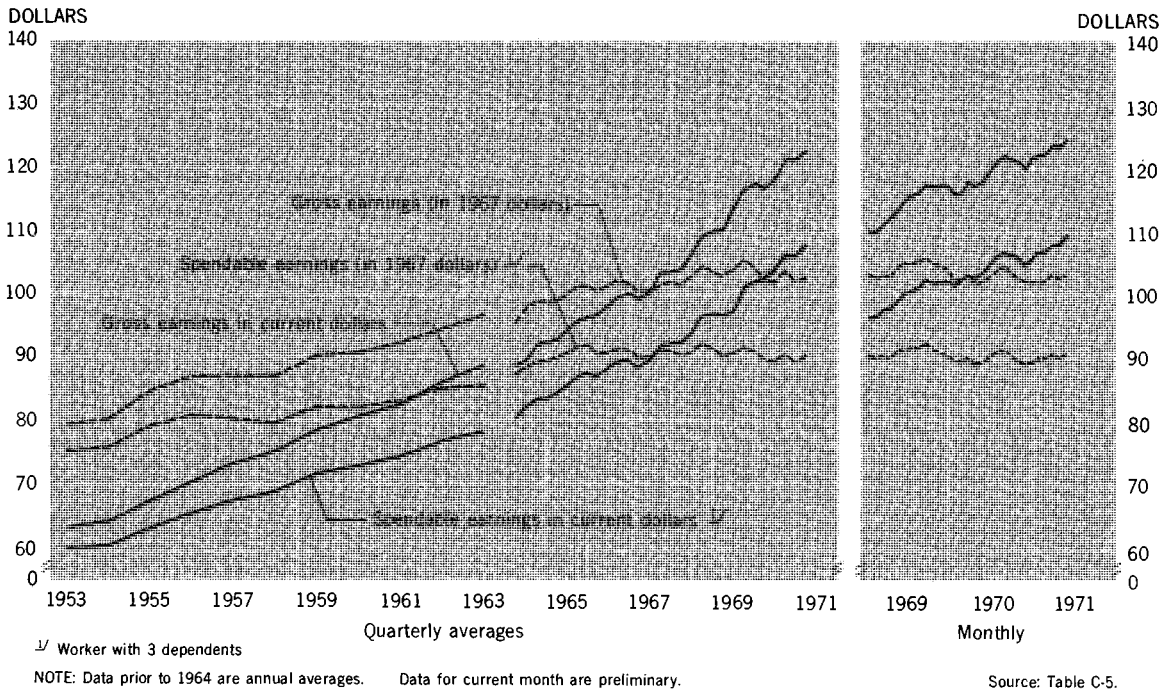
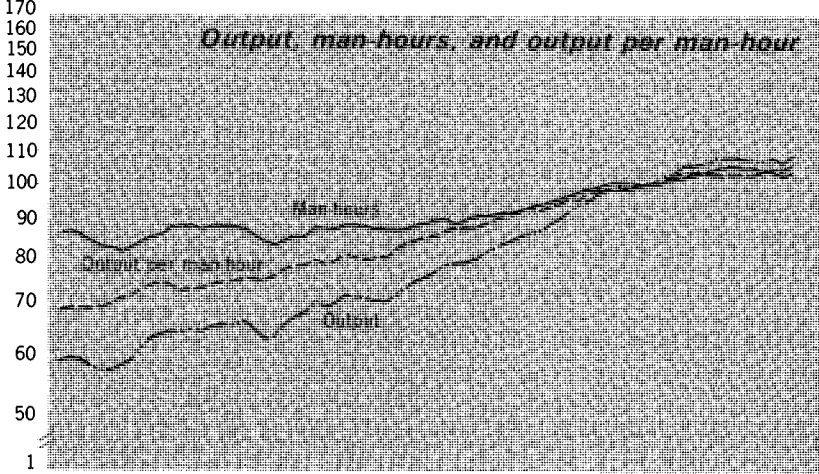


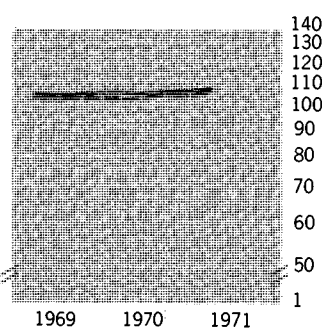
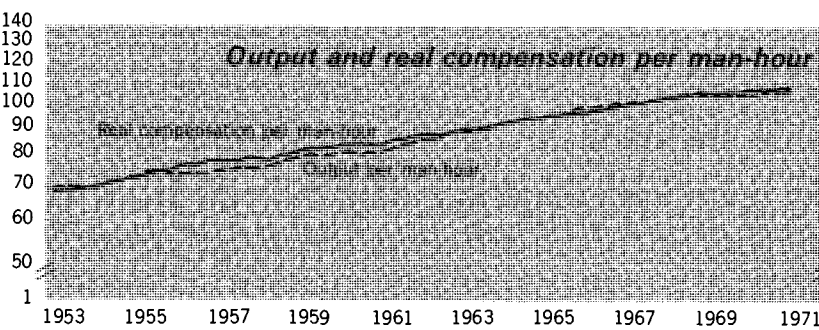
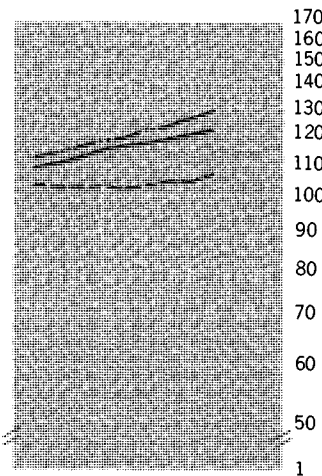
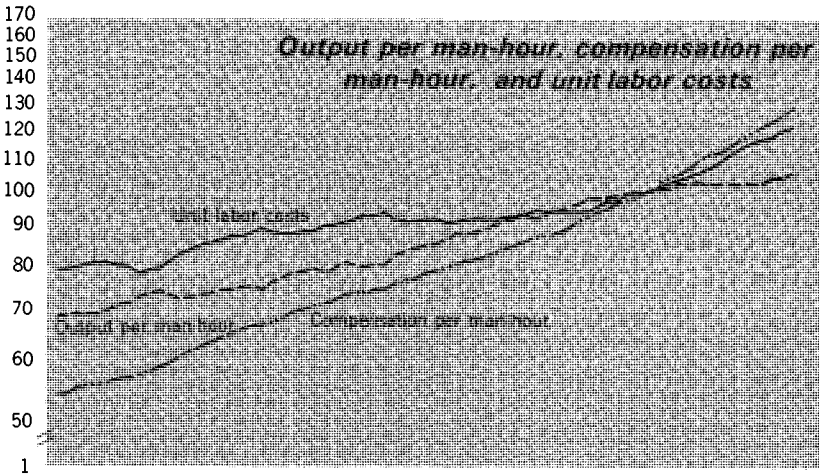
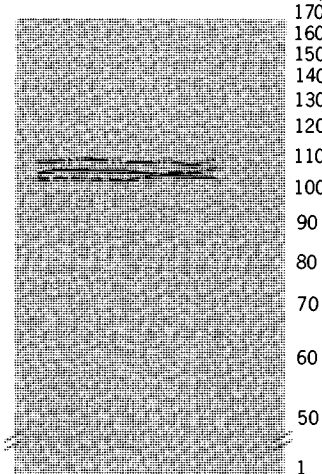
Chart 17. Indexes of output per man-hour, hourly compensation, and unit labor costs in the private nonfarm economy 1953 to date

(Seasonally adjusted quarterly averages)

RATIO SCALE
INDEX (1967 = 100)



RATIO SCALE
INDEX (1967 = 100)



Source: Table C-10.

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¹ Included in February, May, August, and November issues.

HOUSEHOLD DATA

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	Agri-culture	Nonagri-cultural industries	Number	Percent of labor force		
									Not seasonally adjusted		Seasonally adjusted
Persons 14 years of age and over											
1929.....	(1)	49,440	(1)	49,180	47,630	10,450	37,180	1,550	3.2	-	(1)
1930.....	(1)	50,080	(1)	49,820	45,480	10,340	35,140	4,340	8.7	-	(1)
1931.....	(1)	50,680	(1)	50,420	42,400	10,290	32,110	8,020	15.9	-	(1)
1932.....	(1)	51,250	(1)	51,000	38,940	10,170	28,770	12,060	23.6	-	(1)
1933.....	(1)	51,840	(1)	51,590	38,760	10,090	28,670	12,830	24.9	-	(1)
1934.....	(1)	52,490	(1)	52,230	40,890	9,900	30,990	11,340	21.7	-	(1)
1935.....	(1)	53,140	(1)	52,870	42,260	10,110	32,150	10,610	20.1	-	(1)
1936.....	(1)	53,740	(1)	53,440	44,410	10,000	34,410	9,030	16.9	-	(1)
1937.....	(1)	54,320	(1)	54,000	46,300	9,820	36,480	7,700	14.3	-	(1)
1938.....	(1)	54,950	(1)	54,610	44,220	9,690	34,530	10,390	19.0	-	(1)
1939.....	(1)	55,600	(1)	55,230	45,750	9,610	36,140	9,480	17.2	-	(1)
1940.....	100,380	56,180	56.0	55,640	47,520	9,540	37,980	8,120	14.6	-	44,200
1941.....	101,520	57,530	56.7	55,910	50,350	9,100	41,250	5,560	9.9	-	43,990
1942.....	102,610	60,380	58.8	56,410	53,750	9,250	44,500	2,660	4.7	-	42,230
1943.....	103,660	64,560	62.3	55,540	54,470	9,080	45,390	1,070	1.9	-	39,100
1944.....	104,630	66,040	63.1	54,630	53,960	8,950	45,010	670	1.2	-	38,590
1945.....	105,530	65,300	61.9	53,860	52,820	8,580	44,240	1,040	1.9	-	40,230
1946.....	106,520	60,970	57.2	57,520	55,250	8,320	46,930	2,270	3.9	-	45,550
1947.....	107,608	61,758	57.4	60,168	57,812	8,256	49,557	2,356	3.9	-	45,850
Persons 16 years of age and over											
1947.....	103,418	60,941	58.9	59,350	57,039	7,891	49,148	2,311	3.9	-	42,477
1948.....	104,527	62,080	59.4	60,621	58,344	7,629	50,713	2,276	3.8	-	42,447
1949.....	105,611	62,903	59.6	61,286	57,649	7,656	49,990	3,637	5.9	-	42,708
1950.....	106,645	63,858	59.9	62,208	58,920	7,160	51,760	3,288	5.3	-	42,787
1951.....	107,721	65,117	60.4	62,017	59,962	6,726	53,239	2,055	3.3	-	42,604
1952.....	108,823	65,730	60.4	62,138	60,254	6,501	53,753	1,883	3.0	-	43,093
1953.....	110,601	66,560	60.2	63,015	61,181	6,261	54,922	1,834	2.9	-	44,041
1954.....	111,671	66,993	60.0	63,643	60,110	6,206	53,903	3,532	5.5	-	44,678
1955.....	112,732	68,072	60.4	65,023	62,171	6,449	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.....	122,981	73,442	59.7	70,614	66,702	4,944	61,759	3,911	5.5	-	49,539
1963.....	125,154	74,571	59.6	71,833	67,762	4,687	63,076	4,070	5.7	-	50,583
1964.....	127,224	75,830	59.6	73,091	69,305	4,523	64,782	3,786	5.2	-	51,394
1965.....	129,236	77,178	59.7	74,455	71,088	4,361	66,726	3,366	4.5	-	52,058
1966.....	131,180	78,893	60.1	75,770	72,895	3,979	68,915	2,875	3.8	-	52,288
1967.....	133,319	80,793	60.6	77,347	74,372	3,844	70,527	2,975	3.8	-	52,527
1968.....	135,562	82,272	60.7	78,737	75,920	3,817	72,103	2,817	3.6	-	53,291
1969.....	137,841	84,240	61.1	80,734	77,902	3,606	74,296	2,832	3.5	-	53,602
1970.....	140,182	85,903	61.3	82,715	78,627	3,462	75,165	4,088	4.9	-	54,280
1970: June.....	140,046	87,229	62.3	84,050	79,382	4,208	75,174	4,668	5.6	4.8	52,816
October.....	140,886	86,254	61.2	83,175	78,916	3,394	75,522	4,259	5.1	5.5	54,631
November.....	141,091	86,386	61.2	83,347	78,740	3,226	75,514	4,607	5.3	5.9	54,705
December.....	141,301	86,165	61.0	83,152	78,515	2,952	75,563	4,637	5.6	6.2	55,137
1971: January.....	141,500	85,628	60.5	82,652	77,238	2,877	74,361	5,414	6.6	6.0	55,872
February.....	141,670	85,653	60.5	82,703	77,262	2,846	74,415	5,442	6.6	5.8	56,017
March.....	141,885	85,598	60.3	82,668	77,493	3,042	74,452	5,175	6.3	6.0	56,286
April.....	142,088	85,780	60.4	82,898	78,204	3,505	74,699	4,694	5.7	6.1	56,308
May.....	142,285	85,954	60.4	83,104	78,709	3,598	75,111	4,394	5.3	6.2	56,331
June.....	142,482	87,784	61.6	84,968	79,478	3,920	75,559	5,490	6.5	5.6	54,698

¹Not available.

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	
MALE											
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.....	58,144	48,870	84.0	46,388	43,904	4,472	39,431	2,486	5.4	-	9,274
1961.....	58,826	49,193	83.6	46,653	43,656	4,298	39,359	2,997	6.4	-	9,633
1962.....	59,626	49,395	82.8	46,600	44,177	4,069	40,108	2,423	5.2	-	10,231
1963.....	60,627	49,835	82.2	47,129	44,657	3,809	40,849	2,472	5.2	-	10,792
1964.....	61,556	50,387	81.9	47,679	45,474	3,691	41,782	2,205	4.6	-	11,169
1965.....	62,473	50,946	81.5	48,255	46,340	3,547	42,792	1,914	4.0	-	11,527
1966.....	63,351	51,560	81.4	48,471	46,919	3,243	43,675	1,551	3.2	-	11,792
1967.....	64,316	52,398	81.5	48,987	47,479	3,164	44,315	1,508	3.1	-	11,919
1968.....	65,345	53,030	81.2	49,533	48,114	3,157	44,957	1,419	2.9	-	12,315
1969.....	66,365	53,688	80.9	50,221	48,818	2,963	45,855	1,403	2.8	-	12,677
1970.....	67,409	54,343	80.6	51,195	48,960	2,861	46,099	2,235	4.4	-	13,066
1970: June.....	67,341	55,657	82.7	52,518	49,987	3,341	46,646	2,531	4.8	4.3	11,684
1971: February.....	68,085	53,832	79.1	50,922	47,686	2,424	45,262	3,236	6.4	5.2	14,254
March.....	68,185	53,875	79.0	50,987	47,979	2,595	45,383	3,008	5.9	5.3	14,310
April.....	68,278	54,218	79.4	51,376	48,734	2,920	45,814	2,642	5.1	5.3	14,060
May.....	68,367	54,390	79.6	51,580	49,127	2,930	46,196	2,453	4.8	5.6	13,977
June.....	68,456	55,920	81.7	53,145	50,173	3,122	47,050	2,972	5.6	5.1	12,536
FEMALE											
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.....	56,353	19,429	34.5	19,382	18,750	1,008	17,744	632	3.3	-	36,924
1954.....	56,965	19,718	34.6	19,678	18,490	1,006	17,486	1,188	6.0	-	37,247
1955.....	57,610	20,584	35.7	20,548	19,550	1,184	18,367	998	4.9	-	37,026
1956.....	58,264	21,495	36.9	21,461	20,422	1,244	19,177	1,039	4.8	-	36,769
1957.....	58,983	21,765	36.9	21,732	20,714	1,123	19,591	1,018	4.7	-	37,218
1958.....	59,723	22,149	37.1	22,118	20,613	990	19,623	1,504	6.8	-	37,574
1959.....	60,569	22,516	37.2	22,483	21,164	1,033	20,131	1,320	5.9	-	38,053
1960.....	61,615	23,272	37.8	23,240	21,874	986	20,887	1,366	5.9	-	38,343
1961.....	62,517	23,838	38.1	23,806	22,090	902	21,187	1,717	7.2	-	38,679
1962.....	63,355	24,047	38.0	24,014	22,525	875	21,651	1,488	6.2	-	39,308
1963.....	64,527	24,736	38.3	24,704	23,105	878	22,227	1,598	6.5	-	39,791
1964.....	65,668	25,443	38.7	25,412	23,831	832	23,000	1,581	6.2	-	40,225
1965.....	66,763	26,232	39.3	26,200	24,748	814	23,934	1,452	5.5	-	40,531
1966.....	67,829	27,333	40.3	27,299	25,976	736	25,240	1,324	4.8	-	40,496
1967.....	69,003	28,395	41.2	28,360	26,893	680	26,212	1,468	5.2	-	40,608
1968.....	70,217	29,242	41.6	29,204	27,807	660	27,147	1,397	4.8	-	40,976
1969.....	71,476	30,551	42.7	30,513	29,084	643	28,441	1,429	4.7	-	40,924
1970.....	72,774	31,560	43.4	31,520	29,667	601	29,066	1,853	5.9	-	41,214
1970: June.....	72,705	31,572	43.4	31,532	29,395	867	28,528	2,137	6.8	5.5	41,133
1971: February.....	73,585	31,821	43.2	31,781	29,575	422	29,153	2,206	6.9	6.8	41,763
March.....	73,700	31,723	43.0	31,682	29,515	447	29,068	2,167	6.8	7.2	41,977
April.....	73,810	31,562	42.8	31,521	29,469	585	28,885	2,052	6.5	7.3	42,248
May.....	73,918	31,564	42.7	31,524	29,583	668	28,915	1,941	6.2	7.2	42,354
June.....	74,026	31,864	43.0	31,823	29,306	797	28,508	2,518	7.9	6.5	42,162

HOUSEHOLD DATA

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

June 1971

(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					
MALE											
16 years and over	55,920	81.7	53,145	50,173	2,972	5.6	12,536	325	2,311	1,742	8,157
16 to 21 years	8,311	73.7	7,257	5,931	1,326	18.3	2,971	35	1,869	47	1,020
16 to 19 years	5,264	68.1	4,925	3,947	978	19.9	2,470	31	1,594	32	813
16 and 17 years	2,268	57.1	2,239	1,730	509	22.7	1,701	15	1,128	11	547
18 and 19 years	2,996	79.6	2,686	2,217	469	17.5	769	16	466	21	266
20 to 64 years	48,501	92.3	46,065	44,121	1,944	4.2	4,039	128	718	1,118	2,075
20 to 24 years	7,913	88.9	6,520	5,779	741	11.4	992	9	526	52	406
25 to 54 years	33,441	95.7	32,401	31,410	992	3.1	1,500	64	188	562	687
25 to 29 years	6,639	95.3	6,272	6,030	243	3.9	329	9	126	55	139
30 to 34 years	5,576	97.3	5,320	5,128	193	3.6	153	4	28	38	83
35 to 39 years	5,196	96.8	4,952	4,804	149	3.0	170	7	14	78	71
40 to 44 years	5,482	96.5	5,369	5,222	147	2.7	201	10	8	106	77
45 to 49 years	5,582	95.4	5,541	5,401	140	2.5	269	12	9	122	127
50 to 54 years	4,965	93.0	4,946	4,826	120	2.4	376	22	3	161	190
55 to 64 years	7,148	82.2	7,144	6,932	212	3.0	1,546	55	4	505	982
55 to 59 years	4,236	89.0	4,233	4,106	126	3.0	525	22	4	217	282
60 to 64 years	2,911	74.0	2,826	2,826	85	2.9	1,021	33	1	287	700
65 years and over	2,155	26.3	2,155	2,105	50	2.3	6,027	166	--	592	5,269
65 to 69 years	1,254	40.2	1,254	1,211	42	3.4	1,862	46	--	155	1,661
70 years and over	901	17.8	901	894	8	.8	4,166	120	--	437	3,608
White											
16 years and over	50,263	82.2	47,801	45,391	2,410	5.0	10,918	270	1,943	1,398	7,307
16 to 21 years	7,351	75.2	6,417	5,381	1,036	16.1	2,429	23	1,552	37	818
16 to 19 years	4,691	70.0	4,390	3,631	759	17.3	2,007	19	1,320	28	641
16 and 17 years	2,043	59.6	2,016	1,610	406	20.2	1,386	9	930	8	438
18 and 19 years	2,649	81.0	2,374	2,021	353	14.9	622	9	390	20	203
20 to 64 years	43,597	92.8	41,436	39,830	1,606	3.9	3,398	103	623	894	1,778
20 to 24 years	6,963	89.2	5,716	5,124	591	10.3	847	7	457	34	348
25 to 54 years	30,083	96.2	29,172	28,337	835	2.9	1,186	50	162	437	537
25 to 34 years	10,885	96.6	10,339	9,989	350	3.4	384	9	131	68	175
35 to 44 years	9,587	97.1	9,278	9,031	247	2.7	290	10	21	144	115
45 to 54 years	9,610	94.9	9,555	9,317	238	2.5	512	31	10	224	247
55 to 64 years	6,552	82.8	6,549	6,370	179	2.7	1,366	46	4	423	893
55 to 59 years	3,864	89.3	3,861	3,753	108	2.8	462	18	4	185	255
60 to 64 years	2,688	74.8	2,687	2,616	71	2.6	903	28	1	237	638
65 years and over	1,975	26.4	1,975	1,930	45	2.3	5,513	148	--	477	4,888
Negro and other races											
16 years and over	5,657	77.8	5,344	4,782	562	10.5	1,618	56	368	344	850
16 to 21 years	960	63.9	840	549	290	34.6	542	13	317	10	203
16 to 19 years	572	55.3	535	316	219	41.0	463	12	274	5	172
16 and 17 years	225	41.7	223	120	102	46.0	316	6	198	3	109
18 and 19 years	347	70.2	312	195	117	37.4	148	7	76	2	64
20 to 64 years	4,905	88.5	4,629	4,291	338	7.3	640	25	94	224	297
20 to 24 years	951	86.7	804	655	149	18.5	145	2	69	18	57
25 to 54 years	3,358	91.4	3,230	3,073	157	4.9	313	15	26	124	150
25 to 34 years	1,331	93.1	1,254	1,169	85	6.8	99	4	23	24	48
35 to 44 years	1,090	93.1	1,043	994	49	4.7	81	7	2	40	32
45 to 54 years	937	87.5	932	910	22	2.4	134	3	1	60	70
55 to 64 years	596	76.7	595	563	33	5.5	181	9	--	82	90
55 to 59 years	372	85.6	371	353	18	4.9	63	3	--	32	27
60 to 64 years	224	65.5	224	209	14	6.4	118	6	--	50	62
65 years and over	180	25.9	180	175	5	2.6	515	18	--	115	381

HOUSEHOLD DATA

A-3: Employment status of the noninstitutional population by sex, age, and color--Continued
 June 1971
 (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					
FEMALE											
16 years and over	31,864	43.0	31,823	29,306	2,518	7.9	42,162	36,002	2,406	1,005	2,748
16 to 21 years	5,744	51.8	5,724	4,533	1,191	20.8	5,340	1,996	2,127	18	1,199
16 to 19 years	3,689	48.7	3,680	2,780	900	24.5	3,891	991	1,848	12	1,039
16 and 17 years	1,501	38.7	1,501	1,060	441	29.4	2,380	403	1,270	4	703
18 and 19 years	2,188	59.2	2,179	1,720	459	21.1	1,510	589	578	8	336
20 to 64 years	27,153	49.1	27,121	25,536	1,586	5.8	28,149	26,203	549	345	1,052
20 to 24 years	5,059	57.2	5,039	4,436	603	12.0	3,783	3,087	403	10	284
25 to 54 years	17,949	49.0	17,937	17,101	836	4.7	18,696	17,832	140	176	548
25 to 29 years	3,080	43.6	3,075	2,863	212	6.9	3,990	3,814	60	27	89
30 to 34 years	2,615	44.2	2,612	2,475	138	5.3	3,299	3,133	27	19	120
35 to 39 years	2,685	48.2	2,684	2,542	142	5.3	2,883	2,781	19	26	57
40 to 44 years	3,111	52.0	3,109	2,991	118	3.8	2,875	2,750	15	28	83
45 to 49 years	3,406	54.1	3,405	3,276	128	3.8	2,884	2,726	15	35	108
50 to 54 years	3,053	52.5	3,052	2,954	98	3.2	2,766	2,628	5	41	92
55 to 64 years	4,146	42.2	4,146	3,999	147	3.5	5,669	5,284	6	160	219
55 to 59 years	2,515	47.7	2,515	2,418	97	3.9	2,758	2,609	3	67	79
60 to 64 years	1,631	35.9	1,631	1,581	50	3.1	2,911	2,675	3	92	141
65 years and over	1,022	9.2	1,022	990	31	3.1	10,122	8,808	8	648	658
65 to 69 years	620	16.4	620	604	16	2.6	3,167	2,908	3	66	190
70 years and over	402	5.5	402	387	15	3.8	6,955	5,900	5	582	467
White											
16 years and over	27,726	42.2	27,690	25,698	1,992	7.2	37,962	32,768	1,954	801	2,439
16 to 21 years	5,078	53.3	5,062	4,137	925	18.3	4,450	1,675	1,733	12	1,031
16 to 19 years	3,289	50.5	3,281	2,584	696	21.2	3,225	822	1,507	8	888
16 and 17 years	1,357	40.8	1,357	1,009	349	25.7	1,970	334	1,045	2	589
18 and 19 years	1,931	60.6	1,924	1,576	348	18.1	1,255	488	462	6	299
20 to 64 years	23,512	48.1	23,483	22,217	1,266	5.4	25,397	23,763	440	245	949
20 to 24 years	4,394	57.2	4,377	3,901	476	10.9	3,286	2,691	333	8	254
25 to 54 years	15,409	47.7	15,398	14,732	666	4.3	16,915	16,195	102	120	498
25 to 29 years	4,787	42.1	4,780	4,517	264	5.5	6,572	6,279	64	32	197
30 to 34 years	4,929	48.7	4,926	4,725	201	4.1	5,198	5,016	22	37	123
35 to 44 years	5,693	52.5	5,691	5,490	201	3.5	5,145	4,900	15	50	179
55 to 64 years	3,709	41.6	3,709	3,585	123	3.3	5,196	4,877	5	118	196
55 to 59 years	2,240	47.0	2,240	2,160	80	3.6	2,522	2,401	3	47	71
60 to 64 years	1,468	35.4	1,468	1,425	43	2.9	2,674	2,476	2	71	126
65 years and over	926	9.0	926	896	30	3.3	9,340	8,183	7	548	602
Negro and other races											
16 years and over	4,138	49.6	4,133	3,608	525	12.7	4,200	3,234	452	204	310
16 to 21 years	666	42.8	663	396	266	40.2	889	322	394	6	168
16 to 19 years	401	37.6	399	195	204	51.1	666	170	341	4	151
16 and 17 years	144	25.9	144	51	92	64.2	410	69	225	2	114
18 and 19 years	257	50.1	255	144	112	43.7	256	101	116	2	37
20 to 64 years	3,641	57.0	3,638	3,318	320	8.8	2,751	2,440	109	100	104
20 to 24 years	664	57.0	662	535	127	19.1	498	395	70	2	30
25 to 54 years	2,541	58.8	2,540	2,369	170	6.7	1,781	1,637	38	55	50
25 to 29 years	908	55.9	907	821	86	9.5	717	668	22	14	12
30 to 34 years	867	60.8	867	808	58	6.7	559	515	11	16	17
35 to 44 years	766	60.3	766	740	25	3.3	505	454	4	25	21
55 to 64 years	437	48.0	437	413	24	5.4	473	407	1	42	23
55 to 59 years	274	53.8	274	258	17	6.1	236	208	--	21	8
60 to 64 years	163	40.7	163	156	7	4.3	237	199	1	21	15
65 years and over	96	10.9	96	95	1	1.2	783	625	2	100	55

HOUSEHOLD DATA

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 1971	June 1970	June 1971	June 1970	June 1971	June 1970	June 1971	June 1970
MALE								
16 years and over	55,920	55,657	81.7	82.7	53,145	52,518	80.9	81.8
16 to 19 years	5,264	5,303	68.1	70.5	4,925	4,915	66.6	68.9
16 and 17 years	2,268	2,373	57.1	61.3	2,239	2,346	56.8	61.0
18 and 19 years	2,996	2,931	79.6	80.3	2,686	2,570	77.7	78.2
20 to 24 years	7,913	7,665	88.9	90.2	6,520	5,977	86.8	87.8
25 to 54 years	33,441	33,327	95.7	96.2	32,401	32,266	95.6	96.0
25 to 34 years	12,216	11,980	96.2	96.8	11,593	11,331	96.0	96.6
35 to 44 years	10,678	10,846	96.6	97.2	10,321	10,504	96.5	97.1
45 to 54 years	10,547	10,501	94.2	94.4	10,487	10,433	94.2	94.4
55 to 64 years	7,148	7,162	82.2	83.5	7,144	7,158	82.2	83.5
55 to 59 years	4,236	4,227	89.0	89.7	4,233	4,224	89.0	89.7
60 to 64 years	2,911	2,935	74.0	75.9	2,911	2,935	74.0	75.9
65 years and over	2,155	2,200	26.3	27.2	2,155	2,199	26.3	27.2
White								
16 years and over	50,263	49,975	82.2	82.9	47,801	47,145	81.4	82.1
16 to 19 years	4,691	4,676	70.0	71.7	4,390	4,320	68.6	70.1
16 and 17 years	2,043	2,100	59.6	62.6	2,016	2,074	59.3	62.3
18 and 19 years	2,649	2,577	81.0	81.3	2,374	2,246	79.3	79.1
20 to 24 years	6,963	6,766	89.2	90.5	5,716	5,231	87.1	88.1
25 to 54 years	30,083	30,000	96.2	96.6	29,172	29,065	96.1	96.5
25 to 34 years	10,885	10,675	96.6	97.1	10,339	10,104	96.4	96.9
35 to 44 years	9,587	9,746	97.1	97.6	9,278	9,447	97.0	97.5
45 to 54 years	9,610	9,579	94.9	95.2	9,555	9,515	94.9	95.2
55 to 64 years	6,552	6,548	82.8	83.8	6,549	6,545	82.7	83.8
55 to 59 years	3,864	3,864	89.3	90.2	3,861	3,861	89.3	90.2
60 to 64 years	2,688	2,684	74.8	76.0	2,687	2,683	74.8	76.0
65 years and over	1,975	1,984	26.4	26.8	1,975	1,984	26.4	26.8
Negro and other races								
16 years and over	5,657	5,683	77.8	80.2	5,344	5,373	76.8	79.2
16 to 19 years	572	627	55.3	62.7	535	595	53.6	61.5
16 and 17 years	225	273	41.7	52.4	223	271	41.4	52.3
18 and 19 years	347	354	70.2	73.9	312	324	67.9	72.1
20 to 24 years	951	899	86.7	87.7	804	746	84.7	85.6
25 to 54 years	3,358	3,327	91.4	92.1	3,230	3,201	91.2	91.8
25 to 34 years	1,331	1,306	93.1	94.5	1,254	1,227	92.7	94.1
35 to 44 years	1,090	1,099	93.1	93.8	1,043	1,057	92.8	93.6
45 to 54 years	937	922	87.5	87.1	932	918	87.5	87.1
55 to 64 years	596	614	76.7	79.9	595	614	76.7	79.9
55 to 59 years	372	363	85.6	84.0	371	363	85.6	84.0
60 to 64 years	224	251	65.5	74.6	224	251	65.4	74.6
65 years and over	180	216	25.9	31.5	180	216	25.9	31.5

HOUSEHOLD DATA

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 1971	June 1970	June 1971	June 1970	June 1971	June 1970	June 1971	June 1970
FEMALE								
16 years and over	31,864	31,572	43.0	43.4	31,823	31,532	43.0	43.4
16 to 19 years	3,689	3,716	48.7	50.4	3,680	3,706	48.6	50.3
16 and 17 years	1,501	1,562	38.7	41.2	1,501	1,562	38.7	41.2
18 and 19 years	2,188	2,154	59.2	60.2	2,179	2,145	59.1	60.1
20 to 24 years	5,059	4,875	57.2	57.7	5,039	4,856	57.1	57.6
25 to 34 years	17,949	17,801	49.0	49.0	17,937	17,789	49.0	49.0
25 to 34 years	5,694	5,545	43.9	43.8	5,688	5,539	43.8	43.8
35 to 44 years	5,796	5,824	50.2	49.8	5,793	5,821	50.2	49.8
45 to 54 years	6,458	6,432	53.3	53.6	6,457	6,430	53.3	53.6
55 to 64 years	4,146	4,140	42.2	42.9	4,146	4,140	42.2	42.9
55 to 59 years	2,515	2,567	47.7	49.4	2,515	2,567	47.7	49.4
60 to 64 years	1,631	1,574	35.9	35.4	1,631	1,574	35.9	35.4
65 years and over	1,022	1,040	9.2	9.5	1,022	1,039	9.2	9.5
White								
16 years and over	27,726	27,384	42.2	42.4	27,690	27,348	42.2	42.4
16 to 19 years	3,289	3,242	50.5	51.1	3,281	3,233	50.4	51.0
16 and 17 years	1,357	1,370	40.8	42.0	1,357	1,370	40.8	42.0
18 and 19 years	1,931	1,872	60.6	60.7	1,924	1,863	60.5	60.6
20 to 24 years	4,394	4,244	57.2	57.7	4,377	4,228	57.1	57.6
25 to 34 years	15,409	15,262	47.7	47.5	15,398	15,251	47.7	47.5
25 to 34 years	4,787	4,626	42.1	41.7	4,780	4,620	42.1	41.7
35 to 44 years	4,929	4,968	48.7	48.4	4,926	4,965	48.7	48.4
45 to 54 years	5,693	5,667	52.5	52.7	5,691	5,665	52.5	52.7
55 to 64 years	3,709	3,708	41.6	42.4	3,709	3,707	41.6	42.4
55 to 59 years	2,240	2,297	47.0	48.9	2,240	2,297	47.0	48.9
60 to 64 years	1,468	1,410	35.4	34.8	1,468	1,410	35.4	34.8
65 years and over	926	929	9.0	9.3	926	929	9.0	9.3
Negro and other races								
16 years and over	4,138	4,188	49.6	51.7	4,133	4,184	49.6	51.6
16 to 19 years	401	474	37.6	46.1	399	473	37.5	46.0
16 and 17 years	144	192	25.9	36.0	144	192	25.9	36.0
18 and 19 years	257	282	50.1	56.9	255	281	50.0	56.8
20 to 24 years	664	631	57.2	58.0	662	629	57.1	57.9
25 to 34 years	2,541	2,539	58.8	59.8	2,540	2,538	58.8	59.8
25 to 34 years	908	919	55.9	58.4	907	918	55.9	58.3
35 to 44 years	867	856	60.8	60.0	867	856	60.8	59.9
45 to 54 years	766	765	60.3	61.4	766	765	60.3	61.4
55 to 64 years	437	433	48.0	48.7	437	433	48.0	48.7
55 to 59 years	274	270	53.8	53.8	274	270	53.8	53.8
60 to 64 years	163	163	40.7	42.2	163	163	40.7	42.2
65 years and over	96	111	10.9	12.9	96	111	10.9	12.9

HOUSEHOLD DATA

A- 5: Employment status of persons 16-21 years of age in the noninstitutional population by color and sex
June 1971
(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	22,366	11,283	11,084	19,309	9,781	9,529	3,057	1,502	1,555
Total labor force	14,055	8,311	5,744	12,430	7,351	5,078	1,625	960	666
Percent of population	62.8	73.7	51.8	64.4	75.2	53.3	53.2	63.9	42.8
Civilian labor force	12,981	7,257	5,724	11,479	6,417	5,062	1,502	840	663
Employed	10,464	5,931	4,533	9,518	5,381	4,137	945	549	396
Agriculture	742	619	123	674	574	100	68	45	23
Nonagricultural industries	9,722	5,312	4,410	8,845	4,808	4,037	877	504	373
Unemployed	2,517	1,326	1,191	1,960	1,036	925	557	290	266
Percent of labor force	19.4	18.3	20.8	17.1	16.1	18.3	37.1	34.6	40.2
Looking for full-time work	2,023	1,091	932	1,561	845	717	462	246	215
Looking for part-time work	494	235	259	399	191	208	95	44	51
Not in labor force	8,311	2,971	5,340	6,880	2,429	4,450	1,432	542	889
Major activity: going to school									
Civilian labor force	1,453	791	661	1,314	719	595	138	72	66
Employed	1,025	567	458	957	529	427	68	37	31
Agriculture	57	46	11	55	45	10	2	1	1
Nonagricultural industries	968	521	447	902	484	417	66	37	30
Unemployed	428	225	203	358	190	168	70	35	36
Percent of labor force	29.5	28.4	30.7	27.2	26.4	28.2	50.8	48.1	53.8
Looking for full-time work	270	136	134	218	110	108	52	26	26
Looking for part-time work	158	89	69	140	80	59	18	9	10
Not in labor force	3,996	1,869	2,127	3,285	1,552	1,733	711	317	394
Major activity: other									
Civilian labor force	11,528	6,465	5,063	10,164	5,698	4,467	1,364	767	596
Employed	9,439	5,364	4,075	8,562	4,852	3,710	877	512	366
Agriculture	685	573	112	619	529	90	67	44	22
Nonagricultural industries	8,754	4,791	3,963	7,943	4,324	3,620	811	467	343
Unemployed	2,089	1,101	988	1,603	846	757	487	256	231
Percent of labor force	18.1	17.0	19.5	15.8	14.8	16.9	35.7	33.3	38.7
Looking for full-time work	1,753	955	798	1,343	735	609	410	220	189
Looking for part-time work	336	146	190	259	111	148	77	35	42
Not in labor force	4,315	1,102	3,213	3,595	877	2,717	721	225	495

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 1971	June 1970	June 1971	June 1970	June 1971	June 1970	June 1971	June 1970
	Total							
Total noninstitutional population	142,482	140,046	60,722	59,819	66,446	65,332	15,314	14,894
Total labor force	87,784	87,229	50,656	50,355	28,175	27,856	8,953	9,019
Percent of population	61.6	62.3	83.4	84.2	42.4	42.6	58.5	60.6
Civilian labor force	84,968	84,050	48,220	47,603	28,143	27,826	8,605	8,621
Employed	79,478	79,382	46,226	46,019	26,526	26,524	6,726	6,839
Agriculture	3,920	4,208	2,627	2,801	692	770	601	637
Nonagricultural industries	75,559	75,174	43,599	43,218	25,834	25,754	6,126	6,202
Unemployed	5,490	4,668	1,994	1,584	1,617	1,302	1,879	1,782
Percent of labor force	6.5	5.6	4.1	3.3	5.7	4.7	21.8	20.7
Not in labor force	54,698	52,816	10,066	9,465	38,271	37,476	6,361	5,875
White								
Total noninstitutional population	126,870	124,848	54,483	53,729	59,175	58,254	13,212	12,865
Total labor force	77,989	77,358	45,572	45,298	24,438	24,142	7,980	7,918
Percent of population	61.5	62.0	83.6	84.3	41.3	41.4	60.4	61.5
Civilian labor force	75,492	74,493	43,411	42,825	24,409	24,115	7,671	7,553
Employed	71,089	70,833	41,760	41,531	23,113	23,092	6,215	6,210
Agriculture	3,507	3,696	2,348	2,481	615	674	544	540
Nonagricultural industries	67,582	67,137	39,412	39,049	22,498	22,418	5,672	5,670
Unemployed	4,403	3,660	1,651	1,294	1,296	1,023	1,456	1,343
Percent of labor force	5.8	4.9	3.8	3.0	5.3	4.2	19.0	17.8
Not in labor force	48,880	47,490	8,911	8,431	34,737	34,112	5,232	4,947
Negro and other races								
Total noninstitutional population	15,612	15,197	6,239	6,090	7,271	7,078	2,102	2,029
Total labor force	9,795	9,871	5,085	5,056	3,737	3,714	973	1,101
Percent of population	62.7	65.0	81.5	83.0	51.4	52.5	46.3	54.3
Civilian labor force	9,477	9,557	4,809	4,778	3,734	3,711	934	1,068
Employed	8,390	8,549	4,466	4,488	3,413	3,432	511	629
Agriculture	413	512	279	319	77	96	57	97
Nonagricultural industries	7,977	8,037	4,187	4,168	3,336	3,336	454	533
Unemployed	1,087	1,008	343	290	321	279	423	439
Percent of labor force	11.5	10.5	7.1	6.1	8.6	7.5	45.3	41.1
Not in labor force	5,817	5,326	1,155	1,034	3,534	3,365	1,129	928

HOUSEHOLD DATA

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

June 1971
(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 ¹	Unemployed (looking for part-time work)	
		Full- time schedules ¹	Part time for economic reasons	Number	Percent of full-time labor force			Number	Percent of part-time labor force
TOTAL									
16 years and over	74,058	66,503	2,899	4,657	6.3	10,910	10,077	833	7.6
16 to 21 years	9,507	6,422	1,062	2,023	21.3	3,474	2,980	494	14.2
16 to 19 years	5,690	3,429	826	1,435	25.2	2,915	2,472	443	15.2
16 and 17 years	1,971	876	439	656	33.3	1,768	1,475	294	16.6
18 and 19 years	3,718	2,553	386	779	21.0	1,147	997	150	13.0
20 years and over	68,369	63,074	2,073	3,222	4.7	7,994	7,605	389	4.9
20 to 24 years	10,318	8,685	434	1,198	11.6	1,241	1,096	145	11.7
25 years and over	58,051	54,389	1,639	2,024	3.5	6,753	6,509	244	3.6
25 to 54 years	46,132	43,242	1,218	1,671	3.6	4,207	4,050	156	3.7
55 years and over	11,919	11,147	421	352	3.0	2,547	2,458	89	3.5
MALE									
16 years and over	49,484	45,336	1,504	2,644	5.3	3,661	3,332	329	9.0
16 to 21 years	5,489	3,807	591	1,091	19.9	1,768	1,533	235	13.3
16 to 19 years	3,393	2,160	472	760	22.4	1,532	1,314	218	14.2
20 years and over	46,092	43,176	1,032	1,883	4.1	2,129	2,018	111	5.2
20 to 24 years	6,011	5,093	235	683	11.4	509	452	57	11.3
25 years and over	40,081	38,083	797	1,200	3.0	1,620	1,566	54	3.3
25 to 54 years	31,890	30,339	578	973	3.1	511	493	18	3.5
55 years and over	8,191	7,744	219	227	2.8	1,108	1,073	35	3.2
FEMALE									
16 years and over	24,574	21,166	1,395	2,013	8.2	7,249	6,745	504	7.0
16 to 21 years	4,018	2,615	471	932	23.2	1,706	1,447	259	15.2
16 to 19 years	2,297	1,268	354	675	29.4	1,383	1,158	225	16.3
20 years and over	22,277	19,898	1,041	1,338	6.0	5,866	5,587	279	4.8
20 to 24 years	4,307	3,592	199	515	12.0	732	644	88	12.0
25 years and over	17,970	16,306	842	843	4.6	5,134	4,943	191	3.7
25 to 54 years	14,242	12,903	639	699	4.9	3,694	3,557	137	3.7
55 years and over	3,729	3,402	202	125	3.4	1,439	1,385	54	3.8

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

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A- 8: Unemployed persons by sex and age

	Male				Female			
	Thousands of persons		Unemployment rates		Thousands of persons		Unemployment rates	
	June 1971	June 1970	June 1971	June 1970	June 1971	June 1970	June 1971	June 1970
Total, 16 years and over	2,972	2,531	5.6	4.8	2,518	2,137	7.9	6.8
16 to 19 years	978	947	19.9	19.3	900	835	24.5	22.5
16 and 17 years	509	504	22.7	21.5	441	399	29.4	25.5
18 and 19 years	469	444	17.5	17.3	459	436	21.1	20.3
20 years and over	1,994	1,584	4.1	3.3	1,617	1,302	5.7	4.7
20 to 24 years	741	515	11.4	8.6	603	456	12.0	9.4
25 years and over	1,253	1,069	3.0	2.6	1,014	846	4.4	3.7
25 to 34 years	436	396	3.8	3.5	350	279	6.2	5.0
35 to 44 years	296	229	2.9	2.2	260	222	4.5	3.8
45 to 54 years	260	214	2.5	2.1	227	195	3.5	3.0
55 to 64 years	212	165	3.0	2.3	147	119	3.5	2.9
55 to 59 years	126	105	3.0	2.5	97	75	3.9	2.9
60 to 64 years	85	60	2.9	2.0	50	44	3.1	2.8
65 years and over	50	65	2.3	3.0	31	31	3.1	3.0
Household head, 16 years and over	1,264	1,020	3.0	2.4	345	247	5.2	3.9
16 to 24 years	225	145	6.2	4.5	79	39	11.4	6.4
25 to 54 years	792	658	2.6	2.2	199	135	5.3	3.8
55 years and over	247	217	2.8	2.4	67	73	3.1	3.3

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 1971	June 1970	June 1971	June 1970	June 1971	June 1970	June 1971	June 1970
Total, 16 years and over	2,972	2,531	5.6	4.8	2,518	2,137	7.9	6.8
Married, spouse present	1,061	863	2.7	2.2	984	817	5.4	4.5
Widowed, divorced, or separated.....	207	191	7.1	6.7	358	254	6.2	4.4
Single (never married).....	1,704	1,477	15.5	13.8	1,176	1,066	15.0	13.7
Total, 20 to 64 years of age	1,944	1,519	4.2	3.3	1,586	1,271	5.8	4.7
Married, spouse present	1,001	798	2.7	2.2	903	731	5.2	4.2
Widowed, divorced, or separated.....	194	176	7.4	7.0	325	226	6.3	4.5
Single (never married).....	749	545	12.0	9.2	358	314	8.0	7.3
White, 16 years and over	2,410	2,027	5.0	4.3	1,992	1,633	7.2	6.0
Married, spouse present	905	738	2.5	2.1	826	661	5.1	4.1
Widowed, divorced, or separated.....	161	136	6.9	6.1	270	183	5.8	4.0
Single (never married).....	1,345	1,153	14.0	12.4	897	789	13.2	11.7
White, 20 to 64 years of age	1,606	1,240	3.9	3.0	1,266	992	5.4	4.3
Married, spouse present	845	685	2.5	2.0	758	595	4.9	3.8
Widowed, divorced, or separated.....	152	124	7.4	6.2	243	157	5.9	4.0
Single (never married).....	608	431	11.3	8.4	265	239	7.0	6.4
Negro and other races, 16 years and over	562	504	10.5	9.4	525	504	12.7	12.0
Married, spouse present	157	125	4.6	3.7	158	156	8.0	7.9
Widowed, divorced, or separated.....	46	55	7.6	9.1	88	72	7.7	6.0
Single (never married).....	359	324	26.6	23.7	279	277	27.2	27.6
Negro and other races, 20 to 64 years of age	338	278	7.3	6.1	320	279	8.8	7.8
Married, spouse present	155	113	4.8	3.5	145	135	7.6	7.1
Widowed, divorced, or separated.....	42	52	7.5	9.6	82	68	7.7	6.1
Single (never married).....	142	114	17.1	14.4	94	75	14.2	12.8

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

Occupation	Thousands of persons		Unemployment rates					
			Total		Male		Female	
	June 1971	June 1970	June 1971	June 1970	June 1971	June 1970	June 1971	June 1970
Total.....	5,490	4,668	6.5	5.6	5.6	4.8	7.9	6.8
White-collar workers.....	1,487	1,221	3.8	3.1	2.9	2.3	4.8	4.1
Professional and technical.....	395	266	3.5	2.4	3.2	2.2	4.0	2.8
Managers, officials, and proprietors.....	144	112	1.6	1.3	1.5	1.2	2.5	1.8
Clerical workers.....	707	634	5.1	4.4	4.6	3.8	5.2	4.6
Sales workers.....	241	209	4.6	4.1	3.7	3.2	6.0	5.3
Blue-collar workers.....	2,044	1,829	6.8	6.1	6.1	5.4	10.7	9.1
Craftsmen and foremen.....	363	368	3.4	3.5	3.4	3.5	3.6	3.7
Carpenters and other construction craftsmen.....	143	188	4.4	6.3	4.3	6.3	(1)	(1)
All other.....	220	180	2.9	2.4	3.0	2.3	2.9	3.7
Operatives.....	1,169	1,036	8.2	6.9	6.7	5.8	11.5	9.4
Drivers and deliverymen.....	135	118	4.9	4.6	4.9	4.6	5.6	(1)
All other.....	1,034	918	9.0	7.4	7.4	6.1	11.6	9.5
Nonfarm laborers.....	512	425	10.6	9.6	10.7	9.5	8.8	12.5
Construction laborers.....	175	123	15.0	12.0	14.6	11.9	(1)	(1)
All other.....	337	302	9.1	8.9	9.3	8.7	7.1	11.5
Service workers.....	833	610	7.3	6.0	7.6	6.8	7.2	5.6
Private household.....	87	89	5.8	5.6	(1)	(1)	5.9	5.8
All other.....	746	521	7.6	6.1	7.6	6.8	7.5	5.6
Farmers and farm laborers.....	72	72	2.0	1.8	1.7	1.7	3.1	2.3
No previous work experience.....	1,053	938	--	--	--	--	--	--
16 to 19 years.....	902	786	--	--	--	--	--	--
20 to 24 years.....	111	108	--	--	--	--	--	--
25 years and over.....	40	45	--	--	--	--	--	--

¹ Percent not shown where base is less than 100,000.

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

Industry	Percent distribution		Unemployment rates					
			Total		Male		Female	
	June 1971	June 1970	June 1971	June 1970	June 1971	June 1970	June 1971	June 1970
Total.....	100.0	100.0	6.5	5.6	5.6	4.8	7.9	6.8
Private wage and salary workers.....	69.6	69.2	6.2	5.3	5.7	4.9	7.2	6.0
Mining.....	.4	.3	4.1	2.8	3.9	2.9	(1)	(1)
Construction.....	6.4	7.3	8.4	8.5	8.4	8.6	8.1	6.6
Manufacturing.....	24.2	24.5	6.5	5.3	5.2	4.3	9.7	7.8
Durable goods.....	14.3	13.4	6.5	4.9	5.7	4.5	9.9	6.6
Primary metal industries.....	1.4	.9	5.9	3.2	5.7	3.0	8.0	5.4
Fabricated metal products.....	1.7	2.3	6.4	6.0	5.2	6.0	11.9	6.3
Machinery.....	2.7	1.5	7.0	2.9	6.8	2.7	8.1	3.9
Electrical equipment.....	2.3	2.4	6.4	5.2	5.0	3.3	8.6	8.1
Motor vehicles and equipment.....	.6	1.0	3.3	4.1	3.5	3.9	1.9	5.6
All other transportation equipment.....	2.2	2.4	10.8	9.3	9.0	9.2	21.6	10.1
Other durable goods industries.....	3.4	2.8	6.3	4.9	4.9	4.5	10.2	6.5
Nondurable goods.....	9.9	11.1	6.3	5.8	4.3	4.0	9.6	8.6
Food and kindred products.....	2.5	2.7	7.7	7.2	5.7	5.2	13.6	12.8
Textile mill products.....	.9	1.2	4.7	5.4	3.2	3.7	6.6	7.2
Apparel and other finished textile products.....	2.4	2.8	9.2	9.3	6.2	8.1	10.0	9.6
Other nondurable goods industries.....	4.1	4.3	5.2	4.3	3.7	3.2	8.8	6.9
Transportation and public utilities.....	3.0	3.5	3.5	3.5	3.3	3.4	4.1	3.6
Railroads and railway express.....	.3	.3	2.7	2.0	2.6	2.2	(1)	--
Other transportation.....	1.7	2.3	4.8	5.3	4.9	5.6	4.1	3.9
Communication and other public utilities.....	.9	.9	2.5	2.1	1.6	1.2	4.2	3.8
Wholesale and retail trade.....	19.1	17.1	7.1	5.8	6.6	5.0	7.8	6.8
Finance, insurance, and real estate.....	2.7	2.5	3.7	3.1	2.4	2.8	4.9	3.3
Service industries.....	13.8	14.0	6.1	5.3	6.4	5.7	5.8	5.1
Professional services.....	4.5	4.3	4.0	3.4	4.1	4.0	4.0	3.2
All other service industries.....	9.3	9.7	8.0	7.1	8.0	6.8	8.0	7.2
Agricultural wage and salary workers.....	1.4	1.6	5.2	5.0	4.3	4.6	9.2	7.1
All other classes of workers.....	9.7	9.0	2.5	2.0	1.9	1.6	3.5	2.8
No previous work experience.....	19.2	20.1	--	--	--	--	--	--

¹ Percent not shown where base is less than 100,000.

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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 1971	June 1970	June 1971	June 1970	June 1971	June 1970	June 1971	June 1970	June 1971	June 1970	June 1971	June 1970
Unemployment level												
Total unemployed, in thousands	5,490	4,669	1,994	1,584	1,617	1,302	1,879	1,783	4,403	3,660	1,087	1,009
Lost last job	2,026	1,598	1,165	911	663	540	198	147	1,683	1,267	343	331
Left last job	481	565	200	206	193	192	88	167	382	463	99	102
Reentered labor force	1,931	1,567	554	413	685	473	692	682	1,550	1,219	381	349
Never worked before	1,051	939	75	55	76	97	900	786	787	712	264	227
Total unemployed, percent distribution . .	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Lost last job	36.9	34.2	58.5	57.5	41.0	41.4	10.6	8.3	38.2	34.7	31.6	32.8
Left last job	8.8	12.1	10.0	13.0	11.9	14.8	4.7	9.4	8.7	12.6	9.1	10.2
Reentered labor force	35.2	33.6	27.8	26.1	42.4	36.3	36.9	38.3	35.2	33.3	35.1	34.6
Never worked before	19.1	20.1	3.7	3.5	4.7	7.5	47.9	44.1	17.9	19.5	24.3	22.5
Unemployment rate												
Total unemployment rate	6.5	5.6	4.1	3.3	5.7	4.7	21.8	20.7	5.8	4.9	11.5	10.6
Job-loser rate ¹	2.4	1.9	2.4	1.9	2.4	1.9	2.3	1.7	2.2	1.7	3.6	3.5
Job-leaver rate ¹ . . . . .	.6	.7	.4	.4	.7	.7	1.0	1.9	.5	.6	1.0	1.1
Reentrant rate ¹	2.3	1.9	1.1	.9	2.4	1.7	8.0	7.9	2.1	1.6	4.0	3.6
New entrant rate ¹	1.2	1.1	.2	.1	.3	.3	10.5	9.1	1.0	1.0	2.8	2.4

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

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

June 1971
(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	5,490	100.0	54.2	24.5	21.3	11.1	10.2
Lost last job	2,026	100.0	36.5	27.4	36.1	17.4	18.7
Left last job	481	100.0	44.3	31.6	24.1	14.8	9.4
Reentered labor force	1,931	100.0	66.0	21.8	12.2	6.9	5.3
Never worked before	1,051	100.0	71.3	20.6	8.1	4.8	3.3
Male, 20 years and over	1,994	100.0	45.4	24.0	30.6	14.2	16.4
Lost last job	1,165	100.0	36.7	26.0	37.3	17.6	19.7
Left last job	200	100.0	43.0	30.5	26.5	14.0	12.5
Reentered labor force	554	100.0	62.1	18.8	19.1	8.7	10.5
Never worked before	75	100.0	(1)	(1)	(1)	(1)	(1)
Female, 20 years and over	1,617	100.0	45.5	29.4	25.1	13.8	11.3
Lost last job	663	100.0	31.4	30.4	38.2	18.6	19.6
Left last job	193	100.0	39.4	35.8	24.9	15.5	9.3
Reentered labor force	685	100.0	59.1	26.9	14.0	9.1	5.0
Never worked before	76	100.0	(1)	(1)	(1)	(1)	(1)
Both sexes, 16 to 19 years	1,879	100.0	71.2	20.9	7.9	5.3	2.7
Lost last job	198	100.0	52.3	26.1	21.6	12.6	9.0
Left last job	88	100.0	(1)	(1)	(1)	(1)	(1)
Reentered labor force	692	100.0	78.0	19.2	4.8	3.5	1.3
Never worked before	900	100.0	72.8	20.6	6.7	4.2	2.4

¹Percent not shown where base is less than 100,000.

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A-14: Unemployed persons by duration of unemployment

Duration of unemployment	Total				Household head			
	Thousands		Percent distribution		Thousands		Percent distribution	
	June 1971	June 1970	June 1971	June 1970	June 1971	June 1970	June 1971	June 1970
Total	5,490	4,668	100.0	100.0	1,609	1,266	100.0	100.0
Less than 5 weeks	2,976	2,920	54.2	62.6	640	535	39.8	42.3
5 to 14 weeks	1,346	1,091	24.5	23.4	430	424	26.7	33.5
5 to 10 weeks	1,010	800	18.4	17.1	326	310	20.3	24.5
11 to 14 weeks	336	291	6.1	6.2	104	114	6.5	9.0
15 weeks and over	1,167	658	21.3	14.1	539	307	33.5	24.2
15 to 26 weeks	607	426	11.1	9.1	254	185	15.8	14.6
27 weeks and over	560	232	10.2	5.0	285	122	17.7	9.6
Average (mean) duration	10.3	7.6	--	--	14.8	11.2	--	--

A-15: Unemployed persons by duration, sex, age, color, and marital status

June 1971

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 1971	June 1970	June 1971	June 1970
Total	5,490	2,976	1,346	607	560	10.3	54.2	62.5	21.3	14.1
16 to 21 years	2,517	1,736	519	169	94	6.5	69.0	78.7	10.4	4.7
16 to 19 years	1,879	1,336	392	100	50	5.6	71.1	81.0	8.0	4.1
20 to 24 years	1,344	753	327	166	98	9.4	56.1	64.8	19.6	11.0
25 to 44 years	1,340	576	364	193	208	13.1	43.0	47.7	29.9	20.4
45 years and over	927	311	263	148	204	17.0	33.5	39.0	38.1	31.4
Male	2,972	1,580	682	350	361	11.3	53.1	60.6	23.9	15.4
16 to 21 years	1,326	908	261	97	61	7.0	68.4	78.3	11.9	5.8
16 to 19 years	978	675	203	65	35	6.3	69.0	81.7	10.3	4.9
20 to 24 years	741	431	154	93	63	9.9	58.2	62.9	21.0	11.6
25 to 44 years	732	319	176	108	127	13.9	43.6	45.1	32.2	21.0
45 years and over	522	154	149	83	136	19.2	29.5	34.5	41.9	34.7
Female	2,518	1,397	665	258	199	9.1	55.5	64.9	18.1	12.5
16 to 21 years	1,191	828	259	71	33	5.8	69.5	79.2	8.8	3.4
16 to 19 years	900	661	190	34	15	4.8	73.4	80.3	5.5	3.2
20 to 24 years	603	322	172	73	35	8.9	53.5	67.1	17.9	10.4
25 to 44 years	610	257	188	84	79	12.2	42.1	50.9	27.0	19.8
45 years and over	405	157	114	65	69	14.2	38.7	44.7	33.1	27.1
White: Total	4,403	2,348	1,126	472	456	10.2	53.3	61.7	21.1	14.8
Male	2,410	1,248	591	282	289	11.1	51.8	60.5	23.7	15.6
Female	1,992	1,100	535	190	167	9.1	55.2	63.2	17.9	13.7
Negro and other races: Total	1,087	628	220	135	104	10.5	57.8	65.6	22.0	11.6
Male	562	331	91	67	72	12.0	59.0	60.9	24.9	14.7
Female	525	297	129	67	32	9.0	56.5	70.2	18.9	8.5
Male: Married, wife present	1,061	412	286	161	201	15.1	38.9	40.4	34.2	22.4
Widowed, divorced, or separated	207	75	48	31	52	2.4	36.4	44.3	40.4	30.2
Single (never married)	1,704	1,092	348	157	107	8.2	64.1	74.5	15.5	9.4
Female: Married, husband present	984	452	299	115	118	11.2	45.9	55.0	23.7	17.8
Widowed, divorced, or separated	358	165	88	63	41	2.2	46.2	51.2	29.2	19.4
Single (never married)	1,176	780	278	79	40	6.4	66.3	75.7	10.1	6.8

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A-16: Unemployed persons by duration, occupation, and industry of last job
June 1971

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 1971	June 1970	June 1971	June 1970
OCCUPATION										
White-collar workers	1,487	696	447	184	160	11.3	46.8	59.3	23.1	14.8
Professional and managerial	539	239	158	79	63	12.1	44.3	51.9	26.5	19.0
Clerical workers	707	336	219	78	74	11.1	47.5	61.2	21.5	12.9
Sales workers	241	121	70	26	23	10.0	50.3	67.3	20.6	12.7
Blue-collar workers	2,044	968	500	282	295	12.5	47.3	53.2	28.2	19.3
Craftsmen and foremen	363	163	73	54	73	15.5	45.0	43.9	34.9	22.2
Operatives	1,169	534	302	181	153	12.1	45.6	52.5	28.6	18.9
Nonfarm laborers	512	271	125	47	69	11.2	52.9	62.7	22.7	18.0
Service workers	833	504	177	87	66	8.8	60.4	66.8	18.3	10.9
INDUSTRY¹										
Agriculture	79	62	7	5	5	5.9	78.1	(2)	12.5	(2)
Construction	372	200	95	44	34	10.1	53.6	57.3	20.9	21.6
Manufacturing	1,336	568	344	205	220	13.5	42.5	48.8	31.8	21.3
Durable goods	789	311	215	108	154	14.7	39.4	42.8	33.2	24.3
Nondurable goods	548	257	128	97	66	11.9	46.9	56.0	29.7	17.6
Transportation and public utilities	182	89	42	31	20	11.1	48.9	50.0	28.2	15.3
Wholesale and retail trade	1,061	565	260	136	101	10.3	53.2	61.8	22.3	13.3
Finance and service industries	1,188	639	329	114	106	9.1	53.8	64.3	18.6	12.3
Public administration	132	68	30	12	22	14.0	51.8	63.4	25.7	11.5
No previous work experience	1,053	749	219	50	35	6.1	71.2	81.7	8.0	4.5

¹Includes wage and salary workers only.

²Percent not shown where base is less than 100,000.

A-17: Employed persons by sex and age
(In thousands)

Age and type of industry	Total		Male		Female	
	June 1971	June 1970	June 1971	June 1970	June 1971	June 1970
	All industries	79,478	79,382	50,173	49,987	29,306	29,395
16 and 17 years	6,726	6,839	3,947	3,968	2,780	2,871
18 and 19 years	2,790	3,005	1,730	1,842	1,060	1,163
20 to 24 years	3,937	3,835	2,217	2,126	1,720	1,709
25 to 34 years	10,215	9,862	5,779	5,462	4,436	4,400
35 to 44 years	48,511	48,523	31,409	31,429	17,101	17,094
45 to 54 years	16,495	16,195	11,157	10,935	5,338	5,260
55 to 64 years	15,559	15,874	10,025	10,275	5,533	5,599
65 years and over	16,457	16,454	10,227	10,219	6,230	6,235
Nonagricultural industries	10,931	11,014	6,932	6,993	3,999	4,021
16 and 17 years	6,524	6,610	4,106	4,119	2,418	2,491
18 and 19 years	4,407	4,404	2,826	2,875	1,581	1,530
20 to 24 years	3,095	3,142	2,105	2,134	990	1,008
25 to 34 years	75,559	75,174	47,050	46,646	28,508	28,528
35 to 44 years	6,126	6,202	3,451	3,428	2,674	2,774
45 to 54 years	2,447	2,608	1,445	1,511	1,002	1,097
55 to 64 years	3,679	3,594	2,006	1,917	1,673	1,677
65 years and over	9,906	9,570	5,521	5,219	4,385	4,351
Agriculture	46,649	46,525	30,013	29,968	16,637	16,558
16 and 17 years	15,958	15,654	10,749	10,536	5,210	5,118
18 and 19 years	14,976	15,229	9,591	9,813	5,385	5,417
20 to 24 years	15,715	15,642	9,673	9,619	6,042	6,023
25 to 34 years	10,243	10,257	6,372	6,376	3,871	3,882
35 to 44 years	6,143	6,224	3,805	3,818	2,338	2,406
45 to 54 years	4,100	4,034	2,568	2,558	1,533	1,476
55 to 64 years	2,634	2,618	1,692	1,655	942	963
65 years and over	3,920	4,208	3,122	3,341	797	867
Nonagricultural industries	601	637	495	540	105	97
16 and 17 years	343	397	284	330	58	66
18 and 19 years	258	240	211	209	47	31
20 to 24 years	309	292	259	243	50	49
25 to 34 years	1,862	1,996	1,396	1,461	466	535
35 to 44 years	537	540	408	399	128	141
45 to 54 years	583	644	434	462	149	182
55 to 64 years	742	812	554	600	189	212
65 years and over	688	757	560	617	128	139
Agriculture	381	386	301	301	80	86
16 and 17 years	307	370	258	317	48	54
18 and 19 years	461	525	412	479	48	46

HOUSEHOLD DATA

A-18: Employed persons by occupation 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 1971	June 1970	June 1971	June 1970	June 1971	June 1970	June 1971	June 1970	June 1971	June 1970
Total	79,478	79,382	46,226	46,019	26,526	26,524	3,947	3,968	2,780	2,871
White-collar workers	37,609	37,752	19,329	19,461	16,223	16,064	682	724	1,374	1,503
Professional and technical	10,797	10,728	6,637	6,731	4,013	3,841	87	81	61	74
Medical and other health	1,759	1,694	661	685	1,076	978	3	1	20	29
Teachers, except college	2,452	2,257	720	737	1,714	1,509	6	5	12	6
Other professional and technical	6,587	6,777	5,256	5,309	1,224	1,354	78	75	29	40
Managers, officials, and proprietors	8,631	8,335	7,085	6,999	1,496	1,300	38	26	12	10
Salaried workers	6,429	6,101	5,331	5,182	1,057	882	30	26	11	10
Self-employed workers in retail trade	1,118	1,114	824	852	286	261	6	--	1	1
Self-employed workers, except retail trade	1,084	1,120	929	964	153	158	2	--	--	--
Clerical workers	13,237	13,819	2,954	3,247	8,998	9,147	302	322	982	1,103
Stenographers, typists, and secretaries	3,558	3,596	67	48	3,249	3,230	13	5	230	313
Other clerical workers	9,679	10,223	2,887	3,199	5,749	5,917	290	316	753	790
Sales workers	4,943	4,870	2,654	2,483	1,716	1,776	255	295	318	316
Retail trade	2,896	2,991	942	938	1,448	1,538	204	234	302	281
Other sales workers	2,047	1,879	1,712	1,545	268	238	51	61	17	34
Blue-collar workers	27,822	28,251	21,177	21,324	4,219	4,445	2,173	2,204	253	279
Craftsmen and foremen	10,383	10,260	9,680	9,649	347	298	344	299	13	15
Carpenters	943	847	874	824	7	1	61	20	--	1
Construction craftsmen, except carpenters	2,200	1,964	2,097	1,868	9	20	89	73	5	3
Mechanics and repairmen	2,384	2,749	2,262	2,597	15	28	104	124	2	1
Metal craftsmen, except mechanics	1,227	1,220	1,183	1,197	16	9	27	15	--	--
Other craftsmen and kindred workers	2,212	1,954	1,945	1,753	208	134	54	56	6	11
Foremen, not elsewhere classified	1,418	1,527	1,318	1,409	91	107	9	11	--	--
Operatives	13,098	13,983	8,420	8,824	3,657	4,036	821	890	199	233
Drivers and deliverymen	2,621	2,443	2,389	2,245	95	80	133	110	3	7
Other operatives	10,477	11,540	6,031	6,579	3,562	3,956	688	780	196	226
Durable goods manufacturing	4,635	4,739	3,225	3,203	1,140	1,282	213	204	57	52
Nondurable goods manufacturing	3,620	3,830	1,538	1,568	1,842	2,014	133	130	108	119
Other industries	2,222	2,971	1,267	1,808	580	660	342	447	32	56
Nonfarm laborers	4,340	4,008	3,077	2,851	214	111	1,008	1,015	41	31
Construction	989	901	774	709	5	3	210	189	--	--
Manufacturing	1,011	1,067	836	850	52	57	115	154	9	6
Other industries	2,340	2,040	1,468	1,292	157	51	682	673	33	25
Service workers	10,521	9,539	3,348	2,670	5,459	5,312	656	555	1,058	1,002
Private household workers	1,403	1,488	23	28	1,057	1,145	3	10	320	306
Service workers, except private household ..	9,118	8,051	3,326	2,642	4,402	4,168	653	546	738	696
Protective service workers	1,033	961	978	870	43	49	12	21	--	21
Waiters, cooks, and bartenders	2,312	2,238	466	398	1,320	1,319	155	150	371	371
Other service workers	5,773	4,853	1,882	1,375	3,039	2,800	485	374	367	304
Farm workers	3,527	3,838	2,372	2,564	625	702	435	485	95	88
Farmers and farm managers	1,763	1,938	1,636	1,806	101	111	17	21	9	--
Farm laborers and foremen	1,764	1,900	735	757	524	591	418	464	86	88
Paid workers	1,137	1,160	673	688	150	140	272	291	42	41
Unpaid family workers	627	740	62	69	375	452	146	172	44	47

NOTE: Comparisons with data prior to January 1971 are affected by the reclassification of census occupations that was introduced in that month. For an explanation of the changes, see "Revisions in Occupational Classifications for 1971" in the February 1971 issue of Employment and Earnings.

