

EMPLOYMENT AND EARNINGS AND MONTHLY REPORT ON THE LABOR FORCE

Vol. 14, No. 3
September 1967

JOSEPH M. FINERTY, EDITOR KATHRYN D. HOYLE, ASSOCIATE EDITOR

Highlights

A special article by Susan S. Holland (page 11) examines the strides in employment made by Negroes during the past decade, and the comparative disadvantages Negro workers still face.

Establishment data for all National series have been adjusted to March 1966 benchmarks. See article by Arthur C. Spinks (page 27).

Employment estimates for industries not published monthly (page 33).

Industry titles in sections B, C, and D now conform to the Bureau of the Budget's standard list of short titles—definitions unchanged.

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¹Quarterly data included in February, May, August, and November issues.

**SUMMARY EMPLOYMENT AND UNEMPLOYMENT
DEVELOPMENTS, AUGUST 1967**

Employment showed moderate gains in August for the third consecutive month, while the unemployment rate edged down to 3.8 percent, the same as a year ago.

Payroll employment rose by 300,000 (seasonally adjusted) to a new high in August. About half of the improvement, however, was attributable to the return of strikers in the rubber industry and an earlier than usual model changeover in the auto industry. Continued increases in government, services, and trade accounted for the rest of the gain. Manufacturing continued to recover its losses of early spring, although both employment and hours of work are still significantly below levels of the last quarter of 1966.

The number of unemployed persons fell seasonally between July and August to 2.9 million. Since December 1965, unemployment has fluctuated between 2.7 and 3.1 million (seasonally adjusted) and the unemployment rate between 3.5 and 4.0 percent.

The unemployment rate for nonwhites (Negroes make up 92 percent of the total) was 6.9 percent in August. Though down from the May-June rate of 7.8 percent, the rate continues twice as high as that for whites.

Industry Employment

Over the past year, the major sources of employment strength have been government, at all levels, and the service-

producing industries. In contrast, employment in the goods-producing industries is down over the year after a large increase in 1966.

In August, payroll employment rose 300,000 (seasonally adjusted) to 66,250,000. Services and government increased 60,000 and 40,000, respectively. An employment increase of 35,000 in construction was slightly below seasonal expectations for August. Although the housing industry appears to be recovering, construction employment has continued to lag behind year-earlier levels. Gains in residential construction are being partially offset by reduced activity in commercial and industrial construction.

Mainly because of early model changeovers in the auto industry and the settlement of strikes in the rubber industry, manufacturing showed a job gain of 186,000 (seasonally adjusted) between July and August. Manufacturing employment has moved up somewhat from the low May level, but was still down 200,000 from the January peak of 19.6 million.

Excessive inventories--the principal drag on production, employment, and hours in recent months--are now under better control and both sales and new orders have improved. Reflecting this, the average factory workweek edged up to 40.6 hours in August after returning in June to February's 3-year low of 40.3 hours.

	Change from	
	August 1966 to August 1967	August 1965 to August 1966
Total payroll employment	1,866	3,189
Private	1,141	2,421
Goods-producing	- 117	1,303
Service-producing	1,258	1,118
Government	725	768

Hours and Earnings

In August, the workweek for rank and file employees on private payrolls averaged 38.6 hours, down 0.5 hour from the August 1966 level. Despite the drop in hours, weekly earnings--at \$103.05--were up \$3.35 over the year. Both the weekly and hourly earnings of factory production workers were unchanged from the June levels of \$114.50 and \$2.82. Over the year, factory workers' weekly earnings were up \$2.70.

Unemployment

The number of unemployed workers totaled 2,950,000 in August, up 120,000 from August 1966. Among them were 1.0 million adult men, 1.1 million adult women, and 900,000 teenagers (16 to 19 years of age). Unemployment among nonwhites numbered 630,000 in August, one-fifth of the jobless total.

Unemployment rates for adult men were unchanged over the month at 2.4 percent. For married men, the rate was 2.0 percent. For women, the rate moved down to 3.9 percent, while the teenage rate rose to 13.7 percent.

The job situation for well-trained and experienced workers remained relatively

good in August. The unemployment rate was 2.2 percent for white-collar workers and 2.4 percent for skilled craftsmen. Workers with less skill and experience did not fare as well. The unemployment rate for semi-skilled blue-collar workers was 4.8 percent, while unskilled workers had a rate of 7.8 percent.