HOUSEHOLD DATA

A-19: Employed persons by major occupation group, sex, and color

(Percent distribution)

Occupation group and color	Total		Male		Female	
	June 1971	June 1970	June 1971	June 1970	June 1971	June 1970
Total						
Total employed (thousands)	79,478	79,382	50,173	49,987	29,306	29,395
Percent	100.0	100.0	100.0	100.0	100.0	100.0
White-collar workers	47.3	47.6	39.9	40.4	60.0	59.8
Professional and technical	13.6	13.5	13.4	13.6	13.9	13.3
Managers, officials, and proprietors	10.9	10.5	14.2	14.1	5.1	4.5
Clerical workers	16.7	17.4	6.5	7.1	34.1	34.9
Sales workers	6.2	6.1	5.8	5.6	6.9	7.1
Blue-collar workers	35.0	35.6	46.5	47.1	15.3	16.1
Craftsmen and foremen	13.1	12.9	20.0	19.9	1.2	1.1
Operatives	16.5	17.6	18.4	19.4	13.2	14.5
Nonfarm laborers	5.5	5.0	8.1	7.7	.9	.5
Service workers	13.2	12.0	8.0	6.5	22.2	21.5
Private household workers	1.8	1.9	(1)	.1	4.7	4.9
Other service workers	11.5	10.1	7.9	6.4	17.5	16.5
Farm workers	4.4	4.8	5.6	6.1	2.5	2.7
Farmers and farm managers	2.2	2.4	3.3	3.7	.4	.4
Farm laborers and foremen	2.2	2.4	2.3	2.4	2.1	2.3
White						
Total employed (thousands)	71,089	70,833	45,391	45,118	25,698	25,715
Percent	100.0	100.0	100.0	100.0	100.0	100.0
White-collar workers	49.6	50.0	41.8	42.4	63.4	63.3
Professional and technical	14.2	14.1	14.1	14.3	14.4	13.8
Managers, officials, and proprietors	11.7	11.3	15.1	15.1	5.5	4.8
Clerical workers	17.1	17.9	6.4	7.1	35.9	36.9
Sales workers	6.7	6.6	6.2	6.0	7.6	7.8
Blue-collar workers	34.3	34.9	45.4	45.9	14.8	15.6
Craftsmen and foremen	13.6	13.6	20.6	20.6	1.3	1.1
Operatives	15.9	16.9	17.6	18.6	12.7	14.0
Nonfarm laborers	4.8	4.4	7.1	6.7	.8	.5
Service workers	11.6	10.4	7.2	5.7	19.4	18.5
Private household workers	1.1	1.2	(1)	(1)	3.1	3.1
Other service workers	10.5	9.2	7.2	5.7	16.3	15.4
Farm workers	4.4	4.8	5.6	6.0	2.4	2.6
Farmers and farm managers	2.4	2.6	3.5	3.8	.4	.4
Farm laborers and foremen	2.1	2.2	2.1	2.1	2.0	2.2
Negro and other races						
Total employed (thousands)	8,390	8,549	4,782	4,869	3,608	3,680
Percent	100.0	100.0	100.0	100.0	100.0	100.0
White-collar workers	27.8	27.5	21.4	21.8	36.3	35.1
Professional and technical	8.5	8.7	7.0	7.8	10.4	9.8
Managers, officials, and proprietors	4.1	3.5	5.4	4.8	2.4	1.9
Clerical workers	13.1	13.4	7.0	7.7	21.2	20.9
Sales workers	2.1	2.0	2.0	1.5	2.3	2.5
Blue-collar workers	40.7	41.4	57.5	57.9	18.4	19.6
Craftsmen and foremen	8.3	7.7	13.8	13.0	1.1	.7
Operatives	21.7	23.6	25.9	27.5	16.1	18.4
Nonfarm laborers	10.7	10.1	17.7	17.4	1.3	.5
Service workers	27.2	25.5	15.5	13.1	42.7	42.0
Private household workers	7.2	7.7	.2	.3	16.4	17.4
Other service workers	20.0	17.9	15.3	12.8	26.3	24.6
Farm workers	4.3	5.5	5.7	7.3	2.5	3.2
Farmers and farm managers .....	.8	1.3	1.3	2.0	.2	.2
Farm laborers and foremen	3.5	4.3	4.4	5.3	2.3	3.0

NOTE: Comparisons with data prior to January 1971 are affected by the reclassification of census occupations that was introduced in that month. For an explanation of the changes, see "Revisions in Occupational Classifications for 1971" in the February 1971 issue of Employment and Earnings.

¹Less than 0.05.

HOUSEHOLD DATA

A-20: Employed persons by class of worker, sex, and age
June 1971
(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					
Total	69,692	1,686	12,240	55,766	5,329	537	1,436	1,843	641
16 to 19 years	5,996	439	485	5,071	83	47	372	38	190
16 and 17 years	2,374	342	181	1,851	40	32	201	17	124
18 and 19 years	3,621	97	304	3,220	43	14	171	21	66
20 to 24 years	9,668	80	1,466	8,122	200	38	187	60	61
25 to 34 years	15,030	134	2,657	12,240	860	68	231	229	77
35 to 44 years	13,738	200	2,637	10,901	1,119	119	197	294	92
45 to 54 years	14,158	293	2,918	10,947	1,422	134	202	426	115
55 to 64 years	9,040	332	1,774	6,934	1,108	95	148	462	78
55 to 59 years	5,425	173	1,078	4,174	653	65	79	256	46
60 to 64 years	3,615	159	695	2,760	455	30	69	205	32
65 years and over	2,062	207	303	1,551	537	36	100	333	28
Male	42,926	255	6,769	35,901	4,046	79	1,183	1,729	210
16 to 19 years	3,365	115	248	3,003	49	37	319	30	146
16 and 17 years	1,392	94	115	1,183	27	27	168	16	101
18 and 19 years	1,974	21	133	1,820	22	10	151	14	46
20 to 24 years	5,364	12	658	4,694	142	15	160	61	38
25 to 34 years	10,097	15	1,507	8,574	645	7	186	215	8
35 to 44 years	8,715	16	1,506	7,194	872	4	155	277	2
45 to 54 years	8,585	21	1,682	6,882	1,086	3	146	404	4
55 to 64 years	5,531	33	962	4,535	838	3	127	431	2
55 to 59 years	3,297	12	587	2,698	506	2	67	234	1
60 to 64 years	2,234	21	375	1,837	333	1	60	197	1
65 years and over	1,268	43	207	1,019	414	10	90	313	9
Female	26,767	1,431	5,471	19,865	1,283	458	253	113	431
16 to 19 years	2,631	325	237	2,069	34	10	53	9	44
16 and 17 years	983	248	66	668	13	5	33	2	24
18 and 19 years	1,648	76	171	1,400	21	4	20	7	20
20 to 24 years	4,304	68	808	3,427	58	23	27	--	23
25 to 34 years	4,933	119	1,149	3,666	215	61	45	14	69
35 to 44 years	5,023	184	1,132	3,708	247	115	41	18	90
45 to 54 years	5,574	273	1,237	4,065	337	131	56	22	111
55 to 64 years	3,509	299	812	2,399	269	92	21	31	76
55 to 59 years	2,128	160	492	1,476	147	63	12	22	45
60 to 64 years	1,381	138	320	923	122	29	9	8	31
65 years and over	793	164	97	532	123	26	10	20	19

HOUSEHOLD DATA

A-21: 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 1971	June 1970	Total		Wage and salary workers ¹			
			June 1971	June 1970	Paid absence ²		Unpaid absence ²	
					June 1971	June 1970	June 1971	June 1970
Total	5,197	5,456	5,120	5,378	2,634	2,791	2,065	2,194
Vacation	3,106	3,307	3,087	3,286	2,122	2,231	830	901
Illness	1,148	1,189	1,119	1,162	379	411	631	645
Bad weather	23	29	20	18	--	--	--	--
Industrial dispute	111	185	110	185	--	--	--	--
All other reasons	808	745	784	727	133	148	605	648
Male	2,710	2,972	2,642	2,906	1,506	1,705	904	979
Vacation	1,524	1,702	1,511	1,684	1,177	1,331	264	272
Illness	702	732	674	707	248	267	355	374
All other reasons	484	538	457	515	81	107	285	333
Female	2,487	2,484	2,478	2,472	1,127	1,086	1,162	1,214
Vacation	1,582	1,605	1,576	1,602	944	901	566	629
Illness	446	458	445	455	131	144	276	271
All other reasons	459	421	457	415	52	41	320	314

¹Excludes private household.

²Pay status not available separately for bad weather and industrial dispute; these categories are included in all other reasons.

A-22: Persons at work by type of industry and hours of work

June 1971

Hours of work	Thousands of persons			Percent distribution		
	All industries	Nonagri-cultural industries	Agri-culture	All industries	Nonagri-cultural industries	Agri-culture
Total at work	74,282	70,438	3,843	100.0	100.0	100.0
1-34 hours	15,748	14,646	1,101	21.2	20.8	28.6
1-4 hours	695	636	58	.9	.9	1.5
5-14 hours	3,208	2,959	249	4.3	4.2	6.5
15-29 hours	7,391	6,791	600	9.9	9.6	15.6
30-34 hours	4,454	4,260	194	6.0	6.0	5.0
35 hours and over	58,534	55,792	2,742	78.8	79.2	71.4
35-39 hours	5,440	5,297	143	7.3	7.5	3.7
40 hours	31,831	31,426	405	42.9	44.6	10.5
41 hours and over	21,263	19,069	2,194	28.6	27.1	57.1
41 to 48 hours	8,565	8,273	292	11.5	11.7	7.6
49 to 59 hours	6,423	5,976	448	8.6	8.5	11.7
60 hours and over	6,275	4,820	1,454	8.4	6.8	37.8
Average hours, total at work	39.9	39.4	49.1	--	--	--
Average hours, workers on full-time schedules	43.9	43.2	59.0	--	--	--

HOUSEHOLD DATA

A-23: Persons at work 1-34 hours by usual status and reason working part-time

June 1971

(In thousands)

Reasons working part time	All industries			Nonagricultural industries		
	Total	Usually work full time	Usually work part time	Total	Usually work full time	Usually work part time
Total.....	15,748	4,911	10,837	14,647	4,680	9,967
Economic reasons.....	2,899	1,210	1,689	2,657	1,142	1,515
Slack work.....	1,246	784	462	1,124	730	394
Material shortages or repairs to plant and equipment.....	61	61	--	55	55	--
New job started during week.....	247	247	--	241	241	--
Job terminated during week.....	118	118	--	116	116	--
Could find only part-time work.....	1,227	--	1,227	1,121	--	1,121
Other reasons.....	12,849	3,702	9,147	11,990	3,538	8,452
Does not want, or unavailable for, full-time work.....	6,891	--	6,891	6,412	--	6,412
Vacation.....	707	707	--	691	691	--
Illness.....	1,482	1,219	263	1,389	1,195	194
Bad weather.....	263	263	--	181	181	--
Industrial dispute.....	55	55	--	54	54	--
Legal or religious holiday.....	141	141	--	140	140	--
Full time for this job.....	1,507	--	1,507	1,436	--	1,436
All other reasons.....	1,803	1,317	486	1,688	1,278	410
Average hours:						
Economic reasons.....	20.6	23.9	18.2	20.8	24.1	18.4
Other reasons.....	20.8	26.1	18.6	20.9	26.3	18.6
Worked 30 to 34 hours:						
Economic reasons.....	799	509	290	761	492	269
Other reasons.....	3,655	1,971	1,684	3,499	1,928	1,571

A-24: Nonagricultural workers by industry and full- or part-time status

June 1971

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 ^{1/}	100.0	3.8	12.0	84.2	57.2	11.7	15.3	39.4	43.2
Wage and salary workers.....	100.0	3.8	11.7	84.6	59.7	11.9	13.1	38.9	42.4
Construction.....	100.0	6.5	3.7	89.7	65.7	12.1	12.0	39.6	41.8
Manufacturing.....	100.0	2.7	2.4	94.8	68.5	14.3	12.1	41.0	42.0
Durable goods.....	100.0	1.9	1.5	96.6	70.4	14.1	12.1	41.3	42.0
Nondurable goods.....	100.0	4.0	3.7	92.3	65.7	14.7	12.0	40.4	42.0
Transportation and public utilities.....	100.0	2.0	4.2	93.8	66.1	12.2	15.5	41.7	43.1
Wholesale and retail trade.....	100.0	5.2	21.1	73.7	43.9	13.8	16.0	37.6	44.0
Finance, insurance, and real estate.....	100.0	1.5	9.5	89.1	66.8	9.6	12.8	39.2	41.7
Service industries.....	100.0	4.8	21.1	74.2	53.9	8.6	11.7	35.8	42.2
Private households.....	100.0	16.7	51.4	31.9	19.9	5.6	6.4	23.9	45.8
All other service.....	100.0	3.4	17.7	78.8	57.6	8.9	12.3	37.1	42.0
Public administration.....	100.0	1.1	5.2	93.7	74.3	7.8	11.6	40.5	42.0
Self-employed workers.....	100.0	4.2	14.2	81.7	28.0	10.7	42.9	45.6	52.0
Unpaid family workers.....	100.0	2.4	33.1	64.2	24.6	8.6	31.1	41.3	52.1

^{1/}Mining not shown separately but included in totals.

HOUSEHOLD DATA

A-25: Persons at work in nonagricultural industries by full- or part-time status, sex, age, color, and marital status

June 1971

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)								
TOTAL								
Total, 16 years and over.....	70,438	2,657	8,452	59,329	40,260	19,069	39.4	43.2
16 to 21 years.....	9,292	961	2,613	5,718	4,330	1,388	31.9	41.0
16 to 19 years.....	5,860	738	2,166	2,956	2,193	763	28.9	40.9
16 and 17 years.....	2,378	384	1,311	683	484	199	22.5	40.6
18 and 19 years.....	3,482	354	854	2,274	1,711	563	33.4	41.0
20 years and over.....	64,579	1,919	6,286	56,374	38,068	18,306	40.3	43.3
20 to 24 years.....	9,292	411	965	7,916	5,919	1,997	38.5	41.6
25 years and over.....	55,287	1,508	5,321	48,458	32,149	16,309	40.6	43.6
25 to 44 years.....	28,791	713	2,282	25,796	16,792	9,004	41.2	43.7
45 to 64 years.....	24,097	701	2,106	21,290	14,450	6,840	40.7	43.4
65 years and over.....	2,399	93	932	1,374	910	464	32.3	44.1
Males, 16 years and over								
16 to 21 years.....	44,408	1,345	2,646	40,417	24,712	15,705	42.2	44.4
16 to 19 years.....	5,085	518	1,311	3,256	2,186	1,070	33.5	42.3
16 and 17 years.....	3,303	407	1,119	1,777	1,182	595	30.6	42.1
18 and 19 years.....	1,405	230	707	468	322	146	24.3	41.4
20 years and over.....	1,898	177	412	1,309	860	449	35.3	42.3
20 to 24 years.....	41,106	938	1,527	38,641	23,530	15,111	43.1	44.5
25 years and over.....	5,249	220	402	4,627	3,057	1,570	40.5	43.2
25 to 44 years.....	35,857	718	1,125	34,014	20,473	13,541	43.5	44.7
45 to 64 years.....	19,232	339	242	18,651	10,868	7,783	44.4	45.0
65 years and over.....	15,077	327	340	14,410	8,984	5,426	43.4	44.4
	1,547	51	542	954	623	331	33.5	43.8
Females, 16 years and over								
16 to 21 years.....	26,030	1,312	5,805	18,913	15,549	3,364	34.6	40.4
16 to 19 years.....	4,207	443	1,302	2,462	2,144	318	30.0	39.3
16 and 17 years.....	2,557	331	1,046	1,180	1,011	169	26.8	39.1
18 and 19 years.....	973	154	604	215	162	53	19.9	38.8
20 years and over.....	1,584	177	442	965	850	115	31.1	39.2
20 to 24 years.....	23,473	981	4,759	17,733	14,538	3,195	35.4	40.5
25 years and over.....	4,042	191	563	3,288	2,861	427	36.0	39.5
25 to 44 years.....	19,431	790	4,196	14,445	11,677	2,768	35.3	40.7
45 to 64 years.....	9,559	373	2,040	7,146	5,925	1,221	34.9	40.1
65 years and over.....	9,020	374	1,765	6,881	5,466	1,415	36.2	41.1
	852	42	390	420	287	133	30.1	44.7
COLOR								
White								
Male.....	63,021	2,177	7,672	53,172	35,351	17,821	39.6	43.4
Female.....	40,213	1,115	2,438	36,660	21,885	14,775	42.4	44.7
Negro and other races								
Male.....	22,808	1,061	5,234	16,513	13,467	3,046	34.6	40.5
Female.....	7,417	481	780	6,156	4,908	1,248	37.5	41.1
Male.....	4,195	229	208	3,758	2,828	930	39.7	42.0
Female.....	3,222	250	571	2,401	2,083	318	34.5	39.6
MARITAL STATUS								
Male:								
Married, wife present.....	34,022	600	942	32,480	19,272	13,208	43.8	44.8
Widowed, divorced, or separated.....	2,388	84	166	2,138	1,405	733	40.9	43.5
Single (never married).....	7,998	662	1,538	5,798	4,036	1,762	35.8	42.6
Female:								
Married, husband present.....	14,936	582	3,600	10,754	8,847	1,907	34.6	40.4
Widowed, divorced, or separated.....	4,971	270	795	3,906	3,073	833	36.3	40.9
Single (never married).....	6,123	460	1,411	4,252	3,629	623	32.9	39.9

HOUSEHOLD DATA

A-25: Persons at work in nonagricultural industries by full- or part-time status, sex, age, color, and marital status--Continued

Age, sex, color and marital status	June 1971					
	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)						
TOTAL						
Total, 16 years and over.....	100.0	3.8	12.0	84.2	57.2	27.1
16 to 21 years.....	100.0	10.3	28.1	61.5	46.6	14.9
16 to 19 years.....	100.0	12.6	37.0	50.4	37.4	13.0
16 and 17 years.....	100.0	16.1	55.1	28.7	20.4	8.4
18 and 19 years.....	100.0	10.2	24.5	65.3	49.1	16.2
20 years and over.....	100.0	3.0	9.7	87.3	58.9	28.3
20 to 24 years.....	100.0	4.4	10.4	85.2	63.7	21.5
25 years and over.....	100.0	2.7	9.6	87.6	58.1	29.5
25 to 44 years.....	100.0	2.5	7.9	89.6	58.3	31.3
45 to 64 years.....	100.0	2.9	8.7	88.4	60.0	28.4
65 years and over.....	100.0	3.9	38.8	57.3	37.9	19.3
Males, 16 years and over.....	100.0	3.0	6.0	91.0	55.6	35.4
16 to 21 years.....	100.0	10.2	25.8	64.0	43.0	21.0
16 and 19 years.....	100.0	12.3	33.9	53.8	35.8	18.0
16 and 17 years.....	100.0	16.4	50.3	33.3	22.9	10.4
18 and 19 years.....	100.0	9.3	21.7	69.0	45.3	23.7
20 years and over.....	100.0	2.3	3.7	94.0	57.2	36.8
20 to 24 years.....	100.0	4.2	7.7	88.2	58.2	29.9
25 years and over.....	100.0	2.0	3.1	94.9	57.1	37.8
25 to 44 years.....	100.0	1.8	1.3	97.0	56.5	40.5
45 to 64 years.....	100.0	2.2	2.3	95.6	59.6	36.0
65 years and over.....	100.0	3.3	35.0	61.7	40.3	21.4
Females, 16 years and over.....	100.0	5.0	22.3	72.7	59.7	12.9
16 to 21 years.....	100.0	10.5	30.9	58.5	51.0	7.6
16 to 19 years.....	100.0	12.9	40.9	46.1	39.5	6.6
16 and 17 years.....	100.0	15.8	62.1	22.1	16.6	5.4
18 and 19 years.....	100.0	11.2	27.9	60.9	53.7	7.3
20 years and over.....	100.0	4.2	20.3	75.5	61.9	13.6
20 to 24 years.....	100.0	4.7	13.9	81.3	70.8	10.6
25 years and over.....	100.0	4.1	21.6	74.3	60.1	14.2
25 to 44 years.....	100.0	3.9	21.3	74.8	62.0	12.8
45 to 64 years.....	100.0	4.1	19.6	76.3	60.6	15.7
65 years and over.....	100.0	4.9	45.8	49.3	33.7	15.6
COLOR						
White.....	100.0	3.5	12.2	84.4	56.1	28.3
Male.....	100.0	2.8	6.1	91.2	54.4	36.7
Female.....	100.0	4.7	22.9	72.4	59.0	13.4
Negro and other races.....	100.0	6.5	10.5	83.0	66.2	16.8
Male.....	100.0	5.5	5.0	89.6	67.4	22.2
Female.....	100.0	7.8	17.7	74.5	64.6	9.9
MARITAL STATUS						
Male:						
Married, wife present.....	100.0	1.8	2.8	95.5	56.6	38.8
Widowed, divorced, or separated.....	100.0	3.5	7.0	89.5	58.8	30.7
Single (never married).....	100.0	8.3	19.2	72.5	50.5	22.0
Female:						
Married, husband present.....	100.0	3.9	24.1	72.0	59.2	12.8
Widowed, divorced, or separated.....	100.0	5.4	16.0	78.6	61.8	16.8
Single (never married).....	100.0	7.5	23.0	69.4	59.3	10.2

HOUSEHOLD DATA

A-26: Persons at work in nonfarm occupations by full- or part-time status and sex

June 1971

Occupation 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)					
TOTAL									
White-collar workers.....	34,810	694	4,299	29,817	19,815	3,592	6,411	40.2	43.7
Professional and technical.....	9,465	132	956	8,377	5,687	975	1,715	40.1	43.0
Managers, officials, and proprietors.....	8,201	59	322	7,820	3,346	1,219	3,255	47.7	49.1
Clerical workers.....	12,473	295	1,934	10,244	8,802	892	549	36.3	39.9
Sales workers.....	4,671	207	1,087	3,377	1,978	506	893	37.4	44.3
Blue-collar workers.....	26,158	1,298	1,451	23,409	16,121	3,763	3,525	40.2	42.5
Craftsmen and foremen.....	9,817	325	266	9,226	6,116	1,563	1,547	41.6	43.0
Operatives.....	12,225	579	580	11,066	7,713	1,715	1,638	40.5	42.5
Nonfarm laborers.....	4,117	394	606	3,117	2,291	486	340	35.8	41.6
Service workers.....	9,852	690	2,774	6,388	4,471	956	961	34.3	43.0
Private household.....	1,341	208	683	450	289	82	79	24.7	44.9
Other service workers.....	8,511	482	2,092	5,937	4,181	874	882	35.8	42.9
MALE									
White-collar workers.....	18,916	243	1,049	17,624	9,636	2,553	5,435	44.2	46.1
Professional and technical.....	6,210	71	282	5,857	3,689	736	1,432	42.9	44.3
Managers, officials, and proprietors.....	6,806	39	163	6,604	2,656	1,032	2,916	48.7	49.6
Clerical workers.....	3,089	59	298	2,732	2,073	361	298	39.0	41.6
Sales workers.....	2,811	74	305	2,432	1,218	424	790	42.2	45.8
Blue-collar workers.....	22,004	964	1,062	19,978	13,252	3,365	3,361	40.9	43.0
Craftsmen and foremen.....	9,491	308	217	8,966	5,907	1,532	1,528	41.8	43.0
Operatives.....	8,634	282	304	8,048	5,181	1,361	1,506	42.1	43.5
Nonfarm laborers.....	3,879	375	542	2,962	2,163	472	327	35.9	41.6
Service workers.....	3,796	161	584	3,051	1,938	526	587	39.3	44.3
Private household.....	25	--	12	13	7	2	4	33.5	47.7
Other service workers.....	3,771	161	572	3,038	1,932	524	582	39.3	44.3
FEMALE									
White-collar workers.....	15,894	450	3,250	12,194	10,179	1,039	976	35.3	40.2
Professional and technical.....	3,255	61	673	2,521	1,999	238	284	34.9	40.1
Managers, officials, and proprietors.....	1,396	19	159	1,218	691	187	340	42.7	46.2
Clerical workers.....	9,384	236	1,636	7,512	6,730	531	251	35.4	39.3
Sales workers.....	1,860	134	782	944	760	82	102	30.0	40.4
Blue-collar workers.....	4,154	334	389	3,431	2,868	399	164	36.7	39.8
Craftsmen and foremen.....	325	18	49	258	208	31	19	35.9	40.0
Operatives.....	3,591	298	276	3,017	2,531	354	133	36.9	39.7
Nonfarm laborers.....	238	19	64	155	128	14	13	34.0	41.6
Service workers.....	6,056	529	2,191	3,336	2,531	430	375	31.2	41.8
Private household.....	1,316	209	671	436	280	80	76	24.5	44.8
Other service workers.....	4,740	320	1,520	2,900	2,251	350	299	33.0	41.4

HOUSEHOLD DATA

A-26: Persons at work in nonfarm occupations by full- or part-time status and sex--Continued

June 1971

Occupation group and sex	Total at work	On part time for economic reasons	On voluntary part time	On full-time schedules			
				Total	40 hours or less	41 to 48 hours	49 hours or more
(Percent distribution)							
TOTAL							
White-collar workers	100.0	2.0	12.3	85.7	56.9	10.3	18.4
Professional and technical	100.0	1.4	10.1	88.5	60.1	10.3	18.1
Managers, officials, and proprietors	100.0	.7	3.9	95.4	40.8	14.9	39.7
Clerical workers	100.0	2.4	15.5	82.1	70.6	7.2	4.4
Sales workers	100.0	4.4	23.3	72.3	42.3	10.8	19.1
Blue-collar workers	100.0	5.0	5.5	89.5	61.6	14.4	13.5
Craftsmen and foremen	100.0	3.3	2.7	94.0	62.3	15.9	15.8
Operatives	100.0	4.7	4.7	90.5	63.1	14.0	13.4
Nonfarm laborers	100.0	9.6	14.7	75.7	55.6	11.8	8.3
Service workers	100.0	7.0	28.2	64.8	45.4	9.7	9.8
Private household	100.0	15.5	50.9	33.6	21.6	6.1	5.9
Other service workers	100.0	5.7	24.6	69.8	49.1	10.3	10.4
MALE							
White-collar workers	100.0	1.3	5.5	93.2	50.9	13.5	28.7
Professional and technical	100.0	1.1	4.5	94.3	59.4	11.9	23.1
Managers, officials, and proprietors	100.0	.6	2.4	97.0	39.0	15.2	42.8
Clerical workers	100.0	1.9	9.6	88.4	67.1	11.7	9.6
Sales workers	100.0	2.6	10.9	86.5	43.3	15.1	28.1
Blue-collar workers	100.0	4.4	4.8	90.8	60.2	15.3	15.3
Craftsmen and foremen	100.0	3.2	2.3	94.5	62.2	16.1	16.1
Operatives	100.0	3.3	3.5	93.2	60.0	15.8	17.4
Nonfarm laborers	100.0	9.7	14.0	76.4	55.8	12.2	8.4
Service workers	100.0	4.2	15.4	80.4	51.1	13.9	15.5
Private household	100.0	--	48.0	52.0	28.0	8.0	16.0
Other service workers	100.0	4.3	15.2	80.6	51.2	13.9	15.4
FEMALE							
White-collar workers	100.0	2.8	20.4	76.7	64.0	6.5	6.1
Professional and technical	100.0	1.9	20.7	77.5	61.4	7.3	8.7
Managers, officials, and proprietors	100.0	1.4	11.4	87.2	49.5	13.4	24.4
Clerical workers	100.0	2.5	17.4	80.1	71.7	5.7	2.7
Sales workers	100.0	7.2	42.0	50.8	40.9	4.4	5.5
Blue-collar workers	100.0	8.0	9.4	82.6	69.0	9.6	3.9
Craftsmen and foremen	100.0	5.5	15.1	79.4	64.0	9.5	5.8
Operatives	100.0	8.3	7.7	84.0	70.5	9.9	3.7
Nonfarm laborers	100.0	8.0	26.9	65.1	53.8	5.9	5.5
Service workers	100.0	8.7	36.2	55.1	41.8	7.1	6.2
Private household	100.0	15.9	51.0	33.1	21.3	6.1	5.8
Other service workers	100.0	6.8	32.1	61.2	47.5	7.4	6.3

HOUSEHOLD DATA

A-27: Employment status of 14- 15 year-olds by sex and color

June 1971

(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.....	8,113	4,111	4,003	6,959	3,538	3,422	1,154	573	581
Civilian labor force.....	2,104	1,347	757	1,892	1,207	685	212	140	72
Employed.....	1,721	1,103	618	1,604	1,023	581	117	80	38
Agriculture.....	339	279	60	291	245	46	48	34	15
Nonagricultural industries.....	1,382	824	558	1,313	778	535	69	46	23
Unemployed.....	382	244	139	288	183	105	94	60	34
Not in labor force.....	6,009	2,764	3,245	5,067	2,331	2,736	942	433	509
Keeping house.....	336	21	316	263	15	248	74	6	68
Going to school.....	3,478	1,623	1,855	2,910	1,352	1,558	568	271	297
Unable to work.....	20	12	8	17	11	6	3	1	2
All other reasons.....	2,175	1,108	1,067	1,878	952	926	297	156	141

A-28: Employed 14- 15 year-olds by sex, class of worker, and major occupation group

June 1971

Characteristics	Thousands of persons			Percent distribution		
	Both sexes	Male	Female	Both sexes	Male	Female
CLASS OF WORKER						
Total.....	1,721	1,103	618	100.0	100.0	100.0
Nonagricultural industries.....	1,382	824	558	80.3	74.7	90.3
Wage and salary workers.....	1,263	718	545	73.4	65.2	88.2
Private household workers.....	613	238	375	35.6	21.6	60.7
Government workers.....	41	26	15	2.4	2.4	2.4
Other wage and salary workers.....	608	453	155	35.3	41.1	25.1
Self-employed workers.....	85	75	10	4.9	6.8	1.6
Unpaid family workers.....	34	31	3	2.0	2.8	.5
Agriculture.....	339	279	60	19.7	25.3	9.7
Wage and salary workers.....	147	129	18	8.5	11.7	2.9
Self-employed workers.....	37	35	2	2.2	3.2	.3
Unpaid family workers.....	155	115	40	9.0	10.4	6.5
OCCUPATION						
Total.....	1,721	1,103	618	100.0	100.0	100.0
White-collar workers.....	290	224	66	16.9	20.3	10.7
Professional and technical.....	17	8	9	1.0	.7	1.5
Managers, officials, and proprietors.....	8	6	1	.5	.5	.2
Clerical workers.....	38	19	19	2.2	1.7	3.1
Sales workers.....	228	191	37	13.2	17.3	6.0
Blue-collar workers.....	493	477	16	28.6	43.3	2.6
Craftsmen and foremen.....	36	35	1	2.1	3.2	.2
Operatives.....	48	43	5	2.8	3.9	.8
Nonfarm laborers.....	409	399	10	23.8	36.2	1.6
Service workers.....	641	164	477	37.2	14.8	77.1
Private household workers.....	390	18	371	22.6	1.6	60.1
Other service workers.....	251	145	105	14.6	13.2	17.0
Farm workers.....	297	238	59	17.2	21.6	9.6
Farmers and farm managers.....	4	3	1	.2	.3	.2
Farm laborers and foremen.....	293	235	58	17.0	21.3	9.4

HOUSEHOLD DATA

SEASONALLY ADJUSTED

A-29: Employment status of the noninstitutional population by sex and age, seasonally adjusted

(In thousands)

Employment status, sex, and age	1971						1970						
	June	May	Apr.	Mar.	Feb.	Jan.	Dec.	Nov.	Oct.	Sept.	Aug.	July	June
Total													
Total labor force	85,948	87,028	86,665	86,405	86,336	86,873	86,622	86,512	86,379	86,084	85,904	85,865	85,392
Civilian labor force	83,132	84,178	83,783	83,475	83,384	83,897	83,609	83,473	83,300	82,975	82,770	82,711	82,213
Employed	78,443	78,961	78,698	78,475	78,537	78,864	78,463	78,550	78,691	78,479	78,508	78,574	78,299
Agriculture	3,294	3,458	3,558	3,396	3,329	3,413	3,408	3,353	3,293	3,436	3,435	3,508	3,536
Nonagricultural industries	75,149	75,503	75,140	75,079	75,208	75,451	75,055	75,197	75,398	75,043	75,073	75,066	74,763
On part time for economic reasons	2,176	2,504	2,494	2,455	2,458	2,484	2,533	2,413	2,409	2,075	2,259	2,306	2,124
Usually work full time	990	1,219	1,309	1,242	1,227	1,377	1,382	1,249	1,347	1,005	1,292	1,248	1,145
Usually work part time	1,186	1,285	1,185	1,213	1,231	1,107	1,151	1,164	1,062	1,070	967	1,058	979
Unemployed	4,689	5,217	5,085	5,000	4,847	5,033	5,146	4,923	4,609	4,496	4,262	4,137	3,914
Men, 20 years and over													
Total labor force	50,225	50,392	50,230	49,994	49,811	50,074	50,158	50,184	50,134	50,098	49,970	49,975	49,906
Civilian labor force	47,789	47,893	47,703	47,425	47,239	47,480	47,531	47,548	47,463	47,401	47,243	47,245	47,154
Employed	45,765	45,737	45,625	45,411	45,237	45,425	45,365	45,531	45,531	45,530	45,472	45,507	45,546
Agriculture	2,426	2,460	2,476	2,439	2,347	2,435	2,458	2,472	2,444	2,518	2,528	2,576	2,586
Nonagricultural industries	43,339	43,277	43,149	42,972	42,890	42,990	42,907	43,059	43,087	43,012	42,944	42,931	42,960
Unemployed	2,024	2,156	2,078	2,014	2,002	2,055	2,166	2,017	1,932	1,871	1,771	1,738	1,608
Women, 20 years and over													
Civilian labor force	28,386	28,586	28,489	28,594	28,645	28,855	28,644	28,580	28,520	28,249	28,413	28,394	28,057
Employed	26,818	26,857	26,791	26,938	27,051	27,211	26,988	26,967	27,084	26,829	27,044	26,996	26,794
Agriculture	510	539	583	539	551	544	538	519	507	533	521	550	568
Nonagricultural industries	26,308	26,318	26,208	26,399	26,500	26,667	26,450	26,448	26,577	26,296	26,523	26,446	26,226
Unemployed	1,568	1,729	1,698	1,656	1,594	1,644	1,656	1,613	1,436	1,420	1,369	1,398	1,263
Both sexes, 16-19 years													
Civilian labor force	6,957	7,699	7,591	7,456	7,500	7,562	7,434	7,345	7,317	7,325	7,114	7,072	7,002
Employed	5,860	6,367	6,282	6,126	6,249	6,228	6,110	6,052	6,076	6,120	5,992	6,071	5,959
Agriculture	358	459	499	418	431	434	412	362	342	385	386	382	382
Nonagricultural industries	5,502	5,908	5,783	5,708	5,818	5,794	5,698	5,690	5,734	5,735	5,606	5,689	5,577
Unemployed	1,097	1,332	1,309	1,330	1,251	1,334	1,324	1,293	1,241	1,205	1,122	1,001	1,043

NOTE: Because of the independent seasonal adjustment of the various series, detail for the household data shown in tables A-29 through A-37 will not necessarily add to totals.

A-30: 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	1971						1970						
	June	May	Apr.	Mar.	Feb.	Jan.	Dec.	Nov.	Oct.	Sept.	Aug.	July	June
Full time													
Total, 16 years and over:													
Civilian labor force	71,308	72,338	71,810	71,351	71,627	71,710	71,937	71,815	71,560	71,422	71,084	71,157	70,772
Employed	67,563	68,156	67,896	67,410	67,765	67,766	67,805	67,789	67,914	67,881	67,754	67,903	67,691
Unemployed	3,745	4,182	3,914	3,941	3,862	3,994	4,132	4,026	3,646	3,541	3,330	3,254	3,081
Unemployment rate	5.3	5.8	5.5	5.5	5.4	5.5	5.7	5.6	5.1	5.0	4.7	4.6	4.4
Men, 20 years and over:													
Civilian labor force	45,479	45,619	45,326	45,055	45,048	45,138	45,300	45,268	45,172	45,118	44,958	45,050	44,958
Employed	43,598	43,652	43,434	43,217	43,202	43,272	43,318	43,402	43,361	43,403	43,339	43,445	43,476
Unemployed	1,881	1,967	1,892	1,838	1,846	1,866	1,982	1,866	1,811	1,715	1,619	1,605	1,482
Unemployment rate	4.1	4.3	4.2	4.1	4.1	4.1	4.4	4.1	4.0	3.8	3.6	3.6	3.3
Women, 20 years and over:													
Civilian labor force	22,278	22,493	22,448	22,349	22,599	22,575	22,512	22,514	22,481	22,286	22,328	22,303	22,100
Employed	21,023	21,039	21,130	21,013	21,331	21,269	21,191	21,178	21,324	21,144	21,245	21,211	21,088
Unemployed	1,255	1,454	1,318	1,336	1,268	1,306	1,321	1,336	1,157	1,142	1,083	1,092	1,012
Unemployment rate	5.6	6.5	5.9	6.0	5.6	5.8	5.9	5.9	5.1	5.1	4.9	4.9	4.6
Part time													
Total, 16 years and over:													
Civilian labor force	12,012	11,731	11,853	12,092	11,747	12,291	11,640	11,736	11,665	11,682	11,793	11,696	11,536
Employed	11,095	10,650	10,739	11,038	10,727	11,156	10,637	10,746	10,701	10,702	10,866	10,816	10,740
Unemployed	917	1,081	1,114	1,054	1,020	1,135	1,003	990	964	980	927	880	796
Unemployment rate	7.6	9.2	9.4	8.7	8.7	9.2	8.6	8.4	8.3	8.4	7.9	7.5	6.9

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-31: Employment status by color, sex, and age, seasonally adjusted

(In thousands)

Characteristics	1971						1970						
	June	May	Apr.	Mar.	Feb.	Jan.	Dec.	Nov.	Oct.	Sept.	Aug.	July	June
White													
Total:													
Civilian labor force	73,882	74,761	74,498	74,217	74,169	74,803	74,340	74,333	74,211	73,747	73,409	73,473	72,929
Employed	70,035	70,511	70,349	70,083	70,204	70,626	70,186	70,215	70,386	70,067	69,910	70,068	69,787
Unemployed	3,847	4,250	4,149	4,134	3,965	4,177	4,154	4,118	3,825	3,680	3,499	3,405	3,142
Unemployment rate	5.2	5.7	5.6	5.6	5.3	5.6	5.6	5.5	5.2	5.0	4.8	4.6	4.3
Males, 20 years and over:													
Civilian labor force	43,042	43,154	42,942	42,705	42,576	42,732	42,666	42,807	42,782	42,616	42,463	42,473	42,440
Employed	41,306	41,312	41,185	40,973	40,881	41,011	40,983	41,086	41,117	41,061	40,963	41,015	41,079
Unemployed	1,736	1,842	1,757	1,732	1,695	1,721	1,683	1,721	1,665	1,555	1,500	1,458	1,361
Unemployment rate	4.0	4.3	4.1	4.1	4.0	4.0	3.9	4.0	3.9	3.6	3.5	3.4	3.2
Females, 20 years and over:													
Civilian labor force	24,620	24,733	24,800	24,873	24,869	25,246	25,020	24,922	24,871	24,567	24,650	24,731	24,331
Employed	23,346	23,425	23,437	23,535	23,605	23,899	23,618	23,589	23,705	23,416	23,535	23,560	23,325
Unemployed	1,274	1,308	1,363	1,338	1,264	1,347	1,402	1,333	1,166	1,151	1,115	1,171	1,006
Unemployment rate	5.2	5.3	5.5	5.4	5.1	5.3	5.6	5.3	4.7	4.7	4.5	4.7	4.1
Both sexes, 16 to 19 years:													
Civilian labor force	6,220	6,874	6,756	6,639	6,724	6,825	6,654	6,604	6,558	6,564	6,296	6,269	6,158
Employed	5,383	5,774	5,727	5,575	5,718	5,716	5,585	5,540	5,564	5,590	5,412	5,493	5,383
Unemployed	837	1,100	1,029	1,064	1,006	1,109	1,069	1,064	994	974	884	776	775
Unemployment rate	13.5	16.0	15.2	16.0	15.0	16.2	16.1	16.1	15.2	14.8	14.0	12.4	12.6
Negro and other races													
Total:													
Civilian labor force	9,150	9,381	9,257	9,335	9,268	9,243	9,223	9,181	9,132	9,185	9,245	9,233	9,220
Employed	8,294	8,400	8,332	8,456	8,382	8,367	8,347	8,358	8,283	8,378	8,469	8,470	8,443
Unemployed	856	981	925	879	886	876	876	823	849	807	776	763	777
Unemployment rate	9.4	10.5	10.0	9.4	9.6	9.5	9.5	9.0	9.3	8.8	8.4	8.3	8.4
Males, 20 years and over:													
Civilian labor force	4,749	4,741	4,751	4,746	4,705	4,786	4,784	4,742	4,732	4,766	4,770	4,778	4,721
Employed	4,422	4,418	4,429	4,454	4,388	4,436	4,425	4,458	4,412	4,460	4,494	4,490	4,444
Unemployed	327	323	322	292	317	350	359	284	320	306	276	288	277
Unemployment rate	6.9	6.8	6.8	6.2	6.7	7.3	7.5	6.0	6.8	6.4	5.8	6.0	5.9
Females, 20 years and over:													
Civilian labor force	3,703	3,819	3,706	3,754	3,800	3,708	3,654	3,655	3,606	3,647	3,680	3,661	3,684
Employed	3,410	3,415	3,360	3,437	3,470	3,419	3,388	3,372	3,346	3,383	3,416	3,416	3,429
Unemployed	293	404	346	317	330	289	266	283	260	264	264	245	255
Unemployment rate	7.9	10.6	9.3	8.4	8.7	7.8	7.3	7.7	7.2	7.2	7.2	6.7	6.9
Both sexes, 16 to 19 years:													
Civilian labor force	698	821	800	835	763	749	785	784	794	772	795	794	815
Employed	462	567	543	565	524	512	534	528	525	535	559	564	570
Unemployed	236	254	257	270	239	237	251	256	269	237	236	230	245
Unemployment rate	33.8	30.9	32.1	32.3	31.3	31.6	32.0	32.7	33.9	30.7	29.7	29.0	30.1

A-32: Unemployed persons by duration of unemployment, seasonally adjusted

(In thousands)

Duration of unemployment	1971						1970						
	June	May	Apr.	Mar.	Feb.	Jan.	Dec.	Nov.	Oct.	Sept.	Aug.	July	June
Less than 5 weeks	2,040	2,276	2,276	2,116	2,154	2,322	2,456	2,333	2,373	2,271	2,217	2,080	2,001
5 to 14 weeks	1,574	1,519	1,560	1,649	1,595	1,624	1,612	1,758	1,490	1,470	1,340	1,322	1,276
15 weeks and over	1,173	1,202	1,071	1,107	1,069	1,079	1,084	880	754	788	727	694	661
15 to 26 weeks	609	622	641	651	614	666	750	555	496	507	475	458	427
27 weeks and over	564	580	430	456	455	413	334	325	258	281	252	236	234
Average (mean) duration	12.7	11.5	10.9	10.8	10.4	10.4	9.7	9.3	8.5	9.0	8.8	9.0	9.4

HOUSEHOLD DATA SEASONALLY ADJUSTED

A-33: Major unemployment indicators, seasonally adjusted

(Unemployment rates)

Selected categories	1971						1970						
	June	May	Apr.	Mar.	Feb.	Jan.	Dec.	Nov.	Oct.	Sept.	Aug.	July	June
Total (all civilian workers).....	5.6	6.2	6.1	6.0	5.8	6.0	6.2	5.9	5.5	5.4	5.1	5.0	4.8
Men, 20 years and over.....	4.2	4.5	4.4	4.2	4.2	4.3	4.6	4.2	4.1	3.9	3.7	3.7	3.4
Women, 20 years and over.....	5.5	6.0	6.0	5.8	5.6	5.7	5.8	5.6	5.0	5.0	4.8	4.9	4.5
Both sexes, 16-19 years.....	15.8	17.3	17.2	17.8	16.7	17.6	17.8	17.6	17.0	16.5	15.8	14.2	14.9
White.....	5.2	5.7	5.6	5.6	5.3	5.6	5.6	5.5	5.2	5.0	4.8	4.6	4.3
Negro and other races.....	9.4	10.5	10.0	9.4	9.6	9.5	9.5	9.0	9.3	8.8	8.4	8.3	8.4
Married men.....	3.1	3.3	3.1	3.2	3.2	3.3	3.4	3.2	3.0	2.9	2.8	2.7	2.5
Full-time workers.....	5.3	5.8	5.5	5.5	5.4	5.5	5.7	5.6	5.1	5.0	4.7	4.6	4.4
Part-time workers.....	7.6	9.2	9.4	8.7	8.7	9.2	8.6	8.4	8.3	8.4	7.9	7.5	6.9
Unemployed 15 weeks and over ¹	1.4	1.4	1.3	1.3	1.3	1.3	1.3	1.1	.9	.9	.9	.8	.8
State insured ²	4.4	4.3	3.9	3.9	3.7	3.7	4.2	4.6	4.5	4.2	3.7	3.5	3.7
Labor force time lost ³	5.6	6.8	6.4	6.5	6.3	6.4	6.4	6.4	6.1	5.9	5.5	5.4	4.9
Occupation													
White-collar workers.....	3.1	3.7	3.8	3.7	3.5	3.5	3.8	3.6	3.0	2.9	2.8	3.0	2.6
Professional and technical.....	2.1	3.2	3.3	3.4	3.3	3.0	2.9	2.6	1.9	2.0	1.9	2.1	1.5
Managers, officials, and proprietors.....	1.7	1.5	1.6	1.7	1.5	1.5	1.7	1.7	1.4	1.5	1.3	1.6	1.4
Clerical workers.....	4.6	4.8	5.2	4.9	4.7	4.9	5.3	5.0	4.3	4.0	3.9	4.3	4.0
Sales workers.....	3.9	5.5	4.5	4.4	3.9	4.1	5.1	4.9	4.0	3.9	4.0	3.9	3.4
Blue-collar workers.....	7.0	7.5	7.4	7.4	7.4	7.6	7.8	7.4	7.3	7.3	6.9	6.5	6.3
Craftsmen and foremen.....	3.9	4.1	4.5	4.9	4.3	5.1	5.0	4.5	4.0	5.3	4.4	4.3	4.0
Operatives.....	8.1	8.8	8.6	8.4	8.4	8.6	9.0	8.8	8.5	7.6	7.8	7.2	6.8
Nonfarm laborers.....	11.2	11.5	10.2	10.0	11.3	10.6	11.0	10.1	11.2	11.2	10.1	9.7	10.2
Service workers.....	6.2	6.4	6.3	6.0	5.9	6.4	6.2	6.0	5.7	5.7	5.5	5.3	5.1
Farm workers.....	2.2	1.9	1.8	2.2	3.2	3.2	3.3	2.7	2.9	3.9	2.6	2.5	1.9
Industry													
Private wage and salary workers ⁴	6.0	6.5	6.3	6.4	6.1	6.4	6.6	6.2	6.0	5.8	5.5	5.5	5.2
Construction.....	10.4	11.2	9.6	10.9	11.0	11.2	11.8	9.1	11.7	12.7	11.8	10.8	10.6
Manufacturing.....	6.5	6.9	7.0	6.9	6.8	7.2	7.6	7.3	6.7	6.1	5.8	5.8	5.3
Durable goods.....	6.9	7.2	7.5	7.3	7.1	7.2	8.0	8.2	7.3	6.3	5.7	5.7	5.2
Nondurable goods.....	6.0	6.4	6.3	6.4	6.4	7.1	7.2	6.1	5.8	5.8	5.9	6.0	5.5
Transportation and public utilities.....	3.3	4.4	4.0	3.3	4.0	4.6	4.1	3.6	3.5	3.0	3.1	3.3	3.3
Wholesale and retail trade.....	6.5	6.9	6.5	6.7	6.2	6.1	6.7	6.1	5.8	5.7	5.5	5.3	5.3
Finance and service industries.....	4.7	5.1	5.3	5.3	4.8	5.0	4.9	5.1	4.5	4.8	4.4	4.6	4.1
Government wage and salary workers.....	2.5	3.0	2.8	2.8	2.6	2.9	3.0	2.8	2.5	2.0	2.2	2.0	2.0
Agricultural wage and salary workers.....	5.7	7.5	6.1	6.5	9.4	9.0	9.6	8.8	8.4	9.1	8.0	7.9	5.5

¹Unemployment rate calculated as a percent of civilian labor force.

²Insured unemployment under State programs as a percent of average covered employment.

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

⁴Includes mining, not shown separately.

HOUSEHOLD DATA SEASONALLY ADJUSTED

A-34: Rates of unemployment by sex and age, seasonally adjusted

Sex and age	1971						1970						
	June	May	Apr.	Mar.	Feb.	Jan.	Dec.	Nov.	Oct.	Sept.	Aug.	July	June
Total, 16 years and over	5.6	6.2	6.1	6.0	5.8	6.0	6.2	5.9	5.5	5.4	5.1	5.0	4.8
16 to 19 years	15.8	17.3	17.2	17.8	16.7	17.6	17.8	17.6	17.0	16.5	15.8	14.2	14.9
16 and 17 years	18.1	19.0	18.3	18.8	17.4	20.3	19.8	18.6	19.7	19.0	17.3	15.5	16.4
18 and 19 years	13.9	16.7	15.8	17.2	16.1	16.0	16.5	16.6	15.1	14.6	14.5	13.4	13.6
20 to 24 years	9.9	11.1	10.4	10.0	9.4	9.7	10.2	10.0	9.1	9.3	8.4	8.5	7.6
25 years and over	3.8	4.0	4.0	4.0	3.9	4.0	4.2	3.9	3.7	3.5	3.4	3.4	3.2
25 to 54 years	3.9	4.1	4.2	4.2	4.0	4.1	4.4	4.2	3.9	3.6	3.6	3.6	3.3
55 years and over	3.4	3.6	3.6	3.3	3.6	3.6	3.5	3.3	3.0	3.1	2.8	2.9	2.9
Males, 16 years and over	5.1	5.6	5.3	5.3	5.2	5.4	5.6	5.2	5.1	4.9	4.7	4.5	4.3
16 to 19 years	15.7	17.6	16.5	17.0	16.2	17.6	17.2	16.5	17.0	16.4	15.7	14.2	15.2
16 and 17 years	17.7	17.5	18.5	18.4	17.3	19.8	20.0	17.7	19.8	19.4	17.0	15.4	16.7
18 and 19 years	13.7	18.0	14.9	16.0	15.3	15.7	15.0	15.1	14.9	14.2	14.5	13.7	13.5
20 to 24 years	9.7	10.8	10.5	10.0	9.7	10.4	10.9	10.4	10.6	10.1	8.7	9.0	7.4
25 years and over	3.3	3.6	3.5	3.4	3.4	3.5	3.7	3.4	3.2	3.0	3.0	2.9	2.9
25 to 54 years	3.4	3.6	3.4	3.4	3.2	3.4	3.6	3.5	3.3	3.0	3.0	2.9	2.9
55 years and over	3.3	3.5	3.7	3.5	3.9	3.8	3.7	3.5	3.0	3.1	3.0	2.8	2.8
Females, 16 years and over	6.5	7.2	7.3	7.2	6.8	6.9	7.1	7.0	6.3	6.2	5.9	5.8	5.5
16 to 19 years	15.9	16.9	18.2	18.8	17.2	17.7	18.6	19.0	16.9	16.5	15.8	14.1	14.5
16 and 17 years	18.7	20.8	17.9	19.4	17.5	21.0	19.4	19.8	19.5	18.6	17.6	15.7	15.9
18 and 19 years	14.1	15.2	16.9	18.5	17.0	16.4	18.2	18.4	15.3	14.9	14.6	13.1	13.6
20 to 24 years	10.1	11.5	10.3	10.1	9.1	9.0	9.3	9.6	7.4	8.2	8.1	8.0	7.9
25 years and over	4.5	4.8	5.0	5.0	4.8	4.9	5.1	4.8	4.6	4.3	4.2	4.3	3.8
25 to 54 years	5.0	5.1	5.5	5.6	5.3	5.2	5.7	5.4	5.0	4.7	4.6	4.7	4.2
55 years and over	3.6	3.7	3.4	3.1	3.1	3.3	3.1	2.9	3.0	3.0	2.6	3.0	3.0

A-35: Unemployed persons by reason for unemployment, seasonally adjusted

(Numbers in thousands)

Reason for unemployment	1971						1970						
	June	May	Apr.	Mar.	Feb.	Jan.	Dec.	Nov.	Oct.	Sept.	Aug.	July	June
Number of unemployed													
Lost last job	2,339	2,311	2,281	2,185	2,288	2,281	2,536	2,385	2,208	2,099	1,974	1,824	1,845
Left last job	476	618	606	594	652	643	614	607	590	540	563	600	559
Reentered labor force	1,338	1,527	1,460	1,537	1,296	1,497	1,472	1,397	1,214	1,335	1,269	1,283	1,086
Never worked before	540	740	688	678	589	644	594	607	553	538	492	429	482
Percent distribution													
Total unemployed	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Lost last job	49.8	44.5	45.3	43.8	47.4	45.0	48.6	47.7	48.4	46.5	45.9	44.1	46.5
Left last job	10.1	11.9	12.0	11.9	13.5	12.7	11.8	12.1	12.9	12.0	13.1	14.5	14.1
Reentered labor force	28.5	29.4	29.0	30.8	26.9	29.6	28.2	28.0	26.6	29.6	29.5	31.0	27.3
Never worked before	11.5	14.2	13.7	13.6	12.2	12.7	11.4	12.1	12.1	11.9	11.4	10.4	12.1
Unemployed as a percent of the civilian labor force													
Lost last job	2.8	2.7	2.7	2.6	2.7	2.7	3.0	2.9	2.7	2.5	2.4	2.2	2.2
Left last job . . . . .	.6	.7	.7	.7	.8	.8	.7	.7	.7	.7	.7	.7	.7
Reentered labor force	1.6	1.8	1.7	1.8	1.6	1.8	1.8	1.7	1.5	1.6	1.5	1.6	1.3
Never worked before . . . . .	.6	.9	.8	.8	.7	.8	.7	.7	.7	.6	.6	.5	.6

HOUSEHOLD DATA
SEASONALLY ADJUSTED

A-36: Employed persons by sex and age, seasonally adjusted

(In thousands)

Sex and age	1971						1970						
	June	May	Apr.	Mar.	Feb.	Jan.	Dec.	Nov.	Oct.	Sept.	Aug.	July	June
Total													
16 years and over	78,443	78,961	78,698	78,475	78,537	78,864	78,463	78,550	78,691	78,479	78,508	78,574	78,299
16 to 19 years	5,860	6,367	6,282	6,126	6,249	6,228	6,110	6,052	6,076	6,120	5,992	6,071	5,959
16 and 17 years	2,324	2,688	2,660	2,627	2,709	2,684	2,544	2,541	2,531	2,586	2,540	2,556	2,505
18 and 19 years	3,546	3,658	3,619	3,517	3,555	3,555	3,559	3,528	3,559	3,544	3,413	3,486	3,457
20 to 24 years	9,954	10,014	9,980	9,839	9,795	9,926	9,879	9,859	9,940	9,858	9,778	9,707	9,617
25 years and over	62,635	62,589	62,431	62,533	62,489	62,722	62,461	62,646	62,679	62,506	62,731	62,790	62,743
25 to 54 years	48,646	48,687	48,446	48,495	48,619	48,667	48,436	48,577	48,592	48,489	48,655	48,697	48,659
55 years and over	13,867	13,948	13,956	14,072	13,928	14,237	14,064	14,015	14,054	13,980	14,035	14,044	13,996
Male													
16 years and over	49,035	49,243	49,144	48,793	48,725	48,908	48,870	48,964	48,870	48,898	48,754	48,858	48,824
16 to 19 years	3,270	3,506	3,519	3,382	3,488	3,483	3,505	3,433	3,339	3,368	3,282	3,351	3,278
16 and 17 years	1,376	1,552	1,548	1,476	1,577	1,561	1,537	1,489	1,439	1,484	1,455	1,500	1,465
18 and 19 years	1,898	1,969	1,957	1,915	1,920	1,924	1,973	1,956	1,914	1,890	1,793	1,834	1,820
20 to 24 years	5,494	5,540	5,510	5,405	5,322	5,365	5,400	5,342	5,299	5,380	5,250	5,209	5,192
25 years and over	40,249	40,216	40,114	40,027	39,926	40,038	39,997	40,165	40,230	40,235	40,234	40,280	40,346
25 to 54 years	31,271	31,253	31,204	31,070	31,148	31,094	31,132	31,281	31,290	31,301	31,248	31,298	31,292
55 years and over	8,907	8,971	8,912	8,943	8,812	9,007	8,901	8,900	8,938	8,927	8,957	8,979	8,996
Female													
16 years and over	29,408	29,718	29,554	29,682	29,812	29,956	29,593	29,586	29,821	29,581	29,754	29,716	29,475
16 to 19 years	2,590	2,861	2,763	2,744	2,761	2,745	2,605	2,619	2,737	2,752	2,710	2,720	2,681
16 and 17 years	948	1,136	1,112	1,151	1,132	1,123	1,007	1,052	1,092	1,102	1,085	1,056	1,040
18 and 19 years	1,648	1,689	1,662	1,602	1,635	1,631	1,586	1,572	1,455	1,654	1,620	1,652	1,637
20 to 24 years	4,460	4,474	4,470	4,434	4,473	4,561	4,479	4,517	4,641	4,550	4,528	4,498	4,425
25 years and over	22,386	22,373	22,317	22,506	22,563	22,684	22,464	22,481	22,449	22,271	22,497	22,510	22,397
25 to 54 years	17,375	17,434	17,242	17,425	17,471	17,573	17,304	17,296	17,302	17,188	17,407	17,399	17,367
55 years and over	4,960	4,977	5,044	5,129	5,116	5,230	5,163	5,115	5,116	5,053	5,078	5,065	5,000

A-37: Employed persons by major occupation group, seasonally adjusted

(In thousands)

Occupation group	1971						1970						
	June	May	Apr.	Mar.	Feb.	Jan.	Dec.	Nov.	Oct.	Sept.	Aug.	July	June
White-collar workers	37,868	38,128	37,932	37,838	37,791	38,086	38,107	38,165	38,110	38,003	37,950	38,027	38,006
Professional and technical	11,247	11,025	10,969	10,837	10,907	10,777	11,132	11,156	11,172	11,234	11,280	11,246	11,175
Managers, officials, and proprietors	8,588	8,680	8,607	8,662	8,573	8,729	8,408	8,378	8,349	8,246	8,248	8,308	8,294
Clerical workers	13,119	13,394	13,236	13,247	13,265	13,474	13,613	13,700	13,671	13,647	13,543	13,622	13,696
Sales workers	4,914	5,029	5,120	5,092	5,046	5,106	4,954	4,931	4,918	4,876	4,879	4,851	4,841
Blue-collar workers	27,031	26,978	27,005	26,999	27,196	27,023	27,444	27,695	27,736	27,580	27,683	27,662	27,493
Craftsmen and foremen	10,219	10,059	10,050	10,045	10,291	9,985	10,149	10,163	10,205	10,149	10,090	10,093	10,098
Operatives	12,968	12,915	12,927	12,899	12,841	12,931	13,583	13,747	13,895	13,728	13,811	13,840	13,845
Nonfarm laborers	3,844	4,004	4,028	4,055	4,064	4,107	3,712	3,785	3,636	3,703	3,782	3,729	3,550
Service workers	10,576	10,743	10,492	10,681	10,621	10,749	9,799	9,728	9,834	9,915	9,776	9,682	9,595
Farmers and farm laborers	2,941	3,025	3,169	2,991	2,944	3,026	3,080	2,990	2,997	3,095	3,086	3,174	3,204

NOTE: Comparisons with data prior to January 1971 are affected by the reclassification of census occupations that was introduced in that month. For an explanation of the changes, see "Revisions in Occupational Classifications for 1971" in the February 1971 issue of Employment and Earnings.