Insured Unemployment

Insured unemployment under State programs declined to 1.1 million in mid-August. The insured unemployment rate, at 2.7 percent seasonally adjusted, was down slightly over the month.

Thirty-six States reported smaller insured jobless volumes than in the preceding month, with the most substantial declines reported by New York (31,600), Pennsylvania (17,300), Massachusetts (15,700), North Carolina (9,700), and New Jersey (8,100). The largest over-the-month rise was Michigan's 11,800.

Compared with a year earlier, all but seven States had greater volumes of insured joblessness; the largest rises were posted by Ohio (15,600), Pennsylvania (15,300), California (14,500), and Illinois (11,000). New York showed the greatest reduction--5,400.

Weekly State Insured Unemployment Data
(In thousands)
(unadjusted)

Week Ended	Current			Year Earlier		
	Initial claims	Insured unemployment	Rate (percent)	Initial claims	Insured unemployment	Rate (percent)
1967						
July 8 . . .	324.2	1,138.6	2.4	282.9	924.5	2.0
July 15. .	309.1	1,211.6	2.5	245.9	963.2	2.1
July 22. .	282.6	1,184.1	2.4	252.3	947.6	2.1
July 29. .	243.7	1,204.4	2.5	226.3	984.7	2.1
August 5 .	249.9	1,173.5	2.4	227.3	1,020.2	2.2
August 12. .	193.3	1,131.8	2.3	178.8	978.3	2.1
August 19. . .	174.6	-----	---	157.5	926.3	2.0

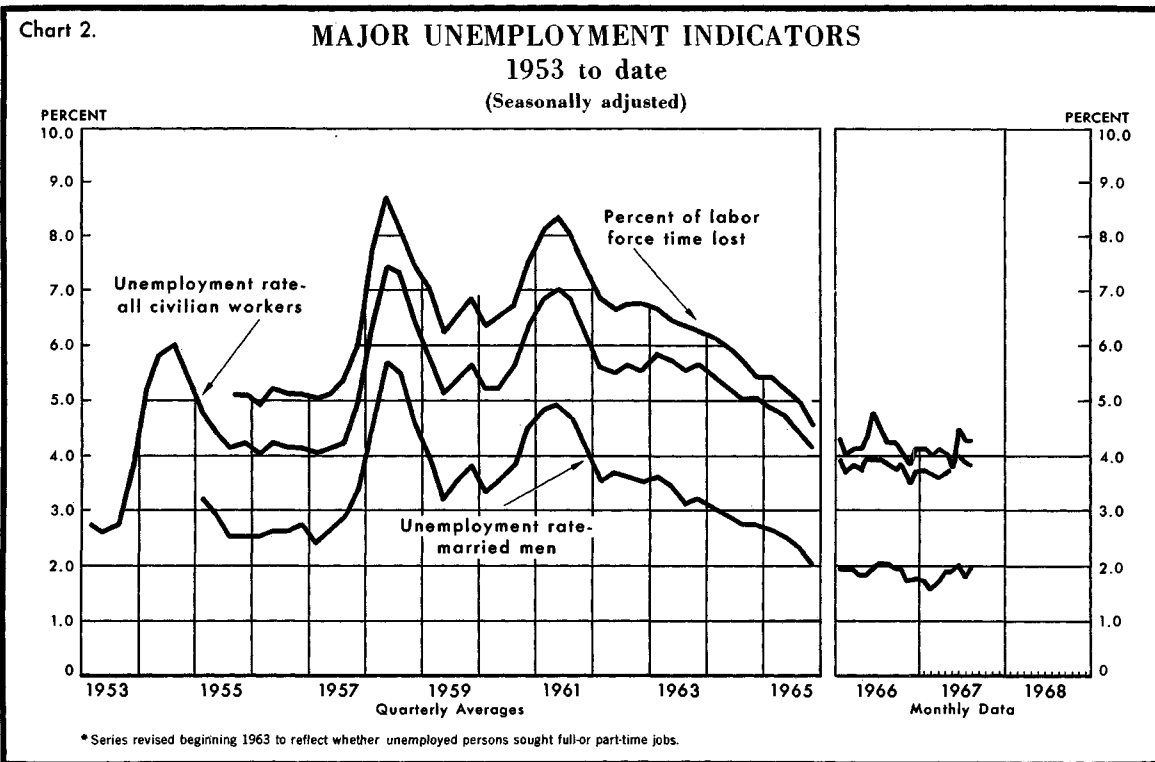
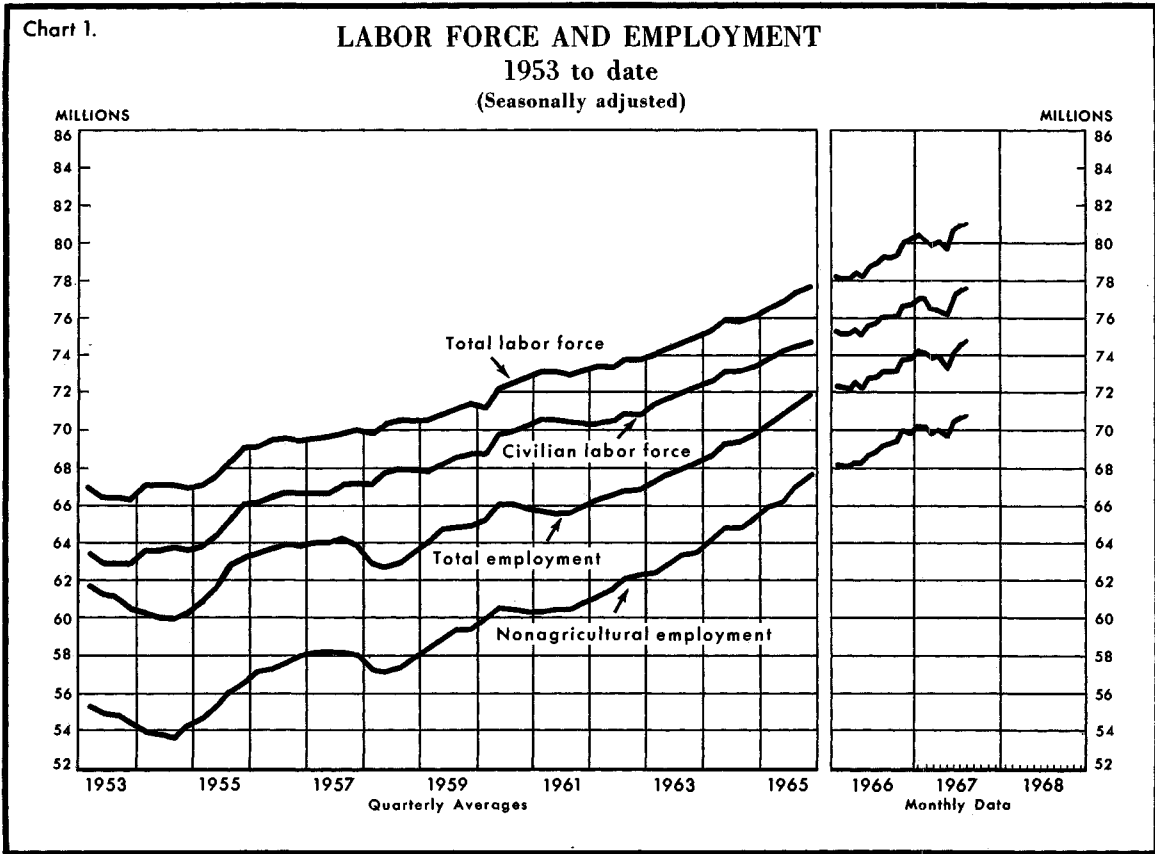
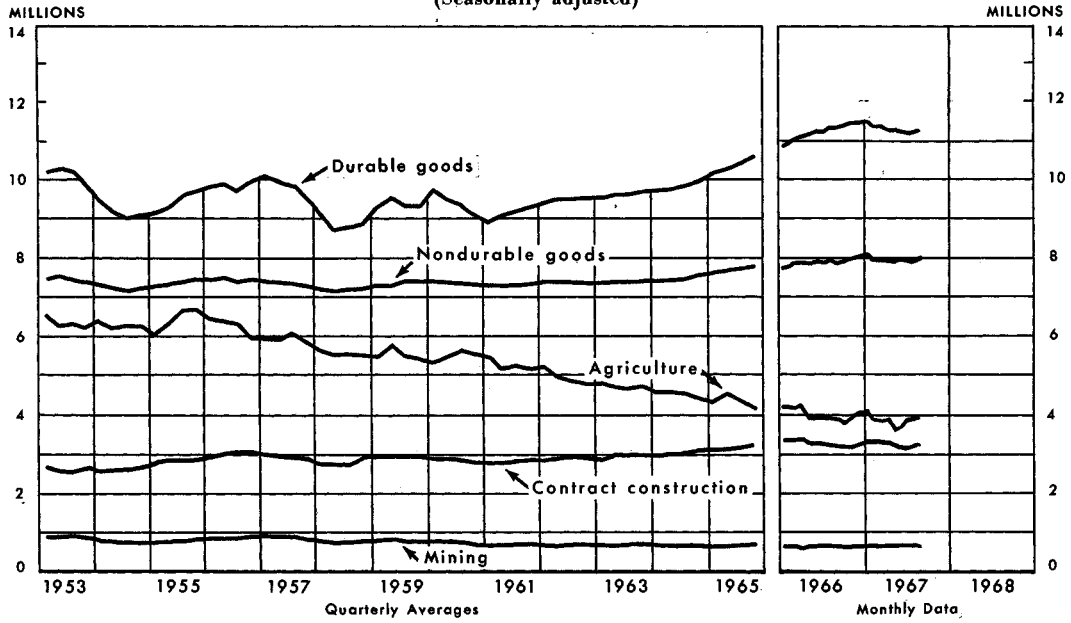