ESTABLISHMENT DATA EMPLOYMENT

B-2: Employees on nonagricultural payrolls, by industry

(In thousands)

SIC CODE	Industry	All employees					Production workers ¹				
		June 1971	May 1971	Apr. 1971	June 1970	May 1970	June 1971	May 1971	Apr. 1971	June 1970	May 1970
-	TOTAL	71,333	70,840	70,391	71,385	70,780	-	-	-	-	-
-	PRIVATE SECTOR	58,301	57,743	57,317	58,746	58,054	48,199	47,705	47,278	48,582	47,905
-	MINING	635	623	617	635	620	483	473	467	485	471
10	METAL MINING	-	93.7	93.6	97.6	94.1	-	75.1	74.9	78.9	76.3
101	Iron ores	-	25.6	25.4	27.5	26.4	-	20.9	20.7	22.6	21.6
102	Copper ores	-	38.1	38.1	37.9	36.4	-	30.2	30.2	30.1	29.2
11,12	COAL MINING	-	156.0	156.1	144.5	141.1	-	134.5	134.5	125.4	122.1
12	Bituminous coal and lignite mining	-	150.4	150.5	138.9	135.4	-	129.6	129.5	120.4	117.3
13	OIL AND GAS EXTRACTION	-	255.5	253.6	272.4	267.0	-	167.1	164.8	181.1	176.4
131,2	Crude petroleum and natural gas fields	-	137.8	137.3	144.4	140.7	-	70.2	69.6	75.0	72.2
138	Oil and gas field services	-	117.7	116.3	128.0	126.3	-	96.9	95.2	106.1	104.2
14	NONMETALLIC MINERALS, EXCEPT FUELS	-	117.3	114.0	120.7	117.6	-	96.3	93.2	99.5	96.6
142	Crushed and broken stone	-	42.6	41.0	43.0	41.6	-	35.8	34.3	36.2	34.7
144	Sand and gravel	-	38.1	36.3	39.5	37.9	-	-	-	-	-
	CONTRACT CONSTRUCTION	3,389	3,261	3,154	3,504	3,344	2,827	2,716	2,613	2,943	2,791
	GENERAL BUILDING CONTRACTORS		918.8	900.0	1,018.0	978.4	-	761.4	745.9	854.8	816.8
16	HEAVY CONSTRUCTION CONTRACTORS ..	-	745.6	683.7	830.9	761.2	-	637.5	575.7	717.9	649.9
161	Highway and street construction	-	331.3	286.0	391.1	345.0	-	293.2	248.0	351.2	306.0
162	Heavy construction, n e c	-	414.3	397.7	439.8	416.2	-	344.3	327.7	366.7	343.9
17	SPECIAL TRADE CONTRACTORS	-	1,596.4	1,570.1	1,654.8	1,603.9	-	1,316.7	1,291.3	1,370.7	1,323.9
171	Plumbing, heating, air conditioning	-	376.3	369.8	390.1	381.9	-	298.0	291.6	311.2	303.8
172	Painting, paper hanging, decorating	-	115.3	109.8	138.4	130.3	-	99.2	94.0	121.9	114.0
173	Electrical work	-	271.6	266.1	286.4	279.7	-	215.4	210.8	228.4	223.1
174	Masonry, stonework, and plastering	-	211.8	212.1	215.2	209.0	-	190.7	191.1	193.7	187.7
176	Roofing and sheet metal work	-	111.7	112.8	118.1	112.9	-	90.5	92.4	97.3	92.1
	MANUFACTURING	18,751	18,584	18,525	19,627	19,432	13,612	13,460	13,389	14,261	14,061
19,24,25, 32-39	DURABLE GOODS	10,685	10,622	10,584	11,392	11,352	7,701	7,644	7,593	8,228	8,164
20-23, 26-31	NONDURABLE GOODS	8,066	7,962	7,941	8,235	8,080	5,911	5,816	5,796	6,033	5,897
	<i>Durable Goods</i>										
19	ORDNANCE AND ACCESSORIES	202.5	199.7	198.1	249.9	254.1	102.4	100.4	98.8	136.4	139.2
192	Ammunition, except for small arms	139.0	139.4	140.5	175.0	179.8	63.2	64.2	65.0	89.1	92.3
1925	Complete guided missiles	-	92.6	92.9	101.9	104.1	-	27.8	28.1	31.7	32.9
1929	Ammunition, exc. for small arms, nec	-	46.8	47.6	73.1	75.7	-	36.4	36.9	57.4	59.4
24	LUMBER AND WOOD PRODUCTS	597.6	574.8	563.8	596.4	579.2	517.3	495.0	484.8	515.6	498.8
241	Logging camps & logging contractors	(*)	67.5	62.9	81.8	73.6	-	-	-	-	-
242	Sawmills and planing mills	(*)	211.3	209.0	220.4	217.0	(*)	192.0	189.9	201.0	197.3
2421	Sawmills and planing mills, general	-	178.8	176.8	186.8	183.5	-	162.6	160.9	170.7	167.1
243	Millwork, plywood & related products	184.1	178.0	173.4	168.5	164.6	155.2	148.9	144.7	140.2	136.4
2431	Millwork	-	76.7	74.9	73.9	71.3	-	61.9	60.2	59.7	57.2
2432	Veneer and plywood	-	77.3	76.6	71.8	71.5	-	69.3	68.6	64.1	63.7
244	Wooden containers	30.9	30.5	30.6	35.3	34.4	27.4	26.9	27.1	31.5	30.5
2441,2	Wooden boxes, shooks, and crates	-	24.7	24.6	28.7	27.6	-	21.8	21.9	25.7	24.5
249	Miscellaneous wood products	88.2	87.5	87.9	90.4	89.6	72.7	72.2	72.7	75.4	74.7

See footnotes at end of table.

**ESTABLISHMENT DATA
EMPLOYMENT**

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

SIC Code	Industry	(In thousands)									
		All employees					Production workers ¹				
		June 1971 ^P	May 1971 ^P	Apr. 1971	June 1970	May 1970	June 1971 ^P	May 1971 ^P	Apr. 1971	June 1970	May 1970
<i>Durable Goods--Continued</i>											
25	FURNITURE AND FIXTURES.....	460.4	451.5	448.6	454.1	451.4	379.4	371.0	368.0	373.2	370.5
251	Household furniture.....	(*)	323.8	322.5	314.4	313.4	(*)	273.9	272.8	264.8	263.9
2511	Wood household furniture.....	—	161.3	159.7	156.5	154.8	—	140.9	139.9	136.9	135.6
2512	Upholstered household furniture.....	—	88.1	88.3	82.1	83.3	—	73.7	73.7	67.6	68.6
2515	Mattresses and bedspings.....	—	37.3	37.1	37.2	36.8	—	28.6	28.4	28.8	28.2
252	Office furniture.....	—	32.3	31.7	37.3	38.3	—	24.4	23.7	28.9	29.6
254	Partitions and fixtures.....	—	48.7	48.3	52.1	50.5	—	37.2	36.7	40.9	39.4
253,9	Other furniture and fixtures.....	47.5	46.7	46.1	50.3	49.2	36.2	35.5	34.8	38.6	37.6
32	STONE, CLAY, AND GLASS PRODUCTS...	638.5	629.1	622.0	650.0	638.0	507.8	499.1	492.6	518.3	506.0
321	Flat glass.....	—	23.6	23.6	23.4	23.3	—	17.3	17.2	17.0	17.0
322	Glass and glassware, pressed or blown...	128.0	127.2	127.1	133.6	131.6	109.8	108.9	108.9	116.5	114.5
3221	Glass containers.....	—	74.0	73.0	78.5	75.9	—	64.7	63.8	70.2	67.8
3229	Pressed and blown glass, n e c.....	—	53.2	54.1	55.1	55.7	—	44.2	45.1	46.3	46.7
324	Cement, hydraulic.....	34.6	32.6	32.3	35.5	34.6	27.3	25.5	25.2	27.7	26.9
325	Structural clay products.....	58.7	57.4	56.5	59.7	57.5	48.6	47.5	46.4	48.9	46.7
3251	Brick and structural clay tile.....	—	25.8	25.2	26.4	25.5	—	22.4	21.7	23.0	22.0
326	Pottery and related products.....	—	40.5	40.8	43.4	42.6	—	33.7	34.0	36.0	35.3
327	Concrete, gypsum, and plaster products...	188.1	184.8	180.6	188.9	184.8	146.9	144.3	140.2	147.9	143.7
328,9	Other stone and nonmetallic mineral products	(*)	134.2	132.9	138.0	136.5	(*)	99.3	98.6	102.8	100.7
3291	Abrasive products.....	—	25.0	24.9	26.8	27.0	—	17.1	17.0	18.5	18.7
33	PRIMARY METAL INDUSTRIES.....	1,272.3	1,270.1	1,265.8	1,331.6	1,319.4	1,014.8	1,011.3	1,006.5	1,058.5	1,047.1
331	Blast furnace and basic steel products...	(*)	624.7	622.0	644.1	630.2	(*)	503.2	500.5	514.3	501.6
3312	Blast furnaces and steel mills.....	—	549.0	546.5	563.5	552.1	—	444.2	441.8	452.0	441.6
332	Iron and steel foundries.....	214.9	214.5	215.8	229.3	232.4	178.1	177.6	178.5	191.2	194.1
3321	Gray iron foundries.....	—	132.8	133.7	143.9	145.9	—	111.5	112.1	122.3	124.1
3322	Malleable iron foundries.....	—	23.0	22.9	21.7	22.1	—	19.2	19.1	17.8	18.2
3323	Steel foundries.....	—	58.7	59.2	63.7	64.4	—	46.9	47.3	51.1	51.8
333,4	Nonferrous metals.....	84.8	84.0	83.6	87.5	85.9	66.2	65.3	65.2	67.4	66.2
3334	Primary aluminum.....	—	30.6	30.3	31.5	30.8	—	25.0	24.8	25.7	25.1
335	Nonferrous rolling and drawing.....	(*)	206.1	204.2	213.3	214.6	(*)	152.6	150.9	159.0	159.4
3351	Copper rolling and drawing.....	—	41.3	39.8	44.1	44.1	—	30.7	29.4	32.9	32.8
3352	Aluminum rolling and drawing.....	—	67.3	67.1	68.4	69.1	—	49.5	49.0	49.8	50.3
3357	Nonferrous wire drawing and insulating...	—	77.1	77.0	78.2	78.6	—	58.4	58.6	60.3	60.3
336	Nonferrous foundries.....	76.6	75.3	74.4	85.5	85.3	62.6	61.1	60.0	70.1	70.1
3361	Aluminum castings.....	—	38.9	38.3	45.3	44.8	—	32.1	31.4	37.9	37.6
3362,9	Other nonferrous castings.....	—	36.4	36.1	40.2	40.5	—	29.0	28.6	32.2	32.5
339	Miscellaneous primary metal products.....	66.7	65.5	65.8	71.9	71.0	52.8	51.5	51.4	56.5	55.7
3391	Iron and steel forgings.....	—	43.9	44.0	47.9	46.5	—	34.9	34.8	38.2	36.9
34	FABRICATED METAL PRODUCTS.....	1,344.8	1,337.2	1,332.4	1,400.9	1,385.6	1,021.4	1,017.2	1,012.1	1,068.3	1,053.8
341	Metal cans.....	72.3	70.5	69.2	72.2	70.1	62.1	60.4	59.1	61.4	59.5
342	Cutlery, hand tools, and hardware.....	152.6	152.9	153.5	154.3	155.2	119.6	120.0	120.4	118.8	119.7
3421,3,5	Cutlery and hand tools, incl. saws.....	—	62.7	63.4	65.2	65.4	—	48.6	49.0	50.1	50.2
3429	Hardware, n e c.....	—	90.2	90.1	89.1	89.8	—	71.4	71.4	68.7	69.5
343	Plumbing and heating, except electric....	80.2	79.5	79.4	81.8	81.2	59.4	58.9	58.8	60.3	59.3
3431,2	Sanitary ware & plumbers' brass goods...	—	35.2	35.6	35.7	36.2	—	27.9	28.2	28.2	28.5
3433	Heating equipment, except electric.....	—	44.3	43.8	46.1	45.0	—	31.0	30.6	32.1	30.8
344	Fabricated structural metal products.....	416.0	410.2	405.9	428.8	419.1	295.9	291.9	287.9	308.8	299.7
3441	Fabricated structural steel.....	—	105.2	105.1	108.7	106.1	—	77.1	76.8	79.7	77.8
3442	Metal doors, sash, and trim.....	—	67.7	64.5	68.1	65.4	—	49.4	46.5	49.5	46.6
3443	Fabricated plate work (boiler shops)....	—	117.1	116.9	122.4	121.5	—	81.2	80.8	86.6	85.8
3444	Sheet metal work.....	—	75.1	74.8	81.7	79.3	—	53.5	53.5	59.1	56.6
3446,9	Architectural and misc. metal work.....	—	45.1	44.6	47.9	46.8	—	30.7	30.3	33.9	32.9
345	Screw machine products, bolts, etc.....	98.1	99.2	100.1	110.6	110.8	75.0	76.0	77.0	85.8	85.7
3451	Screw machine products.....	—	43.9	44.1	49.2	49.2	—	35.9	36.1	40.8	40.9
3452	Bolts, nuts, rivets, and washers.....	—	55.3	56.0	61.4	61.6	—	40.1	40.9	45.0	44.8
346	Metal stampings.....	226.0	226.2	225.2	240.2	238.5	181.4	182.1	180.5	193.3	191.6
347	Metal services, n e c.....	81.7	82.0	82.0	90.3	89.4	66.6	67.1	67.1	73.9	73.3
348	Misc. fabricated wire products.....	64.2	63.5	63.8	64.3	63.8	50.2	49.6	49.9	50.5	50.0
349	Misc. fabricated metal products.....	153.7	153.2	153.3	158.4	157.5	111.2	111.2	111.4	115.5	115.0
3494,8	Valves, pipe, and pipe fittings.....	—	91.8	92.2	94.2	93.7	—	63.8	64.2	66.0	65.7

See footnotes at end of table.

**ESTABLISHMENT DATA
EMPLOYMENT**

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

SIC Code	Industry	(In thousands)									
		All employees					Production workers ¹				
		June 1971 p	May 1971 p	Apr. 1971	June 1970	May 1970	June 1971 p	May 1971 p	Apr. 1971	June 1970	May 1970
<i>Durable Goods--Continued</i>											
TRANSPORTATION EQUIPMENT--Continued											
3732	Boat building and repairing.....		37.7	36.6	34.7	38.3		30.7	29.6	27.3	30.4
374	Railroad equipment.....		50.7	48.6	53.7	53.0		39.0	36.8	41.5	40.9
375,9	Other transportation equipment.....	-	118.4	114.2	105.1	104.4	-	97.8	93.7	86.8	85.5
38	INSTRUMENTS AND RELATED PRODUCTS	427.3	427.9	426.1	462.6	465.5	254.9	255.4	253.5	281.0	283.7
381	Engineering & scientific instruments.....	-	58.5	58.7	69.1	70.0	-	27.4	27.2	34.0	34.1
382	Mechanical measuring & control devices.....	97.2	97.4	97.1	109.6	112.1	57.9	58.0	57.7	67.5	69.9
3821	Mechanical measuring devices.....	-	60.4	60.0	69.5	71.6	-	33.7	33.3	40.3	42.4
3822	Automatic temperature controls.....	-	37.0	37.1	40.1	40.5	-	24.3	24.4	27.2	27.5
383,5	Optical and ophthalmic goods.....	(*)	51.1	50.9	53.8	53.6	(*)	35.2	35.1	36.8	36.9
385	Ophthalmic goods.....	-	35.0	35.1	35.9	35.7	-	26.2	26.4	27.0	27.0
384	Medical instruments and supplies.....	88.1	85.9	84.9	85.0	85.1	58.3	56.8	56.2	56.8	57.1
386	Photographic equipment and supplies.....	(*)	105.2	104.8	111.4	110.7	(*)	53.9	53.5	58.4	58.0
387	Watches, clocks, and watchcases.....	-	29.8	29.7	33.7	34.0	-	24.1	23.8	27.5	27.7
MISCELLANEOUS MANUFACTURING INDUSTRIES											
39	INDUSTRIES	411.3	405.8	400.4	426.7	422.4	318.6	312.9	307.7	329.5	325.0
391	Jewelry, silverware, and plated ware.....	49.9	49.3	49.4	51.2	51.5	37.3	36.7	36.8	38.5	38.7
394	Toys and sporting goods.....	-	113.6	108.2	117.6	115.1	-	91.9	87.0	95.0	51.6
3941-3	Games, toys, dolls, & play vehicles.....	-	61.6	56.7	67.7	64.5	-	49.0	44.7	54.9	92.2
3949	Sporting and athletic goods, n e c.....	-	52.0	51.5	49.9	50.6	-	42.9	42.3	40.1	40.6
395	Pens, pencils, office, and art supplies.....	-	32.3	32.1	35.8	35.5	-	22.8	22.5	25.7	25.6
396	Costume jewelry and notions.....	-	54.2	53.6	57.8	57.3	-	44.0	43.4	47.3	46.6
393,9	Other manufacturing industries.....	159.2	156.4	157.1	164.3	163.0	120.6	117.5	118.0	123.0	121.9
393	Musical instruments and parts.....	-	20.4	20.9	22.1	22.5	-	15.9	16.3	17.2	17.5
<i>Nondurable Goods</i>											
20	FOOD AND KINDRED PRODUCTS	1,765.3	1,702.8	1,687.4	1,796.7	1,736.7	1,185.6	1,126.3	1,112.9	1,202.9	1,149.9
201	Meat products.....	344.1	335.6	333.2	345.2	335.1	282.7	274.2	271.7	280.4	270.8
2011	Meat packing plants.....	-	179.1	180.4	184.7	183.6	-	143.0	144.1	145.4	144.1
2013	Sausages and other prepared meats.....	-	60.4	60.3	59.6	57.9	-	43.9	44.0	42.9	41.6
2015	Poultry dressing plants.....	-	96.1	92.5	100.9	93.6	-	87.3	83.6	92.1	85.1
202	Dairy products.....	(*)	234.8	233.7	248.6	243.6	(*)	112.7	111.8	120.1	115.6
2024	Ice cream and frozen desserts.....	-	24.4	23.5	26.3	24.7	-	12.7	12.1	14.1	12.9
2026	Fluid milk.....	-	164.6	164.6	174.3	172.6	-	64.4	64.4	68.5	66.9
203	Canned, cured, and frozen foods.....	-	239.6	232.4	274.1	246.8	-	193.7	186.7	227.4	201.9
2031,6	Canned, cured, and frozen sea foods.....	-	34.0	34.9	43.2	40.4	-	29.1	29.8	37.9	35.3
2032,3	Canned food, except sea foods.....	-	113.8	105.7	126.5	111.6	-	86.9	79.2	100.2	85.9
2037	Frozen fruits and vegetables.....	-	61.2	61.7	70.2	65.3	-	53.8	54.3	62.3	58.1
204	Grain mill products.....	141.4	136.1	133.7	138.8	135.8	101.6	96.6	93.9	99.3	96.6
2041	Flour and other grain mill products.....	-	27.7	28.3	28.8	28.1	-	20.3	20.9	21.3	20.6
2042	Prepared feeds for animals and fowls.....	-	68.2	64.8	67.9	66.5	-	45.8	42.3	46.2	44.9
205	Bakery products.....	280.1	276.1	274.9	284.1	279.9	165.6	161.6	161.1	168.3	164.6
2051	Bread, cake, and related products.....	-	230.3	228.1	236.5	234.3	-	124.6	123.3	129.6	127.7
2052	Cookies and crackers.....	-	45.8	46.8	47.6	45.6	-	37.0	37.8	38.7	36.9
206	Sugar.....	-	29.5	29.2	30.2	31.9	-	21.6	21.3	21.8	23.2
207	Confectionery and related products.....	78.6	77.4	77.9	82.7	79.7	63.1	61.6	62.3	66.6	64.0
2071	Confectionery products.....	-	60.7	61.5	65.8	63.3	-	49.1	50.0	53.9	51.8
208	Beverages.....	(*)	236.2	233.9	248.6	241.2	(*)	116.3	114.9	126.0	121.7
2082	Malt liquors.....	-	57.8	57.1	61.9	60.7	-	38.8	38.2	41.3	40.6
2086	Bottled and canned soft drinks.....	-	133.1	131.7	139.2	133.6	-	48.7	48.3	53.1	49.9
209	Misc. foods and kindred products.....	139.9	137.5	138.5	144.4	142.7	90.4	88.0	89.2	93.0	91.5
21	TOBACCO MANUFACTURES	67.0	66.1	66.9	71.4	70.8	54.9	54.2	55.0	58.2	57.7
211	Cigarettes.....	-	39.8	39.5	42.0	41.2	-	32.0	31.8	33.9	33.1
212	Cigars.....	-	15.5	15.8	17.4	17.4	-	14.0	14.3	15.7	15.8
22	TEXTILE MILL PRODUCTS	951.9	940.1	938.8	971.5	967.2	836.0	825.1	823.2	853.1	849.0
221	Weaving mills, cotton.....	216.9	215.5	217.2	222.4	221.1	197.0	195.7	197.2	202.1	200.7
222	Weaving mills, synthetics.....	92.0	91.9	92.6	96.1	96.1	81.6	81.2	81.6	84.4	84.5
223	Weaving and finishing mills, wool.....	32.6	32.2	32.8	41.0	40.9	27.4	27.1	27.6	35.2	35.1
224	Narrow fabric mills.....	30.3	29.8	29.9	30.2	30.4	26.6	26.2	26.3	26.7	26.8
225	Knitting mills.....	233.0	228.3	225.0	239.5	237.6	204.3	200.1	196.9	210.5	208.4
2251	Women's hosiery, except socks.....	-	50.8	51.7	64.7	64.0	-	45.2	45.2	58.1	57.5
2252	Hosiery, n e c.....	-	33.5	33.0	35.9	35.4	-	30.0	29.5	32.1	31.5
2253	Knit outerwear mills.....	-	72.5	69.5	69.3	68.5	-	62.6	59.8	60.1	59.2
2254	Knit underwear mills.....	-	29.7	29.6	29.7	29.6	-	26.2	26.1	26.1	25.9

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 ¹				
		June 1971 ^P	May 1971 ^P	Apr. 1971	June 1970	May 1970	June 1971 ^P	May 1971 ^P	Apr. 1971	June 1970	May 1970
<i>Nondurable Goods--Continued</i>											
30	RUBBER AND PLASTICS PRODUCTS, N.E.C.	569.3	562.5	558.5	572.5	543.2	439.4	433.0	428.5	436.5	408.2
301	Tires and inner tubes.....	119.1	118.5	117.7	112.0	90.9	84.0	83.6	82.7	75.1	55.0
302,3,6	Other rubber products.....	166.6	164.8	164.7	168.7	165.3	130.9	129.0	128.3	130.3	127.2
302	Rubber footwear.....	-	25.6	25.8	24.2	23.7	-	22.3	22.3	20.8	20.2
307	Miscellaneous plastics products.....	283.6	279.2	276.1	291.8	287.0	224.5	220.4	217.5	231.1	226.2
31	LEATHER AND LEATHER PRODUCTS...	323.7	317.0	315.1	336.5	329.2	276.2	270.7	268.1	288.4	280.8
311	Leather tanning and finishing.....	27.4	27.0	26.9	28.3	28.0	23.5	23.3	23.2	24.5	24.2
314	Footwear, except rubber.....	217.6	213.0	211.7	225.4	221.2	188.9	185.2	183.3	196.9	192.0
312,3,5-7,9	Other leather products.....	78.7	77.0	76.5	82.8	80.0	63.8	62.2	61.6	67.0	64.6
316	Luggage.....	-	16.5	16.7	18.5	17.9	-	12.5	12.6	14.1	13.6
317	Handbags and personal leather goods.....	-	34.6	34.1	35.3	33.4	-	29.0	28.4	29.7	27.9
TRANSPORTATION AND PUBLIC UTILITIES.....											
40	RAILROAD TRANSPORTATION.....	4,548	4,487	4,455	4,561	4,469	3,935	3,880	3,848	3,957	3,865
4011	Class I railroads ²	-	610.9	609.4	640.7	633.1	-	-	-	-	-
LOCAL AND INTERURBAN PASSENGER TRANSPORTATION.....											
41	TRANSIT.....	-	283.6	278.4	285.9	293.0	-	-	-	-	-
411	Local and suburban transportation.....	-	70.0	69.7	75.9	75.6	-	65.9	65.6	71.6	71.2
412	Taxicabs.....	-	109.7	110.4	114.8	113.9	-	-	-	-	-
413	Intercity highway transportation.....	-	42.9	42.0	43.8	43.5	-	39.2	38.4	40.4	40.0
42	TRUCKING AND WAREHOUSING.....	-	1,096.0	1,083.7	1,103.7	1,051.2	-	985.5	973.8	996.6	942.2
421,3	Trucking and trucking terminals.....	-	1,011.6	997.5	1,017.0	968.0	-	913.9	900.2	922.5	870.9
422	Public warehousing.....	-	84.4	86.2	86.7	83.2	-	71.6	73.6	74.1	71.3
45	TRANSPORTATION BY AIR.....	-	332.0	330.7	350.3	348.8	-	-	-	-	-
451,2	Air transportation.....	-	303.3	302.2	318.2	316.2	-	-	-	-	-
46	PIPE LINE TRANSPORTATION.....	-	17.5	17.5	18.2	17.2	-	13.6	13.6	14.5	13.6
44,47	OTHER TRANSPORTATION AND SERVICES.....	-	310.2	306.8	333.0	331.3	-	-	-	-	-
44	WATER TRANSPORTATION.....	-	205.4	203.7	226.0	226.1	-	-	-	-	-
47	TRANSPORTATION SERVICES.....	-	104.8	103.1	107.0	105.2	-	-	-	-	-
48	COMMUNICATION.....	-	1,147.6	1,143.0	1,133.7	1,118.5	-	899.0	895.2	888.7	874.2
481	Telephone communication.....	-	954.2	951.3	944.4	930.3	-	756.4	753.9	750.7	737.4
482	Telegraph communication ³	-	(*)	29.2	31.4	31.7	-	(*)	19.8	21.4	21.5
483	Radio and television broadcasting.....	-	139.6	138.5	137.9	136.9	-	113.4	112.3	109.3	108.2
49	ELECTRIC, GAS, AND SANITARY SERVICES.....	-	688.7	685.3	695.2	675.5	-	589.6	586.9	599.2	580.5
491	Electric companies and systems.....	-	284.1	282.3	287.4	280.5	-	241.6	240.2	245.2	239.0
492	Gas companies and systems.....	-	161.8	161.2	165.3	159.0	-	137.1	136.6	141.5	135.4
493	Combination companies and systems.....	-	188.1	187.6	189.5	184.5	-	162.8	162.5	165.8	161.1
494-7	Water, steam, & sanitary systems.....	-	54.7	54.2	53.0	51.5	-	48.1	47.6	46.7	45.0
-	WHOLESALE AND RETAIL TRADE.....	15,197	15,125	15,017	14,994	14,878	13,482	13,417	13,313	13,344	13,228
50	WHOLESALE TRADE.....	3,893	3,851	3,837	3,872	3,813	3,252	3,214	3,201	3,258	3,202
501	Motor vehicles & automotive equipment.....	-	339.4	337.8	325.4	321.6	-	274.4	273.0	266.5	263.5
502	Drugs, chemicals, and allied products.....	-	236.4	237.6	236.5	232.5	-	189.5	190.8	192.4	188.4
503	Dry goods and apparel.....	-	149.8	148.6	151.5	149.0	-	117.7	117.6	119.3	117.0
504	Groceries and related products.....	-	549.0	541.6	560.7	543.4	-	480.4	473.7	492.9	475.6
506	Electrical goods.....	-	351.4	350.7	331.1	324.6	-	295.7	295.3	280.2	274.4
507	Hardware, plumbing & heating equipment.....	-	175.6	174.4	173.3	171.2	-	148.2	147.1	146.7	144.7
508	Machinery, equipment, and supplies.....	-	727.6	727.0	755.8	753.6	-	612.8	610.7	644.1	642.0
509	Miscellaneous wholesalers.....	-	1,242.4	1,238.7	1,254.9	1,237.3	-	1,029.6	1,026.6	1,048.2	1,031.5
52-59	RETAIL TRADE.....	11,304	11,274	11,180	11,122	11,065	10,230	10,203	10,112	10,086	10,026
53	RETAIL GENERAL MERCHANDISE.....	-	2,325.2	2,304.0	2,250.4	2,255.6	-	2,130.4	2,109.0	2,061.8	2,066.9
531	Department stores.....	-	1,509.2	1,490.8	1,462.3	1,459.2	-	1,286.3	1,366.9	1,341.9	1,339.3
532	Mail order houses.....	-	113.1	114.0	120.9	120.3	-	105.2	106.1	111.8	111.3
533	Variety stores.....	-	330.8	337.2	312.6	319.3	-	305.3	311.9	288.9	295.1
54	FOOD STORES.....	-	1,768.2	1,754.1	1,731.7	1,739.4	-	1,642.4	1,629.3	1,610.4	1,616.3
541-3	Grocery, meat, and vegetable stores.....	-	1,598.5	1,586.1	1,560.8	1,567.5	-	1,483.8	1,472.4	1,450.9	1,455.7

See footnotes at end of table.

**ESTABLISHMENT DATA
EMPLOYMENT**

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

SIC Code	Industry	(In thousands)									
		All employees					Production workers ¹				
		June 1971 ^P	May 1971 ^P	Apr. 1971	June 1970	May 1970	June 1971 ^P	May 1971 ^P	Apr. 1971	June 1970	May 1970
WHOLESALE AND RETAIL TRADE (Continued)											
56	APPAREL AND ACCESSORY STORES		708.2	720.0	702.3	705.2	629.6	641.7	630.1	632.0	
561	Men's & boys' clothing & furnishings		125.5	125.7	128.2	127.9	112.4	112.4	114.8	114.1	
562	Women's ready-to-wear stores		268.5	266.1	263.1	265.5	239.4	237.9	236.4	238.1	
565	Family clothing stores		99.5	99.5	100.9	101.6	91.9	91.9	93.9	94.5	
566	Shoe stores		142.0	155.5	136.8	137.1	121.3	134.5	120.2	120.6	
57	FURNITURE AND HOME FURNISHINGS STORES		455.1	454.0	451.8	450.2	394.5	394.2	394.7	392.3	
571	Furniture and home furnishings		289.8	288.6	286.4	285.7	249.9	249.0	248.8	247.7	
58	EATING AND DRINKING PLACES		2,569.7	2,527.0	2,561.7	2,520.0	2,406.3	2,365.5	2,401.9	2,360.4	
52,55,59	OTHER RETAIL TRADE		3,447.5	3,421.0	3,423.9	3,394.1	3,000.0	2,972.4	2,987.1	2,957.8	
52	Building materials and farm equipment . . .		566.0	555.8	569.9	554.6	485.8	476.1	490.2	475.1	
55	Automotive dealers & service stations . . .		1,627.6	1,619.0	1,623.8	1,607.9	-	-	-	-	
551.2	Motor vehicle dealers		764.5	762.5	771.5	767.5	642.8	641.1	652.7	649.4	
553.9	Other automotive & accessory dealers . . .		245.0	239.0	236.6	232.7	211.1	205.5	204.3	200.3	
554	Gasoline service stations		618.1	617.5	615.7	607.7	-	-	-	-	
59	Miscellaneous retail stores		1,253.9	1,246.2	1,230.2	1,231.6	-	-	-	-	
591	Drug stores and proprietary stores		434.0	434.4	442.6	437.3	387.3	387.4	395.4	389.9	
594	Book and stationery stores		65.9	66.1	64.5	65.7	56.6	56.7	55.6	56.5	
596	Farm and garden supply stores		114.0	115.3	111.6	114.0	-	-	-	-	
598	Fuel and ice dealers		103.7	106.6	102.4	102.8	89.1	91.7	88.5	89.0	
FINANCE, INSURANCE, AND REAL ESTATE⁴											
		3,816	3,772	3,749	3,708	3,670	3,005	2,962	2,943	2,937	2,900
60	Banking	-	1,068.9	1,068.3	1,053.6	1,038.0	-	872.6	871.6	869.2	854.9
61	Credit agencies other than banks	-	383.2	381.7	371.9	370.4	298.0	297.2	290.7	288.7	
612	Savings and loan associations	-	117.6	117.1	108.7	107.7	93.5	93.2	86.8	85.7	
614	Personal credit institutions	-	193.9	193.7	194.6	194.7	-	-	-	-	
62	Security, commodity brokers & services . . .	-	199.8	198.4	196.6	203.3	170.0	168.5	167.7	172.9	
63	Insurance carriers	1,079.8	1,078.9	1,057.9	1,051.7	748.8	749.4	743.2	738.6		
631	Life insurance	564.4	565.0	548.4	546.2	334.0	334.8	325.9	323.9		
632	Accident and health insurance	97.5	97.5	94.9	93.6	83.7	83.8	81.9	80.4		
633	Fire, marine, and casualty insurance	371.2	370.3	369.8	367.7	292.7	292.9	298.3	297.5		
64	Insurance agents, brokers, and service . . .	-	281.8	280.0	277.4	273.7	-	-	-	-	
65	Real estate	-	674.5	658.0	666.3	649.8	-	-	-	-	
655	Subdividers and developers	-	103.0	91.7	96.0	93.0	-	-	-	-	
656	Operative builders	-	43.7	41.7	43.9	42.6	-	-	-	-	
66,67	Other finance, insurance, & real estate . . .	-	84.0	83.9	84.2	83.3	-	-	-	-	
SERVICES											
		11,965	11,891	11,800	11,717	11,641	10,855	10,797	10,705	10,655	10,589
70	Hotels and other lodging places	-	752.0	737.6	787.9	759.6	-	-	-	-	-
701	Hotels, tourist courts, and motels	-	659.5	650.1	700.4	681.4	611.8	601.0	650.3	631.8	
72	Personal services	-	961.7	953.7	1,016.0	1,009.8	-	-	-	-	
721	Laundries and dry cleaning plants	-	481.4	477.5	519.2	516.5	436.9	432.8	471.7	469.6	
722	Photographic studios	-	37.7	37.9	38.7	38.9	33.0	33.2	33.1	33.2	
73	Miscellaneous business services	1,579.0	1,560.8	1,564.1	1,562.3	-	-	-	-	-	
731	Advertising	-	116.4	117.3	123.8	123.3	-	-	-	-	
732	Credit reporting and collection	-	77.5	77.1	78.5	77.0	-	-	-	-	
734	Services to buildings	-	301.5	297.5	294.6	290.3	-	-	-	-	
76	Miscellaneous repair services	-	179.4	179.0	179.8	180.3	-	-	-	-	
78	Motion pictures	-	189.4	185.3	198.6	192.3	-	-	-	-	
781	Motion picture filming & distributing	-	39.8	39.7	48.4	45.1	25.7	25.6	32.9	30.5	
782,3	Motion picture theaters and services	-	149.6	145.6	150.2	147.2	-	-	-	-	
80	Medical and other health services	3,233.3	3,220.6	3,091.2	3,043.2	-	-	-	-	-	
806	Hospitals	1,956.1	1,953.6	1,891.1	1,862.1	-	-	-	-	-	
81	Legal services	243.8	243.5	241.1	230.9	-	-	-	-	-	
82	Educational services	1,223.8	1,231.0	1,100.5	1,190.7	-	-	-	-	-	
821	Elementary and secondary schools	420.2	421.0	392.4	403.3	-	-	-	-	-	
822	Colleges and universities	694.4	701.1	615.3	690.0	-	-	-	-	-	
89	Miscellaneous services	650.9	652.6	655.8	644.4	-	-	-	-	-	
891	Engineering & architectural services	303.1	301.3	307.8	302.8	-	-	-	-	-	
892	Nonprofit research agencies	109.1	109.6	106.0	105.8	-	-	-	-	-	

See footnotes at end of table.

**ESTABLISHMENT DATA
EMPLOYMENT**

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

(In thousands)

SIC Code	Industry	All employees					Production workers ¹				
		June 1971 p	May 1971 p	Apr. 1971	June 1970	May 1970	June 1971p	May 1971 p	Apr. 1971	June 1970	May 1970
	GOVERNMENT	13,032	13,097	13,074	12,639	12,726					
91	FEDERAL GOVERNMENT ⁵	2,656	2,659	2,662	2,710	2,765	-	.			
	Executive.....	-	2,620.7	2,622.9	2,672.7	2,728.6	-	-	-	-	.
	Department of Defense	-	999.7	1,001.5	1,044.7	1,048.1	-	-	-	-	.
	Post Office Department.....	-	715.7	718.2	723.9	716.5	-	-	-	-	.
	Other agencies	-	905.3	903.2	904.1	964.0	-	-	-	-	.
	Legislative.....	-	31.1	31.0	30.6	29.5	-	-	-	-	.
	Judicial	-	7.6	7.6	6.8	6.8	-	-	-	-	.
92,93	STATE AND LOCAL GOVERNMENT ...	10,376	10,438	10,412	9,929	9,961	-	.			
92	State government	-	2,809.7	2,812.7	2,666.6	2,691.1	-	-	-	-	.
	State education	-	1,205.9	1,208.1	1,071.2	1,142.1	-	-	-	-	.
	Other State government	-	1,603.8	1,604.6	1,595.4	1,549.0	-	-	-	-	.
93	Local government	-	7,628.4	7,599.4	7,262.0	7,269.9	-	-	-	-	.
	Local education	-	4,409.5	4,409.6	4,028.9	4,160.6	-	-	-	-	.
	Other local government	-	3,218.9	3,189.8	3,233.1	3,109.3	-	-	-	-	.

¹ 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. Transportation and public utilities, and services are included in Total Private but are not shown separately in this table.
² Beginning January 1965, data relate to railroads with operating revenues of \$5,000,000 or more.
³ Data for nonsupervisory workers exclude messengers.
⁴ Data for nonoffice salesmen excluded from nonsupervisory count for all series in this division.
⁵ Prepared by the U.S. Civil Service Commission. Data relate to civilian employment only and exclude Central Intelligence and National Security Agencies.
. Not available.
** Corrected data for January, February, and March 1971 are: All employees-131.5, 129.7, and 128.2; production workers 104.8, 103.8, and 101.4.

ESTABLISHMENT DATA
SEASONALLY ADJUSTED EMPLOYMENT

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

Industry division and group	(In thousands)												
	1971						1970						
	June P	May P	Apr.	Mar.	Feb.	Jan.	Dec.	Nov.	Oct.	Sept.	Aug.	July	June
TOTAL	70,581	70,891	70,735	70,659	70,590	70,652	70,303	70,085	70,182	70,531	70,414	70,587	70,629
GOODS-PRODUCING	22,441	22,612	22,602	22,550	22,549	22,673	22,786	22,466	22,583	23,168	23,195	23,334	23,421
MINING	620	623	623	624	623	625	625	625	621	621	619	618	620
CONTRACT CONSTRUCTION	3,215	3,268	3,289	3,254	3,198	3,241	3,319	3,303	3,278	3,262	3,305	3,314	3,324
MANUFACTURING	18,606	18,721	18,690	18,672	18,728	18,807	18,842	18,538	18,684	19,285	19,271	19,402	19,477
DURABLE GOODS	10,585	10,654	10,623	10,607	10,662	10,717	10,756	10,455	10,602	11,145	11,134	11,217	11,286
Ordnance and accessories	203	201	199	201	206	214	218	223	228	237	240	243	250
Lumber and wood products	576	577	574	576	576	572	569	571	574	575	570	570	575
Furniture and fixtures	459	457	453	451	449	451	450	453	454	457	453	454	453
Stone, clay, and glass products	625	629	626	623	627	625	628	624	630	635	631	628	636
Primary metal industries	1,247	1,260	1,260	1,256	1,255	1,255	1,256	1,249	1,273	1,315	1,298	1,301	1,305
Fabricated metal products	1,333	1,345	1,340	1,309	1,337	1,337	1,344	1,311	1,331	1,395	1,387	1,387	1,388
Machinery, except electrical	1,761	1,775	1,783	1,795	1,805	1,818	1,846	1,855	1,878	1,926	1,939	1,969	1,982
Electrical equipment	1,786	1,796	1,790	1,793	1,786	1,794	1,808	1,803	1,841	1,896	1,903	1,934	1,936
Transportation equipment	1,761	1,775	1,761	1,763	1,776	1,802	1,785	1,515	1,534	1,839	1,841	1,853	1,876
Instruments and related products	426	430	428	429	432	437	439	442	447	452	453	458	461
Miscellaneous manufacturing	408	409	409	411	413	412	413	409	412	418	419	420	424
NONDURABLE GOODS	8,021	8,067	8,067	8,065	8,066	8,090	8,086	8,083	8,082	8,140	8,137	8,185	8,191
Food and kindred products	1,769	1,770	1,769	1,777	1,784	1,783	1,780	1,779	1,769	1,779	1,784	1,789	1,800
Tobacco manufactures	76	76	76	74	76	75	75	77	76	76	82	81	81
Textile mill products	940	944	943	942	946	952	949	945	948	955	954	955	959
Apparel and other textile products	1,370	1,390	1,390	1,384	1,371	1,381	1,378	1,372	1,367	1,380	1,376	1,393	1,385
Paper and allied products	675	683	694	694	695	698	699	700	698	706	703	706	711
Printing and publishing	1,085	1,090	1,088	1,092	1,096	1,099	1,100	1,100	1,102	1,105	1,103	1,105	1,103
Chemicals and allied products	1,028	1,035	1,032	1,032	1,036	1,040	1,042	1,045	1,052	1,056	1,053	1,054	1,055
Petroleum and coal products	190	192	192	193	192	193	192	191	190	190	191	191	193
Rubber and plastics products, nec	566	567	563	561	555	550	553	554	557	569	567	578	570
Leather and leather products	321	320	320	316	315	319	318	320	323	324	324	333	334
SERVICE-PRODUCING	48,140	48,279	48,133	48,109	48,041	47,979	47,517	47,619	47,599	47,363	47,219	47,253	47,208
TRANSPORTATION AND PUBLIC UTILITIES	4,499	4,496	4,491	4,516	4,521	4,499	4,437	4,493	4,509	4,511	4,520	4,539	4,511
WHOLESALE AND RETAIL TRADE	15,129	15,217	15,158	15,151	15,141	15,133	14,851	14,945	15,011	14,961	14,912	14,933	14,927
WHOLESALE TRADE	3,870	3,898	3,888	3,884	3,871	3,868	3,855	3,851	3,857	3,850	3,840	3,856	3,849
RETAIL TRADE	11,259	11,319	11,270	11,267	11,270	11,265	10,996	11,094	11,154	11,111	11,072	11,077	11,078
FINANCE, INSURANCE, AND REAL ESTATE	3,786	3,780	3,764	3,753	3,745	3,746	3,723	3,711	3,696	3,684	3,670	3,676	3,679
SERVICES	11,777	11,820	11,800	11,803	11,785	11,778	11,727	11,695	11,665	11,622	11,521	11,514	11,532
Hotels and other lodging places	-	757	760	761	759	765	763	743	746	754	715	722	749
Personal services	-	957	954	966	968	974	974	984	987	988	983	989	1,000
Medical and other health services	-	3,250	3,230	3,218	3,201	3,192	3,174	3,158	3,144	3,129	3,102	3,086	3,070
Educational services	-	1,178	1,183	1,183	1,171	1,153	1,167	1,159	1,160	1,143	1,143	1,147	1,145
GOVERNMENT	12,949	12,966	12,920	12,886	12,849	12,823	12,779	12,775	12,718	12,585	12,596	12,591	12,559
FEDERAL	2,635	2,662	2,662	2,657	2,659	2,656	2,650	2,661	2,654	2,649	2,659	2,668	2,689
STATE AND LOCAL	10,314	10,304	10,258	10,229	10,190	10,167	10,129	10,114	10,064	9,936	9,937	9,923	9,870

p = preliminary.

ESTABLISHMENT DATA
SEASONALLY ADJUSTED EMPLOYMENT

B-6: Production workers in industrial and construction activities¹
seasonally adjusted

(In thousands)

Major industry group	1971						1970						
	June ^P	May ^P	Apr.	Mar.	Feb.	Jan.	Dec.	Nov.	Oct.	Sept.	Aug.	July	June
TOTAL	16,625	16,766	16,746	16,666	16,658	16,754	16,848	16,514	16,604	17,179	17,201	17,327	17,382
MINING	469	472	472	473	473	475	473	475	472	471	469	469	471
CONTRACT CONSTRUCTION	2,662	2,721	2,742	2,697	2,642	2,684	2,765	2,750	2,727	2,708	2,758	2,768	2,771
MANUFACTURING	13,494	13,573	13,532	13,496	13,543	13,595	13,610	13,289	13,405	14,000	13,974	14,090	14,140
DURABLE GOODS	7,610	7,663	7,626	7,592	7,642	7,679	7,700	7,386	7,504	8,039	8,019	8,082	8,134
Ordnance and accessories	103	102	100	102	106	110	114	118	122	128	129	131	137
Lumber and wood products	496	497	495	496	496	492	488	492	495	495	491	491	495
Furniture and fixtures	379	376	372	370	370	371	370	373	374	377	372	373	372
Stone, clay, and glass products	495	499	497	493	496	496	499	495	500	505	500	499	505
Primary metal industries	991	1,001	999	996	992	992	990	981	1,005	1,047	1,031	1,033	1,034
Fabricated metal products	1,010	1,023	1,020	989	1,013	1,014	1,021	985	1,002	1,067	1,060	1,058	1,057
Machinery, except electrical	1,142	1,154	1,160	1,170	1,179	1,190	1,209	1,218	1,233	1,281	1,288	1,316	1,321
Electrical equipment and supplies	1,180	1,188	1,181	1,179	1,175	1,181	1,188	1,181	1,213	1,258	1,266	1,289	1,297
Transportation equipment	1,244	1,250	1,232	1,226	1,239	1,254	1,239	967	977	1,286	1,285	1,290	1,309
Instruments and related products	254	257	255	255	258	261	262	264	267	273	274	278	280
Miscellaneous manufacturing industries	316	316	315	316	318	318	320	312	316	322	323	324	327
NONDURABLE GOODS	5,884	5,910	5,906	5,904	5,901	5,916	5,910	5,903	5,901	5,961	5,955	6,008	6,006
Food and kindred products	1,196	1,191	1,190	1,197	1,202	1,199	1,197	1,194	1,184	1,193	1,198	1,203	1,214
Tobacco manufactures	63	64	64	61	63	63	62	64	63	63	69	67	67
Textile mill products	825	828	827	826	830	835	831	828	830	839	837	839	842
Apparel and other textile products	1,200	1,219	1,217	1,212	1,199	1,208	1,207	1,200	1,196	1,210	1,206	1,223	1,214
Paper and allied products	514	519	530	530	532	535	536	538	535	543	540	544	549
Printing and publishing	664	666	666	670	672	673	677	675	676	680	676	680	679
Chemicals and allied products	594	595	591	591	593	595	595	597	603	606	602	605	603
Petroleum and coal products	117	118	117	118	117	117	116	116	116	115	117	118	118
Rubber and plastics products, nec	437	437	432	431	424	420	419	419	423	436	433	444	434
Leather and leather products	274	273	272	268	269	271	270	272	275	276	277	285	286

¹For mining and manufacturing, data refer to production and related workers; for contract construction, data relate to construction workers.

p = preliminary.

**ESTABLISHMENT DATA
STATE AND AREA EMPLOYMENT**

B-7: Employees on nonagricultural payrolls

(In thousands)

	State and area	TOTAL			Mining			Contract construction			Manufacturing		
		May 1971 ^P	Apr. 1971	May 1970	May 1971 ^P	Apr. 1971	May 1970	May 1971 ^P	Apr. 1971	May 1970	May 1971 ^P	Apr. 1971	May 1970
1	ALABAMA	1,014.7	1,009.1	1,011.2	8.0	8.1	8.2	55.4	52.2	51.4	319.2	318.4	321.9
2	Birmingham	266.1	265.2	261.7	5.4	5.4	5.5	16.2	15.8	14.4	72.8	72.3	73.0
3	Huntsville	77.2	76.8	78.0	(1)	(1)	(1)	2.4	2.2	2.7	12.7	12.7	13.9
4	Mobile	103.7	103.3	106.8	(1)	(1)	(1)	6.5	6.7	6.7	23.6	23.4	25.5
5	Montgomery	69.0	69.1	68.5	(1)	(1)	(1)	4.7	4.6	4.9	10.1	10.1	10.3
6	Tuscaloosa	38.6	38.5	36.8	(1)	(1)	(1)	2.2	2.1	2.0	10.4	10.5	9.1
7	ALASKA	93.2	88.0	92.2	2.3	2.3	2.9	6.6	4.7	7.3	8.3	6.0	8.6
8	ARIZONA	558.7	559.2	547.2	21.4	21.3	20.4	40.2	39.1	38.8	85.6	85.2	92.4
9	Phoenix	331.9	332.0	327.5	.2	.2	.2	22.2	21.3	22.5	65.5	65.1	72.2
10	Tucson	110.0	110.9	105.0	7.0	7.0	6.4	10.7	10.4	9.7	9.1	9.2	9.5
11	ARKANSAS	537.7	534.4	532.7	4.5	4.6	4.6	26.6	25.7	26.1	165.7	164.0	166.1
12	Fayetteville	27.4	26.7	27.0	(1)	(1)	(1)	1.5	1.4	1.2	7.3	6.8	7.4
13	Fort Smith	46.4	46.4	47.6	.6	.6	.6	2.3	2.4	3.5	16.9	16.9	17.1
14	Little Rock-North Little Rock	122.0	121.7	122.2	(1)	(1)	(1)	6.4	6.4	7.3	27.0	26.8	27.7
15	Pine Bluff	23.9	23.9	24.2	(1)	(1)	(1)	.8	.8	.8	5.6	5.6	5.6
16	CALIFORNIA	6,944.0	6,923.7	6,993.5	29.5	29.3	31.6	291.9	285.4	310.3	1,451.2	1,454.4	1,570.7
17	Anaheim-Santa Ana-Garden Grove	427.4	428.2	427.4	1.8	1.8	1.8	23.1	23.5	23.5	114.7	115.1	123.5
18	Bakersfield	89.8	88.3	89.9	6.1	6.1	6.3	3.5	3.6	4.0	7.8	7.7	7.8
19	Fresno	118.6	116.7	116.2	.9	.9	.9	4.8	4.7	4.8	17.6	17.1	17.0
20	Los Angeles-Long Beach	2,839.5	2,836.1	2,893.2	10.7	10.8	11.2	103.5	103.1	113.7	743.8	744.7	821.2
21	Modesto	52.1	52.4	52.3	.1	.1	.1	2.9	2.7	3.3	12.3	12.9	12.1
22	Oxnard-Ventura	95.1	95.0	95.2	1.8	1.8	1.9	4.8	4.7	5.0	13.0	13.2	13.5
23	Sacramento	265.2	264.1	262.2	.1	.1	.1	11.8	11.1	11.6	21.0	20.4	22.1
24	Salinas-Monterey	64.2	63.2	62.4	.5	.5	.5	2.3	2.3	2.4	7.6	7.5	7.3
25	San Bernardino-Riverside-Ontario	300.0	299.9	297.6	2.5	2.5	2.4	14.3	14.2	14.7	51.3	50.5	52.8
26	San Diego	386.2	386.2	386.6	.5	.5	.5	19.9	19.5	21.0	61.6	62.3	68.2
27	San Francisco-Oakland	1,261.0	1,259.0	1,259.9	1.8	1.8	1.8	60.8	59.9	62.8	193.9	194.4	204.8
28	San Jose	378.8	379.1	381.6	.1	.1	.2	16.9	16.1	17.8	116.2	118.1	124.1
29	Santa Barbara	81.6	81.8	82.9	1.0	1.0	1.0	2.9	2.9	3.6	10.1	10.1	10.7
30	Santa Rosa	51.4	51.1	51.3	.3	.3	.3	2.2	2.2	2.3	6.8	6.6	7.1
31	Stockton	89.6	87.9	88.5	.1	.1	.1	3.2	3.1	3.3	17.1	16.7	16.5
32	Vallejo-Napa	67.6	66.7	68.4	.2	.2	.2	2.3	2.3	2.1	6.4	6.0	6.7
33	COLORADO	754.6	749.1	735.0	13.2	13.3	14.1	41.0	39.9	39.1	115.2	113.9	116.4
34	Denver	490.5	487.7	476.3	4.8	4.8	5.2	29.7	29.1	26.9	84.5	83.8	85.1
35	CONNECTICUT	1,180.0	1,176.9	1,209.1	(2)	(2)	(2)	55.1	52.8	60.5	406.3	408.8	451.8
36	Bridgeport	146.2	145.8	149.1	(2)	(2)	(2)	6.1	5.9	6.2	62.7	63.1	67.3
37	Hartford	322.0	321.3	325.6	(2)	(2)	(2)	16.8	15.6	16.2	89.5	91.0	103.9
38	New Britain	44.4	44.2	46.7	(2)	(2)	(2)	2.0	1.7	1.9	22.1	22.1	24.5
39	New Haven	156.9	157.4	160.1	(2)	(2)	(2)	8.2	7.8	8.3	39.2	39.4	43.6
40	Stamford	82.9	82.2	83.7	(2)	(2)	(2)	4.1	3.9	4.1	26.6	26.5	28.9
41	Waterbury	76.4	76.0	78.9	(2)	(2)	(2)	3.9	3.6	4.2	34.1	34.1	37.0
42	DELAWARE	210.6	210.8	217.1	(1)	(1)	(1)	12.2	12.8	14.2	70.9	70.0	73.8
43	Wilmington	188.5	188.3	195.4	(1)	(1)	(1)	11.3	11.9	13.2	67.5	66.7	69.8
44	DISTRICT OF COLUMBIA ³	693.8	693.9	683.2	(1)	(1)	(1)	20.8	20.5	20.1	18.3	18.1	18.7
45	Washington SMSA	1,185.7	1,180.2	1,154.0	(1)	(1)	(1)	72.0	70.0	69.7	42.5	42.1	43.5
46	FLORIDA	2,189.4	2,210.4	2,154.7	8.0	8.3	8.4	168.0	167.1	170.6	316.7	318.0	326.5
47	Fort Lauderdale-Hollywood	173.0	176.0	175.8	(1)	(1)	(1)	20.4	19.5	24.4	18.6	18.4	20.6
48	Jacksonville	192.2	192.4	193.4	(1)	(1)	(1)	11.8	11.7	12.2	24.5	24.4	25.0
49	Miami	514.1	516.4	500.7	(1)	(1)	(1)	32.8	32.8	31.5	77.9	78.0	77.8
50	Orlando	149.8	150.4	137.8	(1)	(1)	(1)	19.0	18.7	13.9	21.0	21.0	20.3
51	Pensacola	67.7	67.2	67.7	(1)	(1)	(1)	5.2	5.1	5.2	14.2	14.1	14.4
52	Tampa-St. Petersburg	313.1	316.5	308.1	(1)	(1)	(1)	25.4	25.1	25.8	52.3	53.4	54.1
53	West Palm Beach	108.8	112.0	107.8	(1)	(1)	(1)	8.4	8.2	10.3	19.9	19.9	20.4
54	GEORGIA	1,549.9	1,549.7	1,545.4	7.0	7.0	7.0	80.2	78.4	77.9	449.1	448.0	464.1
55	Atlanta	614.7	613.7	610.2	(1)	(1)	(1)	34.9	33.0	32.4	114.4	114.5	124.2

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 1971P	Apr. 1971	May 1970	May 1971P	Apr. 1971	May 1970	May 1971P	Apr. 1971	May 1970	May 1971P	Apr. 1971	May 1970	May 1971P	Apr. 1971	May 1970	
54.8	54.4	55.3	189.2	188.4	190.1	42.1	42.1	41.2	132.1	131.8	131.6	213.9	213.7	211.5	1
19.0	19.0	18.8	61.1	61.1	59.9	17.2	17.2	16.6	37.3	37.4	36.9	37.1	37.0	36.6	2
1.7	1.7	1.7	11.6	11.5	11.4	2.0	2.0	2.0	16.9	16.9	17.3	29.9	29.8	29.0	3
9.9	9.8	10.0	25.9	25.5	26.3	5.0	5.0	4.9	16.0	16.0	16.1	16.8	16.9	17.3	4
4.1	4.1	4.0	15.6	15.8	15.7	4.6	4.6	4.2	10.9	10.8	10.7	19.0	19.1	18.7	5
1.6	1.6	1.6	6.4	6.4	6.3	1.3	1.3	1.2	3.7	3.7	3.8	13.0	12.9	12.8	6
9.1	8.8	9.0	14.9	14.8	15.2	3.3	3.2	3.0	11.5	11.3	11.4	37.2	36.9	34.8	7
30.6	30.6	29.4	131.3	132.0	126.2	31.0	30.9	29.8	92.0	93.6	90.6	126.6	126.5	119.6	8
18.1	18.1	17.3	83.3	83.7	80.6	23.1	23.1	22.1	56.2	57.2	54.3	63.3	63.3	58.3	9
5.9	5.9	5.8	24.5	24.9	23.5	4.9	4.8	4.8	19.3	20.0	18.9	28.6	28.7	26.4	10
32.3	32.3	32.0	107.4	107.0	106.0	21.7	21.5	21.4	75.6	75.3	73.5	103.9	104.0	103.0	11
2.4	2.4	2.2	5.2	5.2	5.2	.6	.6	.6	3.5	3.5	3.3	6.9	6.8	7.1	12
2.7	2.7	2.7	9.3	9.2	9.4	1.5	1.5	1.4	7.0	7.0	6.8	6.1	6.1	6.1	13
9.5	9.4	9.5	27.2	27.2	26.7	8.6	8.6	8.5	18.6	18.5	18.3	24.7	24.8	24.2	14
3.3	3.2	3.1	4.7	4.7	4.6	.9	.9	.9	3.2	3.2	3.4	5.4	5.5	5.8	15
458.1	455.9	443.0	1,548.5	1,538.8	1,530.3	393.6	392.8	383.3	1,305.5	1,300.5	1,275.5	1,465.7	1,466.6	1,448.8	16
15.2	15.1	14.0	103.5	103.3	100.7	23.6	23.6	22.5	74.7	74.9	73.0	70.8	70.9	68.4	17
6.0	5.9	6.1	20.8	20.0	20.7	3.7	3.7	3.6	15.3	14.8	15.2	26.6	26.5	26.2	18
7.8	7.6	7.7	30.2	29.8	29.7	5.4	5.4	5.4	21.8	21.6	21.5	30.1	29.6	29.2	19
173.8	174.0	165.5	644.6	642.0	638.7	174.5	174.3	171.5	556.9	554.8	542.6	431.7	432.4	428.8	20
2.5	2.4	2.5	11.6	11.6	11.8	1.5	1.5	1.6	10.4	10.4	9.9	10.8	10.8	11.0	21
4.1	4.1	4.2	22.5	22.3	22.5	3.6	3.6	3.5	15.6	15.7	15.4	29.7	29.6	29.2	22
17.6	17.3	17.0	53.9	53.8	52.4	10.8	10.8	10.5	39.7	39.8	38.1	110.3	110.8	110.4	23
4.4	4.3	4.2	16.4	15.9	16.1	2.4	2.4	2.3	12.5	12.2	12.3	18.1	18.1	17.3	24
17.7	17.7	17.9	69.0	68.9	66.4	10.5	10.4	10.0	57.6	58.2	56.2	77.1	77.5	77.2	25
20.6	20.5	19.6	87.2	87.0	85.2	19.0	18.9	18.3	76.1	76.3	75.1	101.3	101.2	98.7	26
131.6	131.9	127.6	267.2	266.1	266.2	100.5	100.4	98.3	229.3	228.3	223.5	275.9	276.2	274.9	27
17.5	17.3	16.6	73.9	73.6	71.3	13.8	13.8	13.5	77.5	77.2	76.8	62.9	62.9	61.3	28
3.6	3.6	3.6	18.0	18.1	18.2	3.4	3.4	3.3	20.5	20.5	20.4	22.1	22.2	22.1	29
2.7	2.6	2.6	12.9	12.7	12.6	3.3	3.3	3.2	9.3	9.3	9.2	13.9	14.1	14.0	30
6.8	6.7	6.8	19.3	18.8	19.4	3.1	3.1	3.0	15.2	14.7	14.6	24.8	24.7	24.8	31
3.5	3.5	3.5	12.4	12.1	12.2	1.8	1.8	1.8	11.0	10.9	11.0	30.0	29.9	30.9	32
53.0	52.4	50.8	177.5	176.2	171.0	40.6	40.3	39.9	133.8	133.4	129.0	180.3	179.7	174.7	33
36.8	36.5	35.2	122.3	121.5	115.8	29.9	29.8	30.0	89.8	89.4	87.8	92.7	92.8	90.3	34
54.9	54.7	54.4	233.3	231.8	226.5	76.5	76.3	72.7	191.8	191.2	185.4	161.9	161.4	157.8	35
6.4	6.4	6.4	28.9	28.7	28.2	4.9	4.9	4.8	21.7	21.4	21.2	15.4	15.4	15.1	36
12.8	12.8	12.3	65.0	64.4	62.5	45.1	45.1	42.0	48.2	48.1	44.8	44.5	44.5	43.9	37
1.4	1.4	1.4	7.2	7.2	7.3	1.3	1.3	1.2	5.3	5.3	5.2	5.1	5.3	5.0	38
14.5	14.4	14.3	32.9	32.8	32.2	8.6	8.5	8.2	33.4	34.3	33.6	20.2	20.1	20.0	39
3.6	3.6	3.4	17.4	17.3	17.2	5.0	5.0	4.6	18.1	17.8	17.7	8.1	8.1	7.9	40
3.3	3.3	3.3	13.2	13.1	12.9	2.4	2.4	2.2	10.7	10.6	10.5	8.9	8.9	8.8	41
11.3	11.3	11.4	42.9	43.0	45.2	9.6	9.5	9.2	29.8	30.0	30.6	33.9	34.2	32.7	42
9.9	9.9	10.2	37.2	37.1	39.0	8.5	8.5	8.4	25.5	25.4	27.5	28.6	28.8	27.3	43
29.2	29.6	31.1	80.2	80.6	80.9	33.1	33.1	33.8	141.7	141.1	136.5	370.5	370.9	362.1	44
59.6	59.6	59.9	231.6	230.4	225.4	69.3	68.4	69.1	261.6	260.0	251.8	449.1	449.7	434.6	45
158.3	158.1	152.1	576.8	588.2	558.9	136.0	135.5	131.9	405.2	415.5	396.6	420.4	419.7	409.7	46
10.1	9.9	9.5	51.1	52.9	49.6	11.4	11.3	11.6	34.1	36.6	34.3	27.3	27.4	25.8	47
20.9	20.9	20.8	52.5	52.4	52.2	18.9	19.0	18.5	30.1	30.6	30.1	33.5	33.4	34.6	48
56.8	56.6	53.7	137.5	138.2	133.1	33.7	33.5	32.9	115.2	117.4	113.5	60.2	59.9	58.2	49
8.8	8.8	8.4	40.6	41.7	38.9	10.0	10.0	9.5	26.8	26.7	24.5	23.6	23.5	22.3	50
3.7	3.7	3.6	14.2	14.1	14.1	2.6	2.6	2.7	9.3	9.1	9.4	18.5	18.5	18.3	51
22.1	21.5	21.1	91.5	92.8	87.7	18.6	18.4	18.2	58.1	60.3	56.4	45.1	45.0	44.8	52
5.2	5.2	5.0	28.4	29.5	27.7	7.0	7.3	6.6	22.8	24.8	21.3	17.1	17.1	16.5	53
106.9	107.0	106.4	328.2	330.1	328.7	79.7	79.7	76.8	190.0	189.9	187.1	308.8	309.6	297.4	54
59.3	59.0	58.9	167.7	168.4	164.5	45.5	45.4	44.1	94.1	93.8	92.5	98.8	99.6	93.6	55

**ESTABLISHMENT DATA
STATE AND AREA EMPLOYMENT**

B-7: Employees on nonagricultural payrolls

(In thousands)

	State and area	TOTAL			Mining			Contract construction			Manufacturing		
		May 1971 ^P	Apr. 1971	May 1970	May 1971 ^P	Apr. 1971	May 1970	May 1971 ^P	Apr. 1971	May 1970	May 1971 ^P	Apr. 1971	May 1970
1	GEORGIA (continued)												
2	Augusta	88.8	88.3	86.8	(1)	(1)	(1)	5.9	5.7	4.4	29.2	29.1	29.8
3	Columbus	69.2	68.8	69.5	(1)	(1)	(1)	3.5	3.3	4.4	18.6	18.5	19.0
4	Macon	78.4	78.0	79.2	(1)	(1)	(1)	3.8	3.7	5.3	14.0	13.7	14.1
	Savannah	64.9	65.1	67.7	(1)	(1)	(1)	4.2	4.1	4.7	14.7	14.7	16.1
5	HAWAII	295.1	295.1	289.5	(1)	(1)	(1)	22.5	22.6	25.5	24.4	24.1	25.9
6	Honolulu	251.0	251.1	246.4	(1)	(1)	(1)	19.7	19.8	22.5	17.7	17.3	19.3
7	IDAHO	209.9	207.0	203.9	3.5	3.4	3.4	10.4	9.8	10.1	39.2	38.0	39.7
8	Boise	43.2	43.0	40.8	(1)	(1)	(1)	2.5	2.4	2.7	4.9	4.8	4.6
9	ILLINOIS	4,293.0	4,267.2	4,300.9	22.8	22.6	23.2	178.3	169.5	184.3	1,274.9	1,271.8	1,328.6
10	Chicago ⁴	2,948.3	2,930.4	2,941.2	4.2	4.3	4.6	116.5	110.1	121.5	887.3	886.5	918.6
11	Chicago-Northwestern Indiana	(*)	3,154.2	3,164.6	(*)	4.3	4.7	(*)	123.3	134.6	(*)	994.1	1,026.5
12	Davenport-Rock Island-Moline	131.4	130.7	132.8	(2)	(2)	(2)	6.6	6.4	5.4	40.9	40.7	43.8
13	Peoria	128.5	128.1	130.8	(2)	(2)	(2)	7.6	7.5	7.6	45.0	45.6	49.0
14	Rockford	104.8	103.5	110.1	(2)	(2)	(2)	4.2	3.7	3.6	48.7	47.8	54.5
15	INDIANA	1,836.3	1,824.9	1,862.0	7.3	7.2	7.1	71.0	68.1	81.7	697.1	695.0	719.6
16	Evansville	91.0	90.3	87.9	1.4	1.4	1.4	4.3	4.3	2.8	35.2	34.8	34.1
17	Fort Wayne	117.9	117.4	118.9	(1)	(1)	(1)	4.7	4.3	5.2	42.6	42.6	44.2
18	Gary-Hammond-East Chicago ⁴	222.4	221.1	223.4	(1)	(1)	(1)	11.6	11.3	13.1	107.5	107.0	107.9
19	Indianapolis	412.8	410.9	422.1	(1)	(1)	(1)	17.6	16.8	19.6	122.6	122.9	129.9
20	Muncie	46.9	46.8	47.4	(1)	(1)	(1)	1.7	1.6	1.9	17.6	17.7	19.0
21	South Bend	91.7	91.2	94.6	(1)	(1)	(1)	3.6	3.4	4.1	30.1	29.9	32.6
22	Terre Haute	56.0	55.0	56.0	1.2	1.2	1.0	3.0	2.1	3.1	15.2	15.1	15.1
23	IOWA	882.4	878.4	881.5	3.1	2.9	3.1	39.8	39.0	40.1	200.7	201.7	213.5
24	Cedar Rapids	63.0	63.1	64.9	(1)	(1)	(1)	2.7	2.8	2.7	22.3	22.5	24.9
25	Des Moines	130.6	129.9	128.7	(1)	(1)	(1)	6.5	6.5	4.6	24.2	24.3	25.6
26	Dubuque	34.2	34.0	34.3	(1)	(1)	(1)	1.8	1.7	1.5	13.5	13.4	14.1
27	Sioux City	41.9	41.5	40.5	(1)	(1)	(1)	2.4	2.3	1.2	9.6	9.4	9.6
28	Waterloo	49.6	49.7	49.9	(1)	(1)	(1)	2.2	2.1	2.0	17.3	17.6	18.1
29	KANSAS	672.5	668.3	679.6	10.5	10.5	11.1	29.0	28.4	31.4	125.0	123.7	134.4
30	Topeka	62.5	62.8	59.5	.1	.1	.1	2.7	2.6	2.5	9.9	10.0	7.2
31	Wichita	131.6	131.2	139.6	2.2	2.2	2.6	6.1	5.9	6.2	33.4	33.1	39.4
32	KENTUCKY	940.1	933.3	915.5	30.2	30.1	27.4	55.2	54.2	49.1	246.2	245.9	251.5
33	Lexington	79.0	79.6	78.6	(1)	(1)	(1)	4.5	4.3	5.0	14.9	15.8	16.4
34	Louisville	330.8	327.7	334.1	(1)	(1)	(1)	17.1	16.2	16.5	104.7	106.2	116.8
35	LOUISIANA	1,047.3	1,045.9	1,036.2	50.2	50.1	50.7	74.4	74.8	71.0	170.6	169.3	174.5
36	Baton Rouge	104.5	105.0	100.6	.5	.5	.5	12.3	12.5	9.6	18.0	18.0	18.3
37	Lake Charles	40.9	41.2	40.9	1.5	1.5	1.4	4.5	4.7	5.4	9.0	9.1	9.0
38	Monroe	37.8	37.9	36.8	.4	.4	.4	3.1	3.2	2.8	6.5	6.5	6.5
39	New Orleans	373.2	373.1	373.7	12.9	12.9	14.2	23.4	23.6	21.7	52.1	51.3	53.7
40	Shreveport	92.9	93.2	92.0	3.6	3.6	3.7	5.4	5.6	5.8	16.6	16.6	16.4
41	MAINE	327.7	322.5	332.6	(1)	(1)	(1)	16.3	14.8	16.8	102.5	101.8	109.8
42	Lewiston-Auburn	27.9	27.7	29.1	(1)	(1)	(1)	1.5	1.5	1.5	12.0	11.9	13.3
43	Portland	64.4	63.9	65.1	(1)	(1)	(1)	3.6	3.1	3.5	12.7	12.9	14.4
44	MARYLAND ³	1,317.7	1,310.5	1,302.8	1.9	1.9	2.0	88.4	86.3	86.0	255.4	254.3	272.6
45	Baltimore	811.0	807.5	808.6	.3	.3	.3	43.4	42.4	42.3	186.0	184.8	197.8
46	MASSACHUSETTS	2,214.0	2,204.6	2,255.0	(1)	(1)	(1)	95.6	90.5	94.0	591.6	594.4	650.5
47	Boston ⁵	1,282.0	1,275.5	1,307.5	(1)	(1)	(1)	55.4	52.3	56.9	259.6	260.7	284.2
48	Brockton	49.7	49.4	50.8	-	-	-	2.2	2.2	2.2	14.1	14.1	16.1
49	Fall River	47.2	46.9	48.3	(1)	(1)	(1)	(1)	(1)	(1)	22.3	22.3	22.9
50	Lawrence-Haverhill	82.9	83.9	86.1	(1)	(1)	(1)	2.3	2.2	2.5	37.0	37.3	40.5
51	Lowell	53.2	52.4	54.4	(1)	(1)	(1)	2.7	2.4	2.7	19.0	18.8	20.6
52	New Bedford	52.9	52.0	54.1	(1)	(1)	(1)	1.9	1.9	1.8	23.4	22.8	25.4
53	Springfield-Chicopee-Holyoke	187.2	187.1	192.7	(1)	(1)	(1)	7.4	7.0	6.5	59.6	60.4	67.0
54	Worcester	125.9	125.8	130.3	(1)	(1)	(1)	5.9	5.5	5.4	39.5	39.9	46.1