Chart 3.

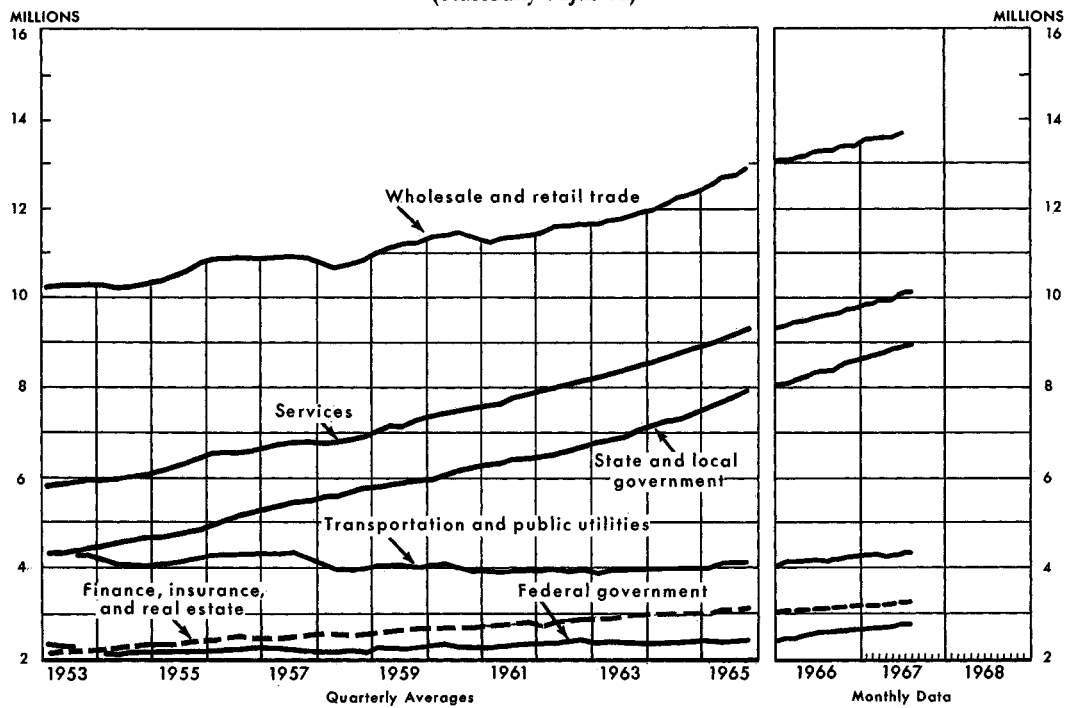
EMPLOYMENT IN GOODS-PRODUCING INDUSTRIES 1953 to date (Seasonally adjusted)



Note: Data for 2 most recent months are preliminary.

Chart 4.

EMPLOYMENT IN SERVICE-PRODUCING INDUSTRIES 1953 to date (Seasonally adjusted)



Note: Data for 2 most recent months are preliminary.

Chart 5.