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 1971 P	Apr. 1971	May 1970	May 1971 P	Apr. 1971	May 1970	May 1971 P	Apr. 1971	May 1970	May 1971 P	Apr. 1971	May 1970	May 1971 P	Apr. 1971	May 1970	
3.8	3.7	3.9	15.6	15.5	15.0	3.1	3.1	3.1	10.5	10.5	10.5	20.7	20.7	20.1	1
3.4	3.4	3.2	13.6	13.6	13.5	4.1	4.1	3.9	9.5	9.4	9.2	16.5	16.5	16.3	2
3.3	3.4	3.5	15.3	15.3	14.4	4.3	4.3	4.0	9.4	9.5	9.3	28.3	28.1	28.6	3
6.9	7.2	7.2	14.6	14.6	15.3	3.4	3.4	3.3	9.5	9.5	9.6	11.6	11.6	11.5	4
23.4	23.3	23.8	68.7	68.8	67.3	18.7	18.7	18.0	59.1	58.9	56.5	78.3	78.7	72.5	5
19.8	19.8	20.1	58.4	58.5	57.4	17.0	17.0	16.4	49.9	49.7	47.4	68.5	69.0	63.3	6
14.5	14.3	14.0	50.4	49.6	48.9	8.2	8.1	7.9	33.3	33.4	31.5	50.4	50.4	48.4	7
3.4	3.3	3.2	11.5	11.6	11.5	2.9	2.9	2.8	7.1	7.0	6.5	10.9	11.0	9.5	8
287.3	284.8	268.2	934.3	929.1	934.8	237.5	237.0	232.4	702.4	697.4	683.7	655.3	654.9	645.7	9
209.8	207.2	188.7	665.6	660.4	660.9	185.4	185.4	181.7	513.8	510.3	503.1	365.7	366.3	362.1	10
(*)	221.3	202.4	(*)	697.7	697.4	(*)	191.8	187.9	(*)	532.9	526.2	(*)	388.8	384.8	11
7.3	7.3	7.1	29.5	29.4	29.5	5.2	5.3	5.2	19.2	19.1	18.7	22.7	22.6	23.2	12
7.1	7.0	7.1	28.2	27.7	27.6	5.3	5.3	5.4	19.2	19.1	18.5	16.0	15.9	15.6	13
3.4	3.3	3.5	20.5	20.7	21.0	3.1	3.1	3.2	14.6	14.6	14.2	10.3	10.3	10.2	14
98.6	98.2	100.4	367.9	363.8	369.3	75.0	74.8	75.8	222.6	221.4	218.9	296.8	296.3	289.1	15
5.2	5.2	5.3	19.4	19.3	19.3	3.2	3.2	3.2	13.5	13.4	13.3	8.8	8.7	8.5	16
8.4	8.3	8.1	28.0	28.0	27.5	6.7	6.7	6.5	15.2	15.2	15.3	12.3	12.3	12.1	17
14.2	14.2	13.7	36.4	36.3	36.5	6.3	6.2	6.2	23.5	23.3	23.3	22.9	22.8	22.7	18
28.3	28.3	28.5	93.0	92.8	93.2	28.8	28.8	28.6	55.1	54.1	55.2	67.4	67.2	67.1	19
2.4	2.4	2.3	9.4	9.3	8.7	1.4	1.4	1.4	5.1	5.1	5.2	9.3	9.3	8.9	20
4.8	4.8	4.7	20.9	20.8	20.9	5.0	5.0	5.0	16.3	16.2	16.4	11.0	11.1	10.9	21
4.2	4.2	4.1	13.0	13.0	13.3	1.8	1.8	1.8	6.5	6.5	6.5	11.1	11.1	11.1	22
50.3	49.9	50.2	215.3	212.7	209.9	41.9	41.7	41.1	150.6	149.1	147.6	180.8	181.4	175.9	23
3.3	3.2	3.1	13.6	13.5	13.6	3.1	3.1	3.1	10.3	10.4	10.2	7.6	7.6	7.3	24
9.5	9.3	9.1	32.4	32.0	33.0	15.2	15.1	14.9	23.0	22.7	22.6	19.9	20.0	18.8	25
1.7	1.6	1.7	6.9	6.8	6.9	1.0	1.0	.9	6.4	6.4	6.5	2.9	2.9	2.7	26
3.1	3.1	3.2	11.7	11.6	11.3	2.0	2.0	2.0	7.5	7.5	7.6	5.5	5.6	5.5	27
2.3	2.2	2.4	10.8	10.7	10.5	1.4	1.4	1.5	7.2	7.2	7.2	8.5	8.5	8.1	28
52.5	52.3	52.5	160.8	159.3	158.3	30.8	30.6	30.1	105.9	105.5	104.5	158.0	158.0	157.3	29
7.0	7.0	7.1	13.0	12.9	12.7	4.1	4.1	4.0	10.3	10.4	10.3	15.5	15.9	15.8	30
7.6	7.5	7.8	30.4	30.5	31.9	6.8	6.7	6.9	24.6	24.6	25.1	20.6	20.8	19.9	31
59.2	58.8	59.0	185.6	183.4	181.0	36.2	35.6	35.2	142.7	140.6	138.6	184.8	184.7	173.7	32
4.4	4.4	4.3	15.9	15.9	15.6	3.6	3.5	3.6	13.7	13.9	12.6	22.0	21.8	21.1	33
23.2	23.1	23.2	73.4	71.9	70.4	17.2	16.9	16.8	50.3	48.5	48.9	45.0	44.8	41.5	34
92.6	92.6	90.6	229.2	229.4	227.9	50.1	50.0	49.2	157.2	156.9	155.5	223.0	222.8	216.8	35
5.2	5.1	4.7	21.4	21.5	21.1	5.7	5.9	5.6	14.2	14.2	14.1	27.2	27.3	26.7	36
2.9	2.9	2.7	8.5	8.5	8.3	1.4	1.4	1.4	6.0	6.0	5.8	7.1	7.1	6.9	37
2.2	2.2	2.2	9.7	9.7	9.6	2.4	2.4	2.4	5.5	5.5	5.4	8.0	8.0	7.5	38
45.2	45.5	45.6	90.4	90.5	89.6	22.8	22.7	22.6	67.6	67.7	69.0	58.8	58.9	57.4	39
9.1	9.1	9.1	22.9	23.0	22.7	4.5	4.5	4.4	15.0	14.9	14.3	15.8	15.9	15.6	40
17.6	17.4	17.6	65.6	64.5	65.9	12.6	12.5	12.2	43.2	42.6	42.8	69.9	68.9	67.5	41
1.0	1.0	.9	6.2	6.1	6.3	.9	.9	.9	4.2	4.2	4.2	2.1	2.1	2.0	42
5.5	5.5	5.4	17.4	17.4	17.4	5.6	5.6	5.4	11.0	10.8	11.3	8.6	8.6	7.7	43
81.6	82.1	81.1	316.6	314.1	302.9	70.2	69.8	68.5	246.0	243.7	237.4	257.6	258.3	252.3	44
57.4	57.9	57.3	179.8	179.1	174.8	44.0	43.9	43.4	140.2	138.8	136.0	159.9	160.3	156.7	45
116.3	116.3	118.3	489.0	484.6	489.3	130.3	130.8	129.7	483.4	480.4	470.6	307.8	307.6	302.6	46
72.4	72.0	74.7	303.3	300.9	303.4	94.6	94.9	95.8	319.0	316.9	315.3	177.7	177.8	177.2	47
3.6	3.6	3.6	13.4	13.3	12.9	1.4	1.4	1.4	7.0	6.9	6.8	8.0	7.9	7.8	48
1.8	1.8	1.8	9.2	9.1	9.4	(1)	(1)	(1)	9.9	9.7	9.8	4.0	4.0	4.4	49
2.8	2.7	2.7	15.1	15.3	15.2	(1)	(1)	(1)	10.7	11.0	10.8	12.6	13.0	12.0	50
2.1	2.1	2.0	11.6	11.4	11.5	1.4	1.4	1.4	9.5	9.4	9.2	6.9	6.9	7.0	51
2.8	2.8	2.7	10.5	10.4	9.9	(1)	(1)	(1)	9.5	9.3	9.5	4.8	4.8	4.8	52
9.0	8.9	8.8	40.0	40.0	40.4	9.6	9.6	9.5	35.8	35.5	35.1	25.8	25.7	25.4	53
6.1	6.2	6.3	27.1	27.1	26.3	7.3	7.3	7.2	23.3	23.1	22.6	16.7	16.7	16.4	54

ESTABLISHMENT DATA STATE AND AREA EMPLOYMENT

B-7: Employees on nonagricultural payrolls

(In thousands)

	State and area	TOTAL			Mining			Contract construction			Manufacturing		
		May 1971 P	Apr. 1971	May 1970	May 1971P	Apr. 1971	May 1970	May 1971P	Apr. 1971	May 1970	May 1971 P	Apr. 1971	May 1970
1	NORTH CAROLINA	1,773.9	1,769.2	1,772.5	3.8	3.8	3.9	92.3	91.0	98.4	700.8	700.4	710.2
2	Asheville	-	-	-	-	-	-	-	-	-	19.1	19.1	20.0
3	Charlotte	180.3	180.3	180.6	(1)	(1)	(1)	11.5	11.4	12.8	41.6	42.0	42.5
4	Greensboro-Winston-Salem-High Point	262.5	261.6	263.4	(1)	(1)	(1)	14.6	14.2	14.4	109.1	109.0	111.6
5	Raleigh	-	-	-	-	-	-	-	-	-	13.7	13.4	14.3
6	NORTH DAKOTA	169.8	164.6	161.8	1.6	1.6	1.4	13.7	10.4	8.8	9.8	9.4	9.7
7	Fargo-Moorhead	43.4	42.7	41.7	.1	.1	.1	3.2	2.7	2.7	3.0	2.9	2.9
8	OHIO	3,877.0	3,855.2	3,892.2	21.8	21.4	20.9	154.1	147.8	158.8	1,343.8	1,344.9	1,405.6
9	Akron	246.7	245.0	237.9	.3	.3	.3	8.1	7.7	8.6	92.6	92.4	88.1
10	Canton	137.0	136.4	136.1	.4	.4	.4	4.8	4.7	5.4	59.8	59.8	59.8
11	Cincinnati	510.7	506.9	513.7	.4	.4	.4	20.4	19.4	21.8	161.0	161.1	172.8
12	Cleveland	849.0	845.4	855.4	1.4	1.4	1.5	35.1	33.7	28.6	276.8	276.3	299.8
13	Columbus	381.8	379.6	380.1	.7	.5	.8	16.9	16.1	17.7	85.2	85.8	90.8
14	Dayton	320.7	321.2	335.7	.5	.5	.5	11.3	11.0	11.7	112.2	114.3	130.4
15	Toledo	245.4	243.5	245.9	.3	.3	.3	9.0	8.7	9.8	78.1	77.9	81.7
16	Youngstown-Warren	204.2	203.5	196.0	.3	.3	.3	6.8	7.4	8.7	91.5	91.3	85.2
17	OKLAHOMA	774.3	772.4	770.7	37.0	37.2	39.2	39.1	39.0	38.2	132.3	131.9	132.3
18	Oklahoma City	261.4	260.4	256.6	6.7	6.7	7.0	14.4	14.0	13.9	37.2	37.5	37.7
19	Tulsa	176.4	175.8	178.8	13.5	13.4	13.4	7.8	8.0	8.7	39.8	39.6	42.0
20	OREGON	723.1	715.0	699.0	1.5	1.4	1.3	29.9	27.6	28.2	169.2	166.5	166.4
21	Eugene	70.5	69.7	68.8	(1)	(1)	(1)	3.0	2.8	2.9	18.4	18.4	17.5
22	Portland	384.1	382.6	376.4	(1)	(1)	(1)	17.5	16.0	17.2	81.5	82.1	83.7
23	Salem	54.3	53.8	52.7	(1)	(1)	(1)	2.1	2.0	2.4	9.1	8.8	8.6
24	PENNSYLVANIA	4,291.6	4,287.1	4,369.8	41.3	41.0	39.3	180.0	190.3	192.0	1,447.0	1,447.7	1,534.4
25	Allentown-Bethlehem-Easton	213.3	212.9	219.2	.5	.5	.5	6.9	7.2	8.1	100.3	100.2	106.1
26	Altoona	48.0	47.8	49.2	(1)	(1)	(1)	2.1	1.8	2.2	15.1	15.2	16.1
27	Delaware Valley	1,502.6	1,501.7	1,545.3	1.4	1.4	1.4	71.2	74.7	65.5	444.0	442.4	479.5
28	Erie	97.8	96.3	99.5	(1)	(1)	(1)	3.1	3.5	4.1	42.2	42.0	43.3
29	Harrisburg	175.7	176.4	176.5	(1)	(1)	(1)	6.8	7.8	8.3	38.0	38.7	39.3
30	Johnstown	79.1	78.4	78.5	5.6	5.5	4.7	2.9	2.9	2.9	25.0	24.8	25.7
31	Lancaster	122.0	121.7	122.0	(1)	(1)	(1)	6.5	6.4	6.2	51.6	52.3	55.6
32	Philadelphia	1,762.0	1,758.1	1,802.4	1.6	1.6	1.5	85.6	88.5	79.8	514.4	512.4	555.0
33	Pittsburgh	876.4	872.3	877.2	9.9	9.8	8.6	44.0	41.6	43.4	270.9	271.2	279.0
34	Reading	124.7	124.2	125.3	(1)	(1)	(1)	4.3	4.4	4.4	55.6	55.4	58.4
35	Scranton	84.2	83.9	87.0	.4	.4	.4	2.6	2.5	2.9	32.0	32.1	34.6
36	Wilkes-Barre-Hazleton	124.2	124.3	124.2	1.8	1.9	2.1	5.1	5.5	5.3	53.7	53.7	53.2
37	York	131.7	132.2	133.7	(1)	(1)	(1)	8.2	9.4	9.5	57.7	57.8	60.9
38	RHODE ISLAND	335.6	333.4	340.9	(1)	(1)	(1)	14.3	13.7	15.5	114.7	114.2	120.5
39	Providence-Pawtucket-Warwick	348.5	346.4	353.5	(1)	(1)	(1)	14.7	14.0	15.9	131.8	131.4	137.5
40	SOUTH CAROLINA	849.0	845.8	842.2	1.7	1.7	1.7	54.4	52.9	51.9	332.2	331.4	341.6
41	Charleston	87.7	87.2	88.5	(1)	(1)	(1)	5.1	4.8	5.8	14.4	14.5	15.7
42	Columbia	112.8	112.3	111.2	(1)	(1)	(1)	8.3	8.1	7.4	19.5	19.3	20.9
43	Greenville	120.6	120.9	122.8	(1)	(1)	(1)	8.8	8.8	9.2	52.6	52.7	55.1
44	SOUTH DAKOTA	179.4	177.1	177.6	2.2	2.2	2.2	7.6	6.7	7.1	16.0	15.6	15.7
45	Sioux Falls	35.2	34.8	34.5	(1)	(1)	(1)	1.8	1.6	1.6	6.0	5.9	5.9
46	TENNESSEE	1,349.6	1,346.9	1,325.0	7.3	7.3	7.0	70.2	69.8	62.5	459.8	459.7	461.7
47	Chattanooga	130.3	129.1	127.8	.3	.2	.2	5.9	5.7	5.6	52.1	52.3	52.3
48	Knoxville	145.2	145.3	148.4	1.9	1.9	1.7	7.2	7.1	8.0	46.4	47.0	49.3
49	Memphis	278.3	276.1	268.5	.3	.3	.3	17.2	16.3	8.1	57.7	57.6	60.4
50	Nashville	221.6	221.5	221.9	(1)	(1)	(1)	13.5	13.2	13.0	58.7	59.1	61.8
51	TEXAS	3,643.0	3,636.0	3,648.9	103.1	103.1	104.0	210.4	210.5	227.4	706.0	706.6	748.4
52	Amarillo	-	-	-	-	-	-	-	-	-	7.3	7.4	7.1
53	Austin	120.1	120.3	113.2	(1)	(1)	(1)	8.5	8.3	8.3	11.6	11.7	11.4
54	Beaumont-Port Arthur-Orange	106.4	105.6	107.8	(1)	(1)	(1)	6.7	6.4	8.9	37.0	36.7	36.5
55	Corpus Christi	-	-	-	-	-	-	-	-	-	11.3	11.3	11.4

See footnotes at end of table.

ESTABLISHMENT DATA STATE AND AREA EMPLOYMENT

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

(In thousands)

Transportation and public utilities			Wholesale and retail trade			Finance, insurance, and real estate			Services			Government			
May 1971 P	Apr. 1971	May 1970	May 1971 P	Apr. 1971	May 1970	May 1971 P	Apr. 1971	May 1970	May 1971 P	Apr. 1971	May 1970	May 1971 P	Apr. 1971	May 1970	
93.5	92.9	91.9	320.5	320.6	318.5	70.0	69.5	69.0	213.3	212.8	208.4	279.7	278.2	272.2	1
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2
18.9	18.8	18.7	46.6	46.6	47.5	13.3	13.3	13.0	26.3	26.2	25.4	22.1	22.0	20.7	3
16.3	16.3	15.8	47.7	47.5	47.8	13.0	12.9	12.7	31.8	31.7	31.3	30.0	30.0	29.8	4
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	5
11.9	11.8	12.1	45.1	44.2	43.1	7.2	7.2	7.0	29.3	29.2	29.1	51.2	50.7	50.5	6
3.0	3.0	3.1	12.7	12.5	12.5	2.5	2.5	2.3	8.6	8.6	8.5	10.4	10.6	9.8	7
230.5	227.9	222.9	782.8	776.0	774.6	162.2	160.9	156.8	594.9	589.0	576.2	586.9	587.4	576.3	8
14.5	14.4	14.3	48.3	47.5	48.2	7.3	7.3	6.9	37.4	37.0	35.1	38.3	38.5	36.5	9
7.1	7.0	7.2	25.8	25.6	25.8	4.9	4.9	4.6	21.0	20.8	20.0	13.3	13.3	13.1	10
37.1	36.8	36.0	108.5	107.6	106.5	27.2	27.0	26.2	83.5	82.1	79.8	72.5	72.5	70.2	11
53.2	52.7	51.2	185.0	183.2	182.1	43.2	43.2	41.7	145.2	143.5	139.6	109.1	111.4	110.9	12
21.5	21.5	21.0	80.5	79.7	78.9	25.6	25.4	25.1	68.4	67.9	64.7	82.9	82.7	81.1	13
12.8	12.8	12.7	62.4	61.4	62.1	10.4	10.2	9.6	50.6	50.6	49.1	60.4	60.5	59.6	14
17.9	17.5	17.3	53.2	52.8	52.7	8.4	8.3	8.1	41.4	40.9	39.5	37.1	37.2	36.4	15
10.2	10.1	9.3	38.5	38.2	37.8	5.9	5.9	5.7	29.3	28.9	27.7	21.7	21.3	21.3	16
51.9	51.8	51.5	169.4	168.3	168.3	36.9	37.1	36.8	118.5	118.2	116.3	189.2	188.9	188.1	17
17.1	17.1	16.1	58.4	57.7	57.8	15.7	15.7	15.4	39.5	39.3	38.0	72.4	72.4	70.7	18
15.0	15.0	15.9	40.7	40.5	40.0	9.4	9.4	9.4	31.7	31.4	30.9	18.5	18.5	18.5	19
48.0	47.6	47.7	166.2	164.5	159.8	36.4	36.3	35.8	119.6	118.7	112.9	152.3	152.4	146.9	20
4.1	4.1	4.1	14.7	14.4	14.5	3.0	3.0	3.0	10.4	10.3	10.2	16.9	16.7	16.6	21
29.8	29.8	29.5	94.4	93.6	91.9	25.0	25.0	24.6	70.8	71.0	67.7	65.1	65.1	61.8	22
2.0	2.0	1.9	11.0	10.9	11.2	3.2	3.2	3.0	7.8	7.9	7.8	19.1	19.0	17.8	23
265.3	263.6	265.9	831.0	824.9	827.7	193.5	192.5	189.9	696.2	691.1	688.8	637.3	636.0	631.8	24
12.6	12.4	12.2	35.4	35.3	36.0	7.3	7.2	6.9	29.4	29.2	28.6	20.9	20.9	20.8	25
7.6	7.6	7.6	8.5	8.5	8.7	1.2	1.2	1.2	7.1	7.1	7.1	6.4	6.4	6.3	26
88.9	88.6	91.5	303.1	300.6	310.4	91.7	92.2	92.9	280.9	280.9	281.5	221.4	220.9	222.6	27
5.5	5.3	5.6	17.8	17.5	17.9	3.4	3.4	3.3	14.0	13.8	13.5	11.8	10.8	11.8	28
14.3	14.2	14.2	35.6	35.4	34.6	9.3	9.3	8.8	26.7	26.1	26.4	45.0	44.9	44.9	29
4.8	4.9	4.8	13.3	13.1	13.4	2.2	2.1	2.1	12.2	12.2	12.1	13.1	13.1	12.8	30
5.7	5.6	5.5	24.5	24.1	23.0	3.0	3.0	2.9	19.3	18.9	18.0	11.4	11.4	10.8	31
101.8	101.5	104.2	367.1	363.3	369.5	101.4	101.8	102.1	320.7	320.1	321.4	269.4	268.9	268.9	32
59.6	59.5	58.6	180.1	178.7	176.0	38.3	37.8	38.1	159.4	159.4	161.2	114.2	114.3	112.3	33
6.8	6.7	6.6	21.2	21.1	20.2	4.7	4.7	4.7	17.1	17.0	16.8	15.0	14.9	14.2	34
4.8	4.8	5.0	17.0	16.9	17.0	2.6	2.6	2.6	14.8	14.6	14.5	10.0	10.0	10.0	35
6.7	6.7	6.9	20.9	20.9	20.9	4.4	4.3	4.3	15.7	15.6	15.7	15.9	15.7	15.8	36
5.9	6.0	6.0	25.9	25.7	24.8	3.2	3.1	3.0	16.0	15.6	15.1	14.8	14.6	14.4	37
15.9	15.6	15.7	68.4	68.1	65.7	15.8	15.8	15.7	54.9	54.4	54.9	51.6	51.6	52.9	38
15.5	15.2	15.2	69.1	68.8	66.5	15.8	15.8	15.5	53.9	53.4	53.9	47.7	47.8	49.0	39
37.8	37.5	37.4	146.4	145.5	141.1	31.0	30.9	29.5	91.2	91.6	88.8	154.3	154.3	150.2	40
5.9	5.9	6.0	17.8	17.7	17.3	3.5	3.5	3.6	10.5	10.5	10.5	30.5	30.3	29.6	41
7.3	7.2	7.0	22.9	22.8	22.9	7.4	7.4	7.0	15.6	15.7	15.2	31.8	31.8	30.8	42
4.5	4.5	4.7	21.7	21.9	21.4	5.0	4.9	4.8	14.2	14.2	14.3	13.8	13.9	13.3	43
10.4	10.2	10.3	45.4	44.7	45.9	7.5	7.6	7.3	32.8	32.5	32.7	57.5	57.6	56.4	44
3.2	3.1	3.1	10.6	10.6	10.4	2.0	2.0	2.0	6.7	6.7	6.8	4.9	4.9	4.7	45
68.0	67.2	66.5	261.7	260.3	256.9	58.5	58.4	57.4	186.4	186.3	184.2	237.7	237.9	228.8	46
6.3	6.4	6.6	23.8	23.8	24.2	7.5	7.5	7.0	16.6	16.5	16.1	17.8	16.7	15.8	47
6.5	6.3	6.6	29.7	29.8	30.4	5.1	5.1	5.1	18.1	18.3	18.6	30.3	29.8	28.7	48
19.8	19.7	19.9	69.5	68.7	69.3	15.6	15.6	15.1	46.1	45.3	45.2	52.1	52.6	50.2	49
13.6	13.6	13.8	48.2	48.2	48.0	15.1	15.1	14.6	37.1	37.0	37.1	35.4	35.3	33.6	50
252.7	252.9	253.3	891.6	886.6	867.5	197.5	196.7	190.5	598.2	596.3	587.7	683.5	683.3	670.1	51
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	52
3.8	3.8	3.3	23.8	23.9	22.2	5.8	5.8	5.7	16.1	15.7	15.4	50.5	51.1	46.9	53
8.8	8.7	8.2	21.3	21.2	21.4	3.9	3.9	3.8	15.5	15.5	15.7	13.2	13.2	13.3	54
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	55

ESTABLISHMENT DATA STATE AND AREA EMPLOYMENT

B-7: Employees on nonagricultural payrolls

(In thousands)

	State and area	TOTAL			Mining			Contract construction			Manufacturing		
		May 1971 ^P	Apr. 1971	May 1970	May 1971 ^P	Apr. 1971	May 1970	May 1971 ^P	Apr. 1971	May 1970	May 1971 ^P	Apr. 1971	May 1970
1	TEXAS (continued)												
2	Dallas	649.6	646.9	660.3	7.7	7.7	7.9	37.8	36.6	38.2	140.3	139.7	161.7
3	El Paso	103.8	103.7	104.2	-	-	-	4.8	5.0	6.0	24.4	24.3	23.1
4	Fort Worth	256.9	257.9	272.5	1.6	1.6	1.8	12.3	12.0	11.5	74.3	76.1	91.0
5	Galveston-Texas City	-	-	-	-	-	-	-	-	-	11.5	11.4	11.5
6	Houston	785.6	782.8	769.6	28.6	28.6	28.4	66.2	65.6	67.8	144.7	144.6	148.4
7	Lubbock	-	-	-	-	-	-	-	-	-	7.3	7.3	7.4
8	San Antonio	262.2	261.3	261.8	1.2	1.2	1.4	12.8	12.8	12.8	33.8	33.7	35.1
9	Waco	-	-	-	-	-	-	-	-	-	11.3	11.2	12.2
10	Wichita Falls	-	-	-	-	-	-	-	-	-	4.8	4.7	4.5
11	UTAH	370.8	367.2	360.5	12.8	12.8	12.3	17.1	15.6	14.5	55.0	54.2	54.2
12	Salt Lake City	198.4	196.0	190.3	7.5	7.5	7.6	9.1	8.5	8.4	29.7	29.4	29.5
13	VERMONT	147.6	146.5	145.0	1.0	1.0	1.0	10.2	8.7	10.5	38.2	38.2	39.6
14	Burlington ¹⁰	38.8	38.0	38.2	-	-	-	-	-	-	9.7	9.8	10.8
15	Springfield ¹⁰	11.7	11.7	12.6	-	-	-	-	-	-	5.0	5.1	5.9
16	VIRGINIA ³	1,485.2	1,480.2	1,465.1	16.8	16.5	15.0	98.0	96.3	97.8	356.6	357.4	361.7
17	Lynchburg	53.5	53.3	53.2	(1)	(1)	(1)	3.0	2.8	2.9	23.9	24.1	24.8
18	Newport News-Hampton	97.2	95.9	95.4	(1)	(1)	(1)	5.5	5.2	5.0	26.0	25.4	25.6
19	Norfolk-Portsmouth	199.5	199.6	200.8	(1)	(1)	(1)	13.3	14.0	14.0	19.0	18.8	20.6
20	Northern Virginia ¹¹	278.4	276.3	261.5	.3	.3	.4	21.2	20.3	21.4	10.4	10.3	10.1
21	Richmond	240.2	240.2	238.2	.2	.2	.2	15.9	15.4	15.3	48.9	49.3	51.3
22	Roanoke	83.6	83.2	82.2	.1	.1	.1	4.7	4.6	5.0	19.6	19.6	19.5
23	WASHINGTON	1,039.4	1,040.3	1,088.3	1.6	1.6	1.7	50.4	48.4	53.0	205.5	209.6	241.6
24	Seattle-Everett	480.6	484.2	523.6	(1)	(1)	(1)	20.8	20.4	25.2	102.0	104.9	130.5
25	Spokane	90.8	90.5	90.6	(1)	(1)	(1)	5.5	5.4	5.1	11.9	12.2	12.6
26	Tacoma	104.0	104.4	105.2	(1)	(1)	(1)	4.3	4.3	5.2	19.3	19.4	18.6
27	WEST VIRGINIA	518.6	516.5	513.9	52.0	51.9	48.6	29.8	28.7	26.2	122.8	122.9	126.3
28	Charleston	84.9	84.5	83.9	4.2	4.1	3.7	5.8	5.7	4.6	15.7	15.8	16.7
29	Huntington-Ashland	84.1	83.6	84.3	.6	.6	.6	4.3	4.3	4.2	26.8	26.3	27.0
30	Wheeling	59.6	59.8	58.2	5.3	5.3	4.7	3.8	3.7	2.9	15.2	15.5	15.6
31	WISCONSIN	1,532.2	1,514.3	1,527.1	2.5	2.2	2.7	57.9	52.7	61.7	473.9	472.2	493.6
32	Green Bay	55.1	54.5	54.2	(1)	(1)	(1)	2.5	2.4	2.3	16.4	16.3	16.4
33	Kenosha	35.6	35.4	35.7	(1)	(1)	(1)	1.1	1.0	1.1	15.5	15.5	16.3
34	La Crosse	30.6	30.5	29.9	(1)	(1)	(1)	1.1	1.0	1.1	8.2	8.3	8.4
35	Madison	122.6	122.5	121.7	(1)	(1)	(1)	6.4	5.9	5.7	15.3	15.4	16.2
36	Milwaukee	562.8	557.0	563.9	(1)	(1)	(1)	18.4	17.3	20.6	192.2	191.0	199.5
37	Racine	53.5	53.2	55.8	(1)	(1)	(1)	1.6	1.5	1.8	23.0	22.9	25.4
38	WYOMING	109.5	105.9	105.9	11.4	11.0	11.2	7.8	6.6	6.4	6.3	6.2	6.5
39	Casper	19.3	19.1	19.5	3.3	3.2	3.9	1.6	1.2	1.0	1.6	1.6	1.4
40	Cheyenne	19.1	18.9	18.3	(1)	(1)	(1)	.8	.8	.9	1.2	1.2	1.1

- ¹ Combined with services.
- ² Combined with construction.
- ³ Federal Employment in the Maryland and Virginia sectors of the Washington Standard Metropolitan Statistical Area is included in the data for the District of Columbia.
- ⁴ Area included in Chicago-Northwestern Indiana Standard Consolidated Area.
- ⁵ Revised to 1970 benchmark; not strictly comparable with previously published data.
- ⁶ Subarea of Philadelphia, Pennsylvania Standard Metropolitan Statistical Area.
- ⁷ Area included in New York-Northeastern New Jersey Standard Consolidated Area.
- ⁸ Subarea of Rochester Standard Metropolitan Statistical Area.
- ⁹ Subarea of New York Standard Metropolitan Statistical Area.
- ¹⁰ Total includes data for industry divisions not shown separately. Services excludes agriculture, forestry, and fisheries.
- ¹¹ Subarea of Washington, D. C. Standard Metropolitan Statistical Area.

* Not available.
 p = 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 1971 ^P	Apr. 1971	May 1970	May 1971 ^P	Apr. 1971	May 1970	May 1971 ^P	Apr. 1971	May 1970	May 1971 ^P	Apr. 1971	May 1970	May 1971 ^P	Apr. 1971	May 1970	
52.3	52.2	52.3	172.6	172.5	172.5	56.6	56.5	53.8	105.9	105.8	102.6	76.4	75.9	71.3	1
8.3	8.3	8.5	24.7	24.7	25.7	4.5	4.5	4.4	14.8	14.7	14.2	22.3	22.2	22.3	2
15.4	15.3	15.4	61.7	61.2	62.0	12.6	12.6	12.6	42.6	42.6	42.4	36.4	36.5	35.8	3
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	4
63.8	63.7	64.1	191.5	190.8	187.2	43.7	43.5	40.7	148.5	147.5	139.4	98.6	98.5	93.6	5
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	6
11.3	11.3	11.5	63.0	62.7	63.1	17.1	17.0	16.1	45.1	44.9	44.6	77.9	77.7	77.2	7
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	8
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	9
23.1	23.2	22.9	81.1	79.7	79.2	15.6	15.5	14.9	61.3	60.8	59.3	104.8	105.5	103.1	10
15.9	15.9	15.1	52.8	51.8	49.9	11.8	11.7	11.4	34.3	33.9	32.3	37.3	37.2	36.1	11
8.2	8.1	8.0	29.3	29.0	28.0	5.9	5.8	5.6	28.2	28.8	26.9	26.9	26.9	25.6	12
2.1	2.0	2.0	8.1	7.9	7.5	-	-	-	7.4	7.2	7.0	-	-	-	13
.7	.7	.8	2.0	2.0	1.9	-	-	-	1.8	1.8	1.7	-	-	-	14
98.1	97.7	97.1	307.6	306.7	300.7	69.6	69.0	67.9	227.8	226.2	220.7	310.7	310.4	304.2	15
2.6	2.6	2.5	9.1	8.9	8.5	2.2	2.2	2.1	6.9	6.9	6.5	5.8	5.8	5.9	16
4.2	4.1	4.3	16.1	16.0	15.9	2.9	2.8	3.0	13.2	13.1	12.4	29.3	29.3	29.2	17
16.0	16.2	16.6	47.8	47.8	47.7	9.6	9.6	9.5	32.0	31.6	30.9	61.8	61.6	61.5	18
21.3	21.2	20.2	63.8	63.2	61.0	16.4	15.7	16.0	49.7	49.5	49.4	95.3	95.8	83.0	19
18.4	18.3	18.2	53.8	54.0	53.5	19.0	18.9	18.5	36.1	36.1	35.2	47.9	48.0	46.0	20
11.1	11.0	11.2	19.1	19.1	18.7	4.1	4.1	4.2	14.2	14.0	13.3	10.7	10.7	10.2	21
69.9	70.2	72.4	231.8	229.0	241.8	57.4	57.3	58.0	170.4	170.1	171.8	252.4	254.1	248.0	22
37.8	37.8	39.2	109.0	109.1	116.9	34.5	34.5	35.5	81.1	81.2	82.5	95.4	96.3	93.8	23
7.3	7.3	7.1	22.8	22.5	23.3	5.5	5.4	5.3	19.1	19.1	19.2	18.7	18.6	18.0	24
6.3	6.4	6.7	22.3	22.4	23.0	6.1	6.1	6.1	19.0	18.9	18.7	26.7	26.9	26.9	25
41.7	41.4	41.7	90.8	91.1	91.1	16.0	16.0	15.7	68.1	67.6	67.8	97.3	97.0	96.6	26
9.1	9.0	9.1	19.3	19.2	18.9	4.0	4.0	3.9	13.0	13.0	13.2	13.7	13.6	13.7	27
8.3	8.3	8.4	17.9	17.9	17.9	2.9	2.9	3.0	10.6	10.5	10.8	12.7	12.7	12.5	28
3.9	3.9	3.8	12.5	12.6	12.5	2.2	2.2	2.1	10.2	10.1	9.9	6.5	6.6	6.6	29
83.1	80.6	80.8	339.6	334.4	329.6	62.7	62.5	60.7	239.0	237.2	229.2	273.4	272.4	268.8	30
4.7	4.5	4.5	13.9	13.8	13.9	1.5	1.5	1.5	8.5	8.5	8.3	7.6	7.5	7.3	31
1.4	1.2	1.3	6.9	6.9	6.6	.7	.7	.7	5.0	5.0	4.9	5.0	5.0	4.8	32
2.2	2.2	2.1	7.7	7.7	7.5	.6	.6	.6	6.1	6.1	5.7	4.6	4.7	4.5	33
5.7	5.7	5.5	24.9	24.7	24.3	6.5	6.5	6.2	18.9	19.0	18.1	44.9	45.4	45.6	34
32.0	30.8	31.1	124.6	123.5	121.3	29.3	29.3	28.6	92.3	91.5	90.5	73.9	73.7	72.4	35
2.0	2.0	2.0	9.8	9.7	10.0	1.5	1.4	1.4	8.2	8.1	7.8	7.5	7.6	7.4	36
10.9	10.8	10.5	22.8	22.2	22.8	3.7	3.7	3.6	16.5	15.5	15.5	30.1	29.9	29.4	37
1.4	1.5	1.4	4.6	4.6	4.6	.9	.9	.9	2.3	2.3	2.5	3.6	3.8	3.8	38
2.4	2.4	2.4	4.6	4.5	3.9	1.0	1.0	1.0	3.4	3.3	3.3	5.7	5.7	5.7	39

**ESTABLISHMENT DATA
HOURS AND EARNINGS**

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

SIC Code	Industry	Average weekly hours					Average overtime hours				
		June 1971 p	May 1971 p	Apr. 1971	June 1970	May 1970	June 1971 p	May 1971 p	Apr. 1971	June 1970	May 1970
	TOTAL PRIVATE . . .	37.3	36.9	36.7	37.4	37.0					
	MINING	42.8	42.4	42.4	42.9	42.7					
10	METAL MINING	-	42.1	42.1	42.9	43.1					
101	Iron ores	-	41.8	41.1	42.1	42.7					
102	Copper ores	-	43.6	43.9	44.6	44.9					
11,12	COAL MINING	39.9	40.7	40.7	40.7	39.6					
12	Bituminous coal and lignite mining . .	39.9	40.8	41.0	41.0	39.7					
13	OIL AND GAS EXTRACTION	42.7	42.3	42.7	42.7	43.0					
131,2	Crude petroleum and natural gas fields	40.6	41.1	40.3	40.3	40.2					
138	Oil and gas field services	44.2	43.3	44.5	44.5	44.9					
14	NONMETALLIC MINERALS, EXCEPT FUELS	45.6	45.0	45.9	45.4	45.4					
142	Crushed and broken stone	-	46.6	45.7	47.2	46.9					
	CONTRACT CONSTRUCTION	38.1	37.0	37.0	38.4	38.1					
15	GENERAL BUILDING CONTRACTORS	-	35.7	35.8	36.9	37.0					
16	HEAVY CONSTRUCTION CONTRACTORS . . .	-	39.8	40.8	42.9	41.7					
161	Highway and street construction	-	40.5	41.5	43.7	41.5					
162	Heavy construction, n e c	-	39.3	40.2	42.1	41.9					
17	SPECIAL TRADE CONTRACTORS	36.4	36.0	36.9	37.0	37.0					
171	Plumbing, heating, air conditioning . .	37.9	37.6	37.9	38.2	38.2					
172	Painting, paper hanging, decorating . .	35.0	34.4	35.1	35.4	35.4					
173	Electrical work	38.5	37.8	39.5	39.6	39.6					
174	Masonry, stonework, and plastering . .	33.4	33.4	34.2	34.3	34.3					
176	Roofing and sheet metal work	32.5	33.8	34.3	34.3	34.3					
-	MANUFACTURING	40.2	39.9	39.5	40.0	39.8	3.0	2.8	2.7	3.1	2.9
19,24,25,32-39	DURABLE GOODS	40.8	40.5	40.0	40.6	40.3	3.0	2.8	2.6	3.2	2.9
20-23,26-31	NONDURABLE GOODS	39.4	39.2	38.8	39.2	39.0	2.9	2.9	2.7	3.0	2.9
	<i>Durable Goods</i>										
19	ORDNANCE AND ACCESSORIES	42.0	41.4	41.3	40.7	40.8	2.1	2.4	2.2	2.2	2.2
192	Ammunition, except for small arms . .	42.0	41.4	41.1	40.1	40.0	1.9	2.3	1.7	1.6	1.6
1925	Complete guided missiles	-	43.1	42.2	42.2	41.9	-	-	-	-	-
1929	Ammunition, exc. for small arms, nec	-	40.1	40.3	38.9	39.0	-	-	-	-	-
24	LUMBER AND WOOD PRODUCTS	40.5	40.3	40.2	40.1	40.1	3.3	3.2	3.4	3.5	3.5
242	Sawmills and planing mills	(*)	40.1	40.0	40.3	40.3	3.5	3.4	3.6	3.6	3.6
2421	Sawmills and planing mills, general	-	40.1	40.1	40.4	40.4	-	-	-	-	-
243	Millwork, plywood & related products .	41.5	41.0	40.6	40.3	40.1	3.4	3.1	3.5	3.4	3.4
2431	Millwork	-	40.1	39.5	39.5	39.2	-	-	-	-	-
2432	Veneer and plywood	-	41.7	41.5	41.2	41.3	-	-	-	-	-
244	Wooden containers	(*)	38.8	37.5	38.6	38.6	3.0	2.4	2.7	2.8	2.8
2441,2	Wooden boxes, shoo, and crates	-	38.9	37.1	38.6	38.5	-	-	-	-	-
249	Miscellaneous wood products	40.7	40.4	40.6	40.5	40.6	3.0	3.0	3.3	3.4	3.4
25	FURNITURE AND FIXTURES	40.2	39.6	38.9	39.1	38.5	2.3	2.0	2.3	2.0	2.0
251	Household furniture	(*)	39.7	39.0	38.7	38.2	2.4	2.1	2.2	1.9	1.9
2511	Wood household furniture	-	40.4	39.7	39.3	38.8	-	-	-	-	-
2512	Upholstered household furniture	-	38.4	38.1	37.2	36.8	-	-	-	-	-
2515	Mattresses and bedsprings	-	39.0	38.4	38.9	38.0	-	-	-	-	-
252	Office furniture	-	40.1	39.1	39.6	39.5	3.0	2.0	2.6	2.7	2.7
254	Partitions and fixtures	-	39.4	38.4	40.1	39.5	2.0	1.2	2.5	2.2	2.2
253,9	Other furniture and fixtures	38.9	38.5	38.4	40.1	38.8	1.6	1.7	2.7	2.1	2.1
32	STONE, CLAY, AND GLASS PRODUCTS . . .	42.1	41.6	41.1	41.5	41.5	4.4	4.1	4.3	4.4	4.4
321	Flat glass	-	41.2	40.5	43.6	43.1	3.8	3.4	4.3	4.5	4.5
322	Glass and glassware, pressed or blown	39.4	40.0	39.1	39.9	40.4	4.1	3.8	4.2	4.3	4.3
3221	Glass containers	-	40.2	38.7	40.5	41.1	-	-	-	-	-
3229	Pressed and blown glass, n e c	-	39.7	39.6	39.0	39.3	-	-	-	-	-
324	Cement, hydraulic	(*)	41.8	41.8	41.9	42.2	2.9	3.0	3.0	3.5	3.5
325	Structural clay products	40.6	40.9	40.8	40.3	40.4	3.6	3.5	3.5	3.7	3.7
3251	Brick and structural clay tile	-	41.3	41.5	41.0	40.8	-	-	-	-	-
326	Pottery and related products	-	39.0	38.1	38.5	38.1	2.0	1.9	1.8	1.7	1.7
327	Concrete, gypsum and plaster products	(*)	43.6	43.4	43.8	43.3	6.6	6.1	6.4	6.2	6.2
328,9	Other stone and nonmetallic mineral products	(*)	41.4	41.1	41.0	40.9	3.5	3.4	3.3	3.5	3.5
3291	Abrasive products	-	38.7	38.8	38.3	38.4	-	-	-	-	-

See footnotes at end of table.

ESTABLISHMENT DATA HOURS AND EARNINGS

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

SIC Code	Industry	Average weekly hours					Average overtime hours				
		June 1971 P	May 1971 P	Apr. 1971	June 1970	May 1970	June 1971 P	May 1971 P	Apr. 1971	June 1970	May 1970
	<i>Durable Goods--Continued</i>										
33	PRIMARY METAL INDUSTRIES	41.2	41.1	41.1	40.7	40.4	-	3.4	3.3	3.1	3.0
331	Blast furnace and basic steel products	(*)	40.9	41.3	40.4	39.9	-	3.0	3.0	2.4	2.2
3312	Blast furnaces and steel mills	-	40.7	41.2	40.2	39.8	-	-	-	-	-
332	Iron and steel foundries	(*)	40.5	40.1	40.9	40.8	-	3.7	3.5	4.2	4.2
3321	Gray iron foundries	-	40.6	40.2	40.5	40.5	-	-	-	-	-
3322	Malleable iron foundries	-	40.1	39.5	40.2	39.6	-	-	-	-	-
3323	Steel foundries	-	40.4	40.2	42.1	41.9	-	-	-	-	-
333,4	Nonferrous metals	41.2	41.9	41.6	41.5	41.8	-	4.1	4.0	4.4	4.4
3334	Primary aluminum	-	41.2	40.9	40.6	41.0	-	-	-	-	-
335	Nonferrous rolling and drawing	(*)	42.9	42.7	41.3	41.2	-	4.7	4.4	3.7	3.6
3351	Copper rolling and drawing	-	43.8	43.0	41.4	40.4	-	-	-	-	-
3352	Aluminum rolling and drawing	-	43.5	43.4	40.9	41.2	-	-	-	-	-
3357	Nonferrous wire drawing and insulating	-	42.2	42.3	41.4	41.7	-	-	-	-	-
336	Nonferrous foundries	40.3	39.8	38.9	40.2	40.0	-	2.7	1.9	3.0	2.8
3361	Aluminum castings	-	40.0	38.3	40.0	39.9	-	-	-	-	-
3362,9	Other nonferrous castings	-	39.6	39.5	40.4	40.2	-	-	-	-	-
339	Miscellaneous primary metal products	(*)	40.4	39.6	40.4	40.7	-	3.0	2.7	3.5	3.3
3391	Iron and steel forgings	-	40.1	38.9	40.1	40.4	-	-	-	-	-
34	FABRICATED METAL PRODUCTS	41.1	40.7	39.8	41.1	40.7	-	2.9	2.6	3.5	3.3
341	Metal cans	(*)	43.2	41.6	44.0	43.7	-	4.1	3.3	5.3	4.9
342	Cutlery, hand tools, and hardware	40.1	40.1	39.1	40.2	39.8	-	2.1	1.9	2.3	2.3
3421,3,5	Cutlery and hand tools, incl. saws	-	39.7	39.6	39.8	39.6	-	-	-	-	-
3429	Hardware, n e c	-	40.4	38.7	40.5	40.0	-	-	-	-	-
343	Plumbing and heating, except electric	40.2	40.5	40.1	39.5	39.1	-	2.7	2.3	2.3	2.1
3431,2	Sanitary ware & plumbers' brass goods	-	41.0	40.5	39.3	38.9	-	-	-	-	-
3433	Heating equipment, except electric	-	40.1	39.7	39.8	39.2	-	-	-	-	-
344	Fabricated structural metal products	41.2	40.6	39.9	40.6	40.5	-	2.7	2.4	3.0	3.1
3441	Fabricated structural steel	-	41.6	40.8	41.2	41.1	-	-	-	-	-
3442	Metal doors, sash, and trim	-	39.9	39.2	39.2	39.3	-	-	-	-	-
3443	Fabricated plate work (boiler shops)	-	40.9	40.2	41.2	41.1	-	-	-	-	-
3444	Sheet metal work	-	40.0	39.1	39.9	40.1	-	-	-	-	-
3446,9	Architectural and misc. metal work	-	39.9	39.3	40.6	40.2	-	-	-	-	-
345	Screw machine products, bolts, etc.	41.5	40.4	39.7	40.8	40.1	-	2.6	2.3	3.4	2.8
3451	Screw machine products	-	40.4	39.1	40.5	40.0	-	-	-	-	-
3452	Bolts, nuts, rivets, and washers	-	40.5	40.3	41.0	40.2	-	-	-	-	-
346	Metal stampings	41.4	41.1	39.6	43.6	42.3	-	3.5	3.2	5.3	4.5
347	Metal services, n e c	39.3	38.9	38.6	39.9	39.2	-	3.9	3.7	4.2	3.9
348	Misc. fabricated wire products	40.2	40.5	39.9	40.1	39.8	-	2.9	2.4	2.8	2.7
349	Misc. fabricated metal products	40.3	40.5	39.9	40.4	40.4	-	2.6	2.1	2.8	2.8
3494,8	Valves, pipe, and pipe fittings	-	40.7	39.9	40.3	40.5	-	-	-	-	-
35	MACHINERY, EXCEPT ELECTRICAL	40.7	40.4	40.0	41.2	41.1	-	2.3	2.2	3.3	3.3
351	Engines and turbines	40.0	40.3	39.3	40.8	41.4	-	3.0	2.8	3.7	3.8
3511	Steam engines and turbines	-	41.9	40.1	41.6	41.8	-	-	-	-	-
3519	Internal combustion engines, n e c	-	39.6	38.9	40.4	41.2	-	-	-	-	-
352	Farm machinery	-	40.2	40.2	39.7	38.9	-	2.0	2.4	2.4	1.8
353	Construction and related machinery	40.6	40.6	40.3	40.9	40.7	-	2.6	2.4	2.8	2.9
3531,2	Construction and mining machinery	-	41.2	40.9	40.9	41.2	-	-	-	-	-
3533	Oil field machinery	-	41.2	41.0	41.9	41.7	-	-	-	-	-
3535,6	Conveyors, hoists, cranes, monorails	-	39.6	39.4	40.8	39.5	-	-	-	-	-
3537	Industrial trucks and tractors	-	37.8	37.5	38.4	37.9	-	-	-	-	-
354	Metal working machinery	(*)	40.2	39.9	42.5	42.8	-	2.2	2.1	4.5	4.8
3541	Machine tools, metal cutting types	-	38.9	38.9	41.3	41.7	-	-	-	-	-
3544	Special dies, tools, jigs, & fixtures	-	41.6	41.1	44.5	45.5	-	-	-	-	-
3545	Machine tool accessories	-	38.9	38.8	41.1	40.5	-	-	-	-	-
3542,8	Misc. metal working machinery	-	39.6	39.4	40.8	40.2	-	-	-	-	-
355	Special industry machinery	40.6	40.3	39.9	41.2	41.1	-	2.0	1.7	3.1	3.1
3551	Food products machinery	-	39.8	39.3	41.6	41.6	-	-	-	-	-
3552	Textile machinery	-	40.0	39.7	41.1	40.5	-	-	-	-	-
3555	Printing trades machinery	-	41.4	41.0	40.2	40.8	-	-	-	-	-
356	General industrial machinery	40.5	40.0	39.6	40.5	40.1	-	1.9	1.8	2.9	2.7
3561	Pumps and compressors	-	40.4	40.4	41.4	41.3	-	-	-	-	-
3562	Ball and roller bearings	-	39.8	38.6	38.9	38.2	-	-	-	-	-
3564	Blowers and fans	-	40.9	39.9	41.5	41.0	-	-	-	-	-
3566	Power transmission equipment	-	39.9	39.7	41.2	40.8	-	-	-	-	-
357	Office and computing machines	40.9	40.9	39.9	40.9	41.0	-	1.8	1.4	2.4	2.5
3573	Electronic computing equipment	-	42.0	40.7	41.6	41.6	-	-	-	-	-
358	Service industry machines	(*)	39.9	39.8	40.6	40.1	-	1.9	1.6	2.8	2.2
3585	Refrigeration machinery	-	40.1	40.0	40.7	40.1	-	-	-	-	-
359	Misc. machinery, except electrical	41.3	41.1	40.9	41.8	41.8	-	3.3	3.1	4.1	4.0

See footnotes at end of table.

**ESTABLISHMENT DATA
HOURS AND EARNINGS**

**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 1971 p	May 1971 p	Apr. 1971	June 1970	May 1970	June 1971 p	May 1971 p	Apr. 1971	June 1970	May 1970
<i>Durable Goods--Continued</i>											
36	ELECTRICAL EQUIPMENT AND SUPPLIES	40.2	39.8	39.4	39.6	39.6	-	1.9	1.7	2.4	2.2
361	Electric test & distributing equipment	40.6	40.5	39.8	40.6	40.2	-	2.0	1.9	2.5	2.2
3611	Electric measuring instruments	-	39.6	38.9	39.3	39.1	-	-	-	-	-
3612	Transformers	-	39.9	39.3	41.1	41.2	-	-	-	-	-
3613	Switchgear and switchboard apparatus	-	41.5	40.6	41.1	40.3	-	-	-	-	-
362	Electrical industrial apparatus	40.3	40.0	39.7	40.5	40.0	-	1.8	1.9	2.9	2.6
3621	Motors and generators	-	40.3	39.6	40.9	40.5	-	-	-	-	-
3622	Industrial controls	-	39.7	39.6	39.5	38.8	-	-	-	-	-
363	Household appliances	41.3	40.6	40.2	40.3	39.3	-	2.6	2.1	2.7	2.2
3632	Household refrigerators and freezers	-	41.3	41.1	41.1	40.5	-	-	-	-	-
3633	Household laundry equipment	-	40.5	40.5	40.3	38.3	-	-	-	-	-
3634	Electric housewares and fans	-	39.6	39.0	39.2	38.4	-	-	-	-	-
364	Electric lighting and wiring equipment	39.4	39.3	38.8	40.0	39.6	-	1.7	1.5	2.2	2.3
3641	Electric lamps	-	39.2	39.8	40.5	40.5	-	-	-	-	-
3642	Lighting fixtures	-	38.8	37.6	39.9	38.9	-	-	-	-	-
3643,4	Wiring devices	-	39.7	39.1	39.7	39.5	-	-	-	-	-
365	Radio and TV receiving equipment	39.1	38.6	39.0	37.5	37.9	-	1.6	1.4	1.0	1.2
366	Communication equipment	(*)	40.2	39.8	40.7	40.8	-	1.8	1.7	3.0	2.9
3661	Telephone and telegraph apparatus	-	39.5	39.3	41.2	41.2	-	-	-	-	-
3662	Radio and TV communication equipment	-	40.8	40.3	40.3	40.4	-	-	-	-	-
367	Electronic components and accessories	39.8	39.3	39.0	39.0	38.8	-	1.5	1.4	1.7	1.6
3671-3	Electron tubes	-	39.8	39.0	39.5	39.0	-	-	-	-	-
3674,9	Other electronic components	-	39.1	38.9	38.9	38.8	-	-	-	-	-
369	Misc. electrical equipment & supplies	39.8	40.2	38.1	40.4	39.5	-	2.3	1.8	2.3	2.1
3694	Engine electrical equipment	-	40.4	37.2	40.5	39.2	-	-	-	-	-
37	TRANSPORTATION EQUIPMENT	41.6	41.2	39.9	41.6	40.4	-	3.2	3.1	3.7	2.9
371	Motor vehicles and equipment	(*)	41.9	39.9	42.8	40.5	-	3.9	3.9	4.8	3.3
3711	Motor vehicles	-	41.7	39.3	42.9	40.3	-	-	-	-	-
3712	Passenger car bodies	-	43.6	39.7	41.4	39.2	-	-	-	-	-
3713	Truck and bus bodies	-	39.9	40.1	40.0	40.2	-	-	-	-	-
3714	Motor vehicle parts and accessories	-	42.0	40.6	43.4	41.0	-	-	-	-	-
3715	Truck trailers	-	39.4	39.5	39.6	39.5	-	-	-	-	-
372	Aircraft and parts	(*)	40.8	40.0	40.9	40.8	-	1.9	1.6	2.5	2.4
3721	Aircraft	-	41.3	40.7	40.8	40.8	-	-	-	-	-
3722	Aircraft engines and engine parts	-	39.7	38.6	40.2	40.2	-	-	-	-	-
3723,9	Other aircraft parts and equipment	-	40.7	40.1	41.9	41.7	-	-	-	-	-
373	Ship and boat building and repairing	40.1	39.2	39.7	39.3	39.5	-	2.8	3.0	2.5	2.9
3731	Ship building and repairing**	-	38.6	39.5	39.3	40.0	-	-	-	-	-
3732	Boat building and repairing	-	41.0	40.2	39.3	37.8	-	-	-	-	-
374	Railroad equipment	-	40.7	39.6	40.5	40.0	-	3.3	2.6	3.1	2.7
375,9	Other transportation equipment	-	40.3	39.1	39.3	38.9	-	2.9	2.2	2.5	2.3
38	INSTRUMENTS AND RELATED PRODUCTS	39.8	39.8	39.5	40.3	40.0	-	1.8	1.7	2.4	2.2
381	Engineering & scientific instruments	-	40.0	40.2	40.3	40.3	-	1.8	2.2	2.3	2.1
382	Mechanical measuring & control devices	(*)	39.3	38.7	39.6	39.7	-	1.9	1.6	2.4	2.4
3821	Mechanical measuring devices	-	39.7	39.3	40.4	40.4	-	-	-	-	-
3822	Automatic temperature controls	-	38.8	38.0	38.5	38.5	-	-	-	-	-
383,5	Optical and ophthalmic goods	(*)	39.9	38.9	40.4	40.0	-	1.7	1.3	2.5	2.4
385	Ophthalmic goods	-	39.5	38.5	39.9	39.4	-	1.6	1.2	2.1	1.9
384	Medical instruments and supplies	39.8	40.1	39.8	39.2	39.0	-	2.0	2.0	1.8	1.7
386	Photographic equipment and supplies	(*)	40.3	40.0	41.8	42.0	-	1.9	1.8	2.6	2.8
387	Watches, clocks, and watch cases	-	39.1	39.8	40.5	38.8	-	1.4	1.4	2.7	1.7
39	MISC. MANUFACTURING INDUSTRIES	38.7	38.8	38.5	38.7	38.6	-	2.0	1.9	2.1	2.0
391	Jewelry, silverware, and plated ware	39.0	39.0	38.8	38.9	38.8	-	2.6	2.3	1.9	2.4
394	Toys and sporting goods	-	38.3	38.1	38.0	38.4	-	1.6	1.7	1.9	1.8
3941-3	Games, toys, dolls, & play vehicles	-	37.8	37.5	37.2	37.8	-	-	-	-	-
3949	Sporting and athletic goods, n.e.c.	-	38.8	38.7	39.1	39.1	-	-	-	-	-
395	Pens, pencils, office and art supplies	-	38.9	38.7	38.9	38.3	-	1.1	.8	1.6	1.3
396	Costume jewelry and notions	-	38.8	38.2	39.3	38.8	-	2.2	2.1	2.5	2.2
393,9	Other manufacturing industries	39.2	39.2	38.7	38.9	38.7	-	2.1	2.0	2.2	2.2
393	Musical instruments and parts	-	40.0	39.8	38.5	38.6	-	2.2	2.0	1.4	1.6
<i>Nondurable Goods</i>											
20	FOOD AND KINDRED PRODUCTS	40.4	40.2	39.8	40.5	40.5	-	3.7	3.5	4.0	3.9
201	Meat products	41.1	40.5	40.0	40.9	40.9	-	4.4	4.2	4.5	4.3
2011	Meat packing plants	-	42.7	42.0	41.7	41.9	-	-	-	-	-
2013	Sausages and other prepared meats	-	39.3	39.2	41.0	40.7	-	-	-	-	-
2015	Poultry dressing plants	-	37.6	37.0	39.5	39.4	-	-	-	-	-

See footnotes at end of table.

**ESTABLISHMENT DATA
HOURS AND EARNINGS**

**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 1971 p	May 1971 p	Apr. 1971	June 1970	May 1970	June 1971 p	May 1971 p	Apr. 1971	June 1970	May 1970
	<i>Nondurable Goods--Continued</i>										
	FOOD AND KINDRED PRODUCTS--Continued										
202	Dairy products	(*)	41.1	41.1	42.2	41.5	-	3.8	3.6	4.5	4.3
2024	Ice cream and frozen desserts	-	40.1	39.7	43.0	42.2	-	-	-	-	-
2026	Fluid milk	-	41.6	41.5	42.0	41.6	-	-	-	-	-
203	Canned, cured, and frozen foods	-	38.5	37.6	37.6	39.0	-	3.0	2.5	3.0	3.2
2031,6	Canned, cured and frozen sea foods	-	36.1	37.9	33.5	35.9	-	-	-	-	-
2032,3	Canned food, except sea foods	-	38.8	38.0	38.2	39.3	-	-	-	-	-
2037	Frozen fruits and vegetables	-	39.2	36.8	38.3	40.9	-	-	-	-	-
204	Grain mill products	44.3	43.3	42.9	44.7	44.2	-	5.4	4.9	6.5	6.1
2041	Flour and other grain mill product	-	44.0	43.6	45.0	44.8	-	-	-	-	-
2042	Prepared feeds for animals and fowls	-	44.5	43.9	46.0	45.3	-	-	-	-	-
205	Bakery products	39.2	39.3	38.9	39.6	39.2	-	3.1	2.9	3.4	3.3
2051	Bread, cake, and related products	-	39.3	38.8	39.5	39.1	-	-	-	-	-
2052	Cookies and crackers	-	39.2	39.2	40.1	39.3	-	-	-	-	-
206	Sugar	-	38.8	38.3	40.7	40.7	-	2.8	2.8	3.8	3.7
207	Confectionery and related products	39.4	39.1	39.2	39.9	38.4	-	2.2	2.3	2.9	2.2
2071	Confectionery products	-	38.8	38.9	39.5	37.8	-	-	-	-	-
208	Beverages	(*)	40.1	39.9	40.7	40.4	-	3.3	3.3	3.7	3.7
2082	Malt liquors	-	41.2	41.0	41.8	41.7	-	-	-	-	-
2086	Bottled and canned soft drinks	-	39.4	39.5	40.5	40.2	-	-	-	-	-
209	Misc. foods and kindred products	41.9	41.1	40.9	41.1	41.0	-	4.1	4.0	4.1	4.3
21	TOBACCO MANUFACTURES	40.6	38.2	36.6	38.0	36.8	-	2.4	1.1	1.4	1.1
211	Cigarettes	-	38.5	36.9	38.6	36.8	-	3.0	1.2	1.5	1.0
212	Cigars	-	37.6	36.6	36.7	36.6	-	1.4	1.1	1.1	1.2
22	TEXTILE MILL PRODUCTS	41.0	40.7	40.1	40.3	39.7	-	3.7	3.4	3.3	3.2
221	Weaving mills, cotton	40.7	40.8	40.7	41.0	40.5	-	3.8	3.5	3.8	3.8
222	Weaving mills, synthetics	41.8	41.6	40.8	40.0	40.4	-	3.9	3.3	3.3	3.2
223	Weaving and finishing mills, wool	40.1	39.7	39.0	40.7	41.2	-	2.4	2.6	3.4	3.7
224	Narrow fabric mills	40.6	40.4	39.4	40.0	39.9	-	2.6	2.2	2.4	2.3
225	Knitting mills	39.0	38.6	37.5	38.6	37.8	-	2.8	2.3	2.7	2.4
2251	Women's hosiery, except socks	-	35.3	34.5	37.7	36.4	-	-	-	-	-
2252	Hosiery, n e c	-	37.5	35.2	37.4	36.6	-	-	-	-	-
2253	Knit outerwear mills	-	39.0	38.2	38.3	37.8	-	-	-	-	-
2254	Knit underwear mills	-	38.7	37.0	37.3	36.4	-	-	-	-	-
226	Textile finishing, except wool	42.6	42.1	42.2	41.4	40.7	-	4.6	4.9	4.0	3.7
227	Floor covering mills	-	42.9	40.9	42.0	40.5	-	4.7	3.7	3.6	2.9
228	Yarn and thread mills	42.1	41.6	41.3	39.8	39.7	-	4.4	4.1	3.3	3.5
229	Miscellaneous textile goods	41.9	41.9	40.9	40.9	40.2	-	4.3	3.7	3.6	3.6
23	APPAREL AND OTHER TEXTILE PRODUCTS	35.6	35.4	34.9	35.4	35.1	-	1.2	1.1	1.2	1.1
231	Men's and boys' suits and coats	34.5	34.9	33.2	35.0	35.5	-	.8	.5	.8	.8
232	Men's and boys' furnishings	37.3	36.8	36.0	37.1	36.5	-	1.3	1.1	1.3	1.1
2321	Men's and boys' shirts and nightwear	-	36.0	35.2	37.2	36.7	-	-	-	-	-
2327	Men's and boys' separate trousers	-	37.3	37.0	37.3	36.6	-	-	-	-	-
2328	Men's and boys' work clothing	-	36.5	35.8	37.0	36.7	-	-	-	-	-
233	Women's and misses' outerwear	(*)	33.6	33.7	33.1	32.8	-	1.1	1.1	1.1	1.0
2331	Women's and misses' blouses and waists	-	33.5	33.8	34.4	33.7	-	-	-	-	-
2335	Women's and misses' dresses	-	33.2	33.4	31.8	31.8	-	-	-	-	-
2337	Women's and misses' suits and coats	-	32.3	31.9	32.9	32.1	-	-	-	-	-
2339	Women's and misses' outerwear, n e c	-	35.7	35.8	35.5	35.2	-	-	-	-	-
234	Women's and children's undergarments	36.1	35.6	35.1	35.7	35.1	-	1.1	.8	1.1	.8
2341	Women's and children's underwear	-	35.5	35.1	35.9	35.2	-	-	-	-	-
2342	Corsets and allied garments	-	35.8	35.2	35.1	34.8	-	-	-	-	-
235	Hats, caps, and millinery	-	36.0	35.7	35.9	36.1	-	.8	.8	.9	1.0
236	Children's outerwear	36.1	35.6	34.7	36.0	35.6	-	1.3	.9	1.3	1.1
2361	Children's dresses and blouses	-	35.5	34.6	36.1	36.0	-	-	-	-	-
237,8	Fur goods and miscellaneous apparel	-	35.5	35.3	35.6	35.2	-	.9	.8	.9	.8
239	Misc. fabricated textile products	37.9	37.5	36.7	37.3	36.9	-	1.8	1.6	1.6	1.4
2391,2	Housefurnishings	-	37.1	37.1	36.7	36.4	-	-	-	-	-
26	PAPER AND ALLIED PRODUCTS	42.1	41.9	41.9	41.7	41.8	-	4.3	4.2	4.5	4.6
261,2,6	Paper and pulp mills	(*)	44.0	44.0	43.1	44.1	-	5.8	5.6	5.7	6.2
263	Paperboard mills	44.3	44.2	44.7	44.1	44.2	-	7.0	7.2	6.8	7.2
264	Misc. converted paper products	(*)	40.3	39.9	40.2	40.2	-	2.9	2.6	3.0	2.9
2643	Bags, except textile bags	-	39.5	39.3	40.1	40.0	-	-	-	-	-
265	Paperboard containers and boxes	41.0	40.5	40.5	40.6	40.1	-	3.2	3.2	3.7	3.4
2651,2	Folding and setup paperboard boxes	-	39.8	39.6	40.2	39.5	-	-	-	-	-
2653	Corrugated and solid fiber boxes	-	40.8	40.9	41.0	40.6	-	-	-	-	-
2654	Sanitary food containers	-	41.3	41.6	41.2	40.3	-	-	-	-	-

See footnotes at end of table.

ESTABLISHMENT DATA HOURS AND EARNINGS

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

SIC Code	Industry	Average weekly earnings					Average hourly earnings				
		June 1971 ^P	May 1971 ^P	Apr. 1971	June 1970	May 1970	June 1971 ^P	May 1971 ^P	Apr. 1971	June 1970	May 1970
	<i>Nondurable Goods--Continued</i>										
27	PRINTING AND PUBLISHING	\$157.59	\$156.79	\$154.42	\$147.03	\$145.89	\$4.18	\$4.17	\$4.14	\$3.90	\$3.88
271	Newspapers	(*)	161.32	158.45	151.01	149.10	(*)	4.57	4.54	4.23	4.20
272	Periodicals	-	165.36	171.07	168.89	168.49	-	4.24	4.32	4.17	4.15
273	Books	-	147.63	142.80	135.76	134.85	-	3.70	3.69	3.49	3.44
275	Commercial printing	162.01	161.24	159.33	152.86	150.90	4.23	4.21	4.16	3.96	3.94
2751	Commercial printing, ex. lithographic	-	156.62	154.31	149.00	145.16	-	4.10	4.05	3.86	3.83
2752	Commercial printing, lithographic	-	167.75	167.09	159.03	159.88	-	4.38	4.34	4.12	4.11
278	Blankbooks and bookbinding	120.20	119.45	118.00	111.89	111.97	3.18	3.16	3.13	2.96	2.97
274,6,7,9	Other publishing & printing ind.	(*)	155.83	151.07	144.40	141.75	(*)	4.09	4.05	3.81	3.77
28	CHEMICALS AND ALLIED PRODUCTS ...	163.12	161.44	162.15	152.72	151.42	3.94	3.89	3.87	3.68	3.64
281	Industrial chemicals	184.41	179.71	180.18	170.10	169.64	4.37	4.32	4.29	4.05	4.02
2812	Alkalies and chlorine	-	181.87	178.90	175.10	172.89	-	4.32	4.28	4.12	4.03
2818	Industrial organic chemicals, n e c.	-	192.61	195.89	181.90	181.05	-	4.63	4.62	4.28	4.26
2819	Industrial inorganic chemicals, n e c.	-	167.68	169.74	160.22	160.58	-	4.13	4.10	3.87	3.86
282	Plastics materials and synthetics	162.47	160.78	150.32	151.01	150.48	3.85	3.81	3.79	3.63	3.60
2821	Plastics materials and resins	-	173.34	173.69	164.05	162.35	-	4.05	4.03	3.86	3.82
2823,4	Synthetic fibers	-	147.33	146.78	137.90	137.69	-	3.55	3.52	3.38	3.35
283	Drugs	152.25	153.03	151.81	142.61	141.40	3.75	3.76	3.73	3.53	3.50
2834	Pharmaceutical preparations	-	147.38	146.97	136.40	134.19	-	3.63	3.62	3.41	3.38
284	Soap, cleaners, and toilet goods	160.66	156.75	158.69	150.70	148.37	3.89	3.88	3.88	3.64	3.61
2841	Soap and other detergents	-	191.83	194.81	192.13	189.45	-	4.76	4.74	4.51	4.50
2844	Toilet preparations	-	131.86	131.95	121.47	119.36	-	3.28	3.25	2.97	2.94
285	Paints and allied products	153.92	151.98	148.56	145.18	141.29	3.70	3.68	3.65	3.49	3.48
287	Agricultural chemicals	(*)	134.62	142.87	125.05	128.14	(*)	3.19	3.14	3.05	2.98
2871,2	Fertilizers, complete & mixing only	-	129.93	138.87	118.78	123.82	-	3.05	2.98	2.89	2.84
286,9	Other chemical products	(*)	153.50	151.57	142.49	141.73	(*)	3.69	3.67	3.45	3.44
2892	Explosives	-	159.47	154.01	145.89	143.92	-	3.88	3.86	3.62	3.58
29	PETROLEUM AND COAL PRODUCTS	192.32	193.34	193.31	181.04	181.90	4.59	4.56	4.57	4.23	4.25
291	Petroleum refining	198.92	202.92	203.89	188.21	189.06	4.84	4.82	4.82	4.46	4.48
295,9	Other petroleum and coal products	171.33	164.00	158.95	158.78	158.42	3.85	3.77	3.74	3.56	3.56
30	RUBBER AND PLASTICS PRODUCTS, N E C	136.49	136.55	133.67	127.26	123.29	3.37	3.38	3.35	3.15	3.09
301	Tires and inner tubes	(*)	188.55	180.63	173.44	172.19	(*)	4.50	4.46	4.22	4.21
302,3,6	Other rubber products	129.68	129.75	128.30	123.82	122.19	3.25	3.26	3.24	3.08	3.07
302	Rubber footwear	-	105.18	108.31	105.73	102.96	-	2.79	2.77	2.67	2.64
307	Miscellaneous plastics products	121.71	120.90	119.30	114.17	111.95	3.02	3.00	2.99	2.84	2.82
31	LEATHER AND LEATHER PRODUCTS ...	97.78	97.52	95.98	94.87	93.38	2.58	2.58	2.58	2.49	2.49
311	Leather tanning and finishing	133.98	133.65	132.59	125.33	124.93	3.30	3.30	3.29	3.11	3.10
314	Footwear, except rubber	95.38	94.50	92.50	92.83	91.13	2.51	2.50	2.50	2.43	2.43
312,3,5-7,5	Other leather products	92.37	93.36	92.74	89.06	87.72	2.51	2.53	2.52	2.42	2.41
316	Luggage	-	94.74	94.78	89.92	92.16	-	2.61	2.64	2.54	2.56
317	Handbags and personal leather goods	-	90.89	89.05	88.13	84.35	-	2.49	2.46	2.35	2.33
	TRANSPORTATION AND PUBLIC UTILITIES	166.87	164.83	162.41	156.29	153.12	4.09	4.08	4.05	3.84	3.79
	RAILROAD TRANSPORTATION:										
11	Class I railroads ²	-	(*)	(*)	174.21	170.82	-	(*)	(*)	3.88	3.90
	LOCAL AND INTERURBAN PASSENGER TRANSIT:										
411	Local and suburban transportation	-	150.06	146.67	143.31	141.79	-	3.59	3.56	3.38	3.36
413	Intercity highway transportation	-	173.05	176.82	172.94	166.36	-	4.19	4.21	4.05	3.98
42	TRUCKING AND WAREHOUSING	-	177.19	173.43	161.24	150.96	-	4.28	4.23	3.83	3.70
421,3	Trucking and trucking terminals	-	181.38	177.14	164.55	154.16	-	4.36	4.31	3.89	3.76
422	Public warehousing	-	127.01	124.41	121.57	118.78	-	3.24	3.19	3.07	3.03
46	PIPE LINE TRANSPORTATION	-	200.48	200.64	183.19	183.56	-	4.95	4.87	4.49	4.51
48	COMMUNICATION	-	137.39	136.26	134.41	132.16	-	3.55	3.53	3.42	3.38
481	Telephone communication	-	133.90	133.13	132.38	129.81	-	3.46	3.44	3.36	3.32
4817	Switchboard operating employees ³	-	100.63	100.28	95.43	94.05	-	2.90	2.89	2.75	2.75
4818	Line construction employees ⁴	-	190.85	188.66	187.23	181.19	-	4.26	4.23	4.17	4.09
482	Telegraph communication ⁵	-	(*)	158.56	157.61	154.94	(*)	3.83	3.83	3.64	3.57
483	Radio and television broadcasting	-	158.04	154.13	144.02	144.02	-	4.17	4.11	3.79	3.80

See footnotes at end of table.

**ESTABLISHMENT DATA
HOURS AND EARNINGS**

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

SIC Code	Industry	Average weekly hours					Average overtime hours				
		June 1971 ^P	May 1971 ^P	Apr. 1971	June 1970	May 1970	June 1971 ^P	May 1971 ^P	Apr. 1971	June 1970	May 1970
	<i>Nondurable Goods--Continued</i>										
27	PRINTING AND PUBLISHING	37.7	37.6	37.3	37.7	37.6					
271	Newspapers.....	(*)	35.3	34.9	35.7	35.5	2.6	2.5	2.7	2.8	
272	Periodicals.....	-	39.0	39.6	40.5	40.6	2.4	2.3	2.7	2.7	
273	Books.....	-	39.9	38.7	38.9	39.2	2.6	3.1	3.7	4.4	
275	Commercial printing.....	38.3	38.3	38.3	38.6	38.3	3.6	2.6	2.5	2.8	
2751	Commercial printing, ex. lithographic	-	38.2	38.1	38.6	37.9	-	-	-	-	
2752	Commercial printing, lithographic	-	38.3	38.5	38.6	38.9	-	-	-	-	
278	Blankbooks and bookbinding.....	37.8	37.8	37.7	37.8	37.7	1.7	1.7	1.7	1.7	
274,6,7,9	Other publishing & printing ind.....	(*)	38.1	37.3	37.9	37.6	2.2	1.9	2.4	2.0	
28	CHEMICALS AND ALLIED PRODUCTS ..	41.4	41.5	41.9	41.5	41.6	3.0	3.3	3.1	3.1	
281	Industrial chemicals.....	42.2	41.6	42.0	42.0	42.2	3.0	3.2	3.7	3.5	
2812	Alkalies and chlorine.....	-	42.1	41.8	42.5	42.9	-	-	-	-	
2818	Industrial organic chemicals, nec...	-	41.6	42.4	42.5	42.5	-	-	-	-	
2819	Industrial inorganic chemicals, nec..	-	40.6	41.4	41.4	41.6	-	-	-	-	
282	Plastics materials and synthetics....	42.2	42.2	42.3	41.6	41.8	2.9	3.0	2.7	2.6	
2821	Plastics materials and resins.....	-	42.8	43.1	42.5	42.5	-	-	-	-	
2823,4	Synthetic fibers.....	-	41.5	41.7	40.8	41.1	-	-	-	-	
283	Drugs.....	40.6	40.7	40.7	40.4	40.4	2.7	2.9	2.3	2.3	
2834	Pharmaceutical preparations.....	-	40.6	40.6	40.0	39.7	-	-	-	-	
284	Soap, cleaners, and toilet goods.....	41.3	40.4	40.9	41.4	41.1	2.5	2.6	3.3	2.9	
2841	Soap and other detergents.....	-	40.3	41.1	42.6	42.1	-	-	-	-	
2844	Toilet preparations.....	-	40.2	40.6	40.9	40.6	-	-	-	-	
285	Paints and allied products.....	41.6	41.3	40.7	41.6	40.6	3.0	2.5	3.3	2.7	
287	Agricultural chemicals.....	(*)	42.2	45.5	41.0	43.0	4.9	7.5	3.7	6.0	
2871,2	Fertilizers, complete & mixing only..	-	42.6	46.6	41.1	43.6	-	-	-	-	
286,9	Other chemical products.....	(*)	41.6	41.3	41.3	41.2	-	-	-	-	
2892	Explosives.....	-	41.1	39.9	40.3	40.2	-	-	-	-	
29	PETROLEUM AND COAL PRODUCTS	41.9	42.4	42.3	42.8	42.8	3.5	3.4	3.9	4.0	
291	Petroleum refining.....	41.1	42.1	42.3	42.2	42.2	2.7	2.9	3.1	3.2	
295,9	Other petroleum and coal products.....	44.5	43.5	42.5	44.6	44.5	6.0	5.2	6.5	6.8	
30	RUBBER AND PLASTICS PRODUCTS, NEC ..	40.5	40.4	39.9	40.4	39.9	3.3	2.8	3.4	3.1	
301	Tires and inner tubes.....	(*)	41.9	40.5	41.1	40.9	4.7	3.2	4.5	4.1	
302,3,6	Other rubber products.....	39.9	39.8	39.6	40.2	39.8	2.5	2.2	3.0	2.7	
302	Rubber footwear.....	-	37.7	39.1	39.6	39.0	1.8	2.2	2.7	2.4	
307	Miscellaneous plastics products.....	40.3	40.3	39.9	40.2	39.7	3.2	3.0	3.3	3.1	
31	LEATHER AND LEATHER PRODUCTS	37.9	37.8	37.2	38.1	37.5	1.8	1.5	1.7	1.9	
311	Leather tanning and finishing.....	40.6	40.5	40.3	40.3	40.3	3.5	3.4	3.5	3.7	
314	Footwear, except rubber.....	38.0	37.8	37.0	38.2	37.5	1.8	1.4	1.6	1.9	
312,3,5-7,9	Other leather products.....	36.8	36.9	36.8	36.8	36.4	1.3	1.2	1.5	1.2	
316	Luggage.....	-	36.3	35.9	35.4	36.0	1.2	.7	.8	.9	
317	Handbags and personal leather goods..	-	36.5	36.2	37.5	36.2	1.1	1.0	2.0	1.1	
	TRANSPORTATION AND PUBLIC UTILITIES	40.8	40.4	40.1	40.7	40.4					
	RAILROAD TRANSPORTATION:										
1	Class I railroads ²		(*)	(*)	44.9	43.8					
	LOCAL AND INTERURBAN PASSENGER TRANSIT:										
411	Local and suburban transportation....		41.8	41.2	42.8	42.2					
413	Intercity highway transportation.....		41.3	42.0	42.7	41.8					
	TRUCKING AND WAREHOUSING		41.4	41.0	42.1	40.8					
421,3	Trucking and trucking terminals.....	-	41.6	41.1	42.3	41.0	-	-	-	-	
422	Public warehousing.....	-	39.2	39.0	39.6	39.2	-	-	-	-	
46	PIPE LINE TRANSPORTATION		40.5	41.2	40.8	40.7					
	COMMUNICATION		38.7	38.6	39.3	39.1					
481	Telephone communication.....	-	38.7	38.7	39.4	39.1	-	-	-	-	
4817	Switchboard operating employees ³ ...	-	34.7	34.7	34.7	34.2	-	-	-	-	
4818	Line construction employees ⁴	-	44.8	44.6	44.9	44.3	-	-	-	-	
482	Telegraph communication ⁵	-	(*)	41.4	43.3	43.4	-	-	-	-	
483	Radio and television broadcasting.....	-	37.9	37.5	38.0	37.9	-	-	-	-	

See footnotes at end of table.

ESTABLISHMENT DATA HOURS AND EARNINGS

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

SIC Code	Industry	Average weekly earnings					Average hourly earnings				
		June 1971 ^P	May 1971 ^P	Apr. 1971	June 1970	May 1970	June 1971 ^P	May 1971 ^P	Apr. 1971	June 1970	May 1970
	TRANSPORTATION AND PUBLIC UTILITIES --Continued										
49	ELECTRIC, GAS, AND SANITARY SERVICES		\$182.10	\$180.87	\$169.74	\$172.22	-	\$4.42	\$4.39	\$4.11	\$4.13
491	Electric companies and systems		186.82	185.12	174.72	175.56	-	4.48	4.45	4.18	4.18
492	Gas companies and systems		164.43	162.41	154.22	155.77	-	4.07	4.01	3.78	3.79
493	Combination companies and systems...		199.00	199.41	184.16	188.07	-	4.83	4.84	4.47	4.51
494-7	Water, steam, & sanitary systems		152.35	153.09	143.72	144.07	-	3.68	3.68	3.48	3.48
-	WHOLESALE AND RETAIL TRADE	\$101.89	99.88	99.18	96.12	94.50	\$2.87	2.87	2.85	2.70	2.70
50	WHOLESALE TRADE	145.60	144.94	142.63	136.80	136.06	3.64	3.66	3.62	3.42	3.41
501	Motor vehicles & automotive equipment ..	-	133.85	132.33	130.06	128.70	-	3.38	3.35	3.18	3.17
502	Drugs, chemicals, and allied products...	-	145.54	142.49	139.52	138.55	-	3.79	3.73	3.55	3.58
503	Dry goods and apparel.....	-	133.50	130.98	126.07	125.15	-	3.56	3.54	3.38	3.41
504	Groceries and related products	-	137.02	134.06	127.20	126.80	-	3.46	3.42	3.18	3.21
506	Electrical goods.....	-	142.26	140.35	137.19	140.08	-	3.53	3.50	3.29	3.25
507	Hardware; plumbing & heating equipment	-	139.00	138.16	131.45	130.40	-	3.51	3.48	3.27	3.26
508	Machinery, equipment, and supplies....	-	161.16	158.36	151.33	148.19	-	3.95	3.91	3.70	3.65
509	Miscellaneous wholesalers.....	-	145.84	145.06	137.59	137.24	-	3.73	3.71	3.51	3.51
52-59	RETAIL TRADE	87.98	85.91	85.50	82.86	81.41	2.58	2.58	2.56	2.43	2.43
53	Retail general merchandise	-	78.25	77.56	75.99	74.42	-	2.50	2.47	2.36	2.37
531	Department stores	-	82.24	81.22	79.57	77.81	-	2.67	2.62	2.51	2.51
532	Mail order houses	-	103.42	101.20	94.98	91.55	-	2.78	2.75	2.56	2.55
533	Variety stores	-	57.23	57.14	57.19	55.67	-	1.96	1.95	1.90	1.90
54	Food stores.....	-	91.93	90.69	88.44	85.81	-	2.90	2.87	2.68	2.69
541-3	Grocery, meat, and vegetable stores ..	-	93.81	92.86	90.58	87.63	-	2.95	2.92	2.72	2.73
56	Apparel and accessory stores	-	74.10	75.21	72.77	70.88	-	2.36	2.38	2.26	2.25
561	Men's & boys' clothing & furnishings ..	-	90.42	90.91	89.52	88.22	-	2.74	2.73	2.61	2.61
562	Women's ready-to-wear stores	-	66.49	67.98	64.06	62.72	-	2.18	2.20	2.08	2.07
565	Family clothing stores	-	73.78	72.67	70.93	69.93	-	2.17	2.15	2.08	2.10
566	Shoe stores.....	-	73.20	75.60	73.01	70.20	-	2.44	2.52	2.34	2.34
57	Furniture and home furnishings stores...	-	113.53	111.44	109.00	107.53	-	3.06	3.02	2.93	2.93
571	Furniture and home furnishings.....	-	113.59	111.50	109.66	107.75	-	3.07	3.03	2.94	2.92
58	Eating and drinking places ⁶	-	59.28	58.87	57.96	57.04	-	1.95	1.93	1.84	1.84
52,55,59	Other retail trade	-	107.73	107.64	103.14	101.41	-	2.85	2.84	2.70	2.69
52	Building materials and farm equipment	-	119.30	117.31	112.28	111.16	-	2.99	2.94	2.80	2.80
551,2	Motor vehicle dealers	-	143.32	143.67	136.20	133.57	-	3.53	3.53	3.33	3.29
553,9	Other automotive & accessory dealers...	-	121.01	119.65	111.79	111.93	-	2.93	2.89	2.72	2.73
591	Drug stores and proprietary stores ..	-	78.37	77.35	74.38	72.38	-	2.48	2.44	2.31	2.32
594	Book and stationery stores	-	87.91	87.38	87.30	84.33	-	2.64	2.64	2.56	2.54
598	Fuel and ice dealers.....	-	124.97	126.32	117.99	118.12	-	3.14	3.15	2.85	2.86
-	FINANCE, INSURANCE, AND REAL ESTATE⁷	121.03	121.77	119.93	111.57	111.57	3.28	3.30	3.25	3.04	3.04
60	Banking	-	107.01	107.30	101.57	101.57	-	2.90	2.90	2.76	2.76
61	Credit agencies other than banks	-	111.00	109.42	103.42	103.14	-	2.96	2.91	2.78	2.78
612	Savings and loan associations	-	108.12	107.22	100.28	100.65	-	2.93	2.89	2.74	2.75
62	Security, commodity brokers & services ..	-	216.08	205.50	165.61	162.43	-	5.84	5.48	4.44	4.39
63	Insurance carriers	-	126.94	125.83	120.34	120.66	-	3.44	3.41	3.27	3.27
631	Life insurance	-	127.79	127.06	121.94	122.28	-	3.53	3.51	3.35	3.35
632	Accident and health insurance	-	119.41	117.61	109.93	111.57	-	3.21	3.17	3.02	3.04
633	Fire, marine, and casualty insurance...	-	128.28	126.38	121.27	121.92	-	3.43	3.37	3.26	3.26
-	SERVICES	103.89	102.34	102.30	96.95	96.04	3.02	3.01	3.00	2.81	2.80
	Hotels and other lodging places:										
701	Hotels, tourist courts, and motels ⁶ ...	-	71.19	70.93	67.57	67.23	-	2.10	2.08	1.97	1.96
	Personal Services:										
721	Laundries and dry cleaning plants....	-	81.90	80.73	78.12	78.12	-	2.32	2.30	2.17	2.17
722	Photographic studios	-	95.59	99.10	88.58	90.14	-	2.67	2.73	2.56	2.49
	Motion pictures:										
781	Motion picture filming & distributing..	-	186.50	181.54	180.91	172.87	-	4.96	4.88	4.58	4.41

See footnotes at end of table.

**ESTABLISHMENT DATA
HOURS AND EARNINGS**

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

SIC Code	Industry	Average weekly hours					Average overtime hours				
		June 1971 p	May 1971 p	Apr. 1971	June 1970	May 1970	June 1971 p	May 1971 p	Apr. 1971	June 1970	May 1970
TRANSPORTATION AND PUBLIC UTILITIES--Continued											
49	ELECTRIC, GAS, AND SANITARY SERVICES		41.2	41.2	41.3	41.7					
491	Electric companies and systems.....		41.7	41.6	41.8	42.0					
492	Gas companies and systems.....		40.4	40.5	40.8	41.1					
493	Combination companies and systems..		41.2	41.2	41.2	41.7					
494-7	Water, steam & sanitary systems.....		41.4	41.6	41.3	41.4					
-	WHOLESALE AND RETAIL TRADE.....	35.5	34.8	34.8	35.6	35.0					
50	WHOLESALE TRADE.....	40.0	39.6	39.4	40.0	39.9					
501	Motor vehicles & automotive equipment..	-	39.6	39.5	40.9	40.6					
502	Drugs, chemicals, and allied products...		38.4	38.2	39.3	38.7					
503	Dry goods and apparel.....		37.5	37.0	37.3	36.7					
504	Groceries and related products.....		39.6	39.2	40.0	39.5					
506	Electrical goods.....		40.3	40.1	41.7	43.1					
507	Hardware; plumbing & heating equipment		39.6	39.7	40.2	40.0					
508	Machinery, equipment, and supplies....		40.8	40.5	40.9	40.6					
509	Miscellaneous wholesalers.....	-	39.1	39.1	39.2	39.1					
52-59	RETAIL TRADE.....	34.1	33.3	33.4	34.1	33.5					
53	Retail general merchandise.....	-	31.3	31.4	32.2	31.4					
531	Department stores.....	-	30.8	31.0	31.7	31.0					
532	Mail order houses.....		37.2	36.8	37.1	35.9					
533	Variety stores.....		29.2	29.3	30.1	29.3					
54	Food stores.....		31.7	31.6	33.0	31.9					
541-3	Grocery, meat, and vegetable stores...		31.8	31.8	33.3	32.1					
56	Apparel and accessory stores.....		31.4	31.6	32.2	31.5					
561	Men's & boys' clothing & furnishings..		33.0	33.3	34.3	33.8					
562	Women's ready-to-wear stores.....		30.5	30.9	30.8	30.3					
565	Family clothing stores.....		34.0	33.8	34.1	33.3					
566	Shoe stores.....		30.0	30.0	31.2	30.0					
57	Furniture and home furnishings stores..		37.1	36.9	37.2	36.7					
571	Furniture and home furnishings.....		37.0	36.8	37.3	36.9					
58	Eating and drinking places ⁶		30.4	30.5	31.5	31.0					
52,55,59	Other retail trade.....		37.8	37.9	38.2	37.7					
52	Building materials and farm equipment		39.9	39.9	40.1	39.7					
551,2	Motor vehicle dealers.....		40.6	40.7	40.9	40.6					
553,9	Other automotive & accessory dealers.		41.3	41.4	41.1	41.0					
591	Drug stores and proprietary stores...		31.6	31.7	32.2	31.2					
594	Book and stationery stores.....		33.3	33.1	34.1	33.2					
598	Fuel and ice dealers.....	-	39.8	40.1	41.4	41.3					
-	FINANCE, INSURANCE, AND REAL ESTATE⁷.....	36.9	36.9	36.9	36.7	36.7					
60	Banking.....	-	36.9	37.0	36.8	36.8					
61	Credit agencies other than banks.....	-	37.5	37.6	37.2	37.1					
612	Savings and loan associations.....	-	36.9	37.1	36.6	36.6					
62	Security, commodity brokers & services.		37.0	37.5	37.3	37.0					
63	Insurance carriers.....		36.9	36.9	36.8	36.9					
631	Life insurance.....		36.2	36.2	36.4	36.5					
632	Accident and health insurance.....	-	37.2	37.1	36.4	36.7					
633	Fire, marine, and casualty insurance..	-	37.4	37.5	37.2	37.4					
-	SERVICES.....	34.4	34.0	34.1	34.5	34.3					
	Hotels and other lodging places:										
701	Hotels, tourist courts, and motels ⁶ ...		33.9	34.1	34.3	34.3					
	Personal Services:										
721	Laundries & dry cleaning plants.....		35.3	35.1	36.0	36.0					
722	Photographic studios.....		35.8	36.3	34.6	36.2					
	Motion pictures:										
781	Motion picture filming & distributing..	-	37.6	37.2	39.5	39.2					

¹ For coverage of series, see footnote 1, table B-2.
² Beginning January 1965, data relate to railroads with operating revenues of \$5,000,000 or more.
³ Data relate to employees in such occupations in the telephone industry as switchboard operators; service assistants; operating room instructors; and pay-station attendants. In 1968, such employees made up 32 percent of the total number of nonsupervisory employees in establishments reporting hours and earnings data.
⁴ Data relate to employees in such occupations in the telephone industry as central office craftsmen; installation and exchange repair craftsmen; line, cable, and conduit craftsmen; and laborers. In 1968, such employees made up 32 percent of the total number of nonsupervisory employees in establishments reporting hours and earnings data.
⁵ Data relate to nonsupervisory employees except messengers.
⁶ Money payments only; tips, not included.
⁷ Data for nonoffice salesmen excluded from all series in this division.
^{*} Not available.
^{**} Corrected data for January, February, and March 1971 are: Average weekly earnings: \$160.79, \$159.88, and \$163.19; average hourly earnings--\$4.05, \$4.11, and \$4.09; average weekly hours--39.7, 38.9, and 39.9.
^p=preliminary.

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	1971					1970							
	Apr.	Mar.	Feb.	Jan.	Dec.	Nov.	Oct.	Sept.	Aug.	July	June	May	Apr.
EXECUTIVE BRANCH													
Total employment	2,622.9	2,610.8	2,608.4	2,602.2	2,656.6	2,611.1	2,606.6	2,611.9	2,637.4	2,662.9	2,672.7	2,728.6	2,802.0
Average weekly hours	39.2	39.3	39.5	39.3	42.9	39.7	39.6	39.4	39.2	39.3	38.9	38.2	37.9
Average overtime hours . . . . .	.8	.8	.8	.9	3.8	.9	1.0	.9	.9	.8	.8	.8	.9
Indexes (1967=100):													
Average weekly earnings	139.0	139.5	139.8	138.8	149.5	134.8	133.1	131.9	128.8	127.0	127.3	125.8	122.7
Average hourly earnings	139.7	139.1	139.5	139.2	137.3	133.8	132.4	131.9	129.5	127.3	128.9	129.7	127.6
DEPARTMENT OF DEFENSE													
Total employment	1,001.5	1,000.5	998.9	999.9	1,003.8	1,006.8	1,009.1	1,013.4	1,021.9	1,034.5	1,044.7	1,048.1	1,053.4
Average weekly hours	39.8	40.1	40.1	40.0	40.0	40.2	40.2	39.9	40.0	39.9	39.3	39.7	40.0
Average overtime hours . . . . .	.7	.8	.8	.8	.8	.8	.8	.8	.7	.7	.8	.7	.7
Indexes (1967=100):													
Average weekly earnings	140.7	141.3	141.5	140.1	136.8	135.1	132.4	131.4	128.5	127.9	129.4	131.3	129.8
Average hourly earnings	142.5	142.0	142.2	141.1	137.9	135.4	132.7	132.7	129.4	129.2	132.7	133.2	130.8
POST OFFICE DEPARTMENT													
Total employment	718.2	718.0	718.7	720.6	776.8	725.0	718.0	718.7	723.5	726.8	723.9	716.5	716.0
Average weekly hours	38.5	38.3	39.2	38.8	51.3	39.5	39.1	38.9	38.8	38.5	38.7	38.7	39.0
Average overtime hours . . . . .	.9	.7	.8	1.1	11.4	1.2	1.5	.9	.9	.7	.9	1.2	1.6
Indexes (1967=100):													
Average weekly earnings	135.6	134.6	137.8	136.1	195.7	136.3	135.6	133.7	132.7	121.6	123.2	123.8	125.4
Average hourly earnings	136.0	135.7	135.7	135.4	147.3	133.2	133.8	132.6	132.0	122.0	122.9	123.5	124.1
OTHER AGENCIES													
Total employment	903.2	892.3	890.8	881.7	876.0	879.3	879.5	879.8	892.0	901.6	904.1	964.0	1,032.6
Average weekly hours	39.2	39.2	39.2	39.1	39.1	39.2	39.2	39.2	38.5	39.2	38.6	36.1	34.9
Average overtime hours . . . . .	.8	.8	.8	.8	.8	.9	1.0	1.1	.9	1.0	.9	.7	.7
Indexes (1967=100):													
Average weekly earnings	141.5	141.5	142.3	141.9	134.4	135.0	133.5	133.0	127.7	131.0	129.5	121.6	114.4
Average hourly earnings	140.1	140.1	140.8	140.8	133.4	133.7	132.2	131.7	128.7	129.7	130.2	130.7	127.2

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

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

Major industry group	Average hourly earnings excluding overtime ¹				
	June 1971 ^p	May 1971 ^p	Apr. 1971	June 1970	May 1970
MANUFACTURING	\$3.44	\$3.43	\$3.42	\$3.23	\$3.22
DURABLE GOODS	3.66	3.66	3.64	3.44	3.42
Ordnance and accessories	-	3.72	3.70	3.50	3.50
Lumber and wood products	-	2.99	2.96	2.85	2.79
Furniture and fixtures	-	2.80	2.79	2.68	2.68
Stone, clay, and glass products	-	3.44	3.42	3.23	3.21
Primary metal industries	-	3.99	4.01	3.78	3.76
Fabricated metal products	-	3.61	3.59	3.39	3.39
Machinery, except electrical	-	3.86	3.85	3.62	3.62
Electrical equipment and supplies	-	3.42	3.40	3.21	3.18
Transportation equipment	-	4.28	4.25	3.92	3.92
Instruments and related products	-	3.42	3.40	3.22	3.21
Miscellaneous manufacturing industries	-	2.87	2.88	2.74	2.73
NONDURABLE GOODS	3.14	3.12	3.12	2.95	2.94
Food and kindred products	-	3.23	3.23	3.00	3.01
Tobacco manufactures	-	3.19	3.20	2.98	2.95
Textile mill products	-	2.45	2.45	2.34	2.33
Apparel and other textile products	-	2.43	2.43	2.34	2.33
Paper and allied products	-	3.44	3.44	3.25	3.23
Printing and publishing	-	(2)	(2)	(2)	(2)
Chemicals and allied products	-	3.76	3.72	3.54	3.51
Petroleum and coal products	-	4.38	4.39	4.05	4.06
Rubber and plastics products, n e c	-	3.25	3.24	3.02	2.98
Leather and leather products	-	2.52	2.53	2.43	2.43

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

²Not 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 workers¹
on private nonagricultural payrolls, in current and 1967 dollars**

Industry	Gross average weekly earnings			Spendable average weekly earnings					
	May 1971 ^P	Apr. 1971	May 1970	Worker with no dependents			Worker with three dependents		
				May 1971 ^P	Apr. 1971	May 1970	May 1971 ^P	Apr. 1971	May 1970
TOTAL PRIVATE:									
Current dollars.....	\$125.83	\$124.05	\$118.40	\$101.81	\$100.45	\$95.14	\$110.36	\$108.97	\$103.77
1967 dollars.....	104.16	103.20	102.33	84.28	83.57	82.23	91.36	90.66	89.69
MINING:									
Current dollars.....	171.30	170.87	162.26	137.07	136.73	128.02	147.37	147.02	138.74
1967 dollars.....	141.80	142.15	140.24	113.47	113.75	110.65	122.00	122.31	119.91
CONTRACT CONSTRUCTION:									
Current dollars.....	208.31	204.61	194.31	166.21	163.32	152.33	178.27	175.18	165.13
1967 dollars.....	172.44	170.22	167.94	137.59	135.87	131.66	147.57	145.74	142.72
MANUFACTURING:									
Current dollars.....	141.65	139.83	132.93	113.91	112.52	106.02	122.99	121.54	115.27
1967 dollars.....	117.26	116.33	114.89	94.30	93.61	91.63	101.81	101.11	99.63
TRANSPORTATION AND PUBLIC UTILITIES:									
Current dollars.....	164.83	162.41	153.12	131.95	130.04	120.99	141.97	139.95	131.20
1967 dollars.....	136.45	135.12	132.14	109.23	108.19	104.57	117.52	116.43	113.40
WHOLESALE AND RETAIL TRADE:									
Current dollars.....	99.88	99.18	94.50	82.41	81.89	77.12	90.14	89.58	84.93
1967 dollars.....	82.68	82.51	81.68	68.22	68.13	66.66	74.62	74.53	73.41
FINANCE, INSURANCE, AND REAL ESTATE:									
Current dollars.....	121.77	119.93	111.57	98.70	97.29	90.03	107.20	105.77	98.37
1967 dollars.....	100.80	99.78	96.43	81.71	80.94	77.81	88.74	88.00	85.02
SERVICES:									
Current dollars.....	102.34	120.30	96.04	84.24	84.21	78.31	92.07	92.04	86.16
1967 dollars.....	84.72	85.11	83.01	69.74	70.06	67.68	76.22	76.57	74.47
CONSUMER PRICE INDEX (All items, 1967 = 100)	120.8	120.2	115.7	NOTE: The Consumer Price Index is an estimate of the average change in prices of goods and services purchased by urban wage earners and clerical workers.					

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

C-6: Indexes of aggregate weekly man-hours and payrolls in industrial and construction activities¹

Industry	1967 = 100				
	June 1971 ^P	May 1971 ^P	Apr. 1971	June 1970	May 1970
	Man-hours				
TOTAL	96.2	93.7	91.8	100.4	97.6
MINING	103.4	100.4	99.1	104.1	100.6
CONTRACT CONSTRUCTION	105.6	98.5	94.8	110.7	104.2
MANUFACTURING	94.3	92.6	91.1	98.4	96.3
DURABLE GOODS	91.3	90.0	88.1	97.1	95.6
Ordnance and accessories.....	59.2	57.2	56.2	76.4	78.2
Lumber and wood products.....	100.5	95.5	93.3	99.1	95.8
Furniture and fixtures.....	100.8	97.0	94.6	96.4	94.2
Stone, clay, and glass products.....	102.9	99.8	97.4	103.4	101.0
Primary metal industries.....	96.0	95.5	95.0	98.9	97.1
Fabricated metal products.....	95.9	94.6	92.1	100.4	98.1
Machinery, except electrical.....	80.6	80.2	80.3	94.4	94.7
Electrical equipment and supplies.....	88.9	87.7	86.4	96.5	95.0
Transportation equipment.....	92.1	91.1	86.7	96.9	94.2
Instruments and related products.....	87.4	87.5	86.2	97.5	97.7
Miscellaneous manufacturing industries.....	92.4	91.1	88.7	95.6	94.0
NONDURABLE GOODS	98.5	96.5	95.4	100.2	97.4
Food and kindred products.....	98.6	93.2	91.2	100.3	95.9
Tobacco manufactures.....	78.2	72.6	70.8	77.7	74.5
Textile mill products.....	98.6	96.6	94.9	98.9	97.0
Apparel and other textile products.....	97.0	96.7	94.6	97.6	94.7
Paper and allied products.....	97.5	95.6	97.6	103.1	101.4
Printing and publishing.....	98.7	98.2	97.9	101.0	100.6
Chemicals and allied products.....	100.7	100.4	101.3	102.4	102.6
Petroleum and coal products.....	102.7	101.8	99.8	106.2	102.9
Rubber and plastics products, nec.....	108.3	106.6	104.2	107.4	99.2
Leather and leather products.....	90.4	88.4	86.1	94.8	90.9
	Payrolls				
MINING	132.1	127.1	125.4	124.7	119.9
CONTRACT CONSTRUCTION	144.0	134.9	127.3	138.1	129.2
MANUFACTURING	118.9	116.4	113.9	116.9	113.9

¹For mining and manufacturing, data refer to production and related workers; for contract-construction, data relate to construction workers.
p = preliminary.

ESTABLISHMENT DATA
SEASONALLY ADJUSTED HOURS

**C-7: Average weekly hours of production or nonsupervisory workers¹
on private nonagricultural payrolls, seasonally adjusted**

Industry	1971						1970						
	June p	May p	Apr.	Mar.	Feb.	Jan.	Dec.	Nov.	Oct.	Sept.	Aug.	July	June
TOTAL PRIVATE	37.1	37.0	37.0	37.0	36.9	37.1	37.0	36.9	36.9	36.8	37.2	37.3	37.2
MINING ...	42.3	42.3	42.4	42.9	42.7	42.8	43.0	42.8	42.7	42.0	42.2	42.5	42.4
CONTRACT CONSTRUCTION	37.4	37.0	37.4	37.9	36.8	37.1	38.0	37.1	36.9	35.1	37.3	37.4	37.6
MANUFACTURING	40.0	39.9	39.8	39.9	39.5	39.8	39.6	39.6	39.4	39.3	39.8	40.1	39.8
<i>Overtime hours</i>	3.0	2.8	2.9	2.8	2.9	2.8	2.7	2.7	2.8	2.8	3.0	3.0	3.1
DURABLE GOODS	40.6	40.5	40.2	40.5	40.1	40.4	40.1	40.0	39.9	39.8	40.3	40.7	40.4
<i>Overtime hours</i>	3.0	2.9	2.8	2.8	2.8	2.7	2.6	2.5	2.6	2.7	2.9	3.1	3.2
Ordnance and accessories	41.9	41.4	41.6	42.1	41.7	41.2	40.6	40.2	40.1	39.7	40.4	40.3	40.6
Lumber and wood products	40.0	39.9	40.2	40.0	40.1	39.4	39.9	39.9	39.2	39.6	39.8	39.8	39.6
Furniture and fixtures	40.0	40.0	39.5	39.7	39.3	39.5	39.6	39.4	39.2	38.3	39.0	39.3	38.9
Stone, clay, and glass products	41.7	41.4	41.2	41.8	41.4	41.2	41.4	41.1	41.0	40.9	41.0	41.2	41.1
Primary metal industries	40.9	40.9	40.8	40.7	40.6	40.3	39.9	39.6	39.9	40.9	40.4	40.7	40.4
Fabricated metal products	40.9	40.6	40.1	40.3	40.2	40.5	40.3	40.0	40.1	39.8	40.6	41.3	40.9
Machinery, except electrical	40.6	40.4	40.0	40.2	40.1	40.2	40.4	40.6	40.4	40.1	40.9	41.1	41.1
Electrical equipment and supplies	40.1	39.9	39.8	39.8	39.2	39.8	39.7	39.6	39.7	39.2	39.9	40.4	39.5
Transportation equipment	41.6	41.1	40.4	41.9	41.5	41.3	40.2	39.9	39.8	39.8	40.7	41.2	41.6
Instruments and related products	39.7	39.9	39.7	39.7	39.3	39.7	39.6	40.0	39.8	39.4	40.0	40.3	40.2
Miscellaneous manufacturing industries	38.6	38.9	38.7	38.8	37.8	38.8	38.8	38.6	38.3	38.1	38.6	39.1	38.6
NONDURABLE GOODS	39.2	39.3	39.2	39.1	38.9	39.3	39.1	38.9	38.9	38.6	39.1	39.3	39.0
<i>Overtime hours</i>	2.9	3.0	2.9	2.9	2.9	2.9	2.9	2.8	2.8	2.8	3.0	2.9	3.0
Food and kindred products	40.2	40.4	40.5	40.4	40.7	40.8	40.5	40.4	40.5	40.0	40.7	40.2	40.3
Tobacco manufactures	40.0	38.5	37.8	37.9	36.1	39.4	39.0	38.4	38.1	36.1	37.4	37.9	37.4
Textile mill products	40.7	40.8	40.8	40.3	40.1	40.4	39.7	39.6	39.6	38.8	39.9	40.3	40.0
Apparel and other textile products	35.4	35.4	35.0	35.2	34.7	35.2	35.4	35.4	34.9	34.2	35.1	35.5	35.2
Paper and allied products	42.0	41.9	42.3	41.8	41.8	41.9	41.5	41.6	41.7	41.4	41.7	41.7	41.6
Printing and publishing	37.7	37.7	37.5	37.5	37.3	37.7	37.6	37.5	37.4	37.4	37.6	37.9	37.7
Chemicals and allied products	41.4	41.4	41.7	41.4	41.5	41.6	41.4	41.3	41.3	42.0	41.3	41.5	41.5
Petroleum and coal products	41.7	42.1	42.0	42.2	43.3	42.6	43.5	43.0	43.2	43.0	43.1	42.6	42.6
Rubber and plastics products, nec	40.5	40.5	40.3	40.2	40.0	40.1	39.5	39.4	39.6	40.0	40.4	40.8	40.4
Leather and leather products	37.5	38.0	38.3	37.4	36.6	37.0	37.3	37.1	37.0	36.5	36.8	37.6	37.6
TRANSPORTATION AND PUBLIC UTILITIES ...	40.7	40.6	40.5	40.5	40.3	40.1	39.9	40.2	40.5	40.5	40.6	40.7	40.6
WHOLESALE AND RETAIL TRADE	35.3	35.2	35.2	35.0	35.0	35.0	35.1	35.3	35.3	35.2	35.4	35.4	35.4
WHOLESALE TRADE	39.9	39.8	39.6	39.7	39.6	39.7	39.9	39.8	39.9	39.7	39.9	40.0	39.9
RETAIL TRADE	33.8	33.7	33.8	33.6	33.5	33.6	33.6	33.8	33.8	33.8	33.9	33.9	33.8
FINANCE, INSURANCE, AND REAL ESTATE ...	36.9	37.0	36.9	36.9	36.8	36.7	36.6	36.8	36.7	36.7	36.9	36.8	36.7
SERVICES	34.3	34.2	34.2	34.1	34.2	34.2	34.4	34.4	34.4	34.5	34.7	34.6	34.4

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

p = preliminary.

ESTABLISHMENT DATA
SEASONALLY ADJUSTED

C-8: Indexes of aggregate weekly man-hours in industrial and construction activities¹
seasonally adjusted

1967 = 100

Industry	1971						1970						
	June ^p	May ^p	Apr.	Mar.	Feb.	Jan.	Dec.	Nov.	Oct.	Sept.	Aug.	July	June
TOTAL . . .	93.9	94.3	94.0	94.0	93.2	94.1	94.6	92.1	92.4	94.6	96.6	97.9	97.9
MINING . . .	99.3	99.9	100.1	101.5	101.1	101.7	101.8	101.7	100.8	99.0	99.0	99.7	99.9
CONTRACT CONSTRUCTION . . .	97.6	98.7	100.5	100.2	95.3	97.6	103.0	100.0	98.6	93.1	100.8	101.4	102.1
MANUFACTURING . . .	93.1	93.4	92.7	92.7	92.5	93.3	92.9	90.4	91.1	94.7	95.8	97.2	97.1
DURABLE GOODS	89.9	90.1	89.0	89.3	89.2	89.8	89.6	85.7	86.9	92.9	93.9	95.5	95.6
Ordnance and accessories	59.4	58.1	57.3	59.1	60.8	62.4	63.7	65.3	67.3	69.9	71.7	72.7	76.5
Lumber and wood products	95.1	95.0	95.3	95.1	95.3	92.9	93.3	94.1	93.0	93.9	93.6	93.6	93.9
Furniture and fixtures	100.2	99.4	97.1	97.0	96.1	96.8	96.8	97.1	96.9	95.4	95.8	96.8	95.6
Stone, clay, and glass products	99.3	99.3	98.5	99.1	98.7	98.3	99.3	97.8	98.6	99.3	98.6	98.9	99.8
Primary metal industries	93.1	94.0	93.6	93.1	92.5	91.8	90.7	89.2	92.1	98.3	95.7	96.5	95.9
Fabricated metal products	94.5	95.0	93.6	91.2	93.2	93.9	94.1	90.1	91.9	97.2	98.5	100.0	98.9
Machinery, except electrical	79.6	80.0	79.6	80.7	81.1	82.1	83.8	84.9	85.5	88.2	90.4	92.8	93.2
Electrical equipment and supplies	89.1	89.2	88.5	88.3	86.7	88.5	88.8	88.0	90.6	92.8	95.1	98.0	96.4
Transportation equipment	91.2	90.6	87.7	90.6	90.6	91.3	87.8	88.0	68.6	90.2	92.2	93.7	96.0
Instruments and related products	86.8	88.3	87.1	87.1	87.3	89.2	89.3	90.9	91.5	92.6	94.3	96.4	96.9
Miscellaneous manufacturing industries	91.4	92.1	91.4	91.1	90.1	92.5	93.1	90.3	90.7	92.0	93.5	95.0	94.6
NONDURABLE GOODS	97.7	98.3	98.1	97.7	97.3	98.3	97.7	97.4	97.1	97.3	98.5	99.8	99.4
Food and kindred products	99.0	99.1	99.3	99.6	100.7	100.7	99.8	99.3	98.8	98.3	100.4	99.6	100.8
Tobacco manufactures	88.5	86.5	84.9	81.2	79.8	87.1	84.9	86.3	84.3	79.8	90.6	89.2	88.0
Textile mill products	96.6	97.2	97.1	95.8	95.8	97.1	94.9	94.3	94.6	93.7	96.1	97.3	96.9
Apparel and other textile products	95.4	96.9	95.6	95.8	93.4	95.4	95.9	95.4	93.7	92.9	95.0	97.5	95.9
Paper and allied products	95.9	96.6	99.6	98.4	98.8	99.6	98.8	99.4	99.1	99.8	100.0	100.7	101.4
Printing and publishing	98.6	98.9	98.4	99.0	98.7	100.0	100.3	99.7	99.6	100.2	100.1	101.5	100.8
Chemicals and allied products	99.9	100.1	100.1	99.4	100.0	100.6	100.1	100.2	101.2	103.4	101.0	102.0	101.7
Petroleum and coal products	99.8	101.6	100.5	101.8	103.6	101.9	103.2	102.0	102.5	101.1	103.1	102.8	102.8
Rubber and plastics products, nec	107.8	107.8	106.0	105.5	103.3	102.5	100.8	100.5	102.0	106.2	106.5	110.3	106.8
Leather and leather products	88.7	89.5	89.9	86.5	84.9	86.5	86.9	87.1	87.8	86.9	88.0	92.5	92.8

¹ For mining and manufacturing, data refer to production and related workers; for contract construction, data relate to construction workers.
p= preliminary.

C-9: Man-hours of wage and salary workers in nonagricultural establishments

Industry division	Annual rate, millions of man-hours ¹			Percent change ²		
	June 1971 p	May 1971 p	April 1971	May 1971 to June 1971	April 1971 to May 1971	June 1970 to June 1971
TOTAL - ALL INDUSTRIES . . .	138,116	138,435	137,889	-2.7	4.9	-0.2
TOTAL - PRIVATE . . .	111,721	112,005	111,754	-3.0	2.7	-0.9
MINING . . .	1,364	1,370	1,374	-5.1	- 3.4	-0.2
CONTRACT CONSTRUCTION . . .	6,253	6,288	6,396	-6.5	-18.5	-3.8
MANUFACTURING	38,541	38,708	38,574	-5.1	4.2	-4.1
TRANSPORTATION AND PUBLIC UTILITIES	9,522	9,492	9,458	3.9	4.4	0.0
WHOLESALE AND RETAIL TRADE	27,771	27,853	27,745	-3.5	4.8	1.1
FINANCE, INSURANCE, AND REAL ESTATE	7,265	7,273	7,222	1.3	8.8	3.5
SERVICES . . .	21,005	21,021	20,985	-0.9	2.1	1.8
GOVERNMENT . . .	26,395	26,430	26,135	-1.6	14.4	2.8

¹ Data refer to hours paid for all employees—production workers, nonsupervisory workers and salaried workers—and are based largely on establishment data. See BLS Handbook of Methods for Surveys and Studies—Chapter 22. Output Per Man-Hour Measures, Private Economy.

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

³ Percent change compounded at annual rates.

p=preliminary.

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

OUTPUT PER MAN-HOUR SEASONALLY ADJUSTED

C-10: Output per man-hour, hourly compensation, and unit labor costs, private economy,¹ seasonally adjusted

(Indexes 1967 = 100)

Year and quarter	Output		Man-hours ²		Output per man-hour		Compensation per man-hour ³		Real compensation per man-hour ⁴		Unit labor costs		Unit nonlabor payments ⁵		Implicit price deflator	
	Private	Private nonfarm	Private	Private nonfarm	Private	Private nonfarm	Private	Private nonfarm	Private	Private nonfarm	Private	Private nonfarm	Private	Private nonfarm	Private	Private nonfarm
1968: 1st quarter	102.8	102.8	100.9	100.9	101.9	101.9	104.8	104.7	102.4	102.4	102.9	102.8	101.0	101.2	102.1	102.2
2d quarter	104.6	104.9	101.8	102.0	102.7	102.8	106.4	106.2	102.7	102.6	103.5	103.3	102.6	102.8	103.2	103.1
3d quarter	105.7	106.0	102.3	102.7	103.3	103.2	108.5	108.0	103.5	103.1	105.1	104.7	102.3	102.7	104.0	103.9
4th quarter	106.5	106.7	102.6	103.0	103.8	103.6	110.7	110.3	104.5	104.0	106.7	106.5	102.6	102.7	105.1	105.1
Annual average	104.9	105.1	101.9	102.1	102.9	102.9	107.6	107.3	103.3	103.0	104.6	104.3	102.1	102.3	103.6	103.6
1969: 1st quarter	107.2	107.4	103.5	104.1	103.6	103.2	112.4	111.8	104.8	104.2	108.5	108.3	103.0	103.0	106.3	106.3
2d quarter	107.8	108.2	104.3	105.0	103.4	103.1	114.0	113.4	104.5	103.9	110.3	110.0	103.4	103.0	107.6	107.3
3d quarter	108.5	108.9	104.5	105.5	103.8	103.2	116.3	115.4	105.1	104.3	112.1	111.8	103.7	103.4	108.8	108.6
4th quarter	108.2	108.7	104.1	105.2	104.0	103.3	118.8	117.5	105.9	104.7	114.3	113.8	103.5	103.2	110.1	109.7
Annual average	107.9	108.3	104.1	104.9	103.7	103.2	115.4	114.5	105.1	104.3	111.3	111.0	103.3	103.2	108.2	108.0
1970: 1st quarter	107.4	107.9	103.9	105.2	103.3	102.6	120.8	119.4	106.0	104.8	116.9	116.4	102.9	102.2	111.5	111.0
2d quarter	107.6	108.0	103.1	104.3	104.3	103.6	122.4	121.2	105.7	104.7	117.3	117.0	105.1	104.6	112.6	112.3
3d quarter	108.0	108.5	102.5	103.6	105.4	104.7	124.7	123.5	106.5	105.5	118.3	117.9	107.0	106.7	113.9	113.7
4th quarter	106.8	107.0	101.3	102.6	105.4	104.3	126.7	125.3	106.9	105.7	120.2	120.1	108.1	108.4	115.5	115.7
Annual average	107.4	107.9	102.7	103.9	104.6	103.8	123.6	122.3	106.2	105.1	118.2	117.8	105.8	105.5	113.4	113.2
1971: 1st quarter	108.8	109.2	101.7	103.0	107.0	106.1	129.7	128.3	108.5	107.3	121.3	120.9	109.9	110.4	116.9	116.9
Percent change over previous quarter at annual rate ⁶																
1968: 1st quarter	6.1	6.2	1.1	1.5	4.9	4.6	11.2	10.6	6.7	6.2	6.0	5.7	-0.8	0.0	3.3	3.5
2d quarter	7.2	8.2	3.7	4.2	3.4	3.9	6.1	5.7	1.3	0.9	2.6	1.8	6.6	6.4	4.1	3.5
3d quarter	4.3	4.2	2.0	2.8	2.2	1.4	8.4	7.0	3.1	1.9	6.0	5.5	-1.0	-0.4	3.3	3.2
4th quarter	3.1	2.8	1.2	1.3	1.8	1.4	8.5	8.7	3.6	3.8	6.5	7.2	1.1	0.4	4.4	4.6
1969: 1st quarter	2.8	2.6	3.4	4.2	-0.5	-1.5	6.2	5.5	1.2	0.5	6.7	7.1	1.4	1.1	4.7	4.8
2d quarter	2.1	3.1	3.3	3.6	-1.1	-0.4	5.9	5.8	-0.9	-1.0	7.1	6.3	1.5	0.0	4.9	3.9
3d quarter	2.5	2.5	0.9	1.9	1.6	0.6	8.2	7.3	2.3	1.4	6.5	6.6	1.1	1.5	4.5	4.7
4th quarter	-1.0	-0.6	-1.8	-1.0	0.8	0.3	8.8	7.7	3.0	1.9	8.0	7.3	-0.8	-1.0	4.7	4.3
1970: 1st quarter	-3.0	-2.9	-0.5	-0.1	-2.5	-2.9	6.8	6.6	0.5	0.3	9.6	9.8	-2.0	-3.8	5.3	4.8
2d quarter	0.7	0.4	-3.0	-3.3	3.7	3.9	5.3	5.9	-1.1	-0.6	1.5	1.9	8.6	9.8	4.1	4.6
3d quarter	1.6	1.7	-2.6	-2.7	4.3	4.5	7.7	7.9	3.1	3.2	3.3	3.2	7.3	8.5	4.7	5.0
4th quarter	-4.4	-5.2	-4.4	-3.9	0.1	-1.4	6.7	6.1	1.3	0.7	6.7	7.7	4.3	6.5	5.8	7.2
1971: 1st quarter	7.3	8.4	1.5	1.5	6.1	6.8	9.9	9.8	6.4	6.4	3.6	2.8	7.0	7.4	4.8	4.4
Percent change over previous year ⁷																
Year ending —																
1970: 1st quarter	0.2	0.5	0.5	1.1	-0.3	-0.6	7.4	6.8	1.2	0.6	7.8	7.5	0.0	-0.8	4.8	4.4
2d quarter	-0.2	-0.2	-1.1	-0.6	0.9	0.5	7.3	6.9	1.2	0.8	6.3	6.4	1.7	1.5	4.6	4.6
3d quarter	-0.4	-0.4	-2.0	-1.8	1.6	1.4	7.2	7.0	1.4	1.2	5.5	5.5	3.2	3.2	4.7	4.7
4th quarter	-1.3	-1.5	-2.6	-2.5	1.4	1.0	6.7	6.6	0.9	0.9	5.2	5.6	4.5	5.1	5.0	5.4
1971: 1st quarter	1.3	1.2	-2.2	-2.1	3.5	3.4	7.4	7.4	2.4	2.4	3.8	3.9	6.8	8.0	4.8	5.3

¹ The private economy includes government enterprises which cover over half their current operating expenses by the sale of goods and services, e.g., Post Office, TVA, State liquor stores, etc. This comprises about 10 percent of total civilian government employment.

² Man-hours refer to hours paid for all persons—wage and salaried workers, self-employed, unpaid family workers and private household workers—and are based largely on establishment data.

³ Wages and salaries of employees plus employers' contributions for social insurance and unpaid benefit plans. Also includes an estimate of wages, salaries, and supplementary payments for the self-employed.

⁴ Compensation per man-hour adjusted for changes in the Consumer Price Index.

⁵ Nonlabor payments include profits, depreciation, interest, rental income, and indirect taxes.

⁶ Percent change computed from original data.

⁷ Current quarter divided by comparable quarter a year ago.

SOURCE: Output data from the Office of Business Economic, U.S. Department of Commerce. Man-hours and compensation of all persons from the Bureau of Labor Statistics, Office of Productivity and Technology. See BLS Handbook of Methods for Surveys and Studies—Chapter 22. Output Per Man-Hour Measures, Private Economy.

EMPLOYEE COMPENSATION DATA SEASONALLY ADJUSTED

C-11: Four-quarter changes in compensation, seasonally adjusted

Measure	Percent change over 4-quarter period ¹ ending in-								
	1971		1970				1969		
	June ^P	Mar.	Dec.	Sept.	June	Mar.	Dec.	Sept.	June
Average hourly compensation:									
All persons, total private economy	(*)	7.4	6.7	7.2	7.3	7.4	7.3	7.2	7.2
All employees, private nonfarm economy	(*)	7.6	6.7	7.0	6.8	6.8	6.6	6.8	6.7
Average hourly earnings, private nonfarm economy²:									
Mining	6.5	6.4	5.3	6.0	6.0	6.4	7.1	7.0	6.8
Contract construction	6.4	5.9	6.4	6.5	6.6	6.9	7.9	7.7	7.4
Manufacturing	9.5	8.9	8.7	9.5	9.0	10.2	9.7	8.9	8.5
Transportation and public utilities	6.4	6.5	4.4	5.5	5.6	5.6	6.0	6.5	5.9
Wholesale and retail trade	7.4	7.3	6.5	6.1	5.3	5.8	5.9	6.3	6.2
Finance, insurance, and real estate	6.5	5.9	5.5	6.2	6.1	6.6	6.6	6.3	6.0
Services	7.9	6.1	5.5	5.3	4.6	5.0	5.4	5.4	6.4
Average hourly earnings, private nonfarm economy, ² adjusted for overtime (in manufacturing only) and interindustry employment shifts	7.5	8.2	8.3	8.3	7.8	8.2	8.0	7.6	8.6
Average hourly earnings, all Federal executive branch employees³:									
employees	(*)	7.1	6.8	7.0	6.6	6.9	6.7	6.7	6.6
Average union scales, 7 building trades:									
Wages and selected benefits	(*)	5.2	5.4	5.7	5.8	6.5	7.3	8.0	8.1
Hourly wage rates	(*)	8.8	8.9	9.6	9.1	9.9	9.6	9.0	8.2
Wage rates, hired farm labor	(*)	7.1	6.3	6.5	6.5	6.1	6.0	6.3	5.8
Average weekly earnings, private nonfarm economy: ²	(*)	8.0	6.5	6.3	5.5	5.5	6.0	6.1	6.3
Current dollars	(*)	5.8	5.6	6.1	6.0	6.5	6.7	6.4	6.4
1967 dollars	(*)	6.3	6.2	6.3	5.7	5.6	5.9	5.4	5.9
Real spendable earnings (worker and 3 dependents, 1967 dollars)	(*)	7.6	9.0	8.4	7.5	8.4	7.3	7.2	7.9
Average hourly earnings, all Federal executive branch employees ³	(*)	13.9	10.5	10.4	14.8	9.8	9.6	10.4	7.5
Average union scales, 7 building trades:									
Wages and selected benefits	(*)	13.5	13.0	12.7	12.9	10.1	10.6	9.4	9.8
Hourly wage rates	(*)	12.3	11.9	11.7	11.8	9.1	9.4	8.5	8.7
Wage rates, hired farm labor	(*)	6.2	5.6	6.2	5.1	4.5	6.6	6.6	9.0
Average weekly earnings, private nonfarm economy:²									
Current dollars	6.1	5.3	3.6	4.3	4.4	5.7	6.6	6.4	6.7
1967 dollars	(*)	.4	-2.0	-1.4	-1.6	-.5	.7	.7	1.2
Real spendable earnings (worker and 3 dependents, 1967 dollars)	(*)	.6	-1.5	-.9	-1.3	-.4	-.5	-.7	-.2

¹ Current quarter divided by comparable quarter a year earlier.
² Production and nonsupervisory workers.
³ Computed from data that are not seasonally adjusted.

* Not available.
p= preliminary.

NOTE: See technical description at end of table C-15.

C-12: Quarter-to-quarter changes in compensation, seasonally adjusted

Measure	Percent change over previous quarter at annual rate								
	1971		1970				1969		
	June ^P	Mar.	Dec.	Sept.	June	Mar.	Dec.	Sept.	June
Average hourly compensation:									
All persons, total private economy	(*)	9.9	6.7	7.7	5.3	6.8	8.8	8.2	5.9
All employees, private nonfarm economy	(*)	9.9	6.5	8.0	5.9	6.4	7.5	7.3	5.8
Average hourly earnings, private nonfarm economy¹:									
Mining	6.1	8.4	4.6	6.8	6.1	3.9	7.1	6.8	7.9
Contract construction	6.2	5.5	7.1	6.8	4.3	7.4	7.6	7.3	5.4
Manufacturing	10.0	8.7	7.8	11.3	7.9	8.0	10.9	9.0	12.8
Transportation and public utilities	5.8	11.8	.8	7.4	6.2	3.3	5.1	7.8	6.1
Wholesale and retail trade	5.4	8.0	5.2	11.0	5.1	4.8	3.7	7.6	7.3
Finance, insurance, and real estate	5.8	6.9	4.5	8.7	3.6	5.2	7.4	8.2	5.5
Services	7.7	8.3	7.5	8.2	.4	5.9	7.0	5.2	1.9
Average hourly earnings, private nonfarm economy, ¹ adjusted for overtime (in manufacturing only) and interindustry employment shifts	3.6	9.4	9.7	7.3	6.4	9.7	9.9	5.2	8.1
Average hourly earnings, all Federal executive branch employees²:									
employees	(*)	7.9	6.4	8.0	6.1	6.8	7.0	6.5	7.1
Average union scales, 7 building trades:									
Wages and selected benefits	(*)	5.4	5.8	5.3	4.2	6.5	6.8	5.7	6.9
Hourly wage rates	(*)	7.9	7.6	11.3	8.5	8.2	10.4	9.4	11.7
Wage rates, hired farm labor	(*)	8.9	5.2	7.3	7.1	5.6	6.1	7.1	5.5
Average weekly earnings, private nonfarm economy: ¹	(*)	9.5	5.8	9.5	7.3	3.4	5.1	6.2	7.3
Current dollars	(*)	6.6	4.8	6.9	4.9	5.7	7.1	6.5	6.7
1967 dollars	(*)	6.9	6.8	6.9	4.7	6.5	7.1	4.5	4.4
Real spendable earnings (worker and 3 dependents, 1967 dollars)	(*)	8.1	10.0	8.1	4.2	13.8	7.7	4.5	7.8
Average hourly earnings, all Federal executive branch employees ²	(*)	3.5	3.8	2.6	5.3	1.7	3.7	4.7	2.5
Average union scales, 7 building trades:									
Wages and selected benefits	(*)	9.3	10.2	7.8	22.5	7.6	9.6	8.0	11.3
Hourly wage rates	(*)	9.0	12.5	8.5	24.9	7.1	11.2	9.3	13.0
Wage rates, hired farm labor	(*)	2.4	(3)	15.4	7.6	(3)	2.5	10.6	5.3
Average weekly earnings, private nonfarm economy:¹									
Current dollars	6.2	10.0	2.5	5.8	3.1	2.9	5.4	6.1	8.3
1967 dollars	(*)	5.9	-3.1	1.8	-2.8	-3.8	-.6	.9	1.6
Real spendable earnings (worker and 3 dependents, 1967 dollars)	(*)	7.7	-3.3	1.1	-2.8	-1.0	-1.1	-.1	.5

¹ Production and nonsupervisory workers.
² Computed from data that are not seasonally adjusted. Actual percent change rather than annual rate of change is shown where change is affected by a general salary adjustment.
³ Less than 0.05 percent.

* Not available.
p= preliminary.

NOTE: See technical description at end of table C-15.

EMPLOYEE COMPENSATION DATA SEASONALLY ADJUSTED

C-13: Twelve-month changes in compensation, seasonally adjusted

Measure	Percent change at annual rate over 12-month period ¹ ending in--												
	1971						1970						
	June ^p	May ^p	Apr.	Mar.	Feb.	Jan.	Dec.	Nov.	Oct.	Sept.	Aug.	July	June
Average hourly earnings, private nonfarm economy ²	6.5	6.6	6.3	6.3	6.3	6.7	5.7	5.1	5.1	5.8	6.2	5.9	5.6
Mining	6.5	6.3	6.3	5.8	6.1	5.9	6.5	6.5	6.3	6.6	6.6	6.4	7.3
Contract construction	9.4	10.4	8.6	8.9	9.3	8.5	8.0	9.1	9.1	8.8	10.4	9.4	9.0
Manufacturing	6.3	6.3	6.6	6.3	6.7	6.4	5.5	4.0	3.7	5.6	5.3	5.6	5.7
Transportation and public utilities	6.5	7.7	8.0	7.4	7.5	7.0	6.7	6.2	6.5	6.0	6.3	6.0	6.1
Wholesale and retail trade	6.3	6.7	6.4	6.0	5.6	6.1	5.3	5.3	5.7	6.2	6.2	6.3	5.9
Finance, insurance, and real estate	7.9	8.6	7.3	6.2	6.3	5.7	5.7	5.0	5.7	5.4	5.4	5.2	3.8
Services	7.4	7.5	7.5	7.5	8.3	8.8	8.5	8.1	8.2	8.6	8.7	7.6	7.6
Average hourly earnings, private nonfarm economy, ² adjusted for overtime (in manufacturing only) and interindustry employment shifts	(*)	7.1	7.1 ^p	6.9	7.2	7.2	7.2	6.6	6.6	7.1	7.1	6.8	6.6
Mining	(*)	5.7	5.6 ^p	4.9	5.3	5.3	5.7	5.4	5.3	5.7	6.0	5.3	5.9
Contract construction	(*)	9.8	8.6 ^p	8.8	9.3	8.4	8.1	9.3	9.3	9.0	10.3	9.5	9.9
Manufacturing	(*)	6.7	7.1 ^p	7.0	7.2	7.1	7.0	6.0	5.9	6.8	6.5	6.3	6.7
Transportation and public utilities	(*)	7.9	8.0 ^p	8.7	7.8	7.6	6.5	6.3	6.6	6.3	6.3	6.2	6.0
Wholesale and retail trade	(*)	6.2	6.1 ^p	5.8	5.9	5.8	5.4	5.4	5.9	6.1	6.3	6.0	5.6
Finance, insurance, and real estate	(*)	7.9	7.1 ^p	6.5	6.5	6.0	6.1	6.0	6.6	6.4	6.4	6.2	4.9
Services	(*)	7.1	7.3 ^p	6.3	7.7	8.8	10.8	8.2	7.9	8.6	8.9	7.7	7.1
Average hourly earnings, all Federal executive branch employees ³	(*)	(*)	9.5	13.8	14.2	13.7	11.4	10.0	9.9	9.9	9.9	11.4	15.2
Average weekly earnings, private nonfarm economy: ²													
Current dollars	6.3	6.3	5.7	5.2	5.2	5.6	4.1	3.1	3.5	3.3	4.8	4.8	4.2
1967 dollars	(*)	1.8	1.3	.5	.3	.3	-1.3	-2.3	-2.2	-2.3	-.8	-1.1	-1.7
Real spendable earnings (worker and 3 dependents, 1967 dollars)	(*)	1.9	1.5	.7	.6	.5	-.9	-1.8	-1.8	-1.8	-.4	-.7	-1.3

¹ Current month divided by same month a year earlier.
² Production and nonsupervisory workers.
³ Computed from data that are not seasonally adjusted.

* Not available.
p= preliminary.

NOTE: See technical description at end of table C-15.

C-14: Six-month changes in compensation, seasonally adjusted

Measure	Percent change at annual rate over 6-month period ¹ ending in--												
	1971						1970						
	June ^p	May ^p	Apr.	Mar.	Feb.	Jan.	Dec.	Nov.	Oct.	Sept.	Aug.	July	June
Average hourly earnings, private nonfarm economy ²	6.1	8.1	7.5	6.8	5.6	6.9	7.0	5.1	5.1	5.7	7.1	6.5	4.5
Mining	7.2	4.6	5.7	6.3	6.3	6.3	5.8	8.1	7.0	5.3	5.9	5.4	7.2
Contract construction	10.6	9.5	8.0	8.9	6.9	9.0	8.3	11.2	9.2	8.8	11.8	8.1	7.7
Manufacturing	6.5	9.7	10.3	5.9	6.0	6.6	6.0	3.0	3.0	6.8	7.5	6.2	4.9
Transportation and public utilities	6.1	7.2	6.7	7.3	5.7	6.8	6.9	8.1	9.2	7.6	9.3	7.1	6.6
Wholesale and retail trade	5.8	7.4	5.9	5.9	5.2	6.0	6.8	6.1	6.9	6.1	6.1	6.2	3.8
Finance, insurance, and real estate	7.1	9.8	7.2	9.2	7.2	7.3	8.8	7.4	7.4	3.3	5.4	4.0	2.7
Services	6.2	5.5	7.7	8.5	9.3	10.9	8.7	9.5	7.3	6.5	7.4	6.7	8.3
Average hourly earnings, private nonfarm economy, ² adjusted for overtime (in manufacturing only) and interindustry employment shifts	(*)	7.2	7.2 ^p	6.8	7.2	7.5	7.5	7.0	7.0	7.0	7.3	6.8	7.0
Mining	(*)	5.9	5.6 ^p	5.3	5.4	6.1	5.6	5.5	5.6	4.6	5.1	4.5	5.8
Contract construction	(*)	8.3	7.7 ^p	8.3	7.4	7.6	7.5	11.3	9.5	9.3	11.2	9.1	8.6
Manufacturing	(*)	7.8	8.2 ^p	6.5	7.2	7.3	7.3	5.5	6.0	7.5	7.3	6.9	6.6
Transportation and public utilities	(*)	8.4	7.2 ^p	7.4	7.5	7.9	6.6	7.4	8.9	9.9	8.2	7.2	6.4
Wholesale and retail trade	(*)	6.6	6.3 ^p	5.7	5.5	6.1	6.0	5.7	5.9	5.8	6.3	5.5	4.8
Finance, insurance, and real estate	(*)	8.6	7.4 ^p	7.4	6.9	6.4	6.6	7.2	6.9	5.7	6.1	5.5	5.6
Services	(*)	5.3	6.4 ^p	7.5	8.6	11.1	9.9	9.1	8.3	5.2	6.9	6.5	11.8
Average hourly earnings, all Federal executive branch employees ³	(*)	(*)	5.5	5.5	7.7	9.3	6.5	6.4	3.8	7.9	6.0	4.0	4.6
Average weekly earnings, private nonfarm economy: ²													
Current dollars	7.1	9.1	8.1	8.5	4.6	5.6	5.5	3.5	3.4	2.0	5.8	5.5	2.7
1967 dollars	(*)	4.6	4.2	3.7	-.3	.6	.4	-.9	-1.4	-2.6	1.0	.1	-3.0
Real spendable earnings (worker and 3 dependents, 1967 dollars)	(*)	5.0	4.7	3.9	.8	1.4	-.4	-1.2	-1.7	-2.4	.4	-.4	-1.4

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

* Not available.
p= preliminary.

NOTE: See technical description at end of table C-15.

**EMPLOYEE COMPENSATION DATA
SEASONALLY ADJUSTED**

C-15: Average hourly or weekly compensation, seasonally adjusted

Measure	1971						1970						
	2d quarter			1st quarter			4th quarter			3d quarter			
	June ^P	May ^P	Apr.	Mar.	Feb.	Jan.	Dec.	Nov.	Oct.	Sept.	Aug.	July	June
Levels													
Average hourly earnings, private nonfarm economy ¹	\$ 3.42	\$ 3.41	\$ 3.39	\$ 3.38	\$ 3.35	\$ 3.34	\$ 3.32	\$ 3.28	\$ 3.27	\$ 3.27	\$ 3.26	\$ 3.23	\$ 3.21
Mining	4.08	4.04	4.02	4.01	3.99	3.96	3.94	3.95	3.91	3.89	3.87	3.84	3.83
Contract construction	5.68	5.65	5.58	5.53	5.51	5.47	5.40	5.40	5.37	5.30	5.33	5.24	5.19
Manufacturing	3.57	3.55	3.54	3.52	3.50	3.49	3.46	3.39	3.37	3.42	3.40	3.38	3.36
Transportation and public utilities	4.09	4.08	4.06	4.05	4.02	4.00	3.97	3.94	3.93	3.91	3.91	3.87	3.84
Wholesale and retail trade	2.86	2.86	2.84	2.83	2.81	2.80	2.78	2.76	2.76	2.75	2.74	2.72	2.69
Finance, insurance, and real estate	3.27	3.29	3.24	3.24	3.21	3.17	3.16	3.14	3.13	3.10	3.10	3.06	3.03
Services	3.03	3.02	3.01	3.01	2.99	2.98	2.94	2.94	2.90	2.89	2.86	2.83	2.82
Wage rates, hired farm labor (quarterly data)	-	-	1.72	-	-	1.71	-	-	1.71	-	-	1.65	-
Average weekly earnings, private nonfarm economy: ¹													
Current dollars	126.81	126.21	125.43	125.15	123.97	123.69	122.55	120.83	120.64	120.17	121.23	120.37	119.33
1967 dollars	(*)	104.37	104.35	104.35	103.62	103.56	102.80	102.07	102.25	102.47	103.80	103.24	102.60
Real spendable earnings (worker and 3 dependents, 1967 dollars)	(*)	91.54	91.58	91.49	91.06	91.01	89.72	89.35	89.49	89.74	90.71	90.36	89.90
Indexes, 1967=100													
Average hourly compensation (quarterly data):													
All persons, total private economy	-	(*)	-	-	129.7	-	-	126.7	-	-	124.7	-	-
All employees, private nonfarm economy	-	(*)	-	-	128.4	-	-	125.4	-	-	123.4	-	-
Average hourly earnings, private nonfarm economy, ¹ adjusted for overtime (in manufacturing only) and interindustry employment shifts	(*)	128.8	P 128.1	127.4	127.0	126.1	125.2	124.4	123.7	123.3	122.7	121.6	120.8
Mining	(*)	126.2	P 125.3	124.6	124.2	123.7	123.1	122.6	121.9	121.4	121.0	120.1	119.8
Contract construction	(*)	136.4	P 135.1	134.0	133.8	132.0	131.1	131.0	130.2	128.8	129.1	127.3	126.4
Manufacturing	(*)	126.8	P 126.3	125.6	125.1	124.5	123.8	122.1	121.4	121.7	120.9	120.1	119.5
Transportation and public utilities	(*)	126.9	P 125.8	125.2	124.8	124.1	122.4	121.9	121.5	120.8	120.4	119.5	118.5
Wholesale and retail trade	(*)	127.4	P 126.8	126.0	125.5	124.7	123.8	123.4	123.0	122.5	122.2	121.1	120.2
Finance, insurance, and real estate	(*)	126.9	P 125.5	124.6	124.0	122.6	122.1	121.8	121.1	120.2	119.9	118.8	118.2
Services	(*)	131.3	P 130.8	130.9	130.1	130.0	128.6	128.0	126.8	126.3	124.8	123.4	122.7
Average hourly earnings, all Federal executive branch employees ²	(*)	(*)	139.7	139.1	139.5	139.2	137.3	133.8	132.4	131.9	129.5	127.3	128.9
Average union scales, 7 building trades (quarterly data):													
Wages and selected benefits	-	-	140.8	-	-	137.8	-	-	133.8	-	-	131.1	-
Hourly wage rates	-	-	135.9	-	-	132.9	-	-	129.7	-	-	127.3	-

¹ Production and nonsupervisory workers.

² Not seasonally adjusted.

* Not available.

^P preliminary.

Technical description covering tables C-11 through C-15

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

ESTABLISHMENT DATA
STATE AND AREA HOURS AND EARNINGS

**C-16: 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 1971 ^p	Apr. 1971	May 1970	May 1971 ^p	Apr. 1971	May 1970	May ^p 1971	Apr. 1971	May 1970
ALABAMA	\$122.59	\$121.20	\$113.52	41.0	40.4	40.4	\$2.99	\$3.00	\$2.81
Birmingham	145.49	144.58	135.60	41.1	40.5	40.6	3.54	3.57	3.34
Mobile	158.90	150.02	143.99	45.4	42.5	43.9	3.50	3.53	3.28
ALASKA	(*)	221.34	193.50	(*)	38.9	38.7	(*)	5.69	5.00
ARIZONA	146.16	143.82	130.15	40.6	40.4	39.8	3.60	3.56	3.27
Phoenix	145.84	145.08	130.41	40.4	40.3	39.4	3.61	3.60	3.31
Tucson	135.09	134.85	135.22	39.5	39.2	41.1	3.42	3.44	3.29
ARKANSAS	104.26	104.12	98.40	40.1	40.2	40.0	2.60	2.59	2.46
Fort Smith	100.19	99.65	93.14	39.6	39.7	39.3	2.53	2.51	2.37
Little Rock-North Little Rock	107.64	111.10	102.97	39.0	40.4	39.3	2.76	2.75	2.62
Pine Bluff	124.66	127.28	125.42	39.2	39.9	40.2	3.18	3.19	3.12
CALIFORNIA	158.40	156.41	148.52	39.6	39.3	39.5	4.00	3.98	3.76
Anaheim-Santa Ana-Garden Grove	157.53	153.23	151.44	40.6	39.8	40.6	3.88	3.85	3.73
Bakersfield	160.39	152.49	149.71	39.7	38.9	39.5	4.04	3.92	3.79
Fresno	136.76	134.55	123.75	39.3	39.0	37.5	3.48	3.45	3.30
Los Angeles-Long Beach	152.83	150.89	142.99	39.8	39.5	39.5	3.84	3.82	3.62
Modesto	141.26	137.14	128.63	38.7	38.2	37.5	3.65	3.59	3.43
Oxnard-Ventura	140.12	139.94	132.01	38.6	39.2	38.6	3.63	3.57	3.42
Sacramento	159.52	158.76	155.93	37.8	37.8	38.5	4.22	4.20	4.05
Salinas-Monterey	136.15	134.59	128.10	38.9	38.9	37.9	3.50	3.46	3.38
San Bernardino-Riverside-Ontario	155.19	155.17	146.89	40.1	40.2	39.7	3.87	3.86	3.70
San Diego	166.96	165.03	163.99	39.1	39.2	39.9	4.27	4.21	4.11
San Francisco-Oakland	175.70	174.86	162.51	38.7	38.6	38.6	4.54	4.53	4.21
San Jose	167.84	161.28	157.21	39.4	38.4	39.6	4.26	4.20	3.97
Santa Barbara	140.18	139.76	134.98	38.3	38.5	38.9	3.66	3.63	3.47
Santa Rosa	154.05	150.93	141.99	39.5	38.7	38.9	3.90	3.90	3.65
Stockton	161.17	161.99	145.92	39.6	39.9	38.4	4.07	4.06	3.80
Vallejo-Napa	149.11	150.38	142.07	37.0	37.5	36.9	4.03	4.01	3.85
COLORADO	150.05	149.95	143.67	39.8	40.2	40.7	3.77	3.73	3.53
Denver	154.40	153.63	148.01	40.0	39.8	41.0	3.86	3.86	3.61
CONNECTICUT	145.04	143.51	139.13	40.4	40.2	40.8	3.59	3.57	3.41
Bridgeport	147.86	145.96	142.04	40.4	40.1	40.7	3.66	3.64	3.49
Hartford	150.35	150.00	147.91	40.2	40.0	41.2	3.74	3.75	3.59
New Britain	144.87	142.42	140.13	39.8	39.9	40.5	3.64	3.57	3.46
New Haven	145.56	145.89	141.51	40.1	40.3	40.9	3.63	3.62	3.46
Stamford	147.77	149.97	152.22	39.3	40.1	42.4	3.76	3.74	3.59
Waterbury	138.10	138.69	132.16	41.1	41.4	41.3	3.36	3.35	3.20
DELAWARE	152.31	149.72	131.26	40.4	39.4	39.3	3.77	3.80	3.34
Wilmington	167.69	162.66	143.95	40.8	39.1	38.8	4.11	4.16	3.71
DISTRICT OF COLUMBIA :									
Washington SMSA	159.44	156.36	148.20	38.7	38.8	39.0	4.12	4.03	3.80
FLORIDA	124.94	122.72	118.98	41.1	40.5	41.6	3.04	3.03	2.86
Fort Lauderdale-Hollywood	129.02	129.89	124.66	39.7	39.6	39.7	3.25	3.28	3.14
Jacksonville	135.01	131.65	127.18	41.8	41.4	41.7	3.23	3.18	3.05
Miami	115.74	114.76	112.96	39.5	39.3	40.2	2.93	2.92	2.81
Orlando	123.22	117.22	121.09	42.2	39.6	41.9	2.92	2.96	2.89
Pensacola	141.64	145.25	138.44	40.7	41.5	41.7	3.48	3.50	3.32
Tampa-St. Petersburg	132.38	129.05	124.84	41.5	41.1	41.2	3.19	3.14	3.03
West Palm Beach	142.65	134.48	142.11	44.3	41.0	46.9	3.22	3.28	3.03
GEORGIA	115.43	113.48	105.20	40.5	40.1	39.4	2.85	2.83	2.67
Atlanta	148.34	143.60	130.59	40.2	40.0	39.1	3.69	3.59	3.34
Savannah	149.25	145.01	126.32	42.4	42.4	40.1	3.52	3.42	3.15
HAWAII	128.69	129.70	126.64	38.3	38.6	39.7	3.36	3.36	3.19
Honolulu	133.27	129.59	125.37	39.9	38.8	39.3	3.34	3.34	3.19
IDAHO	132.78	124.08	123.01	38.6	37.6	39.3	3.44	3.30	3.13
ILLINOIS	157.19	154.81	143.38	40.0	39.7	39.6	3.93	3.90	3.62
Chicago	(*)	155.14	144.58	(*)	39.5	39.6	(*)	3.93	3.66
Davenport-Rock Island-Moline	178.20	176.68	152.33	40.2	40.1	37.6	4.43	4.41	4.05

See footnotes at end of table.

ESTABLISHMENT DATA
STATE AND AREA HOURS AND EARNINGS

**C-16: 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 1971 P	Apr. 1971	May 1970	May 1971 P	Apr. 1971	May 1970	May 1971 P	Apr. 1971	May 1970
ILLINOIS (continued)									
Peoria	\$184.07	\$186.89	\$165.46	40.6	41.3	40.7	\$4.53	\$4.52	\$4.06
Rockford	153.50	151.69	139.79	40.3	40.1	39.2	3.81	3.78	3.57
INDIANA									
Indianapolis	162.00	158.80	148.80	40.5	39.7	40.0	4.00	4.00	3.72
	(*)	161.60	147.60	(*)	40.0	40.0	(*)	4.04	3.69
IOWA									
Cedar Rapids	165.65	159.60	148.71	40.7	40.0	40.3	4.07	3.99	3.69
Des Moines	166.76	160.27	149.35	39.8	38.9	39.2	4.19	4.12	3.81
Dubuque	174.26	170.00	156.04	37.8	37.2	37.6	4.61	4.57	4.15
Sioux City	147.55	147.14	141.45	41.1	41.1	40.3	3.59	3.58	3.51
Waterloo	178.45	177.20	154.75	40.1	40.0	38.4	4.45	4.43	4.03
KANSAS									
Topeka	163.94	157.96	134.76	43.2	41.6	43.5	3.80	3.79	3.10
Wichita	156.72	156.04	144.30	42.6	42.6	43.2	3.68	3.67	3.34
KENTUCKY									
Louisville	158.79	155.63	144.18	40.2	39.4	39.5	3.95	3.95	3.65
LOUISIANA									
Baton Rouge	173.06	171.79	156.91	41.7	41.0	41.4	4.15	4.19	3.79
New Orleans	143.97	145.02	136.53	40.9	41.2	41.0	3.52	3.52	3.33
Shreveport	132.75	132.25	124.01	41.1	41.2	41.2	3.23	3.21	3.01
MAINE									
Lewiston-Auburn	93.73	92.46	89.65	36.9	36.4	37.2	2.54	2.54	2.41
Portland	123.86	123.20	111.84	39.7	40.0	39.8	3.12	3.08	2.81
MARYLAND									
Baltimore	151.13	148.83	138.20	40.3	39.9	39.6	3.75	3.73	3.49
MASSACHUSETTS									
Boston	145.86	143.96	137.11	39.0	38.7	39.4	3.74	3.72	3.48
Brockton	116.89	113.16	110.41	38.2	37.1	37.3	3.06	3.05	2.96
Fall River	100.80	100.60	93.00	36.0	35.8	34.7	2.80	2.81	2.68
Lawrence-Haverhill	127.26	123.86	119.29	40.4	39.7	40.3	3.15	3.12	2.96
Lowell	122.45	114.76	111.74	39.5	38.0	38.4	3.10	3.02	2.91
New Bedford	108.54	107.34	98.85	37.3	37.4	37.3	2.91	2.87	2.65
Springfield-Chicopee-Holyoke	133.17	129.16	127.83	39.4	38.1	39.7	3.38	3.39	3.22
Worcester	134.08	132.68	128.82	38.2	37.8	38.8	3.51	3.51	3.32
MICHIGAN									
Ann Arbor	207.69	197.50	167.15	42.7	41.0	39.6	4.86	4.82	4.22
Battle Creek	171.96	172.24	166.70	40.3	40.7	41.1	4.27	4.23	4.06
Bay City	175.10	175.97	155.05	41.7	42.3	39.9	4.20	4.16	3.89
Detroit	195.22	184.78	181.08	40.9	38.9	41.4	4.77	4.75	4.37
Flint	232.31	218.29	196.06	43.7	40.2	42.1	5.32	5.43	4.66
Grand Rapids	160.02	157.48	149.37	40.5	40.0	40.6	3.95	3.94	3.68
Jackson	162.89	160.62	155.48	37.9	38.5	38.9	4.30	4.17	4.00
Kalamazoo	176.60	166.22	172.37	41.7	39.5	43.2	4.24	4.21	3.99
Lansing	219.06	182.03	173.62	43.9	36.9	40.2	4.99	4.93	4.32
Muskegon-Muskegon Heights	148.34	155.51	150.46	38.5	40.1	39.9	3.85	3.88	3.77
Saginaw	232.22	216.73	188.08	43.7	40.7	42.0	5.31	5.33	4.48
MINNESOTA									
Duluth-Superior	142.18	143.94	128.85	39.3	39.8	39.0	3.62	3.62	3.30
Minneapolis-St. Paul	155.72	153.45	147.17	39.5	39.0	39.9	3.94	3.93	3.69
MISSISSIPPI									
Jackson	105.25	103.89	100.36	41.6	40.9	41.3	2.53	2.54	2.43
MISSOURI									
Kansas City	141.15	139.30	130.40	40.1	39.8	40.0	3.52	3.50	3.26
St. Joseph	149.82	148.86	146.36	43.3	42.9	42.3	3.46	3.47	3.46
St. Louis	164.43	162.40	150.84	40.5	40.1	39.8	4.06	4.05	3.79
Springfield	113.32	116.40	102.73	37.9	38.8	36.3	2.99	3.00	2.83
MONTANA									
	155.23	152.49	147.94	39.7	39.1	40.2	3.91	3.90	3.68
NEBRASKA									
Lincoln	(*)	137.67	136.28	(*)	41.1	42.5	(*)	3.35	3.21
Omaha	(*)	120.33	122.71	(*)	38.0	41.0	(*)	3.17	2.99
	(*)	142.08	138.75	(*)	40.7	41.7	(*)	3.49	3.32

See footnotes at end of table.

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

**C-16: 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 1971 P	Apr. 1971	May 1970	May 1971 P	Apr. 1971	May 1970	May 1971 P	Apr. 1971	May 1970
NEVADA	\$173.36	\$167.11	\$154.39	39.4	39.6	38.5	\$4.40	\$4.22	\$4.01
Las Vegas	(*)	(*)	176.48	(*)	(*)	40.2	(*)	(*)	4.39
NEW HAMPSHIRE	115.05	114.07	108.03	39.0	38.8	39.0	2.95	2.94	2.77
Manchester	103.78	102.20	99.56	37.6	37.3	38.0	2.76	2.74	2.62
NEW JERSEY ¹	147.86	145.96	137.76	40.4	40.1	40.4	3.66	3.64	3.41
Atlantic City	115.08	110.52	104.33	41.1	39.9	37.8	2.80	2.77	2.76
Camden ²	147.08	147.85	134.98	41.2	41.3	39.7	3.57	3.58	3.40
Jersey City ³	146.97	147.42	140.75	40.6	40.5	40.1	3.62	3.64	3.51
Newark ³	146.12	144.20	138.29	39.6	39.4	40.2	3.69	3.66	3.44
Paterson-Clifton-Passaic ³	145.67	142.23	134.80	39.8	39.4	39.3	3.66	3.61	3.43
Perth Amboy ³	151.27	150.07	140.89	39.6	39.7	39.8	3.82	3.78	3.54
Trenton	145.30	140.89	134.46	39.7	38.6	39.2	3.66	3.65	3.43
NEW MEXICO	107.84	102.41	107.17	39.5	38.5	39.4	2.73	2.66	2.72
Albuquerque	123.12	119.80	116.72	40.5	40.2	41.1	3.04	2.98	2.84
NEW YORK	(*)	142.80	133.43	(*)	38.7	38.9	(*)	3.69	3.43
Albany-Schenectady-Troy	159.56	153.25	147.38	40.6	39.6	40.6	3.93	3.87	3.63
Binghamton	143.67	141.10	134.97	40.7	40.2	40.9	3.53	3.51	3.30
Buffalo	175.48	171.70	157.95	41.0	40.4	40.5	4.28	4.25	3.90
Elmira	135.72	134.35	127.91	39.0	39.4	39.6	3.48	3.41	3.23
Monroe County ⁴	175.71	174.03	161.93	40.3	40.1	41.1	4.36	4.34	3.94
Nassau and Suffolk Counties ⁵	146.49	142.69	135.14	39.7	39.2	39.4	3.69	3.64	3.43
New York-Northeastern New Jersey	(*)	139.78	130.85	(*)	38.4	38.6	(*)	3.64	3.39
New York SMSA ³	(*)	135.74	126.67	(*)	37.6	37.7	(*)	3.61	3.36
New York City ⁵	(*)	133.92	124.58	(*)	37.2	37.3	(*)	3.60	3.34
Rochester	170.47	168.82	157.85	40.3	40.1	41.0	4.23	4.21	3.85
Rockland County ⁵	145.36	142.74	136.12	39.5	39.0	41.0	3.68	3.66	3.32
Syracuse	152.76	152.69	140.70	40.2	40.5	40.2	3.80	3.77	3.50
Utica-Rome	134.46	134.46	123.63	39.9	39.9	39.0	3.37	3.37	3.17
Westchester County ⁵	144.30	143.17	134.75	39.0	38.8	39.4	3.70	3.69	3.42
NORTH CAROLINA	103.08	100.10	95.40	39.8	38.8	39.1	2.59	2.58	2.44
Asheville	101.00	98.11	91.15	40.4	39.4	38.3	2.50	2.49	2.38
Charlotte	111.50	110.15	103.97	40.4	40.2	40.3	2.76	2.74	2.58
Greensboro-Winston-Salem-High Point	114.95	110.30	104.61	39.5	38.3	38.6	2.91	2.88	2.71
Raleigh	106.52	106.79	99.04	39.6	39.7	39.3	2.69	2.69	2.52
NORTH DAKOTA	128.36	121.57	117.46	41.5	38.7	39.7	3.09	3.14	2.96
Fargo-Moorhead	147.14	139.42	129.86	39.9	38.0	39.8	3.69	3.66	3.26
OHIO	168.10	166.46	154.28	41.1	40.9	40.6	4.09	4.07	3.80
Akron	174.50	177.39	155.23	40.3	40.5	39.1	4.33	4.38	3.97
Canton	156.78	161.60	150.40	39.0	40.1	40.0	4.02	4.03	3.76
Cincinnati	158.24	158.21	147.70	41.1	41.2	40.8	3.85	3.84	3.62
Cleveland	171.39	168.50	154.77	41.2	40.7	40.2	4.16	4.14	3.85
Columbus	150.92	150.90	146.69	39.2	39.4	40.3	3.85	3.83	3.64
Dayton	181.44	178.89	174.72	40.5	40.2	41.5	4.48	4.45	4.21
Toledo	179.70	176.28	168.04	41.5	40.9	41.8	4.33	4.31	4.02
Youngstown-Warren	189.64	187.43	156.81	43.1	42.5	39.3	4.40	4.41	3.99
OKLAHOMA	130.82	128.72	124.54	40.5	40.1	40.7	3.23	3.21	3.06
Oklahoma City	129.44	126.01	123.62	40.2	39.5	40.8	3.22	3.19	3.03
Tulsa	143.72	139.78	139.86	41.3	40.4	41.5	3.48	3.46	3.37
OREGON	161.57	156.35	146.62	39.6	38.7	39.1	4.08	4.04	3.75
Eugene	168.10	166.05	154.00	40.9	40.6	40.0	4.11	4.09	3.85
Portland	156.00	151.27	145.15	39.0	38.2	38.4	4.00	3.96	3.78
PENNSYLVANIA	140.26	138.81	130.54	39.4	39.1	39.2	3.56	3.55	3.33
Allentown-Bethlehem-Easton	133.70	134.11	127.10	38.2	38.1	38.4	3.50	3.52	3.31
Altoona	116.35	114.38	108.11	38.4	38.0	38.2	3.03	3.01	2.83
Delaware Valley ²	151.60	149.31	139.44	40.0	39.5	39.5	3.79	3.78	3.53
Erie	151.11	149.60	143.30	41.4	41.1	41.9	3.65	3.64	3.42
Harrisburg	124.55	124.29	124.12	38.8	38.6	40.3	3.21	3.22	3.08
Johnstown	138.73	148.60	125.24	37.8	38.8	36.3	3.67	3.83	3.45
Lancaster	127.33	126.55	120.99	39.3	39.3	39.8	3.24	3.22	3.04
Philadelphia	151.15	149.27	138.65	40.2	39.7	39.5	3.76	3.76	3.51
Pittsburgh	161.20	161.20	150.78	40.3	40.4	40.1	4.00	3.99	3.76
Reading	126.28	127.32	121.44	38.5	38.7	39.3	3.28	3.29	3.09
Scranton	108.00	105.73	103.32	36.0	35.6	36.9	3.00	2.97	2.80
Wilkes-Barre-Hazleton	104.33	102.60	97.19	36.1	35.5	35.6	2.89	2.89	2.73
York	130.38	129.74	123.55	41.0	40.8	41.6	3.18	3.18	2.97

See footnotes at end of table.

ESTABLISHMENT DATA
STATE AND AREA HOURS AND EARNINGS

**C-16: 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 1971 ^p	Apr. 1971	May 1970	May 1971 ^p	Apr. 1971	May 1970	May 1971 ^p	Apr. 1971	May 1970
RHODE ISLAND	\$116.42	\$115.34	\$111.50	39.2	39.1	39.4	\$2.97	\$2.95	\$2.83
Providence-Pawtucket-Warwick.....	117.99	117.11	110.93	39.2	39.3	39.2	3.01	2.98	2.83
SOUTH CAROLINA	107.30	107.83	99.85	40.8	41.0	40.1	2.63	2.63	2.49
Charleston.....	123.40	126.14	119.39	39.3	40.3	40.2	3.14	3.13	2.97
Greenville.....	107.68	105.82	97.11	41.1	40.7	39.8	2.62	2.60	2.44
SOUTH DAKOTA	138.41	144.00	132.76	43.8	45.0	44.7	3.16	3.20	2.97
Sioux Falls.....	166.85	180.64	162.35	47.4	50.6	48.9	3.52	3.57	3.32
TENNESSEE	116.52	114.97	108.00	40.6	40.2	40.0	2.87	2.86	2.70
Chattanooga.....	129.97	124.89	114.44	41.0	39.9	39.6	3.17	3.13	2.89
Knoxville.....	129.44	129.28	117.12	40.2	39.9	39.7	3.22	3.24	2.95
Memphis.....	131.70	130.33	120.39	40.4	40.6	40.4	3.26	3.21	2.98
Nashville.....	124.09	123.20	116.11	39.9	40.0	39.9	3.11	3.08	2.91
TEXAS	135.46	134.46	127.98	40.8	40.5	40.5	3.32	3.32	3.16
Amarillo.....	122.76	118.99	114.44	39.6	39.4	39.6	3.10	3.02	2.89
Austin.....	115.23	115.09	116.04	41.3	41.7	43.3	2.79	2.76	2.68
Beaumont-Port Arthur-Orange.....	175.60	176.44	167.68	40.0	40.1	40.6	4.39	4.40	4.13
Corpus Christi.....	155.83	159.94	150.12	40.9	42.2	41.7	3.81	3.79	3.60
Dallas.....	126.89	124.00	121.81	40.8	40.0	40.2	3.11	3.10	3.03
El Paso.....	86.91	91.14	83.16	38.8	39.8	38.5	2.24	2.29	2.16
Fort Worth.....	141.80	140.35	133.65	41.1	40.8	40.5	3.45	3.44	3.30
Galveston-Texas City.....	200.64	198.76	193.54	41.2	42.2	43.2	4.87	4.71	4.48
Houston.....	162.18	162.15	153.61	41.8	41.9	42.2	3.88	3.87	3.64
Lubbock.....	115.35	113.84	99.59	42.1	41.7	38.6	2.74	2.73	2.58
San Antonio.....	108.99	108.26	106.17	41.6	40.7	41.8	2.62	2.66	2.54
Waco.....	113.68	109.24	111.60	39.2	37.8	40.0	2.90	2.89	2.79
Wichita Falls.....	96.86	99.43	96.08	38.9	39.3	38.9	2.49	2.53	2.47
UTAH	137.11	136.46	130.90	38.3	37.8	38.5	3.58	3.61	3.40
Salt Lake City.....	127.54	126.97	123.12	38.3	37.9	38.0	3.33	3.35	3.24
VERMONT	128.54	127.20	117.62	41.2	41.3	40.7	3.12	3.08	2.89
Burlington.....	152.51	147.07	130.73	42.6	41.9	41.5	3.58	3.51	3.15
Springfield.....	135.47	134.20	131.47	40.2	40.3	39.6	3.37	3.33	3.32
VIRGINIA	114.23	113.08	109.07	39.8	39.4	40.1	2.87	2.87	2.72
Lynchburg.....	111.67	108.92	107.06	39.6	38.9	40.4	2.82	2.80	2.65
Norfolk-Portsmouth.....	127.31	124.85	118.56	41.2	40.8	41.6	3.09	3.06	2.85
Richmond.....	130.07	133.06	121.18	39.9	40.2	39.6	3.26	3.31	3.06
Roanoke.....	106.26	107.06	102.76	39.5	39.8	40.3	2.69	2.69	2.55
WASHINGTON	166.32	164.22	159.59	39.6	39.1	39.6	4.20	4.20	4.03
Seattle-Everett.....	172.18	170.25	170.13	39.4	39.5	40.7	4.37	4.31	4.18
Spokane.....	160.70	159.12	148.20	39.1	39.0	38.0	4.11	4.08	3.90
Tacoma.....	167.48	160.06	152.43	39.5	38.2	38.3	4.24	4.19	3.98
WEST VIRGINIA	141.81	139.98	134.58	39.5	39.1	39.7	3.59	3.58	3.39
Charleston.....	171.81	170.15	167.11	41.4	41.1	42.2	4.15	4.14	3.96
Huntington-Ashland.....	151.29	146.30	137.83	39.5	38.5	38.5	3.83	3.80	3.58
Wheeling.....	150.84	148.34	135.77	41.1	40.2	39.7	3.67	3.69	3.42
WISCONSIN	155.30	152.81	144.96	40.3	40.0	40.3	3.85	3.82	3.60
Green Bay.....	157.13	158.05	152.35	41.8	42.0	42.2	3.76	3.76	3.61
Kenosha.....	170.85	156.49	155.59	39.1	38.5	39.1	4.36	4.06	3.98
La Crosse.....	132.18	129.92	120.47	41.1	40.5	40.0	3.21	3.21	3.01
Madison.....	177.35	183.50	157.84	40.4	41.9	40.1	4.39	4.38	3.94
Milwaukee.....	167.07	165.19	156.75	40.2	40.0	40.2	4.16	4.13	3.90
Racine.....	156.67	155.53	147.57	39.5	39.2	39.8	3.97	3.96	3.71
WYOMING	142.88	145.48	136.00	39.8	40.3	40.0	3.59	3.61	3.40
Casper.....	163.99	164.83	161.63	39.9	40.4	42.2	4.11	4.08	3.83
Cheyenne.....	152.40	150.14	109.05	40.0	39.1	34.4	3.81	3.84	3.17

¹ Revised series; not strictly comparable with previously published data.
² Subarea of Philadelphia, Pennsylvania Standard Metropolitan Statistical Area.
³ Area included in New York-Northeastern New Jersey Standard Consolidated Area.
⁴ Subarea of Rochester Standard Metropolitan Statistical Area.
⁵ Subarea of New York Standard Metropolitan Statistical Area.

*Not available.
p = preliminary.
SOURCE: Cooperating State agencies listed on inside back cover.

ESTABLISHMENT DATA LABOR TURNOVER

D-1: Labor turnover rates in manufacturing

1959 to date

(Per 100 employees)

Year	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Annual average
Total accessions													
1959.....	3.8	3.7	4.1	4.1	4.2	5.4	4.4	5.2	5.1	3.9	3.4	3.6	4.2
1960.....	4.0	3.5	3.3	3.4	3.9	4.7	3.9	4.9	4.8	3.5	2.9	2.3	3.8
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	5.0	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	3.2	3.5	3.6	3.9P								
New hires													
1959.....	2.0	2.1	2.4	2.5	2.7	3.7	3.0	3.5	3.5	2.6	1.9	1.5	2.6
1960.....	2.2	2.2	2.0	2.0	2.3	3.0	2.4	2.9	2.8	2.1	1.5	1.0	2.2
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	2.9	3.5	3.4	2.7	1.9	1.4	2.8
1971.....	2.0	1.9	2.2	2.3	2.6P								
Total separations													
1959.....	3.7	3.1	3.3	3.6	3.5	3.6	4.0	4.6	5.3	5.5	4.7	3.9	4.1
1960.....	3.6	3.5	4.0	4.2	3.9	4.0	4.4	4.8	5.3	4.7	4.5	4.8	4.3
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	5.3	4.3	4.2	4.9
1970.....	4.8	4.3	4.5	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	3.7P								
Quits													
1959.....	1.1	1.0	1.2	1.4	1.5	1.5	1.6	2.1	2.6	1.7	1.2	1.0	1.5
1960.....	1.2	1.2	1.2	1.4	1.3	1.4	1.4	1.8	2.3	1.3	.9	.7	1.3
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	2.6	4.0	4.4	2.9	2.1	1.6	2.7
1970.....	2.1	1.9	1.9	2.1	2.1	2.1	2.1	3.0	3.3	2.1	1.4	1.2	2.1
1971.....	1.4	1.3	1.5	1.6	1.7P								
Layoffs													
1959.....	2.1	1.5	1.6	1.6	1.4	1.4	1.8	1.8	2.0	3.2	2.9	2.4	2.0
1960.....	1.8	1.7	2.2	2.2	1.9	2.0	2.4	2.4	2.4	2.8	3.1	3.6	2.4
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	1.0	1.6	1.1	1.1	1.3	1.3	1.8	1.2
1970.....	1.7	1.6	1.6	1.7	1.5	1.5	2.3	1.7	1.7	2.2	2.1	2.3	1.8
1971.....	1.9	1.5	1.4	1.4	1.2 p								

p = preliminary.

**ESTABLISHMENT DATA
LABOR TURNOVER**

D-2: Labor turnover rates, by industry

(Per 100 employees)

SIC Code	Industry	Accession rates				Separation rates					
		Total		New hires		Total		Quits		Layoffs	
		May 1971 ^P	Apr. 1971	May 1971 ^P	Apr. 1971	May 1971 ^P	Apr. 1971	May 1971 ^P	Apr. 1971	May 1971 ^P	Apr. 1971
	MANUFACTURING	3.9	3.6	2.6	2.3	3.7	3.9	1.7	1.6	1.2	1.4
19,24,25,32-39	DURABLE GOODS	3.6	3.3	2.3	2.0	3.3	3.6	1.4	1.3	1.1	1.4
20-23,26-31	NONDURABLE GOODS	4.3	3.9	3.0	2.7	4.2	4.3	2.1	2.0	1.3	1.5
	<i>Durable Goods</i>										
19	ORDNANCE AND ACCESSORIES	-	1.6	-	.7	-	3.7	-	.7	-	2.0
192	Ammunition, except for small arms	-	1.4	-	.6	-	4.1	-	.7	-	2.3
24	LUMBER AND WOOD PRODUCTS	6.5	5.9	4.9	4.4	4.8	4.8	3.0	2.9	.9	1.0
242	Sawmills and planing mills	-	5.6	-	4.5	-	4.7	-	3.1	-	.7
2421	Sawmills and planing mills, general	-	5.5	-	4.5	-	4.5	-	2.9	-	.7
243	Millwork, plywood & related products	-	5.6	-	4.7	-	4.3	-	2.6	-	.7
2431	Millwork	-	5.8	-	5.0	-	4.4	-	2.7	-	.7
2432	Veneer and plywood	-	4.0	-	3.5	-	4.2	-	2.4	-	.8
244	Wooden containers	-	6.4	-	5.6	-	6.7	-	4.6	-	1.1
2441,2	Wooden boxes, shooks, and crates	-	6.7	-	5.8	-	6.5	-	4.6	-	1.0
249	Miscellaneous wood products	-	4.5	-	3.7	-	5.1	-	2.9	-	1.2
25	FURNITURE AND FIXTURES	5.3	4.9	4.2	3.8	4.8	4.8	2.9	2.9	.8	.9
251	Household furniture	-	5.2	-	4.2	-	5.0	-	3.3	-	.7
2511	Wood household furniture	-	5.4	-	4.1	-	4.8	-	3.4	-	.4
2512	Upholstered household furniture	-	4.5	-	3.8	-	4.5	-	2.9	-	.7
2515	Mattresses and bedsprings	-	4.4	-	3.7	-	5.1	-	3.1	-	.9
252	Office furniture	-	3.4	-	1.7	-	4.6	-	1.7	-	2.2
32	STONE, CLAY, AND GLASS PRODUCTS	4.7	4.9	3.3	3.1	3.7	3.6	1.9	1.8	1.0	1.0
321	Flat glass	-	2.6	-	.5	-	3.7	-	.3	-	2.6
322	Glass and glassware, pressed or blown	-	3.3	-	1.7	-	3.7	-	1.4	-	1.4
3221	Glass containers	-	4.0	-	2.3	-	3.3	-	1.7	-	.8
3229	Pressed and blown glass, n e c	-	2.3	-	1.0	-	4.2	-	.9	-	2.2
324	Cement, hydraulic	-	1.7	-	1.1	-	1.2	-	.5	-	.2
325	Structural clay products	-	7.3	-	5.0	-	4.4	-	3.0	-	.6
3251	Brick and structural clay tile	-	9.6	-	7.1	-	5.7	-	4.2	-	.6
326	Pottery and related products	-	3.6	-	2.3	-	3.5	-	1.7	-	1.0
3291	Abrasive products	-	2.2	-	.6	-	2.3	-	.7	-	.6
33	PRIMARY METAL INDUSTRIES	2.9	2.9	1.9	1.8	2.6	2.6	1.0	1.0	.8	.6
331	Blast furnace and basic steel products	-	2.8	-	1.8	-	2.0	-	.7	-	.4
3312	Blast furnaces and steel mills	-	2.7	-	1.8	-	1.9	-	.7	-	.3
332	Iron and steel foundries	-	3.3	-	2.1	-	4.1	-	1.6	-	1.4
3321	Gray iron foundries	-	3.1	-	2.2	-	3.7	-	1.5	-	1.1
3322	Malleable iron foundries	-	4.1	-	3.2	-	4.8	-	2.6	-	1.0
3323	Steel foundries	-	3.4	-	1.7	-	4.9	-	1.3	-	2.1
333,4	Nonferrous metals	-	2.4	-	1.7	-	2.5	-	1.2	-	.4
335	Nonferrous rolling and drawing	-	2.6	-	1.5	-	1.9	-	.9	-	.3
3351	Copper rolling and drawing	-	2.9	-	1.5	-	1.7	-	.8	-	.2
3352	Aluminum rolling and drawing	-	3.0	-	1.8	-	2.0	-	.8	-	.4
3357	Nonferrous wire drawing, and insulating	-	2.4	-	1.4	-	1.9	-	1.0	-	.2
336	Nonferrous foundries	-	4.5	-	2.7	-	4.3	-	1.8	-	1.6
3361	Aluminum castings	-	4.0	-	2.5	-	4.4	-	2.0	-	1.4
3362,9	Other nonferrous castings	-	5.1	-	2.8	-	4.3	-	1.5	-	1.9
339	Miscellaneous primary metal products	-	2.5	-	1.5	-	3.3	-	1.1	-	1.1
3391	Iron and steel forgings	-	2.0	-	.9	-	3.5	-	.8	-	1.4

See footnotes at end of table.

ESTABLISHMENT DATA LABOR TURNOVER

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

(Per 100 employees)

SIC Code	Industry	Accession rates				Separation rates					
		Total		New hires		Total		Quits		Layoffs	
		May 1971 ^P	Apr. 1971	May 1971 ^P	Apr. 1971	May 1971 ^P	Apr. 1971	May 1971 ^P	Apr. 1971	May 1971 ^P	Apr. 1971
<i>Durable Goods--Continued</i>											
34	FABRICATED METAL PRODUCTS	-	3.8	-	2.2	-	4.0	-	1.5	-	1.6
341	Metal cans	-	5.8	-	.6	-	5.7	-	.7	-	3.7
342	Cutlery, hand tools, and hardware	-	2.5	-	1.6	-	3.3	-	1.3	-	1.3
3421,3,5	Cutlery and hand tools, incl. saws	-	2.7	-	2.1	-	2.9	-	1.3	-	.9
3429	Hardware, n e c	-	2.3	-	1.3	-	3.5	-	1.2	-	1.6
343	Plumbing and heating, except electric	-	3.8	-	2.8	-	3.9	-	1.5	-	1.4
3431.2	Sanitary ware & plumbers' brass goods	-	4.3	-	3.5	-	3.5	-	1.7	-	.5
3433	Heating equipment, except electric	-	3.4	-	2.3	-	4.2	-	1.4	-	2.1
344	Fabricated structural metal products	-	4.3	-	3.0	-	4.2	-	1.8	-	1.5
3441	Fabricated structural steel	-	3.8	-	2.9	-	5.0	-	1.9	-	1.8
3443	Fabricated plate work (boiler shops)	-	2.5	-	1.7	-	3.3	-	1.1	-	1.4
3446,9	Architectural and misc. metal work	-	5.2	-	3.4	-	4.2	-	1.9	-	1.1
345	Screw machine products, bolts, etc.	-	2.4	-	1.6	-	3.1	-	1.3	-	1.1
3452	Bolts, nuts, rivets, and washers	-	2.0	-	1.2	-	2.1	-	1.0	-	.4
346	Metal stampings	-	3.6	-	1.3	-	3.8	-	1.1	-	2.0
348	Misc. fabricated wire products	-	3.7	-	2.7	-	4.6	-	2.2	-	1.5
349	Misc. fabricated metal products	-	2.8	-	1.8	-	3.3	-	1.4	-	1.2
3494,8	Valves, pipe, and pipe fittings	-	2.4	-	1.8	-	2.8	-	1.3	-	.8
35	MACHINERY, EXCEPT ELECTRICAL	2.5	2.2	1.5	1.2	3.0	3.1	0.9	.9	1.2	1.4
351	Engines and turbines	-	1.7	-	.8	-	2.2	-	.6	-	.7
3511	Steam engines and turbines	-	2.0	-	1.0	-	1.7	-	.5	-	.2
3519	Internal combustion engines, n e c	-	1.5	-	.7	-	2.6	-	.7	-	1.0
352	Farm machinery	-	2.4	-	1.3	-	4.3	-	1.1	-	2.2
353	Construction and related machinery	-	2.1	-	1.5	-	2.5	-	.9	-	.9
3531,2	Construction and mining machinery	-	1.9	-	1.3	-	2.0	-	.7	-	.7
3533	Oil field machinery	-	2.8	-	2.5	-	3.1	-	1.6	-	.7
3535,6	Conveyors, hoists, cranes, monorails	-	2.3	-	1.4	-	2.9	-	.9	-	1.5
354	Metal working machinery	-	2.0	-	.9	-	4.3	-	.7	-	2.8
3541	Machine tools, metal cutting types	-	1.4	-	.2	-	4.5	-	.5	-	3.4
3545	Machine tool accessories	-	1.9	-	.7	-	2.6	-	.7	-	1.5
3542,8	Misc. metal working machinery	-	1.6	-	.9	-	2.6	-	.7	-	1.3
355	Special industry machinery	-	1.9	-	1.2	-	2.9	-	1.0	-	1.3
3551	Food products machinery	-	2.0	-	1.3	-	3.2	-	1.0	-	1.8
3552	Textile machinery	-	2.6	-	2.0	-	3.2	-	1.5	-	.9
356	General industrial machinery	-	2.0	-	1.1	-	2.9	-	.8	-	1.2
3561	Pumps and compressors	-	1.6	-	.9	-	2.7	-	.8	-	1.3
3562	Ball and roller bearings	-	1.6	-	.4	-	3.4	-	.5	-	2.3
3566	Power transmission equipment	-	1.8	-	.9	-	2.1	-	.8	-	.7
357	Office and computing machines	-	1.6	-	.8	-	2.4	-	.7	-	.9
3573	Electronic computing equipment	-	1.3	-	.6	-	2.1	-	.6	-	.7
358	Service industry machines	-	2.9	-	2.0	-	3.1	-	1.2	-	1.0
3585	Refrigeration machinery	-	3.0	-	2.0	-	3.1	-	1.2	-	1.1
36	ELECTRICAL EQUIPMENT AND SUPPLIES	-	2.6	-	1.3	-	3.2	-	1.1	-	1.2
361	Electric test & distributing equipment	-	1.8	-	.9	-	2.6	-	.9	-	.9
3611	Electric measuring instruments	-	1.6	-	.9	-	2.5	-	1.1	-	.9
3612	Transformers	-	2.4	-	.8	-	3.0	-	1.0	-	1.1
3613	Switchgear and switchboard apparatus	-	1.6	-	.9	-	2.5	-	.8	-	.7
362	Electrical industrial apparatus	-	1.9	-	.7	-	2.5	-	.9	-	.9
3621	Motors and generators	-	2.0	-	.8	-	2.9	-	.9	-	1.0
3622	Industrial controls	-	1.8	-	.6	-	1.9	-	.8	-	.4
363	Household appliances	-	3.5	-	1.7	-	3.5	-	1.4	-	1.0
3632	Household refrigerators and freezers	-	3.9	-	1.8	-	3.0	-	1.2	-	.7
3633	Household laundry equipment	-	3.7	-	1.6	-	3.1	-	1.1	-	1.0
3634	Electric housewares and fans	-	3.3	-	1.6	-	4.3	-	1.8	-	1.8
364	Electric lighting and wiring equipment	-	3.2	-	1.9	-	3.3	-	1.5	-	.9
3641	Electric lamps	-	1.9	-	.9	-	2.4	-	1.0	-	.5
3642	Lighting fixtures	-	4.1	-	2.4	-	3.7	-	1.6	-	1.0
3643,4	Wiring devices	-	3.2	-	2.1	-	3.4	-	1.6	-	1.0
365	Radio and TV receiving equipment	-	4.9	-	2.5	-	5.2	-	1.6	-	2.1
366	Communication equipment	-	1.5	-	.6	-	2.8	-	.8	-	1.3
3661	Telephone and telegraph apparatus	-	.6	-	.3	-	1.9	-	.8	-	.6
3662	Radio and TV communication equipment	-	2.0	-	.8	-	3.3	-	.8	-	1.8
367	Electronic components and accessories	-	3.4	-	1.6	-	3.9	-	1.5	-	1.4
3671-3	Electron tubes	-	1.8	-	.4	-	3.5	-	1.0	-	1.2
3674,9	Other electronic components	-	3.8	-	1.9	-	4.0	-	1.6	-	1.5
369	Misc. electrical equipment & supplies	-	2.1	-	1.2	-	3.1	-	1.0	-	1.4
3694	Engine electrical equipment	-	1.4	-	.5	-	2.6	-	.6	-	1.4

See footnotes at end of table.

**ESTABLISHMENT DATA
LABOR TURNOVER**

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

		(Per 100 employees)									
SIC Code	Industry	Accession rates				Separation rates					
		Total		New hires		Total		Quits		Layoffs	
		May 1971 ^P	Apr. 1971	May 1971 ^P	Apr. 1971	May 1971 ^P	Apr. 1971	May 1971 ^P	Apr. 1971	May 1971 ^P	Apr. 1971
<i>Durable Goods--Continued</i>											
37	TRANSPORTATION EQUIPMENT	-	3.3	-	1.6	-	4.1	-	1.0	-	2.3
371	Motor vehicles and equipment	-	2.4	-	.9	-	2.5	-	.7	-	1.0
3711	Motor vehicles	-	1.8	-	.7	-	2.1	-	.6	-	.8
3712	Passenger car bodies	-	2.7	-	.8	-	1.8	-	.5	-	.7
3713	Truck and bus bodies	-	4.1	-	2.6	-	2.7	-	1.4	-	.6
3714	Motor vehicle parts and accessories	-	2.6	-	.8	-	2.9	-	.6	-	1.4
372	Aircraft and parts	-	1.5	-	.5	-	4.4	-	.6	-	3.4
3721	Aircraft	-	1.6	-	.4	-	4.0	-	.5	-	3.2
3722	Aircraft engines and engine parts	-	1.0	-	.3	-	3.8	-	.5	-	2.5
3723,9	Other aircraft parts and equipment	-	1.9	-	1.1	-	6.6	-	.8	-	5.3
373	Ship and boat building and repairing	-	9.0	-	4.5	-	9.6	-	2.3	-	6.0
3731	Ship building and repairing	-	9.2	-	3.6	-	10.5	-	1.9	-	7.4
374	Railroad equipment	-	5.9	-	2.0	-	4.8	-	.9	-	2.8
375,9	Other transportation equipment	-	9.5	-	7.4	-	5.8	-	3.7	-	.7
38	INSTRUMENTS AND RELATED PRODUCTS	2.4	2.5	1.6	1.6	2.5	2.6	1.0	1.0	0.8	.9
381	Engineering & scientific instruments	-	2.1	-	1.1	-	2.5	-	.7	-	1.2
382	Mechanical measuring & control devices	-	2.2	-	1.3	-	2.3	-	.9	-	.6
3821	Mechanical measuring devices	-	1.7	-	1.2	-	2.0	-	.9	-	.5
3822	Automatic temperature controls	-	3.0	-	1.5	-	2.8	-	.9	-	.7
383,5	Optical and ophthalmic goods	-	2.9	-	2.3	-	3.0	-	1.4	-	.9
384	Medical instruments and supplies	-	2.8	-	2.4	-	3.4	-	1.3	-	1.2
386	Photographic equipment and supplies	-	2.1	-	.9	-	1.5	-	.6	-	.5
387	Watches, clocks, and watchcases	-	4.4	-	2.6	-	4.1	-	1.5	-	1.3
39	MISCELLANEOUS MANUFACTURING INDUSTRIES	6.0	5.2	4.5	3.4	4.5	4.7	2.4	2.2	1.2	1.4
391	Jewelry, silverware, and plated ware	-	3.1	-	2.4	-	3.4	-	1.9	-	.7
394	Toys and sporting goods	-	9.2	-	5.6	-	6.6	-	3.3	-	1.7
3941-3	Games, toys, dolls, & play vehicles	-	11.8	-	5.9	-	8.0	-	3.8	-	2.3
3949	Sporting and athletic goods, n e c	-	6.2	-	5.3	-	5.1	-	2.8	-	1.2
395	Pens, pencils, office and art supplies	-	2.9	-	2.3	-	2.8	-	1.2	-	.9
396	Costume jewelry and notions	-	4.5	-	3.4	-	4.9	-	2.4	-	1.8
393,9	Other manufacturing industries	-	3.7	-	2.5	-	4.1	-	1.7	-	1.3
<i>Nondurable Goods</i>											
20	FOOD AND KINDRED PRODUCTS	5.7	5.2	3.8	3.2	5.5	5.4	2.3	2.2	2.4	2.4
201	Meat products	-	6.9	-	3.5	-	6.5	-	3.0	-	2.8
2011	Meat packing plants	-	6.9	-	2.3	-	6.5	-	1.5	-	4.4
2015	Poultry dressing plants	-	9.5	-	7.0	-	8.7	-	7.1	-	.7
204	Grain mill products	-	2.7	-	2.0	-	3.7	-	1.6	-	1.2
2041	Flour and other grain mill products	-	2.5	-	1.3	-	3.1	-	1.4	-	1.1
2042	Prepared feeds for animals and fowls	-	2.9	-	2.6	-	4.2	-	2.1	-	1.1
205	Bakery products	-	3.7	-	2.9	-	3.9	-	2.0	-	1.2
2051	Bread, cake, and related products	-	3.6	-	3.0	-	3.7	-	2.1	-	.8
2052	Cookies and crackers	-	4.2	-	2.3	-	5.2	-	1.5	-	2.7
207	Confectionery and related products	-	4.6	-	2.8	-	8.5	-	2.5	-	5.5
2071	Confectionery products	-	5.0	-	2.8	-	10.1	-	2.7	-	6.8
208	Beverages	-	4.5	-	3.0	-	3.7	-	1.8	-	1.2
2082	Malt liquors	-	3.8	-	1.2	-	3.1	-	.2	-	2.3
21	TOBACCO MANUFACTURES	2.4	2.7	1.7	1.5	1.8	5.1	.9	1.2	.5	3.2
211	Cigarettes	-	1.2	-	.6	-	1.7	-	.5	-	.7
212	Cigars	-	4.5	-	2.5	-	4.7	-	2.6	-	1.1

See footnotes at end of table.

**ESTABLISHMENT DATA
LABOR TURNOVER**

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

(Per 100 employees)

SIC Code	Industry	Accession rates				Separation rates					
		Total		New hires		Total		Quits		Layoffs	
		May 1971 ^P	Apr. 1971	May 1971 ^P	Apr. 1971	May 1971 ^P	Apr. 1971	May 1971 ^P	Apr. 1971	May 1971 ^P	Apr. 1971
	<i>Nondurable Goods--Continued</i>										
	TEXTILE MILL PRODUCTS	5.3	4.9	4.2	3.7	5.2	5.4	3.4	3.4	0.7	.9
22	Weaving mills, cotton	-	4.5	-	3.5	-	5.3	-	3.7	-	.4
222	Weaving mills, synthetics	-	4.5	-	3.2	-	5.6	-	3.2	-	1.1
223	Weaving and finishing mills, wool	-	4.8	-	2.7	-	6.9	-	2.9	-	2.6
224	Narrow fabric mills	-	4.4	-	3.3	-	5.3	-	3.1	-	1.1
225	Knitting mills	-	4.9	-	3.6	-	4.9	-	2.8	-	1.3
2251	Women's hosiery, except socks	-	2.7	-	1.9	-	4.8	-	2.7	-	1.4
2252	Hosiery, n e c	-	4.7	-	3.7	-	4.2	-	2.9	-	.5
2254	Knit underwear mills	-	4.6	-	3.4	-	3.8	-	3.0	-	.3
226	Textile finishing, except wool	-	4.4	-	3.5	-	4.3	-	2.8	-	.4
227	Floor covering mills	-	3.9	-	2.6	-	5.1	-	2.6	-	1.4
228	Yarn and thread mills	-	6.6	-	5.4	-	7.3	-	5.3	-	.7
229	Miscellaneous textile goods	-	5.3	-	3.8	-	4.8	-	2.5	-	1.2
	APPAREL AND OTHER TEXTILE PRODUCTS	5.6	4.9	3.6	3.2	5.4	5.9	2.7	2.7	1.9	2.5
23	Men's and boys' suits and coats	-	4.2	-	1.3	-	4.5	-	1.3	-	2.7
231	Men's and boys' furnishings	-	5.5	-	3.9	-	5.3	-	3.6	-	1.0
232	Men's and boys' shirts and nightwear	-	5.0	-	3.6	-	5.5	-	3.3	-	1.4
2321	Men's and boys' separate trousers	-	5.3	-	3.9	-	5.4	-	4.1	-	.5
2327	Men's and boys' work clothing	-	4.5	-	3.6	-	4.9	-	3.8	-	.4
2328	Women's and children's undergarments	-	4.7	-	2.7	-	5.7	-	2.9	-	2.1
234	Women's and children's underwear	-	4.9	-	2.9	-	5.7	-	3.1	-	1.9
2341	Corsets and allied garments	-	4.1	-	2.4	-	5.6	-	2.2	-	2.6
2342		-		-		-		-		-	
	PAPER AND ALLIED PRODUCTS	3.0	2.5	2.2	1.7	2.7	2.7	1.4	1.3	.7	.8
26	Paper and pulp mills	-	1.7	-	1.0	-	1.7	-	.6	-	.5
261,2,6	Paperboard mills	-	1.9	-	1.2	-	2.6	-	.9	-	1.0
263	Misc. converted paper products	-	2.6	-	1.9	-	3.1	-	1.4	-	.9
264	Bags, except textile bags	-	3.3	-	2.0	-	4.1	-	2.2	-	1.1
2643	Paperboard containers and boxes	-	3.4	-	2.4	-	3.5	-	1.8	-	.8
265	Folding and setup paperboard boxes	-	3.7	-	2.5	-	3.5	-	1.8	-	1.0
2651,2	Corrugated and solid fiber boxes	-	2.9	-	2.2	-	3.2	-	1.7	-	.6
2653		-		-		-		-		-	
	PRINTING AND PUBLISHING	2.6	2.5	2.0	1.9	2.8	2.7	1.4	1.4	.8	.
	CHEMICALS AND ALLIED PRODUCTS	1.9	2.0	1.4	1.3	2.1	2.1	.9	.9	.6	.6
28	Industrial chemicals	-	1.1	-	.6	-	1.4	-	.5	-	.4
281	Plastics materials and synthetics	-	1.6	-	.8	-	1.5	-	.7	-	.3
282	Plastics materials and resins	-	1.2	-	.7	-	1.5	-	.6	-	.4
2821,4	Synthetic fibers	-	2.0	-	.9	-	1.6	-	.7	-	.3
283	Drugs	-	1.4	-	1.1	-	1.8	-	.8	-	.4
2834	Pharmaceutical preparations	-	1.5	-	1.1	-	1.9	-	.8	-	.4
284	Soap, cleaners, and toilet goods	-	2.4	-	1.4	-	2.7	-	1.1	-	1.0
2841	Soap and other detergents	-	1.7	-	.5	-	1.9	-	.4	-	1.0
2844	Toilet preparations	-	2.9	-	2.0	-	4.1	-	1.7	-	1.3
285	Paints and allied products	-	2.2	-	1.9	-	2.2	-	1.0	-	.4
286,9	Other chemical products	-	2.4	-	1.5	-	3.7	-	.9	-	2.0
	PETROLEUM AND COAL PRODUCTS	2.3	1.9	1.8	1.5	1.8	1.7	.7	.6	.5	.4
29	Petroleum refining	-	1.1	-	.9	-	1.2	-	.4	-	.3
291	Other petroleum and coal products	-	5.4	-	4.0	-	3.4	-	1.7	-	.8
295,9		-		-		-		-		-	
	RUBBER AND PLASTICS PRODUCTS, N E C	4.2	4.1	3.0	2.9	3.9	4.4	2.0	2.1	1.0	1.3
30	Tires and inner tubes	-	1.8	-	.9	-	1.6	-	.6	-	.2
301	Other rubber products	-	3.5	-	2.3	-	4.4	-	1.9	-	1.2
302,3,6	Miscellaneous plastics products	-	5.3	-	4.0	-	5.6	-	2.8	-	1.7
307		-		-		-		-		-	

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 1971 ^P	Apr. 1971	May 1971 ^P	Apr. 1971	May 1971 ^P	Apr. 1971	May 1971 ^P	Apr. 1971	May 1971 ^P	Apr. 1971
	<i>Nondurable Goods--Continued</i>										
31	LEATHER AND LEATHER PRODUCTS	6.1	5.9	4.0	4.0	5.8	6.1	3.2	3.0	1.4	2.1
311	Leather tanning and finishing	-	5.7	-	3.9	-	4.6	-	2.7	-	1.1
314	Footwear, except rubber	-	6.1	-	4.2	-	5.8	-	3.1	-	1.5
	NONMANUFACTURING										
10	METAL MINING	2.9	3.0	2.4	2.1	2.6	2.6	1.6	1.7	.2	.3
101	Iron ores	-	3.2	-	1.1	-	1.7	-	.6	-	.4
102	Copper ores	-	2.4	-	1.8	-	2.2	-	1.4	-	.1
11,12	COAL MINING	1.9	2.0	1.6	1.7	1.5	1.5	.9	1.0	.3	.1
12	Bituminous coal and lignite mining	-	2.0	-	1.7	-	1.5	-	1.0	-	.1
	COMMUNICATION:										
481	Telephone communication	-	1.6	-	1.2	-	1.4	-	.9	-	(¹)
482	Telegraph communication ²	-	2.3	-	2.0	-	2.4	-	1.5	-	.4

¹ Less than 0.05.

² Data relate to all employees except messengers.

^Ppreliminary

ESTABLISHMENT DATA

SEASONALLY ADJUSTED LABOR TURNOVER

D-3: Labor turnover rates in manufacturing, 1959 to date seasonally adjusted

(Per 100 employees)

Table with 13 columns (Year, Jan., Feb., Mar., Apr., May, June, July, Aug., Sept., Oct., Nov., Dec.) and 4 sections: Total accessions, New hires, Total separations, and Quits. Each section lists data for years 1959-1971. A fifth section for Layoffs is also present at the bottom.

p = preliminary.

**ESTABLISHMENT DATA
STATE AND AREA LABOR TURNOVER**

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. 1971 P	Mar. 1971	Apr. 1971 P	Mar. 1971	Apr. 1971 P	Mar. 1971	Apr. 1971 P	Mar. 1971	Apr. 1971 P	Mar. 1971
ALABAMA:										
Birmingham	3.2	2.9	2.2	2.1	3.1	3.4	1.4	1.3	0.9	1.1
Mobile ¹	5.1	6.6	1.7	1.3	9.7	6.9	1.8	2.0	7.0	4.2
ALASKA	24.3	15.4	14.0	8.9	7.4	7.0	5.2	2.6	1.7	3.8
ARIZONA	5.1	5.4	3.0	3.1	4.3	4.5	2.0	2.0	1.2	1.4
Phoenix	4.7	5.2	2.6	2.9	4.1	4.2	1.8	1.7	1.2	1.5
ARKANSAS	6.7	6.3	5.2	4.8	5.6	5.9	3.9	3.4	.8	1.7
Fort Smith	5.8	10.8	4.2	8.7	7.9	6.6	4.2	4.4	2.4	1.0
Little Rock-North Little Rock	6.3	5.8	5.4	5.1	5.9	5.2	3.9	3.6	.8	.5
Pine Bluff	5.7	5.0	4.5	3.6	3.6	3.9	2.8	2.3	.1	1.1
COLORADO	5.2	4.2	4.0	2.9	4.7	3.9	2.0	1.9	1.9	1.2
Denver	5.4	4.5	4.5	3.4	4.6	3.7	2.2	2.0	1.6	.9
CONNECTICUT	2.2	2.5	1.3	1.5	3.5	3.1	1.1	1.1	1.6	1.4
Hartford	1.5	1.9	.9	1.1	4.1	3.1	.8	.9	2.6	1.6
DELAWARE¹	2.5	2.0	1.2	.8	1.9	1.9	.8	.9	.4	.4
Wilmington ¹	1.9	1.7	1.0	.9	2.0	1.9	.8	1.0	.4	.4
DISTRICT OF COLUMBIA:										
Washington SMSA	(*)	2.3	(*)	2.3	(*)	2.8	(*)	2.2	(*)	.2
FLORIDA	(*)	5.8	(*)	4.2	(*)	8.2	(*)	3.3	(*)	3.9
Fort Lauderdale-Hollywood	(*)	5.9	(*)	5.6	(*)	6.4	(*)	3.2	(*)	2.1
Jacksonville	(*)	7.9	(*)	3.6	(*)	7.6	(*)	2.7	(*)	3.7
Miami	(*)	5.1	(*)	4.1	(*)	6.3	(*)	2.3	(*)	3.2
Orlando	(*)	5.3	(*)	4.6	(*)	4.3	(*)	2.7	(*)	.7
Pensacola	(*)	1.2	(*)	1.0	(*)	1.7	(*)	.7	(*)	.4
Tampa-St. Petersburg	(*)	7.6	(*)	6.3	(*)	10.0	(*)	5.4	(*)	3.3
West Palm Beach	(*)	3.9	(*)	2.1	(*)	10.5	(*)	3.2	(*)	6.2
GEORGIA	4.1	4.3	3.2	3.4	4.6	4.8	3.3	3.2	.4	.7
Atlanta ²	3.8	3.3	2.8	2.7	4.2	4.7	2.8	2.7	.6	1.2
HAWAII³	1.7	2.1	1.3	1.7	1.4	2.8	1.0	.9	.2	.6
IDAHO⁴	7.9	5.5	5.2	4.4	8.0	4.9	2.8	2.5	4.2	1.4
ILLINOIS:										
Chicago	2.9	3.0	2.1	2.2	3.4	3.5	1.5	1.5	1.0	1.1
INDIANA¹	3.4	3.4	1.9	1.7	3.0	3.2	1.3	1.0	.9	1.2
Indianapolis ⁵	2.4	2.4	1.2	1.0	2.3	2.5	.9	.8	.6	.8
IOWA	3.4	3.3	1.6	1.4	3.3	2.9	1.3	1.0	1.4	1.3
Cedar Rapids	3.6	3.5	1.1	.6	3.4	4.0	.7	.9	2.3	2.7
Des Moines	3.0	3.5	2.0	2.2	3.9	2.9	1.8	1.5	1.2	.5
KANSAS	3.4	3.1	2.3	2.2	4.2	3.6	1.5	1.2	2.0	1.5
Topeka	2.8	3.2	2.1	2.8	5.3	3.4	1.5	1.2	2.9	1.5
Wichita	2.4	2.2	1.4	1.2	3.7	3.7	.8	.7	2.6	2.6
KENTUCKY	3.4	3.4	1.8	1.8	4.1	3.6	1.6	1.5	1.3	1.4
Louisville	2.4	2.2	1.1	1.1	3.0	2.6	1.0	1.1	1.0	.6
LOUISIANA:										
New Orleans	6.0	3.4	4.3	2.6	5.1	4.0	2.1	1.4	1.5	1.5
MAINE	5.4	6.3	3.6	3.6	6.0	7.2	2.7	2.4	2.4	3.6
Portland	3.1	3.6	2.3	2.8	5.8	3.1	2.4	1.8	2.8	.7
MARYLAND	3.0	3.1	1.9	1.8	3.5	3.6	1.5	1.4	1.3	1.5
Baltimore	3.1	3.0	1.9	1.8	3.1	3.5	1.5	1.2	1.0	1.5

See footnotes at end of table.

**ESTABLISHMENT DATA
STATE AND AREA LABOR TURNOVER**

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

State and area	(Per 100 employees)									
	Accession rates				Separation rates					
	Total		New hires		Total		Quits		Layoffs	
	Apr. 1971 P	Mar. 1971	Apr. 1971 P	Mar. 1971	Apr. 1971 P	Mar. 1971	Apr. 1971 P	Mar. 1971	Apr. 1971 P	Mar. 1971
MASSACHUSETTS.....	3.3	3.2	2.1	2.1	3.9	3.6	1.6	1.4	1.5	1.4
Boston.....	3.1	3.0	1.8	1.9	3.3	3.5	1.3	1.2	1.3	1.3
MICHIGAN.....	2.7	2.7	1.0	1.0	3.1	3.0	.7	.7	1.5	1.6
Detroit.....	2.7	2.8	1.0	.9	3.1	3.3	.7	.7	1.4	1.7
MINNESOTA.....	3.7	3.2	1.8	1.5	3.4	3.7	1.5	1.2	1.3	1.8
Minneapolis-St. Paul.....	3.3	3.0	1.4	1.3	3.1	3.4	1.2	1.0	1.3	1.8
MISSISSIPPI:										
Jackson.....	5.3	4.3	3.8	3.1	4.5	5.1	3.1	2.7	.4	1.3
MISSOURI.....	3.2	3.1	2.0	2.0	3.6	3.6	1.6	1.4	1.3	1.4
Kansas City.....	2.6	2.6	2.0	1.8	4.1	3.1	1.8	1.3	1.5	.9
St. Louis.....	2.5	2.5	1.3	1.3	2.8	2.8	1.0	.9	1.1	1.2
MONTANA.....	5.4	5.3	4.0	2.7	3.5	5.0	1.8	2.2	1.1	1.4
NEBRASKA.....	3.1	3.1	2.4	2.4	3.6	3.2	2.1	1.7	.8	.8
NEVADA.....	4.4	4.3	3.7	3.6	3.8	3.2	2.5	1.4	.6	.7
NEW HAMPSHIRE.....	3.9	3.8	2.9	2.9	4.4	4.1	2.5	2.2	1.1	1.1
NEW JERSEY:										
Camden ⁶	3.7	3.4	2.4	2.1	3.8	4.0	1.3	1.2	1.4	1.8
Jersey City.....	2.8	3.7	1.6	2.0	2.9	3.7	1.0	1.1	1.3	1.8
Newark.....	2.7	3.5	1.8	2.3	3.3	3.3	1.2	1.3	1.2	1.1
Paterson-Clifton-Passaic.....	3.0	3.1	1.9	2.0	4.5	4.1	1.3	1.2	2.2	2.0
Perth Amboy.....	2.4	2.7	1.9	2.1	3.9	3.6	1.3	1.4	1.7	1.1
Trenton.....	2.1	2.2	1.2	1.7	3.2	3.1	1.1	1.0	1.3	1.3
NEW YORK.....	3.2	3.5	1.9	2.1	4.1	3.5	1.2	1.1	2.1	1.6
Albany-Schenectady-Troy.....	2.6	2.7	1.5	1.8	3.2	2.8	1.1	1.0	1.2	1.0
Binghamton.....	1.8	1.3	.8	.8	2.0	1.9	.8	.6	.7	.8
Buffalo.....	2.2	2.5	1.1	1.3	2.3	2.2	.7	.6	.9	1.0
Elmira.....	2.1	2.6	1.0	1.3	5.0	2.4	1.1	.8	3.0	.8
Monroe County ⁷	(*)	1.6	(*)	1.1	(*)	1.7	(*)	.7	(*)	.4
Nassau and Suffolk Counties ⁸	3.4	4.2	2.9	3.1	4.5	3.9	1.8	1.7	1.9	1.4
New York SMSA.....	3.8	4.4	2.5	2.9	5.2	4.2	1.4	1.4	2.9	2.0
New York City ⁸	4.1	4.6	2.5	3.0	5.5	4.4	1.4	1.3	3.3	2.2
Rochester.....	2.3	1.8	1.1	1.1	2.5	1.9	.8	.7	1.1	.6
Syracuse.....	2.3	2.1	1.1	1.2	2.2	1.9	1.0	.8	.7	.7
Utica-Rome.....	2.5	3.3	1.5	1.7	2.6	3.1	.8	.8	1.2	1.6
Westchester County ⁸	2.1	2.7	1.4	1.7	3.8	3.4	1.1	1.2	1.9	1.2
NORTH CAROLINA.....	4.5	4.3	3.7	3.5	4.9	4.4	3.3	3.0	.5	.5
Charlotte.....	4.5	3.9	4.1	3.4	5.8	4.0	3.2	3.0	.9	.3
Greensboro-Winston-Salem-High Point.....	3.9	3.5	3.2	3.0	4.2	3.8	2.8	2.6	.4	.3
NORTH DAKOTA.....	7.0	5.3	2.6	4.1	7.7	3.4	2.2	1.9	5.0	.7
Fargo-Moorhead.....	4.9	4.8	3.3	2.1	3.9	2.1	1.9	1.1	.6	.6
OHIO.....	2.6	2.8	1.4	1.4	2.8	3.0	.9	.9	1.1	1.3
Akron.....	1.5	2.0	.8	.9	2.1	2.5	.8	.7	.8	1.1
Canton.....	2.8	3.9	1.2	2.1	4.1	3.7	.8	.9	2.1	1.8
Cincinnati.....	2.5	2.6	1.2	1.3	2.7	4.4	.9	.9	1.1	2.8
Cleveland.....	2.4	2.5	1.2	1.5	2.7	2.8	.9	.9	1.0	1.1
Columbus.....	2.6	3.0	1.6	1.8	3.2	3.1	1.4	1.3	1.0	1.1
Dayton.....	1.8	2.3	.9	.7	2.6	2.6	.7	.6	1.0	1.3
Toledo.....	2.5	2.5	1.3	1.2	3.0	3.4	.8	.9	1.3	1.5
Youngstown-Warren.....	2.9	3.6	1.6	2.2	2.1	2.2	.7	.6	.4	.5
OKLAHOMA.....	3.9	4.4	3.1	3.0	4.5	4.7	2.6	2.3	.9	1.2
Oklahoma City.....	4.9	4.6	3.8	3.2	5.7	5.3	3.2	2.8	1.3	1.4
Tulsa ⁹	4.3	6.1	3.4	4.3	5.1	6.2	2.6	2.6	1.0	1.9
OREGON ¹	5.4	5.0	3.7	3.4	4.2	3.9	1.9	1.7	1.4	1.4
Portland ¹	4.6	4.2	3.0	2.7	4.4	3.4	1.5	1.4	2.0	1.4

See footnotes at end of table.

**ESTABLISHMENT DATA
STATE AND AREA LABOR TURNOVER**

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

State and area	(Per 100 employees)									
	Accession rates				Separation rates					
	Total		New hires		Total		Quits		Layoffs	
	Apr. 1971 P	Mar. 1971	Apr. 1971 P	Mar. 1971	Apr. 1971 P	Mar. 1971	Apr. 1971 P	Mar. 1971	Apr. 1971 P	Mar. 1971
PENNSYLVANIA:										
Allentown-Bethlehem-Easton	2.6	3.0	1.5	1.6	3.0	3.1	1.2	1.1	1.2	1.3
Altoona	4.1	3.5	2.8	2.5	4.9	3.2	2.4	2.1	1.8	.5
Erie	4.5	5.1	1.5	2.0	3.2	4.0	1.3	1.4	1.1	1.8
Harrisburg	2.3	3.1	1.8	1.7	3.1	3.0	1.3	1.3	.9	.9
Johnstown	4.0	2.9	2.9	1.9	2.4	2.6	1.1	1.1	.4	.6
Lancaster	4.8	2.8	1.9	2.0	3.3	3.4	2.0	1.8	.7	.9
Philadelphia	2.9	3.1	1.9	1.9	3.2	3.5	1.2	1.1	1.2	1.6
Pittsburgh	2.0	2.3	1.1	1.0	2.2	1.9	.6	.5	1.0	.8
Reading	3.0	3.3	2.1	2.4	4.2	3.9	1.5	1.6	1.8	1.5
Scranton	4.0	3.4	1.3	1.4	4.3	3.6	1.4	1.2	2.4	1.9
Wilkes-Barre-Hazleton	4.9	3.4	2.2	1.8	4.0	4.8	1.7	1.5	1.7	2.4
York	2.8	3.0	2.2	2.2	4.8	4.2	1.8	1.8	2.4	1.8
RHODE ISLAND:										
Providence-Pawtucket-Warwick	4.2	4.2	2.8	2.9	5.2	5.1	2.0	1.9	2.3	2.4
	3.9	4.1	2.6	2.8	4.9	4.9	2.0	1.9	2.1	2.2
SOUTH CAROLINA:										
Greenville	4.8	5.1	4.0	4.2	5.8	5.5	3.5	3.3	.9	.9
SOUTH DAKOTA:										
Sioux Falls	5.6	5.5	2.3	3.1	4.2	3.9	2.2	1.2	1.4	2.3
	8.1	5.9	2.2	.9	5.3	6.3	1.7	.6	3.0	5.4
TENNESSEE:										
Memphis	4.7	4.0	3.4	2.9	4.3	4.0	2.1	1.7	1.1	1.2
TEXAS:										
Dallas	4.2	3.4	3.4	2.9	4.3	3.6	2.6	2.1	.9	.7
Fort Worth	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)
Houston	3.4	3.4	2.9	3.0	3.7	3.1	2.2	1.9	.4	.3
San Antonio	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)
UTAH⁴:										
Salt Lake City	4.3	4.1	3.2	3.1	5.6	3.9	2.8	1.8	2.0	1.2
	3.3	4.1	2.9	3.4	4.0	3.8	2.0	2.0	1.1	1.0
VERMONT:										
Burlington	2.8	3.5	1.7	2.2	3.1	3.8	1.3	1.4	1.2	1.7
Springfield	1.8	2.1	.8	1.1	3.4	3.1	1.3	1.4	1.4	1.0
	2.6	3.7	1.0	1.1	3.3	8.0	.7	.7	2.1	6.6
VIRGINIA:										
Richmond	3.7	3.8	2.8	2.8	4.3	3.5	2.4	2.2	1.1	.6
	2.6	3.9	2.2	2.4	4.0	3.2	2.0	2.0	1.3	.6
WASHINGTON:										
Seattle-Everett ¹⁰	3.2	3.0	1.9	1.8	7.6	4.3	1.0	.9	6.0	2.9
WEST VIRGINIA:										
Charleston	.5	.5	.3	.3	1.3	2.3	.2	.2	.5	1.8
WISCONSIN:										
Milwaukee	2.8	2.8	1.5	1.4	3.0	3.3	1.0	.9	1.3	1.7
	2.5	2.8	1.3	1.4	3.2	3.2	.9	.9	1.3	1.2
WYOMING:										
	5.4	4.2	3.8	3.5	5.6	8.3	2.8	2.1	2.2	4.2

- 1 Excludes canning and preserving.
- 2 Excludes agricultural chemicals and miscellaneous manufacturing.
- 3 Excludes canned fruits, vegetables, preserves, jams and jellies.
- 4 Excludes canning and preserving, and sugar.
- 5 Excludes canning and preserving, and newspapers.
- 6 Subarea of Philadelphia, Pennsylvania Standard Metropolitan Statistical Area.
- 7 Subarea of Rochester Standard Metropolitan Statistical Area.
- 8 Subarea of New York Standard Metropolitan Statistical Area.
- 9 Excludes new-hire rate for transportation equipment.
- 10 Excludes canning and preserving, printing and publishing.

* Not available.
p = preliminary.

SOURCE: Cooperating State agencies listed on inside back cover.

ESTABLISHMENT DATA
JOB VACANCY

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	290	240	256	312	288	242	209	185	263
1970.....	186	170	165	158	151 ^P	123	126	137	118	93	76	77	132
1971.....	81	80	83	93	91 ^P								
Job vacancy rates ¹													
1969.....	-	-	-	1.4	1.4	1.2	1.3	1.5	1.4	1.2	1.0	0.9	1.3
1970.....	0.9	0.8	0.8	.8	.8	.6	.6	.7	.6	.5	.4	.4	.7
1971.....	.4	.4	.4	.5	.5 ^P								
Number of long-term job vacancies ² (In thousands)													
1969.....	-	-	-	137	131	110	109	121	127	111	101	90	120
1970.....	76	69	67	60	58	45	44	43	38	33	30	29	49
1971.....	28	27	27	28	27 ^P								
Long-term job vacancy rates ²													
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.....	.1	.1	.1	.2	.1 ^P								

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

² 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.

^Ppreliminary.

E-2: Job vacancy rates in manufacturing, by industry

Industry division and group	1971						1970							
	May ^P	Apr.	Mar.	Feb.	Jan.	Dec.	Nov.	Oct.	Sept.	Aug.	July	June	May	
Job vacancy rates ¹														
Manufacturing	0.5	0.5	0.4	0.4	0.4	0.4	0.4	0.5	0.6	0.7	0.6	0.6	0.8	
Durable goods .....	.4	.4	.4	.4	.4	.3	.3	.4	.5	.6	.6	.6	.7
Nondurable goods .....	.6	.6	.5	.5	.5	.5	.5	.6	.7	.8	.7	.7	.9
Selected durable goods industries:														
Primary metal industries .....	.3	.4	.3	.3	.3	.2	.2	.3	.4	.6	.4	.5	.6
Machinery, except electrical .....	.4	.4	.4	.4	.4	.4	.4	.4	.5	.6	.5	.6	.8
Electrical equipment and supplies .....	.4	.5	.4	.4	.4	.4	.3	.4	.6	.7	.6	.6	.8
Transportation equipment .....	.4	.4	.4	.3	.4	.4	.4	.4	.4	.6	.5	.5	.6
Instruments and related products .....	.6	.8	.6	.5	.6	.5	.4	.6	.7	.7	.6	.7	1.1
Selected nondurable goods industries:														
Textile mill products .....	.9	.9	.8	.6	.7	.6	.6	.8	1.0	1.0	.9	.8	1.1
Apparel and other textile products	1.3	1.3	1.3	1.2	1.2	1.1	1.1	1.1	1.4	1.5	1.4	1.4	1.5	
Printing and publishing .....	.3	.4	.4	.4	.4	.3	.4	.4	.5	.6	.5	.5	.6
Chemicals and allied products .....	.5	.4	.5	.4	.4	.4	.4	.4	.6	.6	.6	.7	.8
Long-term job vacancy rates ²														
Manufacturing	0.1	0.2	0.1	0.1	0.1	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.3	
Durable goods .....	.1	.1	.1	.1	.1	.1	.1	.1	.2	.2	.2	.2	.2
Nondurable goods .....	.2	.2	.2	.2	.2	.2	.2	.2	.2	.3	.3	.3	.3
Selected durable goods industries:														
Primary metal industries .....	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.2	.1	.2
Machinery, except electrical .....	.1	.1	.1	.1	.1	.1	.1	.2	.2	.2	.2	.2	.3
Electrical equipment and supplies .....	.1	.1	.1	.1	.1	.1	.1	.1	.1	.2	.1	.1	.2
Transportation equipment .....	.1	.1	.1	.1	.1	.1	.2	.1	.1	.2	.2	.1	.2
Instruments and related products .....	.1	.1	.2	.1	.1	.1	.1	.1	.1	.2	.2	.2	.4
Selected nondurable goods industries:														
Textile mill products .....	.2	.2	.2	.2	.2	.1	.2	.2	.2	.2	.2	.2	.3
Apparel and other textile products .....	.7	.7	.7	.7	.6	.6	.6	.6	.7	.8	.7	.8	.8
Printing and publishing .....	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.2
Chemicals and allied products .....	.2	.2	.2	.2	.1	.2	.2	.2	.2	.2	.3	.3	.4
Long-term job vacancies as a percent of job vacancies ³														
Manufacturing	30	30	32	34	34	38	40	35	32	31	35	36	37	
Durable goods	25	24	27	26	29	36	37	34	30	30	33	33	35	
Nondurable goods	34	37	37	41	38	41	42	37	34	33	38	40	39	
Selected durable goods industries:														
Primary metal industries	33	24	28	23	21	29	34	44	31	27	36	29	39	
Machinery, except electrical	33	28	29	31	35	40	39	40	38	37	42	38	42	
Electrical equipment and supplies	18	18	19	14	26	26	30	27	24	25	22	22	27	
Transportation equipment	23	23	22	24	25	38	40	34	31	32	37	30	28	
Instruments and related products	16	18	32	19	20	25	28	21	20	24	23	34	39	
Selected nondurable goods industries:														
Textile mill products	20	23	19	27	23	24	25	23	22	21	24	29	28	
Apparel and other textile products	51	52	53	55	52	52	56	51	51	50	52	55	53	
Printing and publishing	21	20	21	21	20	26	23	23	22	21	27	32	30	
Chemicals and allied products	37	39	34	43	35	45	51	49	38	31	45	43	48	

¹ See footnote 1, table E-1.

² See footnote 2, table E-1.

³ Percentages are computed using unrounded rates.

^Ppreliminary.

ESTABLISHMENT DATA
NATIONAL AND AREA JOB VACANCY

E-3: Percent distribution of job vacancies in manufacturing, by industry

Industry division and group	1971					1970							
	May P	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	45.0	49.4	47.8	49.6	46.9	48.5	46.6	49.1	48.8	51.5	51.0	52.1	53.7
Primary metal industries	4.3	4.9	4.8	5.0	4.1	4.1	3.8	3.5	5.0	5.5	4.5	5.3	5.6
Machinery, except electrical	7.6	7.3	7.9	8.0	8.4	8.9	9.1	8.6	8.5	8.1	8.4	10.5	10.6
Electrical equipment and supplies	8.1	8.6	7.7	9.5	8.5	9.0	8.4	9.0	9.3	9.8	10.0	9.1	9.7
Transportation equipment	6.8	7.9	7.6	7.8	7.9	8.6	7.5	7.0	5.9	7.2	6.6	7.0	7.2
Instruments and related products	2.7	3.6	3.0	2.6	3.1	2.6	2.4	3.1	2.5	2.4	2.4	2.6	3.6
Other durable goods industries	15.3	17.2	16.7	16.6	14.9	15.3	15.5	17.9	17.5	18.6	19.3	17.6	16.9
Nondurable goods	55.0	50.6	52.2	50.4	53.1	51.5	53.4	50.9	51.2	48.5	49.0	47.9	46.3
Textile mill products	9.6	8.7	9.0	7.5	7.9	7.7	8.1	8.1	8.1	7.1	6.9	6.7	6.8
Apparel and other textile products	20.7	19.7	21.5	21.0	21.0	20.4	20.7	17.2	16.3	15.7	15.0	16.6	14.3
Printing and publishing	3.6	4.3	4.7	4.9	6.0	4.1	5.2	5.2	4.6	5.1	4.4	4.3	4.4
Chemicals and allied products	5.4	4.9	5.7	5.8	4.9	6.1	5.4	4.6	5.2	4.9	5.3	6.0	5.4
Other nondurable goods industries	15.6	13.0	11.6	11.3	13.3	13.2	14.0	15.9	17.0	15.7	17.4	14.3	15.3

p=preliminary.

E-4: Job vacancy rates, United States and selected areas

Areas	Job vacancy rates				Areas	Job vacancy rates			
	Total ¹		Long-term ²			Total ¹		Long-term ²	
	Apr. ^P	Mar.	Apr. ^P	Mar.		Apr. ^P	Mar.	Apr. ^P	Mar.
United States ³	0.5	0.4	0.2	0.1	Areas—Continued				
Albany—Schenectady—					Oklahoma City, Okla. ....	.6	.5	*	
Troy, N. Y. ....	.6	.5	.2	.2	Paterson—Clifton—				
Atlanta, Ga. ....	.4	.4	.1	.1	Passaic, N. J. ....	.4	.4	.1	.2
Baltimore, Md. ....	.5	.4	.1	.1	Perth Amboy, N. J. ....	.7	.7	.2	.2
Boston, Mass. ....	.8	.7	.2	.2	Philadelphia, Pa. ....	.6	.4	.2	.1
Buffalo, N. Y. ....	.3	.2	.1	.1	Phoenix, Ariz. ....	.8	.5	*	*
Cedar Rapids, Iowa. ....	.2	.1	*	*	Portland, Oreg. ....	.4	.4	.1	.1
Dallas, Tex. ....	.5	.7	.3	.3	Providence—Pawtucket—				
Denver, Colo. ....	.3	.3	.1	*	Warwick, R. I. ....	.5	.3	.1	.1
Des Moines, Iowa. ....	.4	.5	.2	.2	Richmond, Va. ....	.3	.4	.1	.1
Detroit, Mich. ....	.2	.1	*		Salt Lake City, Utah ....	.3	.3	*	.1
Greensboro—Winston-Salem—					St. Louis, Mo. ....	.2	.2	.1	*
High Point, N. C.	1.1	1.0	.2	.2	Syracuse, N. Y. ....	.3	.3	.1	.1
Houston, Tex. ....	.6	.5	.4	.2	Tampa—St. Petersburg, Fla. ..	.4	.7	.1	.3
Jersey City, N. J. ....	.2	.3	.1	.1	Wichita, Kans. ....	.2	.1	.1	.1
Kansas City, Mo. ....	.2	.2	.1	.1	Nonmanufacturing ⁴				
Little Rock—North					Wholesale and retail trade:				
Little Rock, Ark. ....	.6	.5	.2	.2	Boston, Mass. ....	.3	.3	.1	
Miami, Fla. ....	.4	.7	.1	.1	Finance, insurance and				
Milwaukee, Wis. ....	.3	.2	.1	.1	real estate:				
Minneapolis—St. Paul,					Hartford, Conn.	3.5	3.2	2.2	1.7
Minn. ....	.3	.2	.1	*	Service:				
New Orleans, La. ....	.2	.2	.1	.1	Boston, Mass.	1.2	1.2	.3	.3
Newark, N. J. ....	.4	.5	.1	.1	Government:				
New York, N. Y. ....	.4	.5	.2	.2	Atlanta, Ga.	1.3	1.3	.7	.1
					Boston, Mass. ....	.7	.7	.6	.5

¹ See footnote 1, table E-1.

² See footnote 2, table E-1.

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

⁴ Additional industry data, by area, will be published when available.

* Less than 0.05.

p=preliminary.

SOURCE: Cooperating State agencies listed on inside back cover.

UNEMPLOYMENT INSURANCE DATA

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 1971	May 1971	June 1970	Change June 1971 from ¹		June 1971	May 1971	June 1970
				May 1971	June 1970			
TOTAL ²	1,901.8	2,030.3	1,573.6	-128.5	328.2	3.6	3.8	3.0
SEASONALLY ADJUSTED	2,346.3	2,268.3	1,943.1	78.0	403.2	4.4	4.2	3.7
Alabama	20.0	21.9	20.0	-1.8	-	2.8	3.1	2.9
Alaska	4.4	5.9	3.9	-1.6	.5	7.8	10.6	7.6
Arizona	9.7	10.2	9.3	.5	.4	2.5	2.6	2.6
Arkansas	12.2	13.1	12.6	-1.0	-.4	3.0	3.3	3.2
California*	287.2	322.2	242.3	-35.1	44.9	5.4	6.1	4.6
Colorado	6.2	6.9	5.4	-.8	.7	1.2	1.4	1.1
Connecticut	68.2	67.2	35.7	1.0	32.5	6.6	6.5	3.6
Delaware	3.8	4.4	2.7	-.6	1.1	2.2	2.6	1.6
District of Columbia	6.1	6.3	4.9	-.2	1.2	1.7	1.8	1.4
Florida	35.5	35.7	26.2	-.2	9.3	2.3	2.3	1.8
Georgia	18.2	19.0	19.5	-.8	-1.2	1.6	1.7	1.8
Hawaii	8.6	9.1	4.9	-.5	3.8	3.3	3.5	2.1
Idaho	5.1	5.8	4.5	-.7	.6	3.3	3.7	3.0
Illinois	84.7	91.2	82.8	-6.4	1.9	2.6	2.8	2.6
Indiana	29.7	34.2	28.6	-4.5	1.1	2.1	2.4	2.0
Iowa	13.0	13.2	14.2	-.2	-1.2	2.2	2.3	2.5
Kansas	15.2	16.1	15.5	-.9	-.3	3.5	3.7	3.5
Kentucky	19.3	20.8	15.5	-1.6	3.8	3.1	3.3	2.5
Louisiana	27.8	30.1	27.0	-2.3	.8	3.8	4.1	3.7
Maine	11.7	13.6	7.9	-1.9	3.8	5.2	6.1	3.5
Maryland	26.1	26.7	18.9	-.6	7.2	2.7	2.8	2.0
Massachusetts	88.8	94.8	64.1	-6.0	24.6	5.0	5.4	3.8
Michigan	100.8	111.9	90.9	-11.1	9.9	4.2	4.6	3.7
Minnesota	25.0	31.1	21.4	-6.1	3.6	2.5	3.1	2.2
Mississippi	8.4	9.6	9.4	-1.2	-1.0	2.2	2.5	2.5
Missouri	37.6	40.7	39.8	-3.0	-2.2	3.1	3.4	3.3
Montana	3.7	4.3	3.2	-.6	.5	2.9	3.4	2.6
Nebraska	4.8	5.2	3.8	-.4	.9	1.5	1.7	1.3
Nevada	6.8	6.6	5.0	.2	1.8	4.2	4.1	3.4
New Hampshire	5.9	6.7	2.9	-.8	3.0	3.0	3.4	1.5
New Jersey	105.4	112.8	74.2	-7.5	31.2	5.1	5.4	3.7
New Mexico	6.8	7.6	6.7	-.9	.1	3.6	4.1	3.8
New York	241.5	240.4	184.6	1.2	57.0	4.3	4.2	3.3
North Carolina	30.7	32.1	26.4	-1.4	4.3	2.3	2.4	2.0
North Dakota	1.8	2.6	1.3	-.8	.5	2.1	3.0	1.6
Ohio	73.5	79.0	59.4	-5.4	14.2	2.5	2.7	2.0
Oklahoma	17.9	18.6	13.5	-.7	4.4	3.6	3.8	2.8
Oregon	24.0	27.4	25.3	-3.4	-1.4	4.4	5.0	4.7
Pennsylvania	122.4	119.5	89.8	3.0	32.6	3.6	3.5	2.7
Puerto Rico ^{*2}	36.7	39.0	29.7	-2.2	7.0	9.1	9.7	7.9
Rhode Island	15.0	15.5	12.7	-.5	2.4	5.4	5.6	4.5
South Carolina	17.9	17.7	14.7	.2	3.3	2.9	2.8	2.4
South Dakota	1.2	1.4	1.1	-.2	.2	1.3	1.5	1.2
Tennessee	27.3	32.4	29.0	-5.1	-1.7	2.8	3.4	3.0
Texas	42.1	46.1	32.3	-4.0	9.8	1.6	1.8	1.3
Utah	6.9	7.7	5.9	-.8	1.0	3.0	3.3	2.6
Vermont	4.9	5.8	2.9	-.8	2.0	4.8	5.6	2.9
Virginia	12.2	13.0	9.0	-.7	3.2	1.2	1.3	.9
Washington	73.5	77.5	71.2	-4.1	2.2	9.2	9.7	8.6
West Virginia	11.2	11.4	9.8	-.2	1.5	3.1	3.2	2.8
Wisconsin	33.3	37.0	30.6	-3.6	2.7	2.9	3.2	2.7
Wyoming	.9	1.2	.8	-.3	.1	1.2	1.6	1.1

¹Based on unrounded data; changes of less than .50 not shown.

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

*Excludes insured unemployment under extended duration provisions of regular State laws.

UNEMPLOYMENT INSURANCE DATA

F-2: Insured unemployment¹ in 150 major labor areas²

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

State and area	June 1971	June 1970	State and area	June 1971	June 1970	State and area	June 1971	June 1970	State and area	June 1971	June 1970
ALABAMA*			INDIANA			NEW HAMPSHIRE*			Pennsylvania--continued		
Birmingham.....	5.1	3.9	Evansville.....	1.1	1.6	Manchester.....	1.2	.6	York.....	3.1	1.
Mobile.....	2.7	2.4	Ft. Wayne.....	1.3	1.2						
			Gary-Hammond..	2.5	2.9	NEW JERSEY*			PUERTO RICO*		
			Indianapolis....	5.9	4.7	Atlantic City....	2.6	2.2	Mayaguez.....	2.1	2.1
ARIZONA			South Bend.....	2.2	2.5	Jersey City.....	15.8	12.0	Ponce.....	2.3	1.7
Phoenix.....	7.0	6.7	Terre Haute....	1.2	1.0	New Brunswick..	11.9	7.8	San Juan.....	7.5	6.0
						Paterson.....	22.8	16.9			
			IOWA			Trenton.....	2.6	2.0			
ARKANSAS			Cedar Rapids....	1.4	1.3				RHODE ISLAND*		
Little Rock.....	1.4	1.1	Des Moines.....	1.4	1.1	NEW MEXICO			Providence.....	17.3	14.
						Albuquerque....	2.8	2.9			
CALIFORNIA*			KANSAS*						SOUTH CAROLINA		
Anaheim-S. Ana-			Wichita.....	6.8	8.3	NEW YORK*			Charleston.....	2.0	1.4
Garden Grove..	19.6	15.3				Albany.....	6.4	4.0	Greenville.....	2.4	1.3
Fresno.....	5.7	4.9	KENTUCKY			Binghamton....	3.0	1.7			
Los Angeles....	129.9	109.1	Louisville.....	7.5	3.9	Buffalo.....	17.0	12.8			
Sacramento.....	9.7	8.8				New York.....	177.3	137.3			
San Bernardino..	14.0	10.1	LOUISIANA			Rochester.....	10.0	7.2	TENNESSEE		
San Diego.....	17.1	14.2	Baton Rouge....	2.2	2.1	Syracuse.....	5.9	5.0	Chatanooga....	1.9	2.4
San Francisco..	48.0	38.6	New Orleans....	8.2	7.8	Utica.....	5.1	3.4	Knoxville.....	2.8	2.3
San Jose.....	16.0	14.3	Shreveport.....	2.3	2.0				Memphis.....	5.1	4.7
Stockton.....	4.2	4.8				NORTH CAROLINA			Nashville.....	3.6	3.0
			MAINE*			Asheville.....	.8	.9			
COLORADO			Portland.....	1.1	.8	Charlotte.....	1.9	1.6	TEXAS		
Denver.....	3.9	3.3				Durham.....	.7	.5	Austin.....	.7	.5
			MARYLAND			Greensboro-			Beaumont.....	2.7	2.2
CONNECTICUT*			Baltimore.....	17.6	13.2	Winston-Salem..	3.6	3.0	Corpus Christi..	1.0	.9
Bridgeport.....	10.5	5.7						Dallas.....	6.9	5.1	
Hartford.....	15.5	5.6	MASSACHUSETTS*			OHIO			El Paso.....	1.8	1.5
New Britain.....	4.5	2.3	Boston.....	41.1	29.4	Akron.....	5.0	3.9	Ft. Worth.....	6.3	2.3
New Haven.....	8.3	4.3	Brockton.....	3.1	2.1	Canton.....	3.2	2.6	Houston.....	5.4	3.3
Stamford.....	2.8	1.3	Fall River.....	2.8	2.8	Cincinnati.....	11.7	5.5	San Antonio....	2.6	2.3
Waterbury.....	5.7	4.4	Lawrence.....	5.4	3.5	Cleveland.....	14.8	13.6			
			Lowell.....	3.9	2.8	Columbus.....	4.0	3.7	UTAH		
DELAWARE			New Bedford....	3.8	3.5	Dayton.....	8.9	3.7	Salt Lake City..	3.7	3
Wilmington.....	4.0	2.7	Springfield....	10.4	7.0	Hamilton.....	2.4	1.1			
			Worcester.....	5.2	3.3	Lorain.....	1.4	1.5	VIRGINIA		
DIST. OF COL.						Steubenville...	.6	.8	Hampton.....	.8	1.2
Washington.....	11.0	8.2	MICHIGAN*			Toledo.....	4.3	3.9	Norfolk.....	1.5	1.1
			Battle Creek....	2.7	2.0	Youngstown....	3.5	5.0	Richmond.....	1.8	.8
			Detroit.....	55.6	46.4				Roanoke.....	.5	.2
FLORIDA			Flint.....	3.0	3.5	OKLAHOMA			WASHINGTON*		
Jacksonville....	1.0	.9	Grand Rapids...	6.5	6.6	Oklahoma City..	3.5	2.2	Seattle.....	42.2	41.0
Miami.....	11.5	8.1	Kalamazoo.....	2.3	1.8	Tulsa.....	3.7	3.1	Spokane.....	4.6	4.1
Tampa.....	4.6	3.4	Lansing.....	2.6	2.8				Tacoma.....	8.1	7.0
			Muskegon.....	2.5	2.8	OREGON*					
GEORGIA			Saginaw.....	1.6	1.6	Portland.....	13.6	13.9	WEST VIRGINIA*		
Atlanta.....	5.8	5.3						Charleston....	1.5	1.1	
Augusta.....	1.8	1.6	MINNESOTA*			Allentown.....	6.4	3.4	Huntington....	2.4	1.4
Columbus.....	1.1	1.3	Duluth.....	1.5	1.3	Altoona.....	1.4	1.0	Wheeling.....	1.4	1.1
Macon.....	.9	1.6	Minneapolis....	13.9	11.2	Erie.....	2.3	1.7			
Savannah.....	1.0	.8				Hajrisburg.....	2.9	1.6	WISCONSIN		
			MISSISSIPPI			Johnstown.....	2.5	2.7	Kenosha.....	1.0	1.3
HAWAII			Jackson.....	.8	.9	Lancaster.....	2.1	.9	Madison.....	1.5	1.1
Honolulu.....	7.7	3.5				Philadelphia...	57.7	39.6	Milwaukee.....	13.7	11.0
			MISSOURI			Pittsburgh.....	21.7	16.1	Racine.....	1.8	1.6
ILLINOIS*			Kansas City....	9.0	9.6	Reading.....	3.0	2.4			
Chicago.....	54.7	54.1	St. Louis.....	24.2	23.0	Scranton.....	5.4	3.9			
Davenport.....	4.2	2.2				Wilkes-Barre...	8.1	5.9			
Peoria.....	2.7	1.5	NEBRASKA								
Rockford.....	2.8	2.8	Omaha.....	2.4	1.8						

¹Insured jobless under State, Federal Employee, and Ex-Servicemen's unemployment insurance programs.

²For full name of labor area, see Area Trends in Employment and Unemployment published by the Manpower Administration.

*Excludes insured unemployed under extended duration provisions of regular State laws.

QUARTERLY AVERAGES

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**HOUSEHOLD DATA
SEASONALLY ADJUSTED
QUARTERLY AVERAGES**

1: Employment status of the noninstitutional population by sex and age, seasonally adjusted

(In thousands)

Employment status, sex, and age	1971		1970				1969				1968		
	2nd	1st	4th	3rd	2nd	1st	4th	3rd	2nd	1st	4th	3rd	2nd
Total													
Total labor force	86,547	86,537	86,504	85,951	85,757	85,670	85,019	84,573	83,879	83,529	82,671	82,427	82,251
Civilian labor force	83,698	83,585	83,460	82,819	82,531	82,322	81,532	81,042	80,358	80,044	79,131	78,838	78,715
Employed	78,701	78,626	78,568	78,521	78,595	78,898	78,575	78,113	77,578	77,361	76,420	76,046	75,905
Agriculture	3,437	3,380	3,351	3,460	3,558	3,485	3,445	3,566	3,684	3,754	3,713	3,756	3,851
Nonagricultural industries	75,264	75,246	75,217	75,061	75,037	75,413	75,130	74,547	73,894	73,607	72,707	72,290	72,054
On part time for economic reasons	2,391	2,466	2,452	2,214	2,230	1,905	1,899	1,875	1,744	1,704	1,712	1,735	1,715
Usually work full time	1,173	1,282	1,326	1,182	1,253	1,065	1,036	983	913	889	897	943	903
Usually work part time	1,219	1,184	1,126	1,032	977	840	863	892	831	815	815	792	812
Unemployed	4,997	4,960	4,892	4,298	3,936	3,424	2,957	2,929	2,780	2,683	2,711	2,792	2,810
Men, 20 years and over													
Total labor force	50,283	49,960	50,159	50,014	49,966	49,782	49,595	49,516	49,293	49,236	49,023	48,994	48,764
Civilian labor force	47,795	47,382	47,514	47,296	47,173	46,902	46,591	46,460	46,198	46,171	45,949	45,893	45,804
Employed	45,709	45,358	45,476	45,503	45,606	45,622	45,537	45,441	45,279	45,279	45,019	44,910	44,816
Agriculture	2,454	2,407	2,458	2,541	2,594	2,508	2,523	2,635	2,675	2,713	2,740	2,780	2,833
Nonagricultural industries	43,255	42,951	43,018	42,962	43,012	43,114	43,014	42,806	42,604	42,566	42,279	42,130	41,983
Unemployed	2,086	2,024	2,038	1,793	1,567	1,280	1,054	1,019	919	892	930	983	988
Women, 20 years and over													
Civilian labor force	28,487	28,698	28,581	28,353	28,110	28,118	27,770	27,600	27,231	27,085	26,605	26,310	26,227
Employed	26,822	27,067	27,013	26,957	26,813	26,968	26,743	26,559	26,216	26,109	25,641	25,333	25,257
Agriculture	544	545	521	535	566	585	563	563	610	658	619	581	607
Nonagricultural industries	26,278	26,522	26,492	26,422	26,247	26,383	26,180	25,996	25,606	25,451	25,022	24,752	24,650
Unemployed	1,665	1,631	1,568	1,396	1,297	1,150	1,027	1,041	1,015	976	964	977	970
Both sexes, 16-19 years													
Civilian labor force	7,416	7,506	7,365	7,170	7,248	7,302	7,171	6,982	6,929	6,788	6,577	6,635	6,684
Employed	6,170	6,201	6,079	6,061	6,176	6,308	6,295	6,113	6,083	5,973	5,760	5,803	5,832
Agriculture	438	428	372	384	398	392	359	368	399	383	354	395	411
Nonagricultural industries	5,731	5,773	5,707	5,677	5,778	5,916	5,936	5,745	5,684	5,590	5,406	5,408	5,421
Unemployed	1,246	1,305	1,286	1,109	1,072	994	876	869	846	815	817	832	852

NOTE: Because of the independent seasonal adjustment of the various series, detail for the household data shown in tables A-29 through A-37 will not necessarily add to totals.

**HOUSEHOLD DATA
SEASONALLY ADJUSTED
QUARTERLY AVERAGES**

2: 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	1971		1970				1969				1968		
	2nd	1st	4th	3rd	2nd	1st	4th	3rd	2nd	1st	4th	3rd	2nd
Full time													
Total 16 years and over:													
Civilian labor force	71,819	71,563	71,770	71,221	70,861	70,580	70,149	70,060	69,349	69,165	68,419	68,416	68,274
Employed ¹	67,872	67,647	67,836	67,846	67,749	67,956	67,928	67,850	67,230	67,107	66,405	66,286	66,181
Unemployed	3,947	3,915	3,934	3,375	3,112	2,624	2,221	2,210	2,119	2,058	2,014	2,130	2,093
Unemployment rate	5.5	5.5	5.5	4.7	4.4	3.7	3.2	3.2	3.1	3.0	2.9	3.1	3.1
Men, 20 years and over:													
Civilian labor force	45,475	45,080	45,246	45,042	44,939	44,667	44,450	44,341	44,087	44,127	43,903	43,954	43,837
Employed ¹	43,561	43,230	43,360	43,396	43,506	43,500	43,505	43,443	43,253	43,326	43,072	43,061	42,952
Unemployed	1,913	1,850	1,886	1,646	1,433	1,167	945	898	834	801	831	893	885
Unemployment rate	4.2	4.1	4.2	3.7	3.2	2.6	2.1	2.0	1.9	1.8	1.9	2.0	2.0
Women, 20 years and over:													
Civilian labor force	22,406	22,507	22,502	22,306	22,021	22,037	21,855	21,873	21,556	21,388	21,007	20,797	20,715
Employed ¹	21,064	21,204	21,231	21,200	20,963	21,140	21,081	21,043	20,741	20,609	20,260	20,036	19,977
Unemployed	1,342	1,303	1,271	1,106	1,058	897	774	830	815	779	747	761	738
Unemployment rate	6.0	5.8	5.6	5.0	4.8	4.1	3.5	3.8	3.8	3.6	3.6	3.7	3.6
Both sexes, 16-19 years:													
Civilian labor force	3,938	3,974	4,022	3,873	3,901	3,876	3,844	3,846	3,706	3,650	3,509	3,665	3,722
Employed ¹	3,247	3,212	3,245	3,250	3,280	3,316	3,342	3,364	3,236	3,172	3,073	3,189	3,252
Unemployed	691	762	777	623	621	560	502	482	470	478	436	476	470
Unemployment rate	17.5	19.2	19.3	16.1	15.9	14.4	13.1	12.5	12.7	13.1	12.4	13.0	12.6
Part time													
Total 16 years and over:													
Civilian labor force	11,865	12,043	11,680	11,723	11,618	11,758	11,345	10,963	10,908	10,874	10,642	10,463	10,379
Employed ¹	10,828	10,974	10,694	10,794	10,812	10,950	10,617	10,239	10,254	10,228	9,963	9,799	9,660
Unemployed	1,037	1,069	986	929	806	808	724	724	654	646	679	664	719
Unemployment rate	8.7	8.9	8.4	7.9	6.9	6.9	6.4	6.6	6.0	5.9	6.4	6.3	6.9
Men, 20 years and over:													
Civilian labor force	2,303	2,333	2,277	2,264	2,225	2,262	2,143	2,115	2,086	2,068	2,027	1,939	1,952
Employed ¹	2,143	2,155	2,117	2,116	2,101	2,145	2,036	1,995	2,004	1,974	1,931	1,848	1,854
Unemployed	161	178	160	148	124	117	107	120	82	94	96	91	98
Unemployment rate	7.0	7.6	7.0	6.5	5.6	5.2	5.0	5.7	3.9	4.5	4.7	4.7	5.0
Women, 20 years and over:													
Civilian labor force	6,050	6,230	6,057	6,058	6,057	6,108	5,893	5,713	5,652	5,689	5,578	5,514	5,488
Employed ¹	5,713	5,905	5,769	5,764	5,807	5,858	5,652	5,500	5,447	5,494	5,370	5,294	5,245
Unemployed	337	325	288	294	250	250	241	213	205	195	208	220	243
Unemployment rate	5.6	5.2	4.8	4.9	4.1	4.1	4.1	3.7	3.6	3.4	3.7	4.0	4.4
Both sexes, 16-19 years:													
Civilian labor force	3,512	3,480	3,346	3,401	3,336	3,388	3,309	3,135	3,170	3,117	3,037	3,010	2,939
Employed ¹	2,972	2,914	2,808	2,914	2,904	2,947	2,929	2,744	2,803	2,760	2,662	2,657	2,561
Unemployed	540	566	538	487	432	441	380	391	367	357	375	353	378
Unemployment rate	15.4	16.3	16.1	14.3	12.9	13.0	11.5	12.5	11.6	11.5	12.3	11.7	12.9

¹Persons 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**

3: Employment status by color, sex, and age, seasonally adjusted
(In thousands)

Characteristics	1971		1970				1969				1968		
	2nd	1st	4th	3rd	2nd	1st	4th	3rd	2nd	1st	4th	3rd	2nd
White													
Total:													
Civilian labor force.....	74,380	74,396	74,294	73,543	73,279	73,213	72,494	71,978	71,464	71,232	70,402	70,055	69,872
Employed.....	70,298	70,304	70,262	70,015	70,097	70,420	70,105	69,629	69,270	69,083	68,270	67,828	67,645
Unemployed.....	4,082	4,092	4,032	3,528	3,182	2,793	2,389	2,349	2,194	2,149	2,132	2,227	2,227
Unemployment rate.....	5.5	5.5	5.4	4.8	4.3	3.8	3.3	3.3	3.1	3.0	3.0	3.2	3.2
Males, 20 years and over:													
Civilian labor force.....	43,046	42,671	42,752	42,517	42,473	42,234	41,968	41,865	41,634	41,651	41,436	41,368	41,244
Employed.....	41,268	40,955	41,062	41,013	41,158	41,152	41,105	41,023	40,871	40,913	40,691	40,553	40,419
Unemployed.....	1,778	1,716	1,690	1,504	1,315	1,082	863	842	763	738	745	815	825
Unemployment rate.....	4.1	4.0	4.0	3.5	3.1	2.6	2.1	2.0	1.8	1.8	1.8	2.0	2.0
Females, 20 years and over:													
Civilian labor force.....	24,718	24,996	24,937	24,650	24,401	24,492	24,149	23,951	23,696	23,560	23,122	22,845	22,753
Employed.....	23,403	23,680	23,637	23,504	23,370	23,563	23,312	23,128	22,906	22,787	22,365	22,073	22,002
Unemployed.....	1,315	1,316	1,300	1,146	1,031	929	837	823	790	773	757	772	751
Unemployment rate.....	5.3	5.3	5.2	4.6	4.2	3.8	3.5	3.4	3.3	3.3	3.3	3.4	3.3
Both sexes, 16 to 19 years:													
Civilian labor force.....	6,617	6,729	6,605	6,376	6,405	6,487	6,377	6,162	6,134	6,021	5,844	5,842	5,875
Employed.....	5,628	5,670	5,563	5,498	5,569	5,705	5,688	5,478	5,493	5,383	5,214	5,202	5,224
Unemployed.....	989	1,060	1,042	878	836	782	689	684	641	638	630	640	651
Unemployment rate.....	14.9	15.7	15.8	13.8	13.1	12.1	10.8	11.1	10.4	10.6	10.8	11.0	11.0
Negro and other races													
Total:													
Civilian labor force.....	9,263	9,282	9,179	9,221	9,221	9,195	9,065	8,985	8,865	8,897	8,742	8,706	8,826
Employed.....	8,342	8,404	8,330	8,439	8,464	8,560	8,498	8,402	8,284	8,384	8,161	8,140	8,243
Unemployed.....	921	880	849	782	757	635	567	583	581	549	581	566	583
Unemployment rate.....	9.9	9.5	9.2	8.5	8.2	6.9	6.3	6.5	6.6	6.2	6.6	6.5	6.6
Males, 20 years and over:													
Civilian labor force.....	4,747	4,746	4,753	4,771	4,702	4,694	4,629	4,588	4,550	4,551	4,515	4,513	4,564
Employed.....	4,423	4,426	4,432	4,481	4,437	4,489	4,450	4,412	4,387	4,392	4,337	4,346	4,393
Unemployed.....	324	320	321	290	265	205	179	176	163	159	178	167	171
Unemployment rate.....	6.8	6.7	6.8	6.1	5.6	4.4	3.9	3.8	3.6	3.5	3.9	3.7	3.7
Females, 20 years and over:													
Civilian labor force.....	3,743	3,754	3,639	3,663	3,691	3,667	3,613	3,601	3,535	3,542	3,468	3,420	3,466
Employed.....	3,395	3,442	3,369	3,405	3,428	3,448	3,423	3,379	3,315	3,340	3,261	3,212	3,251
Unemployed.....	348	312	270	258	263	219	190	222	220	202	207	208	215
Unemployment rate.....	9.3	8.3	7.4	7.0	7.1	6.0	5.3	6.2	6.2	5.7	6.0	6.1	6.2
Both sexes, 16 to 19 years:													
Civilian labor force.....	773	782	787	787	828	834	823	796	780	804	759	773	796
Employed.....	524	534	529	553	599	623	625	611	582	616	563	582	599
Unemployed.....	249	249	258	234	229	211	198	185	198	188	196	191	197
Unemployment rate.....	32.2	31.8	32.8	29.7	27.7	25.3	24.1	23.2	25.4	23.4	25.8	24.7	24.7

4: Unemployed persons by duration of unemployment, seasonally adjusted
(In thousands)

Duration of unemployment	1971		1970				1969				1968		
	2nd	1st	4th	3rd	2nd	1st	4th	3rd	2nd	1st	4th	3rd	2nd
Less than 5 weeks.....	2,197	2,197	2,387	2,189	2,122	1,900	1,677	1,681	1,649	1,523	1,539	1,616	1,605
5 to 14 weeks.....	1,551	1,623	1,620	1,377	1,192	1,029	896	887	732	794	810	803	798
15 weeks and over.....	1,149	1,085	906	736	610	479	389	387	383	384	359	404	402
15 to 26 weeks.....	624	644	600	480	380	317	258	238	250	228	225	252	248
27 weeks and over.....	525	441	306	256	230	162	131	149	133	120	134	152	154
Average (mean) duration.....	11.7	10.5	9.2	8.9	8.8	8.2	7.8	7.9	8.1	8.0	8.2	8.3	8.5

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5: Major unemployment indicators, seasonally adjusted

(Unemployment rates)

Selected categories	1971		1970				1969				1968		
	2nd	1st	4th	3rd	2nd	1st	4th	3rd	2nd	1st	4th	3rd	2nd
Total (all civilian workers)	6.0	5.9	5.9	5.2	4.8	4.2	3.6	3.6	3.5	3.4	3.4	3.5	3.6
Men, 20 years and over	4.4	4.3	4.3	3.8	3.3	2.7	2.3	2.2	2.0	1.9	2.0	2.1	2.2
Women, 20 years and over	5.8	5.7	5.5	4.9	4.6	4.1	3.7	3.8	3.7	3.6	3.6	3.7	3.7
Both sexes, 16-19 years	16.8	17.4	17.5	15.5	14.8	13.6	12.2	12.4	12.2	12.0	12.4	12.5	12.7
White	5.5	5.5	5.4	4.8	4.3	3.8	3.3	3.3	3.1	3.0	3.0	3.2	3.2
Negro and other races	9.9	9.5	9.2	8.5	8.2	6.9	6.3	6.5	6.6	6.2	6.6	6.5	6.6
Married men	3.2	3.2	3.2	2.8	2.4	2.0	1.6	1.6	1.5	1.4	1.5	1.6	1.6
Full-time workers	5.5	5.5	5.5	4.7	4.4	3.7	3.2	3.2	3.1	3.0	2.9	3.1	3.1
Part-time workers	8.7	8.9	8.4	7.9	6.9	6.9	6.4	6.6	6.0	5.9	6.4	6.3	6.9
Unemployed 15 weeks and over ¹	1.4	1.3	1.1	.9	.7	.6	.5	.5	.5	.4	.5	.5	.5
State insured ²	4.2	3.8	4.4	3.8	3.4	2.6	2.4	2.1	2.0	2.1	2.1	2.2	2.2
Labor force time lost ³	6.3	6.4	6.3	5.6	5.1	4.5	4.1	4.1	3.8	3.7	3.8	3.9	3.9
Occupation													
White-collar workers	3.5	3.6	3.5	2.9	2.8	2.4	2.2	2.2	2.0	2.0	1.9	2.0	2.0
Professional and technical	2.9	3.2	2.5	2.0	1.9	1.8	1.5	1.4	1.3	1.1	1.2	1.3	1.1
Managers, officials, and proprietors	1.6	1.6	1.6	1.5	1.3	1.0	1.0	.9	.9	1.0	1.0	1.0	.9
Clerical workers	4.9	4.8	4.9	4.1	4.0	3.3	3.1	3.2	2.8	2.9	2.8	2.9	3.0
Sales workers	4.7	4.2	4.7	3.9	3.9	3.2	2.8	3.0	2.9	2.9	2.9	2.6	2.6
Blue-collar workers	7.3	7.5	7.5	6.9	6.0	5.0	4.3	3.9	3.8	3.7	3.9	4.1	3.9
Craftsmen and foremen	4.1	4.8	4.5	4.7	3.8	2.7	2.3	2.2	2.1	2.2	2.2	2.4	2.3
Operatives	8.5	8.5	8.7	7.5	6.6	5.7	5.0	4.4	4.3	4.1	4.3	4.5	4.3
Nonfarm laborers	11.0	10.7	10.8	10.3	9.3	7.9	7.1	7.0	6.4	6.5	6.8	7.3	6.9
Service workers	6.3	6.1	6.0	5.5	5.0	4.7	4.0	4.5	4.4	4.0	4.3	4.4	4.6
Farm workers	2.0	2.9	3.0	3.0	2.5	2.1	2.0	2.1	1.9	1.6	1.8	2.4	2.4
Industry													
Private wage and salary workers ⁴	6.3	6.3	6.3	5.6	5.0	4.3	3.7	3.6	3.5	3.4	3.5	3.6	3.6
Construction	10.4	11.0	10.9	11.7	10.3	7.8	6.4	6.5	5.6	5.8	6.2	6.2	6.7
Manufacturing	6.8	7.0	7.2	5.9	5.1	4.4	3.7	3.2	3.2	3.1	3.1	3.3	3.2
Durable goods	7.2	7.2	7.8	5.9	5.0	4.4	3.6	2.9	3.0	2.7	2.9	3.0	2.8
Nondurable goods	6.2	6.6	6.4	5.9	5.2	4.3	4.0	3.7	3.4	3.7	3.4	3.7	3.8
Transportation and public utilities	3.9	4.0	3.7	3.2	3.3	2.8	2.5	2.0	2.1	2.0	2.0	2.4	1.6
Wholesale and retail trade	6.7	6.3	6.2	5.5	5.3	4.6	4.1	4.3	4.1	3.9	4.0	3.9	4.0
Finance and service industries	5.0	5.0	4.8	4.6	4.0	3.4	3.1	3.4	3.3	3.1	3.2	3.4	3.5
Government wage and salary workers	2.8	2.8	2.8	2.1	2.1	2.1	2.1	1.9	1.7	1.7	1.7	1.9	1.8
Agricultural wage and salary workers	6.5	8.3	9.0	8.3	7.0	6.4	6.2	6.9	5.6	5.5	5.5	7.1	6.8

¹Unemployment rate calculated as a percent of civilian labor force.

²Insured unemployment under State programs as a percent of average covered employment.

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

⁴Includes mining, not shown separately.

**HOUSEHOLD DATA
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6: Rates of unemployment by sex and age, seasonally adjusted

Sex and age	1971		1970				1969				1968		
	2nd	1st	4th	3rd	2nd	1st	4th	3rd	2nd	1st	4th	3rd	2nd
Total, 16 years and over....	6.0	5.9	5.9	5.2	4.8	4.2	3.6	3.6	3.5	3.4	3.4	3.5	3.6
16 to 19 years	16.8	17.4	17.5	15.5	14.8	13.6	12.2	12.4	12.2	12.0	12.4	12.5	12.7
16 and 17 years	18.5	18.9	19.4	17.3	16.5	16.3	14.9	15.4	13.8	13.7	14.4	14.2	14.5
18 and 19 years	15.5	16.4	16.1	14.2	13.4	11.8	10.1	10.3	10.9	11.0	10.9	11.3	11.3
20 to 24 years	10.5	9.7	9.8	8.7	7.8	6.7	6.0	5.8	5.5	5.4	5.8	5.7	5.8
25 years and over	3.9	4.1	3.9	3.5	3.2	2.7	2.3	2.3	2.2	2.1	2.2	2.3	2.2
25 to 54 years	4.1	4.1	4.2	3.6	3.2	2.8	2.4	2.4	2.3	2.2	2.2	2.3	2.3
55 years and over	3.5	3.5	3.3	2.9	2.9	2.4	2.1	2.1	1.9	1.9	2.1	2.1	2.1
Males, 16 years and over.....	5.3	5.3	5.3	4.7	4.2	3.5	3.0	2.9	2.7	2.7	2.7	2.8	2.9
16 to 19 years	16.6	16.9	16.9	15.5	14.9	12.7	11.5	11.6	11.0	11.4	11.5	11.1	11.5
16 and 17 years	17.9	18.5	19.2	17.3	16.5	15.0	13.9	14.9	13.1	13.2	13.9	13.2	14.2
18 and 19 years	15.6	15.7	15.0	14.1	13.5	10.9	9.4	9.0	9.1	9.9	9.5	9.4	9.0
20 to 24 years	10.3	10.0	10.7	9.3	7.6	6.5	5.7	5.3	4.8	4.8	4.9	5.0	5.2
25 years and over	3.5	3.5	3.4	3.0	2.7	2.2	1.8	1.8	1.6	1.6	1.7	1.8	1.8
25 to 54 years	3.5	3.4	3.5	3.0	2.7	2.2	1.8	1.7	1.6	1.5	1.6	1.7	1.7
55 years and over	3.5	3.7	3.4	3.0	2.9	2.4	2.1	2.0	1.7	1.8	1.9	2.0	2.1
Females, 16 years and over.....	7.0	7.0	6.8	6.0	5.7	5.2	4.7	4.8	4.7	4.5	4.6	4.8	4.8
16 to 19 years	17.0	17.9	18.1	15.5	14.7	14.7	13.0	13.5	13.7	12.8	13.6	14.4	14.3
16 and 17 years	19.2	19.3	19.6	17.3	16.4	17.9	16.3	16.2	14.9	14.6	15.2	15.8	15.1
18 and 19 years	15.4	17.3	17.3	14.2	13.4	12.9	10.8	11.7	12.9	12.3	12.6	13.4	13.7
20 to 24 years	10.7	9.4	8.8	8.1	8.0	7.0	6.4	6.4	6.3	6.0	6.8	6.5	6.5
25 years and over	4.8	4.9	4.8	4.3	3.9	3.5	3.2	3.3	3.2	3.1	3.0	3.2	3.1
25 to 54 years	5.2	5.4	5.4	4.7	4.2	3.8	3.5	3.5	3.5	3.4	3.2	3.5	3.4
55 years and over	3.6	3.2	3.0	2.9	3.0	2.3	2.1	2.3	2.2	2.1	2.4	2.2	2.1

7: Unemployed persons by reason for unemployment, seasonally adjusted

(Numbers in thousands)

Reason for unemployment	1971		1970				1969				1968		
	2nd	1st	4th	3rd	2nd	1st	4th	3rd	2nd	1st	4th	3rd	2nd
Number of unemployed													
Lost last job	2,310	2,251	2,376	1,966	1,740	1,365	1,104	1,006	1,001	973	997	1,054	1,005
Left last job	567	630	604	568	551	475	439	450	422	428	415	425	427
Reentered labor force	1,442	1,443	1,361	1,296	1,147	1,126	1,008	1,011	927	922	899	905	934
Never worked before	656	637	585	486	494	481	405	430	409	405	418	390	414
Percent distribution													
Total unemployed	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Lost last job	46.4	45.4	48.2	45.6	44.3	39.6	37.3	34.7	36.3	35.7	36.5	38.0	36.2
Left last job	11.4	12.7	12.3	13.2	14.0	13.8	14.9	15.5	15.3	15.7	15.2	15.3	15.4
Reentered labor force	29.0	29.1	27.6	30.0	29.2	32.7	34.1	34.9	33.6	33.8	32.9	32.6	33.6
Never worked before	13.2	12.8	11.9	11.3	12.6	14.0	13.7	14.8	14.8	14.8	15.3	14.1	14.9
Unemployed as a percent of the civilian labor force													
Lost last job	2.8	2.7	2.8	2.4	2.1	1.7	1.4	1.2	1.2	1.2	1.3	1.3	1.3
Left last job .....	.7	.8	.7	.7	.7	.6	.5	.6	.5	.5	.5	.5	.5
Reentered labor force	1.7	1.7	1.6	1.6	1.4	1.4	1.2	1.2	1.2	1.2	1.1	1.1	1.2
Never worked before .....	.8	.8	.7	.6	.6	.6	.5	.5	.5	.5	.5	.5	.5

NOTE: Seasonally adjusted data for unemployed persons who never worked before have been changed as a result of a revision in the seasonal adjustment procedures affecting this series.

**HOUSEHOLD DATA
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8: Employed persons by sex and age, seasonally adjusted

(In thousands)

Sex and age	1971		1970				1969				1968		
	2nd	1st	4th	3rd	2nd	1st	4th	3rd	2nd	1st	4th	3rd	2nd
Total													
16 years and over	78,701	78,626	78,568	78,521	78,595	78,898	78,575	78,113	77,578	77,361	76,420	76,046	75,905
16 to 19 years	6,170	6,201	6,079	6,061	6,176	6,308	6,295	6,113	6,083	5,973	5,760	5,803	5,832
16 and 17 years	2,557	2,673	2,538	2,561	2,612	2,714	2,670	2,544	2,571	2,522	2,389	2,407	2,438
18 and 19 years	3,607	3,543	3,549	3,481	3,561	3,626	3,640	3,543	3,512	3,477	3,387	3,376	3,392
20 to 24 years	9,983	9,853	9,893	9,781	9,613	9,590	9,470	9,406	9,268	9,127	8,912	8,807	8,672
25 years and over	62,552	62,581	62,594	62,675	62,808	63,001	62,801	62,593	62,240	62,251	61,745	61,442	61,407
25 to 54 years	48,593	48,593	48,535	48,613	48,733	48,853	48,692	48,453	48,171	48,251	47,782	47,571	47,580
55 years and over	13,924	14,079	14,044	14,020	14,055	14,227	14,094	14,100	14,048	14,056	13,927	13,840	13,815
Male													
16 years and over	49,141	48,809	48,901	48,837	48,994	49,143	49,031	48,854	48,694	48,690	48,321	48,197	48,081
16 to 19 years	3,432	3,451	3,425	3,334	3,388	3,521	3,494	3,413	3,415	3,411	3,302	3,287	3,265
16 and 17 years	1,492	1,538	1,488	1,480	1,504	1,560	1,563	1,514	1,522	1,524	1,452	1,452	1,466
18 and 19 years	1,941	1,920	1,948	1,839	1,887	1,973	1,947	1,880	1,897	1,903	1,863	1,823	1,800
20 to 24 years	5,515	5,364	5,347	5,256	5,188	5,127	5,086	5,062	5,005	4,885	4,858	4,803	4,764
25 years and over	40,193	39,997	40,130	40,249	40,417	40,490	40,446	40,396	40,269	40,394	40,162	40,136	40,050
25 to 54 years	31,243	31,104	31,234	31,282	31,344	31,360	31,386	31,321	31,242	31,345	31,142	31,077	31,055
55 years and over	8,930	8,921	8,913	8,955	9,059	9,159	9,078	9,052	9,011	9,074	9,014	9,035	8,993
Female													
16 years and over	29,560	29,817	29,667	29,684	29,601	29,755	29,544	29,259	28,884	28,671	28,099	27,849	27,824
16 to 19 years	2,738	2,750	2,654	2,727	2,788	2,787	2,801	2,700	2,668	2,562	2,458	2,516	2,567
16 and 17 years	1,065	1,135	1,050	1,981	1,108	1,154	1,107	1,030	1,049	998	937	955	972
18 and 19 years	1,666	1,623	1,601	1,642	1,674	1,653	1,693	1,663	1,615	1,574	1,524	1,553	1,592
20 to 24 years	4,468	4,489	4,546	4,525	4,425	4,463	4,384	4,344	4,263	4,242	4,054	4,004	3,908
25 years and over	22,359	22,584	22,464	22,426	22,391	22,511	22,355	22,197	21,971	21,857	21,583	21,306	21,357
25 to 54 years	17,350	17,489	17,301	17,301	17,389	17,493	17,306	17,132	16,929	16,906	16,640	16,494	16,525
55 years and over	4,994	5,158	5,131	5,065	4,996	5,068	5,016	5,048	5,037	4,982	4,913	4,805	4,822

9: Employed persons by major occupation group, seasonally adjusted

(In thousands)

Occupation group	1971		1970				1969				1968		
	2nd	1st	4th	3rd	2nd	1st	4th	3rd	2nd	1st	4th	3rd	2nd
White-collar workers	37,976	37,905	38,126	37,993	37,979	37,905	37,494	36,971	36,672	36,236	35,902	35,763	35,423
Professional and technical	11,080	10,840	11,153	11,253	11,139	11,026	10,929	10,761	10,746	10,641	10,465	10,389	10,301
Managers, officials, and proprietors	8,625	8,655	8,378	8,267	8,281	8,229	8,119	7,989	7,990	7,846	7,884	7,840	7,663
Clerical workers	13,250	13,329	13,661	13,604	13,743	13,855	13,669	13,514	13,273	13,132	12,893	12,845	12,812
Sales workers	5,021	5,081	4,934	4,869	4,816	4,795	4,777	4,707	4,663	4,617	4,660	4,689	4,647
Blue-collar workers	27,005	27,072	27,625	27,642	27,733	28,186	28,370	28,420	27,979	28,176	27,747	27,494	27,552
Craftsmen and foremen	10,109	10,107	10,172	10,111	10,125	10,228	10,245	10,190	10,050	10,287	10,130	9,985	10,009
Operatives	12,937	12,890	13,742	13,793	13,938	14,168	14,407	14,570	14,241	14,264	14,041	13,902	13,979
Nonfarm laborers	3,959	4,075	3,711	3,738	3,670	3,790	3,718	3,660	3,688	3,625	3,576	3,607	3,564
Service workers	10,604	10,684	9,787	9,791	9,619	9,652	9,582	9,489	9,488	9,544	9,413	9,385	9,406
Farmers and farm laborers	3,045	2,987	3,022	3,118	3,209	3,138	3,114	3,235	3,397	3,429	3,370	3,403	3,488

NOTE: Comparisons with data prior to January 1971 are affected by the reclassification of census occupations that was introduced in that month. For an explanation of the changes, see "Revisions in Occupational Classifications for 1971" in the February 1971 issue of Employment and Earnings.

HOUSEHOLD DATA QUARTERLY AVERAGES

Table 1. Labor force status of civilian noninstitutional population by age, sex, and reasons for nonparticipation
2nd Quarter 1971

Labor force status and reasons for nonparticipation	Total	Age in years							
		16-19	20-24	25-34	35-44	45-54	55-59	60-64	65 and over
Total									
Civilian noninstitutional population (in thousands) . . .	139,436	14,948	16,217	24,997	22,263	23,225	10,021	8,462	19,302
Percent distribution	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
In civilian labor force	60.0	49.5	68.6	69.4	72.9	73.3	67.6	54.3	16.6
Not in labor force	40.0	50.5	31.4	30.6	27.1	26.7	32.4	45.7	83.4
In school	5.6	38.7	9.9	1.3	.4	.2	.1	(1)	.1
Ill health, disability	3.4	.4	1.0	1.3	2.0	3.2	5.3	8.3	8.9
Home responsibilities	24.1	4.9	17.3	26.1	23.1	21.0	23.5	29.2	44.8
Retirement, old age	4.3	--	--	--	(1)	.1	.7	6.2	27.7
Think cannot get job . . . . .	.5	.7	.6	.5	.4	.4	.4	.5	.5
All other reasons	2.1	5.8	2.7	1.3	1.3	1.8	2.4	1.5	1.5
Male									
Civilian noninstitutional population (in thousands)	65,558	7,395	7,428	12,049	10,702	11,127	4,754	3,927	8,177
Percent distribution	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
In civilian labor force	79.4	57.0	83.0	95.8	96.4	94.2	89.2	74.8	26.3
Not in labor force	20.6	43.0	17.0	4.2	3.6	5.8	10.8	25.2	73.7
In school	6.0	36.8	12.8	1.7	.2	.1	(1)	--	--
Ill health, disability	3.7	.3	.9	1.1	2.1	3.2	5.8	11.2	10.7
Home responsibilities . . . . .	.5	.2	.1	.1	.1	.3	.4	.8	2.0
Retirement, old age	8.0	--	--	--	(1)	.1	1.5	11.1	57.5
Think cannot get job . . . . .	.3	.6	.4	.2	.1	.1	.2	.4	.6
All other reasons	2.3	5.1	2.8	1.1	.9	1.9	2.8	1.8	2.9
Female									
Civilian noninstitutional population (in thousands)	73,877	7,553	8,789	12,949	11,561	12,098	5,267	4,534	11,126
Percent distribution	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
In civilian labor force	42.8	42.3	56.4	44.8	51.1	54.0	48.0	36.6	9.4
Not in labor force	57.2	57.7	43.6	55.2	48.9	46.0	52.0	63.4	90.6
In school	5.4	40.5	7.5	1.0	.5	.3	.1	(1)	.1
Ill health, disability	3.1	.4	1.0	1.6	2.0	3.1	4.8	5.8	7.5
Home responsibilities	45.0	9.5	31.8	50.4	44.3	40.2	44.3	53.7	76.2
Retirement, old age	1.0	--	--	--	--	.1	(1)	2.0	5.9
Think cannot get job . . . . .	.7	.9	.7	.8	.6	.6	.6	.6	.5
All other reasons	2.0	6.5	2.5	1.5	1.6	1.8	2.1	1.2	.4

¹ Less than 0.05 percent.

HOUSEHOLD DATA

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Table 2. 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 1971	2nd 1970	2nd 1971	2nd 1970	2nd 1971	2nd 1970	2nd 1971	2nd 1970	2nd 1971	2nd 1970
Thousands of persons										
Total	55,765	54,062	7,541	7,182	5,100	4,758	23,154	22,693	19,970	19,430
In school	7,867	7,275	5,778	5,445	1,612	1,469	464	346	14	14
Ill health, disability	4,689	4,312	56	67	161	155	2,057	1,901	2,415	2,189
Home responsibilities	33,553	33,357	731	792	2,805	2,668	18,908	18,939	11,108	10,958
Retirement, old age	5,981	5,827	--	--	--	--	102	67	5,879	5,759
Think cannot get job	685	580	111	92	91	68	341	287	143	132
All other reasons	2,989	2,712	866	786	430	398	1,282	1,152	410	376
Male	13,510	12,748	3,184	3,011	1,266	1,127	2,049	1,843	7,012	6,767
In school	3,909	3,645	2,721	2,576	948	860	240	208	--	--
Ill health, disability	2,404	2,223	25	36	69	47	995	949	1,313	1,191
Home responsibilities	297	184	17	9	10	2	73	38	196	134
Retirement, old age	5,224	5,140	--	--	--	--	94	65	5,131	5,075
Think cannot get job	200	202	43	49	31	29	62	73	63	50
All other reasons	1,477	1,353	377	339	208	191	583	508	309	316
Female	42,254	41,314	4,357	4,170	3,834	3,631	21,105	20,850	12,958	12,663
In school	3,958	3,630	3,056	2,869	663	611	225	137	14	14
Ill health, disability	2,286	2,089	30	31	92	108	1,062	951	1,101	998
Home responsibilities	33,257	33,173	714	782	2,796	2,666	18,834	18,899	10,913	10,824
Retirement, old age	757	686	--	--	--	--	9	2	748	684
Think cannot get job	486	378	68	42	59	40	279	216	80	81
All other reasons	1,512	1,358	490	447	222	207	700	644	101	61
Percent distribution										
Total	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
In school	14.1	13.5	76.6	75.8	31.6	30.9	2.0	1.5	.1	--
Ill health, disability	8.4	8.0	.7	.9	3.2	3.3	8.9	8.4	12.1	11.3
Home responsibilities	60.2	61.7	9.7	11.0	55.0	56.1	81.7	83.5	55.6	56.4
Retirement, old age	10.7	10.8	--	--	--	--	.4	.3	29.4	29.6
Think cannot get job	1.2	1.1	1.5	1.3	1.8	1.4	1.5	1.3	.7	.7
All other reasons	5.4	5.0	11.5	10.9	8.4	8.4	5.5	5.1	2.1	1.9
Male	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
In school	28.9	28.6	85.5	85.6	74.9	76.2	11.7	11.3	--	--
Ill health, disability	17.8	17.4	.8	1.2	5.5	4.2	48.6	51.5	18.7	17.6
Home responsibilities	2.2	1.4	.5	.3	.8	.2	3.6	2.1	2.8	2.0
Retirement, old age	38.7	40.3	--	--	--	--	4.6	3.5	73.2	75.0
Think cannot get job	1.5	1.6	1.4	1.6	2.4	2.6	3.0	4.0	.9	.7
All other reasons	10.9	10.6	11.8	11.3	16.4	16.9	28.5	27.6	4.4	4.7
Female	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
In school	9.4	8.8	70.1	68.8	17.3	16.8	1.1	.7	.1	.1
Ill health, disability	5.4	5.1	.7	.7	2.4	3.0	5.0	4.6	8.5	7.9
Home responsibilities	78.7	80.3	16.4	18.7	73.0	73.4	89.2	90.6	84.2	85.5
Retirement, old age	1.8	1.7	--	--	--	--	(1)	--	5.8	5.4
Think cannot get job	1.2	.9	1.6	1.0	1 1.5	1.1	1.3	1.0	.6	.6
All other reasons	3.6	3.3	11.2	10.7	5.8	5.7	3.3	3.1	.8	.5

¹ Less than 0.05 percent.

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Table 3. 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 1971	2nd 1970	2nd 1971	2nd 1970	2nd 1971	2nd 1970	2nd 1971	2nd 1970
White								
Male (in thousands)	11,786	11,183	3,726	3,499	1,656	1,487	6,404	6,197
In school	3,329	3,098	3,119	2,928	210	171	--	--
Ill health, disability	1,955	1,852	69	63	764	760	1,122	1,028
Home responsibilities	269	148	21	7	66	30	182	111
Retirement, old age	4,847	4,790	--	--	93	59	4,755	4,731
Think cannot get job	149	144	52	61	42	43	55	40
All other reasons	1,238	1,152	466	441	483	423	289	287
Female (in thousands)	38,001	37,284	6,943	6,666	19,129	18,935	11,929	11,683
In school	3,285	3,065	3,092	2,939	180	112	14	14
Ill health, disability	1,823	1,639	89	103	844	734	892	802
Home responsibilities	30,537	30,446	3,086	3,002	17,269	17,353	10,183	10,091
Retirement, old age	680	650	--	--	6	2	674	649
Think cannot get job	357	306	83	67	199	172	74	68
All other reasons	1,318	1,179	594	556	632	563	92	61
Male (percent distribution)	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
In school	28.2	27.7	83.7	83.7	12.7	11.5	--	--
Ill health, disability	16.6	16.6	1.9	1.8	46.1	51.1	17.5	16.6
Home responsibilities	2.3	1.3	.6	.2	4.0	2.1	2.8	1.8
Retirement, old age	41.1	42.8	--	--	5.6	4.0	74.3	76.3
Think cannot get job	1.3	1.3	1.4	1.7	2.5	2.9	.9	.6
All other reasons	10.5	10.3	12.5	12.6	29.2	28.5	4.5	4.6
Female (percent distribution)	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
In school	8.6	8.2	44.5	44.1	.9	.6	.1	.1
Ill health, disability	4.8	4.4	1.3	1.5	4.4	3.9	7.5	6.9
Home responsibilities	80.4	81.7	44.4	45.0	90.3	91.6	85.4	86.4
Retirement, old age	1.8	1.7	--	--	(1)	(1)	5.7	5.6
Think cannot get job . . . . .	.9	.8	1.2	1.0	1.0	.9	.6	.6
All other reasons	3.5	3.2	8.6	8.3	3.3	3.0	.8	.5
Negro and other races								
Male (in thousands)	1,724	1,564	724	639	393	356	608	569
In school	580	547	551	508	30	39	--	--
Ill health, disability	449	371	25	20	233	189	191	163
Home responsibilities	28	36	6	3	7	9	15	23
Retirement, old age	377	350	--	--	1	6	376	344
Think cannot get job	51	57	23	17	21	29	8	11
All other reasons	239	203	121	89	99	86	19	28
Female (in thousands)	4,254	4,030	1,248	1,134	1,977	1,915	1,028	980
In school	673	565	627	540	45	25	--	--
Ill health, disability	462	450	34	36	218	217	209	197
Home responsibilities	2,719	2,727	424	447	1,565	1,546	730	733
Retirement, old age	77	36	--	--	3	--	74	36
Think cannot get job	129	72	44	13	79	45	6	14
All other reasons	194	180	119	98	68	81	8	--
Male (percent distribution)	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
In school	33.6	35.0	75.9	79.7	7.7	10.9	--	--
Ill health, disability	26.0	23.7	3.4	3.1	59.6	52.8	31.4	28.6
Home responsibilities	1.6	2.3	.8	.5	1.8	2.5	2.5	4.0
Retirement, old age	21.9	22.4	--	--	.3	1.7	61.7	60.5
Think cannot get job	3.0	3.6	3.2	2.7	5.4	8.1	1.3	1.9
All other reasons	13.9	13.0	16.7	14.0	25.3	24.0	3.1	4.9
Female (percent distribution)	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
In school	15.8	14.0	50.2	47.6	2.3	1.3	--	--
Ill health, disability	10.9	11.2	2.7	3.2	11.0	11.3	20.4	20.1
Home responsibilities	63.9	67.7	34.0	39.4	79.1	80.8	71.1	74.8
Retirement, old age	1.8	.9	--	--	.2	--	7.2	3.7
Think cannot get job	3.0	1.8	3.5	1.1	4.0	2.4	.6	1.4
All other reasons	4.6	4.5	9.5	8.6	3.4	4.2	.8	--

1/ Percent less than 0.05.

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Table 4. 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 1971	2nd 1970	2nd 1971	2nd 1970	2nd 1971	2nd 1970	2nd 1971	2nd 1970	2nd 1971	2nd 1970
Thousands of persons										
Total not in labor force	55,765	54,062	7,541	7,182	5,100	4,758	23,154	22,693	19,970	19,430
Do not want job now	51,115	50,185	5,837	5,702	4,314	4,113	21,355	21,256	19,609	19,117
Want job now - total	4,650	3,877	1,704	1,480	786	645	1,799	1,437	361	313
In school	1,803	1,490	1,379	1,178	338	255	86	55	--	2
Ill health, disability	558	365	19	11	41	40	378	215	120	99
Home responsibilities	891	795	64	55	178	146	630	561	19	32
Think cannot get job	685	580	111	92	91	68	341	287	143	132
All other reasons	713	647	131	144	138	136	364	319	79	48
Male	1,624	1,404	800	751	336	271	330	254	158	129
In school	967	830	704	632	223	172	41	27	--	--
Ill health, disability	230	165	10	5	19	13	142	93	59	55
Think cannot get job	200	202	43	49	31	29	62	73	63	50
All other reasons ¹	227	207	43	65	63	57	85	61	36	24
Female	3,026	2,471	905	727	448	375	1,470	1,185	203	185
In school	836	659	675	545	115	83	46	29	--	2
Ill health, disability	328	200	9	6	21	27	236	122	61	45
Home responsibilities	866	788	62	54	174	146	615	559	15	29
Think cannot get job	486	378	68	42	59	40	279	216	80	81
All other reasons	510	446	91	80	79	79	294	259	47	28
Percent distribution										
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	38.8	38.4	80.9	79.6	43.0	39.5	4.8	3.8	--	.6
Ill health, disability	12.0	9.4	1.1	.7	5.2	6.2	21.0	15.0	33.2	31.6
Home responsibilities	19.2	20.5	3.8	3.7	22.6	22.6	35.0	39.0	5.3	10.2
Think cannot get job	14.7	15.0	6.5	6.2	11.6	10.5	19.0	20.0	39.6	42.2
All other reasons	15.3	16.7	7.7	9.7	17.6	21.1	20.2	22.2	21.9	15.3
Male	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
In school	59.5	59.2	88.0	84.2	66.4	63.5	12.4	10.6	--	--
Ill health, disability	14.2	11.8	1.3	.7	5.7	4.8	43.0	36.6	37.3	42.6
Think cannot get job	12.3	14.4	5.4	6.5	9.2	10.7	18.8	28.7	39.9	38.8
All other reasons ¹	14.0	14.7	5.4	8.7	18.7	21.0	25.8	24.0	22.8	18.6
Female	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
In school	27.6	26.7	74.6	75.0	25.7	22.1	3.1	2.4	2.4	1.1
Ill health, disability	10.8	8.1	1.0	.8	4.7	7.2	16.1	10.3	30.0	24.3
Home responsibilities	28.6	31.9	6.9	7.4	38.8	38.9	41.8	47.2	7.4	15.7
Think cannot get job	16.1	15.3	7.5	5.8	13.2	10.7	19.0	18.2	39.4	43.8
All other reasons	16.9	18.0	10.1	11.0	17.6	21.1	20.0	21.9	23.2	15.1

¹Includes small number of men not seeking work because of home responsibilities.

HOUSEHOLD DATA QUARTERLY AVERAGES

Table 5. 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 1971	2nd 1970	2nd 1971	2nd 1970	2nd 1971	2nd 1970	2nd 1971	2nd 1970
Thousands of persons								
Total not in labor force	11,786	11,183	38,001	37,284	1,724	1,564	4,254	4,030
Do not want job now	10,471	10,051	35,697	35,286	1,415	1,292	3,532	3,554
Want job now	1,315	1,132	2,304	1,998	309	272	722	476
In school	811	680	661	581	156	150	174	79
Ill health, disability	175	125	222	152	55	40	106	49
Home responsibilities ¹	--	--	634	578	--	--	232	210
Think cannot get job	149	144	357	306	51	57	129	72
All other reasons	180	183	430	381	47	25	81	66
Percent distribution								
Want job now	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
In school	61.7	60.1	28.7	29.1	50.5	55.1	24.1	16.6
Ill health, disability	13.3	11.0	9.6	7.6	17.8	14.7	14.7	10.3
Home responsibilities ¹	--	--	27.5	28.9	--	--	32.1	44.1
Think cannot get job	11.3	12.7	15.5	15.3	16.5	21.0	17.9	15.1
All other reasons	13.7	16.2	18.7	19.1	15.2	9.2	11.2	13.9

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

Table 6. Persons not in labor force who desire to work but think they cannot get jobs by age, color, sex, and detailed reason

2nd Quarter 1971
(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	685	111	91	341	143	506	180
Employers think too young or old	101	16	--	7	79	91	10
Lacks education or training	72	11	16	45	2	50	23
Other personal handicap	43	6	4	28	5	39	4
Could not find job	271	48	51	144	27	159	112
Thinks no job available	198	32	20	117	30	167	32
Male	200	43	31	62	63	149	51
Employers think too young or old	42	8	--	--	34	38	4
Lacks education or training	15	4	9	--	2	10	5
Other personal handicap	9	--	2	4	2	9	--
Could not find job	83	22	13	36	12	50	33
Thinks no job available	52	9	7	22	13	42	10
Female	485	68	59	279	80	357	129
Employers think too young or old	59	7	--	7	46	53	6
Lacks education or training	58	8	7	45	--	40	18
Other personal handicap	34	6	2	23	3	30	4
Could not find job	188	27	38	109	14	109	79
Thinks no job available	147	22	13	95	16	125	22

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Table 7. 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 1971	2nd 1970	2nd 1971	2nd 1970	2nd 1971	2nd 1970	2nd 1971	2nd 1970	2nd 1971	2nd 1970
Total										
Not in labor force (in thousands)	55,765	54,062	7,541	7,182	5,100	4,758	23,154	22,693	19,970	19,430
Never worked	10,938	10,447	4,304	4,038	959	939	2,731	2,577	2,944	2,894
Last worked over 5 years ago	25,138	25,485	16	21	325	361	11,855	12,259	12,941	12,845
Last worked 1 to 5 years ago	9,819	8,368	588	448	1,636	1,373	4,854	4,216	2,743	2,331
Left job previous 12 months	9,869	9,761	2,633	2,674	2,179	2,086	3,714	3,642	1,343	1,359
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	45.1	47.0	53.7	57.2	66.5	65.5	40.8	44.2	5.6	6.1
Ill health, disability	8.2	8.9	1.1	.9	2.8	4.2	13.1	13.9	17.1	18.7
Retirement, old age	7.3	6.5	--	--	--	--	2.1	1.5	47.5	42.5
Economic reasons	19.4	17.5	17.0	15.4	11.9	10.0	25.7	22.0	19.1	21.5
End of seasonal job	8.0	7.8	8.5	8.2	4.6	3.5	9.7	9.2	8.1	9.8
Slack work	5.4	4.2	3.5	2.9	4.1	3.0	7.5	5.7	5.1	4.3
End of temporary job	6.1	5.6	5.0	4.3	3.2	3.5	8.6	7.1	5.9	7.4
All other reasons	20.0	20.1	28.1	26.6	18.8	20.4	18.3	18.4	10.7	11.2
Male										
Not in labor force (in thousands)	13,510	12,748	3,184	3,011	1,266	1,127	2,049	1,843	7,012	6,767
Never worked	2,031	1,750	1,598	1,404	233	199	169	118	30	29
Last worked over 5 years ago	5,376	5,387	6	7	28	21	633	641	4,711	4,720
Last worked 1 to 5 years ago	2,707	2,190	234	154	264	138	670	526	1,538	1,370
Left job previous 12 months	3,395	3,420	1,346	1,445	740	769	576	558	733	647
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	35.9	40.7	50.1	54.1	60.1	59.6	16.5	23.3	.7	3.4
Ill health, disability	10.9	10.0	1.5	.9	1.8	3.1	32.2	33.3	20.5	18.3
Retirement, old age	14.0	11.1	--	--	--	--	8.3	5.0	58.2	54.0
Economic reasons	15.3	14.5	16.8	14.8	11.1	10.0	19.2	18.4	13.9	16.0
End of seasonal job	6.0	6.7	7.4	8.2	2.6	3.6	5.5	5.5	7.1	7.7
Slack work	5.1	3.8	4.2	2.5	4.7	3.4	10.2	8.4	3.1	3.7
End of temporary job	4.3	4.0	5.2	4.1	3.8	3.0	3.5	4.5	3.7	4.6
All other reasons	23.9	23.7	31.6	30.2	27.0	27.2	23.7	20.0	6.7	8.3
Female										
Not in labor force (in thousands)	42,254	41,314	4,357	4,170	3,834	3,631	21,105	20,850	12,958	12,663
Never worked	8,907	8,697	2,706	2,633	726	741	2,561	2,458	2,914	2,865
Last worked over 5 years ago	19,761	20,098	11	14	297	340	11,223	11,620	8,230	8,126
Last worked 1 to 5 years ago	7,112	6,178	354	294	1,371	1,234	4,184	3,690	1,204	960
Left job previous 12 months	6,474	6,341	1,288	1,229	1,440	1,317	3,138	3,084	610	712
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	50.0	50.4	57.6	60.8	69.7	68.8	45.3	48.0	11.5	8.6
Ill health, disability	6.8	8.3	.7	.8	3.4	4.9	9.6	10.4	13.0	18.8
Retirement, old age	3.7	4.0	--	--	--	--	1.0	.9	34.6	31.9
Economic reasons	21.6	19.2	17.2	16.0	12.2	9.9	26.9	22.7	25.4	26.8
End of seasonal job	9.1	8.4	9.5	8.1	5.6	3.3	10.4	9.9	9.2	11.7
Slack work	5.5	4.3	3.0	3.3	3.7	2.8	7.0	5.3	7.7	5.2
End of temporary job	7.0	6.5	4.8	4.5	2.8	3.8	9.5	7.6	8.5	10.0
All other reasons	18.0	18.1	24.5	22.4	14.7	16.4	17.3	18.0	15.6	13.9

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Table 8. 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	White				Negro and other races			
	Male		Female		Male		Female	
	2nd 1971	2nd 1970	2nd 1971	2nd 1970	2nd 1971	2nd 1970	2nd 1971	2nd 1970
Total not in labor force (in thousands)	11,786	11,183	38,001	37,284	1,724	1,564	4,254	4,030
Never worked	1,628	1,469	7,743	7,761	403	281	1,164	936
Last worked over 5 years ago	4,788	4,850	18,159	18,403	588	537	1,603	1,695
Last worked 1 to 5 years ago	2,409	1,957	6,412	5,535	298	233	700	642
Left job previous 12 months	2,961	2,907	5,687	5,584	434	512	787	757
Percent distribution by reason	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
School, home responsibilities	36.3	40.6	50.4	51.1	32.9	41.5	46.4	44.8
Ill health, disability	9.8	9.7	6.0	6.9	18.0	11.5	12.2	18.5
Retirement, old age	14.8	12.4	4.1	4.4	8.3	3.5	.9	1.6
Economic reasons	14.6	12.8	20.9	18.7	20.0	24.2	26.3	22.5
End of seasonal job	5.8	5.7	8.5	7.7	7.1	12.5	12.8	13.5
Slack work	4.5	3.7	5.2	4.4	9.0	4.3	7.9	4.1
End of temporary job	4.3	3.4	7.2	6.7	3.9	7.4	5.6	4.9
All other reasons	24.3	24.5	18.5	18.8	20.7	19.3	14.2	12.7

**Table 9. Industry and occupation of last job for persons not in labor force who worked during previous 12 months by reasons leaving job
2nd Quarter 1971**

Industry and class of worker and major occupation	Total (thousands of persons)	Reason left job (percent distribution)					
		Total	School, home responsi- bilities	Ill health, disability	Retirement, old age	Economic reasons	All other
Total who left jobs in previous 12 months	9,869	100.0	45.1	8.2	7.3	19.4	20.0
Industry							
Agriculture ¹	608	100.0	20.6	6.8	3.1	31.6	37.9
Unpaid family workers	207	100.0	4.8	1.0	--	4.3	89.9
Wage and salary workers	343	100.0	30.1	4.7	1.5	52.0	11.7
Nonagricultural industries	9,240	100.0	47.0	8.0	7.6	18.4	19.0
Self-employed workers	359	100.0	31.1	15.6	12.8	23.9	16.7
Unpaid family workers	210	100.0	10.4	2.8	2.8	8.1	75.8
Wage and salary workers	8,671	100.0	48.6	7.8	7.5	18.4	17.8
Private household workers	426	100.0	40.5	15.9	5.4	20.4	17.8
Government workers	1,369	100.0	44.7	5.7	13.1	22.5	14.0
All other ²	6,876	100.0	49.8	7.7	6.5	17.5	18.5
Construction	310	100.0	39.5	12.2	10.6	15.4	22.2
Manufacturing	1,606	100.0	46.0	9.8	8.2	18.0	18.0
Transportation and public utilities	298	100.0	46.2	11.0	13.7	11.7	17.4
Trade	2,488	100.0	51.4	6.3	4.5	17.6	20.1
Finance and services	2,148	100.0	52.9	6.4	5.9	17.9	16.9
Occupation							
White-collar workers	4,332	100.0	50.0	4.8	8.0	19.2	18.1
Professional and technical	994	100.0	49.0	3.3	12.3	21.7	13.7
Managers, officials, and proprietors	333	100.0	24.6	15.6	28.1	13.5	18.3
Clerical and sales	3,005	100.0	53.1	4.2	4.3	18.9	19.5
Blue-collar workers	2,649	100.0	40.9	11.2	8.8	18.6	20.5
Craftsmen and foremen	444	100.0	20.0	16.9	23.2	20.7	19.1
Operatives	1,416	100.0	44.9	9.8	6.6	19.4	19.4
Nonfarm laborers	790	100.0	45.6	10.4	4.8	16.1	23.2
Service workers	2,331	100.0	48.3	10.0	5.4	16.7	19.5
Farm workers	536	100.0	17.6	7.1	3.2	32.9	39.3

¹Includes small number of self-employed workers, not shown separately.

²Includes forestry, fisheries, and mining, not shown separately.

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Table 10. 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 1971	2nd 1970	2nd 1971	2nd 1970	2nd 1971	2nd 1970
Total						
Total not in labor force (in thousands)	55,765	54,062	13,510	12,748	42,254	41,314
Do not intend to seek work	47,773	46,834	10,601	10,122	37,173	36,712
Intend to seek work in next 12 months	7,990	7,228	2,909	2,626	5,081	4,602
Never worked	1,799	1,589	713	593	1,086	996
Last worked over 5 years ago	784	744	72	77	713	667
Last worked 1 to 5 years ago	1,560	1,149	508	318	1,052	831
Worked during previous 12 months	3,847	3,746	1,617	1,637	2,230	2,109
Percent distribution by occupation	100.0	100.0	100.0	100.0	100.0	100.0
White-collar workers	38.8	39.9	25.2	25.6	48.9	51.3
Professional and technical	9.2	9.4	9.1	9.2	9.3	9.6
Managerial	2.1	1.8	2.9	2.3	1.5	1.3
Clerical and sales	27.4	28.7	13.1	14.1	38.1	40.3
Blue-collar workers	31.4	32.8	49.5	50.8	18.0	18.4
Craftsman and foremen	4.1	5.0	8.5	10.4	.8	.7
Operatives	16.7	16.6	17.5	16.6	16.0	16.6
Nonfarm laborers	10.7	11.2	23.4	23.9	1.2	1.1
Service workers	24.2	21.8	16.8	14.7	29.6	27.5
Farm workers	5.7	5.5	8.6	8.9	3.5	2.8
White						
Total not in labor force (in thousands)	49,786	48,467	11,786	11,183	38,000	37,284
Do not intend to seek work	43,278	42,553	9,412	9,011	33,866	33,542
Intend to seek work in next 12 months	6,507	5,914	2,373	2,172	4,134	2,742
Never worked	1,402	1,330	556	498	846	832
Last worked over 5 years ago	662	607	57	65	605	542
Last worked 1 to 5 years ago	1,264	929	403	266	861	663
Worked during previous 12 months ¹	3,179	3,048	1,357	1,343	1,822	1,705
Negro and other races						
Total not in labor force (in thousands)	5,978	5,594	1,724	1,564	4,254	4,030
Do not intend to seek work	4,494	4,280	1,188	1,110	3,306	3,170
Intend to seek work in next 12 months	1,484	1,314	536	454	948	860
Never worked	398	259	157	95	241	164
Last worked over 5 years ago	122	137	14	12	108	125
Last worked 1 to 5 years ago	295	220	104	52	191	168
Worked during previous 12 months ¹	668	698	260	294	408	404

¹Occupational data not available by color.

HOUSEHOLD DATA QUARTERLY AVERAGES

Table 1: Employment status of male Vietnam Era war veterans and nonveterans 20 to 29 years old by age and race

Item	(Numbers in thousands)									
	1971			1970			1969			
	2nd	1st	4th	3rd	2nd	1st	4th	3rd	2nd	1st
TOTAL, 20 TO 29 YEARS OLD										
War veterans <u>1</u> /										
Civilian noninstitutional population....	3,981	3,809	3,696	3,522	3,354	3,174	2,990	2,778	2,597	2,456
Civilian labor force.....	3,623	3,459	3,383	3,303	3,127	2,936	2,752	2,612	2,428	2,258
Percent of population.....	91.0	90.8	91.5	93.8	93.2	92.5	92.0	94.0	93.5	92.0
Employed.....	3,314	3,087	3,114	3,090	2,931	2,737	2,622	2,498	2,338	2,139
Unemployed.....	309	372	269	213	196	199	130	114	90	119
Unemployment rate.....	8.5	10.8	7.9	6.4	6.3	6.8	4.7	4.4	3.7	5.3
Not in labor force.....	358	350	313	219	227	238	238	166	169	198
Nonveterans										
Civilian noninstitutional population....	9,334	9,209	9,068	8,943	8,815	8,714	8,589	8,532	8,523	8,444
Civilian labor force.....	8,093	7,844	7,810	8,067	7,670	7,397	7,334	7,715	7,430	7,139
Percent of population.....	86.7	85.2	86.1	90.2	87.0	84.9	85.4	90.4	87.2	84.5
Employed.....	7,524	7,188	7,281	7,563	7,241	6,990	7,089	7,449	7,171	6,853
Unemployed.....	569	656	529	504	429	407	245	266	259	286
Unemployment rate.....	7.0	8.4	6.8	6.2	5.6	5.5	3.3	3.4	3.5	4.0
Not in labor force.....	1,241	1,365	1,258	876	1,145	1,317	1,255	817	1,093	1,305
WHITE										
War veterans <u>1</u> /										
Civilian noninstitutional population....	3,596	3,446	3,329	3,177	3,061	2,893	2,706	2,531	2,383	2,250
Civilian labor force.....	3,274	3,135	3,058	2,981	2,854	2,686	2,496	2,384	2,234	2,081
Percent of population.....	91.0	91.0	91.9	93.8	93.2	92.8	92.2	94.2	93.8	92.5
Employed.....	3,008	2,812	2,835	2,809	2,686	2,508	2,389	2,290	2,156	1,973
Unemployed.....	266	323	223	172	168	178	107	94	78	108
Unemployment rate.....	8.1	10.3	7.3	5.8	5.9	6.6	4.3	3.9	3.5	5.2
Not in labor force.....	322	311	271	196	207	207	210	147	149	169
Nonveterans										
Civilian noninstitutional population....	8,072	7,964	7,853	7,738	7,580	7,524	7,456	7,398	7,384	7,305
Civilian labor force.....	7,020	6,798	6,776	6,999	6,612	6,380	6,355	6,683	6,422	6,162
Percent of population.....	87.0	85.4	86.3	90.4	87.2	84.8	85.2	90.3	87.0	84.4
Employed.....	6,567	6,277	6,354	6,598	6,281	6,062	6,160	6,478	6,234	5,944
Unemployed.....	453	521	422	401	331	318	195	205	188	218
Unemployment rate.....	6.5	7.7	6.2	5.7	5.0	5.0	3.1	3.1	2.9	3.5
Not in labor force.....	1,052	1,166	1,077	739	968	1,144	1,101	715	962	1,143
NEGRO AND OTHER RACES										
War veterans <u>1</u> /										
Civilian noninstitutional population....	386	363	367	345	293	281	283	247	214	205
Civilian labor force.....	350	324	325	322	273	251	256	227	194	177
Percent of population.....	90.7	89.4	88.6	93.3	93.1	89.2	90.4	92.2	90.5	86.2
Employed.....	308	275	279	281	245	229	233	207	182	166
Unemployed.....	42	49	46	41	28	22	23	20	12	11
Unemployment rate.....	12.1	15.1	14.2	12.6	10.3	8.6	9.0	8.7	6.0	6.4
Not in labor force.....	36	39	42	23	20	30	27	20	20	28
Nonveterans										
Civilian noninstitutional population....	1,262	1,245	1,215	1,205	1,234	1,190	1,133	1,133	1,139	1,139
Civilian labor force.....	1,073	1,045	1,033	1,068	1,058	1,018	979	1,032	1,008	977
Percent of population.....	85.0	84.0	85.0	88.6	85.7	85.5	86.4	91.1	88.5	85.8
Employed.....	958	910	926	966	961	929	929	971	938	909
Unemployed.....	115	135	107	102	97	89	50	61	70	68
Unemployment rate.....	10.7	12.9	10.3	9.6	9.2	8.7	5.1	5.9	7.0	6.9
Not in labor force.....	189	200	182	137	176	172	154	101	131	162

See footnotes at end of table.

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Table 1: Employment status of male Vietnam Era war veterans and nonveterans 20 to 29 years old by age and race—Continued

Item	(Numbers in thousands)									
	1971		1970				1969			
	2nd	1st	4th	3rd	2nd	1st	4th	3rd	2nd	1st
TOTAL, 20 TO 24 YEARS OLD										
War veterans <u>1/</u>										
Civilian noninstitutional population....	1,947	1,902	1,869	1,819	1,774	1,719	1,688	1,594	1,525	1,486
Civilian labor force.....	1,711	1,668	1,655	1,664	1,615	1,550	1,523	1,472	1,408	1,340
Percent of population.....	87.9	87.7	88.5	91.5	91.0	90.2	90.2	92.3	92.3	90.2
Employed.....	1,499	1,424	1,476	1,513	1,481	1,409	1,425	1,395	1,348	1,260
Unemployed.....	212	244	179	151	134	141	98	77	60	80
Unemployment rate.....	12.4	14.6	10.8	9.1	8.3	9.1	6.4	5.3	4.2	5.9
Not in labor force.....	236	234	214	155	159	169	165	122	117	146
Nonveterans										
Civilian noninstitutional population....	5,468	5,327	5,199	5,069	4,947	4,879	4,772	4,743	4,720	4,672
Civilian labor force.....	4,439	4,158	4,135	4,373	3,982	3,741	3,693	4,071	3,789	3,541
Percent of population.....	81.2	78.0	79.5	86.3	80.5	76.7	77.4	85.8	80.3	75.8
Employed.....	4,016	3,709	3,759	4,011	3,688	3,469	3,525	3,882	3,593	3,336
Unemployed.....	423	449	376	362	294	272	168	189	196	205
Unemployment rate.....	9.5	10.8	9.1	8.3	7.4	7.3	4.6	4.7	5.2	5.8
Not in labor force.....	1,029	1,169	1,064	696	965	1,138	1,079	672	931	1,131
WHITE										
War veterans <u>1/</u>										
Civilian noninstitutional population....	1,737	1,699	1,677	1,636	1,610	1,541	1,511	1,444	1,389	1,351
Civilian labor force.....	1,527	1,489	1,490	1,498	1,464	1,394	1,367	1,340	1,287	1,229
Percent of population.....	87.9	87.6	88.8	91.6	91.0	90.5	90.5	92.8	92.7	91.0
Employed.....	1,347	1,282	1,341	1,377	1,349	1,270	1,287	1,279	1,236	1,158
Unemployed.....	180	207	149	121	115	124	80	61	51	71
Unemployment rate.....	11.8	13.9	10.0	8.0	7.8	8.9	5.9	4.5	4.0	5.7
Not in labor force.....	210	210	187	138	146	147	144	104	102	122
Nonveterans										
Civilian noninstitutional population....	4,739	4,616	4,501	4,381	4,247	4,218	4,144	4,108	4,083	4,040
Civilian labor force.....	3,850	3,604	3,573	3,781	3,414	3,209	3,177	3,508	3,254	3,035
Percent of population.....	81.2	78.1	79.4	86.3	80.4	76.1	76.7	85.4	79.7	75.1
Employed.....	3,519	3,252	3,274	3,493	3,184	2,990	3,041	3,361	3,111	2,874
Unemployed.....	331	352	299	288	230	219	136	147	143	161
Unemployment rate.....	8.6	9.8	8.4	7.6	6.7	6.8	4.3	4.2	4.4	5.3
Not in labor force.....	889	1,012	928	600	833	1,009	967	600	829	1,005
NEGRO AND OTHER RACES										
War veterans <u>1/</u>										
Civilian noninstitutional population....	210	203	192	183	164	178	177	150	136	135
Civilian labor force.....	184	179	165	166	151	156	156	133	121	111
Percent of population.....	87.9	88.3	86.1	90.7	92.1	87.6	87.9	88.4	89.2	82.0
Employed.....	153	142	135	136	132	139	138	116	113	102
Unemployed.....	31	37	30	30	19	17	18	17	8	9
Unemployment rate.....	17.0	20.9	18.1	18.3	12.8	11.1	11.3	12.6	6.9	8.1
Not in labor force.....	26	24	27	17	13	22	21	17	15	24
Nonveterans										
Civilian noninstitutional population....	729	711	698	688	700	661	628	635	637	632
Civilian labor force.....	589	554	562	592	568	532	516	563	535	506
Percent of population.....	80.8	77.9	80.5	86.0	81.1	80.4	82.2	88.7	84.1	80.1
Employed.....	497	457	485	518	504	479	484	521	482	463
Unemployed.....	92	97	77	74	64	53	32	42	53	43
Unemployment rate.....	15.6	17.4	13.7	12.5	11.3	9.9	6.2	7.5	10.0	8.6
Not in labor force.....	140	157	136	96	132	129	112	72	102	126

See footnotes at end of table.

HOUSEHOLD DATA QUARTERLY AVERAGES

Table 1: Employment status of male Vietnam Era war veterans and nonveterans 20 to 29 years old by age and race—Continued

Item	(Numbers in thousands)									
	1971			1970			1969			
	2nd	1st	4th	3rd	2nd	1st	4th	3rd	2nd	1st
TOTAL, 25 TO 29 YEARS OLD										
War veterans ^{1/}										
Civilian noninstitutional population....	2,035	1,907	1,826	1,703	1,580	1,455	1,302	1,184	1,072	970
Civilian labor force.....	1,912	1,791	1,728	1,639	1,512	1,386	1,229	1,139	1,020	918
Percent of population.....	94.0	93.9	94.6	96.2	95.7	95.3	94.4	96.3	95.2	94.7
Employed.....	1,815	1,663	1,639	1,577	1,450	1,328	1,196	1,103	990	878
Unemployed.....	97	128	89	62	62	58	33	36	30	40
Unemployment rate.....	5.1	7.2	5.2	3.8	4.1	4.2	2.7	3.2	2.9	4.3
Not in labor force.....	123	116	98	64	68	69	73	45	52	52
Nonveterans										
Civilian noninstitutional population....	3,866	3,882	3,869	3,874	3,867	3,835	3,817	3,789	3,803	3,772
Civilian labor force.....	3,654	3,686	3,674	3,695	3,688	3,656	3,641	3,644	3,641	3,598
Percent of population.....	94.5	95.0	95.0	95.4	95.4	95.3	95.4	96.2	95.7	95.4
Employed.....	3,508	3,479	3,521	3,554	3,553	3,521	3,564	3,567	3,578	3,517
Unemployed.....	146	207	153	141	135	135	77	77	63	81
Unemployment rate.....	4.0	5.6	4.2	3.8	3.7	3.7	2.1	2.1	1.7	2.3
Not in labor force.....	212	196	195	179	179	179	176	145	162	174
WHITE										
War veterans ^{1/}										
Civilian noninstitutional population....	1,859	1,747	1,651	1,541	1,451	1,352	1,196	1,087	994	900
Civilian labor force.....	1,747	1,646	1,568	1,483	1,390	1,291	1,129	1,044	947	852
Percent of population.....	94.0	94.2	95.0	96.2	95.8	95.5	94.4	96.1	95.3	94.7
Employed.....	1,661	1,529	1,495	1,431	1,337	1,237	1,101	1,011	920	814
Unemployed.....	86	117	73	52	53	54	28	33	27	38
Unemployment rate.....	4.9	7.1	4.7	3.5	3.9	4.2	2.4	3.2	2.8	4.4
Not in labor force.....	112	101	83	58	61	61	67	43	47	48
Nonveterans										
Civilian noninstitutional population....	3,333	3,348	3,352	3,356	3,333	3,307	3,312	3,291	3,301	3,265
Civilian labor force.....	3,170	3,195	3,203	3,218	3,198	3,170	3,178	3,175	3,168	3,127
Percent of population.....	95.1	95.4	95.6	95.9	95.9	95.9	96.0	96.5	96.0	95.8
Employed.....	3,048	3,026	3,080	3,105	3,096	3,071	3,119	3,117	3,122	3,070
Unemployed.....	122	169	123	113	102	99	59	58	46	57
Unemployment rate.....	3.8	5.3	3.8	3.5	3.2	3.1	1.9	1.8	1.4	1.8
Not in labor force.....	163	153	149	138	135	137	134	116	133	138
NEGRO AND OTHER RACES										
War veterans ^{1/}										
Civilian noninstitutional population....	176	160	175	162	129	103	106	97	78	70
Civilian labor force.....	165	145	160	156	122	95	100	95	73	66
Percent of population.....	93.9	90.8	91.4	96.3	94.3	91.9	94.4	97.9	92.8	(2/)
Employed.....	154	133	144	146	113	91	95	92	70	64
Unemployed.....	11	12	16	10	9	4	5	3	3	2
Unemployment rate.....	6.7	8.0	10.0	6.6	7.1	4.6	5.3	3.2	(2/)	(2/)
Not in labor force.....	11	15	15	6	7	8	6	2	5	4
Nonveterans										
Civilian noninstitutional population....	533	534	517	518	534	528	505	498	502	507
Civilian labor force.....	484	491	471	477	490	486	463	469	473	471
Percent of population.....	90.8	92.0	91.2	92.1	91.7	92.0	91.7	94.1	94.1	92.8
Employed.....	460	453	441	449	457	450	445	450	456	447
Unemployed.....	24	38	30	28	33	36	18	19	17	24
Unemployment rate.....	4.9	7.8	6.3	5.9	6.8	7.4	3.8	4.0	3.6	5.2
Not in labor force.....	49	43	46	41	44	42	42	29	29	36

^{1/} War veterans are defined by the dates of their service in the U. S. Armed Forces. War veterans 20 to 29 years old are all veterans of the Vietnam Era, (service at any time after August 4, 1964), and they account for about 85 percent of the Vietnam Era war veterans of all ages. See footnote 1, Table 2 for service dates of other wars.

^{2/} Percent not shown where base is less than 75,000.

NOTE: Because of rounding, sums of individual items may not equal totals. Rates are based on unrounded numbers.

HOUSEHOLD DATA

QUARTERLY AVERAGES

Table 2: Employment status of men 16 years old and over by veteran status¹ and age

Veteran status and age	(Numbers in thousands)											
	Civilian noninstitutional population		Civilian labor force		Labor force participation rate		Employed		Unemployed		Unemployment rate	
	2nd 1971	2nd 1970	2nd 1971	2nd 1970	2nd 1971	2nd 1970	2nd 1971	2nd 1970	2nd 1971	2nd 1970	2nd 1971	2nd 1970
ALL MEN												
Total, 16 years and over...	65,558	64,078	52,034	51,331	79.4	80.1	49,345	49,212	2,689	2,118	5.2	4.1
16 to 19 years.....	7,395	7,110	4,211	4,098	56.9	49.2	3,511	3,475	700	624	16.6	15.2
20 to 29 years.....	14,015	13,129	12,397	11,723	88.5	89.3	11,497	11,067	899	656	7.3	5.6
20 to 24 years.....	7,428	6,757	6,162	5,629	83.0	83.3	5,527	5,200	635	429	10.3	7.6
25 to 29 years.....	6,587	6,372	6,235	6,094	94.6	95.6	5,970	5,867	264	227	4.2	3.7
30 to 34 years.....	5,462	5,325	5,301	5,177	97.1	97.2	5,119	5,047	183	131	3.4	2.5
35 to 39 years.....	5,125	5,157	4,957	5,042	96.7	97.8	4,801	4,935	156	107	3.2	2.1
40 to 44 years.....	5,577	5,667	5,365	5,474	96.2	96.6	5,219	5,353	146	121	2.7	2.2
45 to 54 years.....	11,127	11,044	10,483	10,420	94.2	94.3	10,187	10,195	297	225	2.8	2.2
55 to 64 years.....	8,682	8,575	7,167	7,165	82.6	83.6	6,924	6,973	243	192	3.4	2.7
65 years and over.....	8,177	8,072	2,152	2,231	26.3	27.6	2,087	2,168	66	63	3.0	2.8
WAR VETERANS												
Total, 16 years and over...	23,952	23,398	21,116	20,735	88.2	88.6	20,314	20,155	800	581	3.8	2.8
16 to 19 years.....	42	29	33	24	(2/)	(2/)	23	19	9	5	(2/)	(2/)
20 to 29 years.....	3,982	3,354	3,623	3,127	91.0	93.2	3,314	2,931	309	196	8.5	6.3
20 to 24 years.....	1,947	1,774	1,711	1,615	87.9	91.0	1,499	1,481	212	134	12.4	8.3
25 to 29 years.....	2,035	1,580	1,912	1,512	94.0	95.7	1,815	1,450	97	62	5.1	4.1
30 to 34 years.....	636	689	615	672	96.7	97.5	592	652	23	20	3.7	2.9
35 to 39 years.....	2,245	2,653	2,187	2,617	97.4	98.6	2,121	2,566	66	51	3.0	2.0
40 to 44 years.....	3,772	3,982	3,646	3,875	96.6	97.3	3,554	3,794	92	82	2.5	2.1
45 to 54 years.....	8,613	8,304	8,188	7,881	95.1	94.9	7,972	7,719	216	162	2.6	2.1
55 to 64 years.....	2,905	2,592	2,442	2,174	84.1	83.9	2,366	2,115	76	59	3.1	2.7
65 years and over.....	1,757	1,795	382	365	21.7	20.3	372	359	9	6	2.4	1.6
POST-KOREAN PEACETIME VETERANS												
Total, 20 to 49 years.....	2,990	2,998	2,926	2,927	97.8	97.6	2,841	2,858	85	68	2.9	2.3
20 to 24 years.....	13	36	12	33	(2/)	(2/)	11	31	1	2	(2/)	(2/)
25 to 29 years.....	687	925	669	895	97.4	96.7	647	864	22	30	3.2	3.4
30 to 34 years.....	1,625	1,577	1,595	1,547	98.2	98.1	1,546	1,522	49	25	3.1	1.6
35 to 39 years.....	620	431	607	424	97.9	98.4	595	414	12	10	2.0	2.4
40 to 44 years.....	39	24	38	24	(2/)	(2/)	37	23	1	1	(2/)	(2/)
45 to 49 years.....	6	5	5	4	(2/)	(2/)	5	4	(3/)	--	(2/)	--
NONVETERANS												
Total, 16 years and over...	38,619	37,682	27,994	27,670	72.5	73.4	26,190	26,199	1,804	1,471	6.4	5.3
16 to 19 years.....	7,354	7,081	4,179	4,075	56.8	57.5	3,488	3,456	690	619	16.5	15.2
20 to 29 years.....	9,334	8,814	8,093	7,670	86.7	87.0	7,524	7,241	569	429	7.0	5.6
20 to 24 years.....	5,468	4,947	4,439	3,982	81.2	80.5	4,016	3,688	423	294	9.5	7.4
25 to 29 years.....	3,866	3,867	3,654	3,688	94.5	95.4	3,508	3,553	146	135	4.0	3.7
30 to 34 years.....	3,201	3,059	3,092	2,959	96.6	96.7	2,981	2,873	111	86	3.6	2.9
35 to 39 years.....	2,260	2,072	2,164	2,000	95.7	96.5	2,086	1,955	78	45	3.6	2.2
40 to 44 years.....	1,766	1,661	1,681	1,575	95.2	94.8	1,628	1,536	53	39	3.2	2.5
45 to 54 years.....	2,508	2,735	2,290	2,534	91.3	92.6	2,210	2,472	80	62	3.5	2.4
55 to 64 years.....	5,776	5,983	4,725	4,991	81.8	83.4	4,559	4,858	167	133	3.5	2.7
65 years and over.....	6,420	6,277	1,770	1,866	27.6	29.7	1,714	1,808	56	58	3.2	3.1

^{1/} War veterans are defined by the dates of their service in the U. S. Armed Forces as follows: Vietnam Era--served after August 4, 1964; Korean Conflict--served at any time between June 27, 1950 and January 31, 1955; World War II--served at any time from September 16, 1940 to July 25, 1947; World War I--served at any time between April 6, 1917 and November 11, 1918. A Post-Korean-Peacetime veteran served in the Armed Forces between February 1, 1955 and August 4, 1964, inclusive. A person who served in more than one period is classified according to his latest period of service. A Nonveteran never served in the Armed Forces, or served only in peacetime prior to June 27, 1950.

^{2/} Percent not shown where base is less than 75,000.

^{3/} Less than 0.5 thousands.

NOTE: Because of rounding, sums of individual items may not equal totals. Rates are based on unrounded numbers.

Technical Note

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 50,000 households, representing 449 areas in 863 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 nonagriculture 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 two-thirds 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 interview 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, State and local government, domestic service, self-employment, unpaid family work, nonprofit organizations, and firms below a minimum size).

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.

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 contract construction, professional services, public utilities, and financial establishments, whereas these are included in BLS statistics.

County Business Patterns. Data in County Business Patterns, 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. Not all nonagricultural wage and salary workers are covered by the unemployment insurance programs. All workers in certain activities, such as interstate railroads, are excluded. In addition, small firms in covered industries are also excluded in 28 States (as of January 1, 1970). In general, these are establishments with less than four employees.

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 technical notes for each of these series, available from the Bureau of Labor Statistics free of charge.

Labor Force Data

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 16 years and over. Respondents are interviewed to obtain information about the employment status of each member of the household 16 years of age and over. 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 and persons under 16 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, 50,000 occupied units are designated for interview. About 2,250 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 4.5 percent. In addition to the 50,000 occupied units there are 8,500 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 one 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.

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 noninstitutional 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 civilian labor force and 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 1960 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 governmental 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 Veterans 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 (because full-time work is not available), 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 1960 Census of Population, approximately 92 percent of the Negro and other races population group were Negro; the remainder were American Indians, Eskimos, Orientals, and other nonwhites. Tables in this volume which contain these data utilize the word "color" to so indicate.

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 for other reasons. This adjustment is made separately by groups of sample areas and, within these, for six groups—color (white and Negro and other races) within the three residence categories (urban, rural nonfarm, and rural farm). The proportion of sample households not interviewed varies from 4 to 6 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 1960 Census data on the color-residence distribution of the population. This step takes into account the differences existing at the time of the 1960 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 (1960) 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 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

Table A. Average standard error of major employment status categories

(In thousands)

Employment status and sex	Average standard error of—	
	Monthly level	Month-to-month change (consecutive months only)
BOTH SEXES		
Labor force and total employment	190	145
Agriculture	120	100
Nonagricultural employment	200	150
Unemployment	75	80
MALE		
Labor force and total employment	100	75
Agriculture	95	80
Nonagricultural employment	120	95
Unemployment	60	60
FEMALE		
Labor force and total employment	150	115
Agriculture	50	40
Nonagricultural employment	150	115
Unemployment	50	55

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	-	-	-	-	-

month-to-month change itself. Thus, in order to use the approximations to the standard errors of month-to-month changes as presented in table C, it is first necessary to obtain the standard error of the monthly level of the item in table B, and then find

the standard error of the month-to-month change in table C corresponding to this standard error of level. It should be noted that table C applies to estimates of change between 2 consecutive months. For changes between the current month and the same month last year, the standard errors of level shown in table B are acceptable approximations.

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

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

(In thousands)

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

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

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

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 collecting 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 man-hours of production and related workers or nonsupervisory workers for the pay period which includes the 12th of the month. Form DL 1219 provides for the collection of information on the total number of accessions and separations, by type, during the calendar month, 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 reported to work 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 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 foremen 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 work-

ers, 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 pay period reported (e.g., retroactive pay), tips, and the value of free rent, fuel, meals, or other payment in kind are excluded. "Fringe benefits" (such as health and other types of insurance, contributions to retirement, etc. paid by the employer) are also excluded.

Man-hours cover man-hours paid for, during the pay period which includes the 12th of the month, for production, construction, or nonsupervisory workers. The man-hours include hours paid for holidays and vacations, and for sick leave when pay is received directly from the firm.

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

Gross Average Hourly and Weekly Earnings

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

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

Gross average weekly earnings are derived by multiplying average weekly hours by average hourly earnings. Therefore, weekly earnings are affected not only by changes in gross average hourly earnings but also by changes in the length of the workweek, part-time work, stoppages for varying causes, labor turnover, and absenteeism.

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 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 that 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 *Employment and Wages* (Manpower Administration), *County Business Patterns* (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*.

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 gross 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.

"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 employment, and the payroll aggregates are the product of gross average weekly earnings and production-worker employment.

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 re-hired 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 another establishment of the company.

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 for 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 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 later in table L, 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, Labor Turnover, reprinted from the *Handbook of Methods for Surveys and Studies*, BLS Bulletin 1458—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 non-supervisory-worker data are used to weight the hours and earnings into broader industry groupings. Accordingly, the basic estimating cell for an employment, hours, or earnings series, as the term is used in the summary of computational methods, may be a whole industry or a size stratum, a region stratum, or a size stratum of a region within an industry.

Benchmark Adjustments

Employment estimates are compared periodically with comprehensive counts of employment which provide "benchmarks" for the various nonagricultural industries, and appropriate adjustments are made as indicated. The industry estimates are currently projected from March 1969 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, covering three-fourths of the total nonagricultural employment in the United States, are prepared under the direction of the Manpower Administration. 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 as shown in table E.

Table E. Nonagricultural payroll employment estimates, by industry divisions, as a percentage of the benchmark for 1967-1969

Industry division	1967	1968	1969
Total	100.0	100.4	99.8
Mining	99.5	101.7	101.5
Contract construction . .	101.6	99.5	99.0
Manufacturing	99.5	99.8	99.8
Transportation and public utilities	99.8	100.7	100.4
Wholesale and retail trade	100.7	100.3	100.0
Finance, insurance, and real estate	100.2	99.2	100.0
Services	99.8	99.2	99.1
Government	100.0	102.8	100.1

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.

THE SAMPLE

Design

The sampling plan used in the current employment statistics program is known as "sampling proportionate to average size of establishment." This design is an optimum allocation design among strata since the sampling variance is proportional to the average size of establishments. The universe of establishments is stratified first by industry and then within each industry by size of establishment in terms of employment. For each industry, the number of sample units is distributed among the size class cells on the basis of average employment per establishment in each cell. In practice, this is equivalent to distributing the predetermined total number of establishments required in the sample among the cells on the basis of the ratio of employment in each

cell to total employment in the industry. Within each noncertainty stratum the sample members are selected at random.

Under this type of design, large establishments fall into the sample with certainty. The size of the samples 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 larger 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 smaller 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 F 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 G shows the approximate coverage, in terms of employment, of the 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 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

Table F. Approximate size and coverage of BLS employment and payrolls sample, March 1969¹

Industry division	Number of establishments in sample	Employees	
		Number reported	Per cent of total
Mining	2,300	297,000	49
Contract construction	16,400	773,000	25
Manufacturing	47,000	12,550,000	63
Transportation and public utilities:			
Railroad transportation (ICC)	100	590,000	92
Other transportation and public utilities	7,100	2,082,000	56
Wholesale and retail trade	40,000	2,813,000	20
Finance, insurance, and real estate	9,600	1,243,000	36
Services	23,500	2,377,000	22
Government:			
Federal (Civil Service Commission) ²	3,300	2,737,000	100
State and local	9,600	5,065,000	53

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

² State and area estimates of Federal employment are based on reports from a sample of Federal establishments, collected through the BLS—State cooperative program.

Table G. Approximate size and coverage of BLS job vacancy-labor turnover sample, March 1969

Industry	Employees	
	Number reported	Percent of total
Manufacturing ¹	10,448,400	52
Metal mining	64,400	72
Coal mining	59,000	44
Communication:		
Telephone	605,200	71
Telegraph	22,400	69

¹ Since some establishments do not report the information, job vacancy estimates currently are based on reports from approximately 90 percent of the sample establishments covering about 43 percent of universe employment.

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 H presents the average percent revisions of the 6 most recent benchmarks for major industry divisions. Detailed descriptions of individual benchmark revisions are available from the Bureau upon request.

Table H. Average benchmark percent revision in employment estimates and relative errors¹ for average weekly hours and average hourly earnings by industry division

Industry division	Average benchmark revision in estimates of employment ²	Relative errors (in percent)	
		Average weekly hours	Average hourly earnings
Total nonagricultural employment	0.2	-	-
Total private. . . . .	.2	0.1	0.2
Mining . . . . .	.8	.5	.5
Construction.	1.0	.2	.3
Manufacturing. . . . .	.3	.1	.1
Durable goods . . . . .	.4	.1	.1
Nondurable goods . . . . .	.3	.1	.1
Transportation and public utilities . . . . .	.3	.7	.4
Trade . . . . .	.4	.1	.2
Wholesale	1.1	.2	.3
Retail . . . . .	.3	.2	.2
Finance, insurance, and real estate . . . . .	.5	.2	.4
Services . . . . .	.8	.4	.8
Government ³	-	-	-

¹ Relative errors relate to March 1969 data.

² The average percent revision in employment for the 6 most recent benchmarks (1964-69).

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

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 H and for individual industries with the specified number of employees in table I. The changes 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.

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

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

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

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

Size of employment estimate	Root-mean-square error of employment estimates ¹	Relative errors (in percent)	
		Average weekly hours	Average hourly earnings
50,000	2,000	0.9	1.5
100,000	2,800	.7	1.1
200,000	3,800	.5	.9
500,000	7,500	.4	.8
1,000,000	11,200	.3	.5
2,000,000	17,500	.3	.5

¹ Assuming 12-month intervals between benchmark revisions.

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 J 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. Errors of preliminary employment estimates

Size of employment estimate	Root-mean-square error of	
	Monthly level	Month-to-month change
50,000	700	600
100,000	900	800
200,000	1,800	1,700
500,000	3,000	2,900
1,000,000	5,000	5,000
2,000,000	9,700	9,400
10,000,000	31,400	30,600
Total nonagricultural employment	88,000	80,000

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 K. 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 K. Relative errors of estimates of job vacancy data

Industry	Relative error ¹ (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 & supplies	9
Transportation equipment	11
Instruments & related products	16
Selected nondurable goods industries:	
Textile mill products	4
Apparel and other textile products	4
Printing & publishing	14
Chemicals & allied products	8

¹ 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 date of availability of each series) in a summary volume published annually by the BLS.

Unemployment Insurance Data

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 who worked in firms whose size excluded them from the unemployment insurance laws, as well as many persons engaged in agriculture, domestic service, unpaid family work, selected nonprofit organizations, 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 disputes 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 continues to be unemployed a full week is then counted in the insured unemployment figure.

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

Seasonal Adjustments

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), which may be obtained from the Bureau on request.

For establishment data, the seasonally adjusted series on weekly hours 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. Indexes of aggregate weekly man-hours, seasonally adjusted, for mining, contract construction, and the major industries in manufacturing are obtained by multiplying average weekly hours, seasonally adjusted, by production workers, seasonally adjusted, and dividing by the 1967 base. For total, 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 Post Office Department 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 Post Office Department. Hence, it was considered desirable to exclude this group from the data upon which the seasonally adjusted series is based.

The revised seasonally adjusted series for the establishment data reflect experience through February 1970. Seasonal factors to be used for current adjustment are shown in the June 1970 *Employment and Earnings*, and revisions will be made coincidental with the adjustment of series to new benchmark levels.

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 1970 are published in the February 1971 *Employment and Earnings*. Revisions will be made annually as each additional year's data become available.

The seasonal adjustment method used by BLS requires the use of at least eight years of data, although there are special adjustment programs for as few as three years. Since collection of job vacancy information was begun in January 1969, the data necessary to seasonally adjust this series are not yet available. All job vacancy information published in *Employment and Earnings* is, therefore, on an unadjusted basis.

ATTENTION

As discussed in the Technical Note, the Bureau periodically adjusts the industry employment series to a recent benchmark to improve their accuracy. These adjustments may also affect the hours, earnings, job vacancy, and labor turnover series because employment levels are used as weights. Industry data for all national series shown in this report have been adjusted to March 1969 benchmarks. Data from April 1969 forward are subject to revision at the time of the next benchmark.

Beginning with the June 1970 and subsequent issues of *Employment and Earnings*, the national data in Section B, C, and D supersede those published in previous issues, as well as those appearing in the *Handbook of Labor Statistics, 1970*. Comparable data are published in *Employment and Earnings, United States, 1909-70*, BLS Bulletin 1312-7.

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

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