UNEMPLOYMENT RATES BY AGE AND SEX

1953 to date
(Seasonally adjusted)

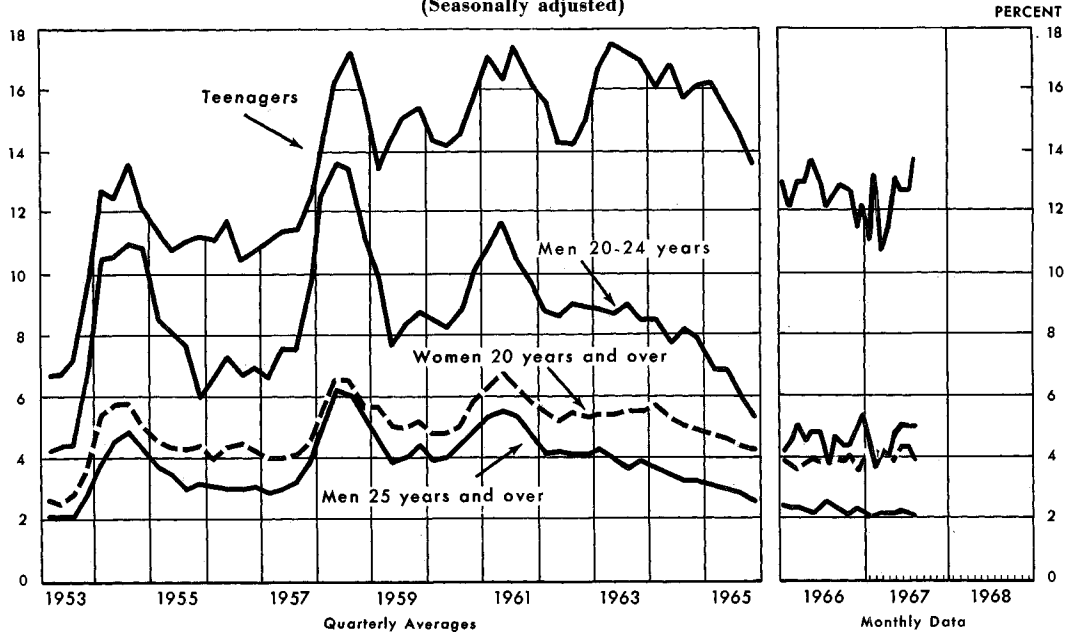


Chart 6.

TOTAL UNEMPLOYMENT BY DURATION

1953 to date
(Seasonally adjusted)

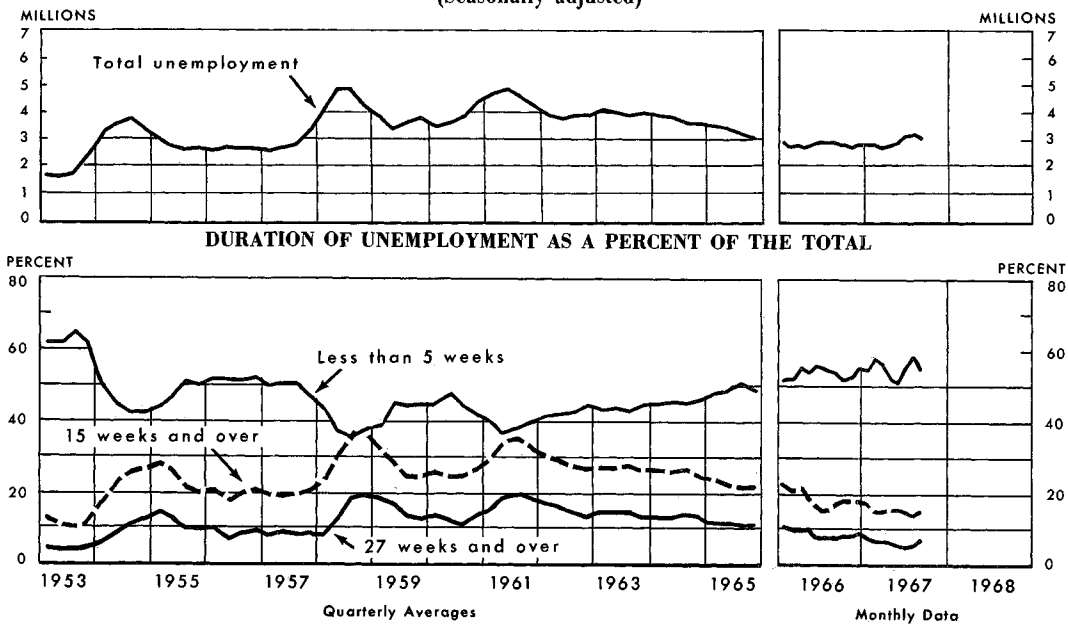
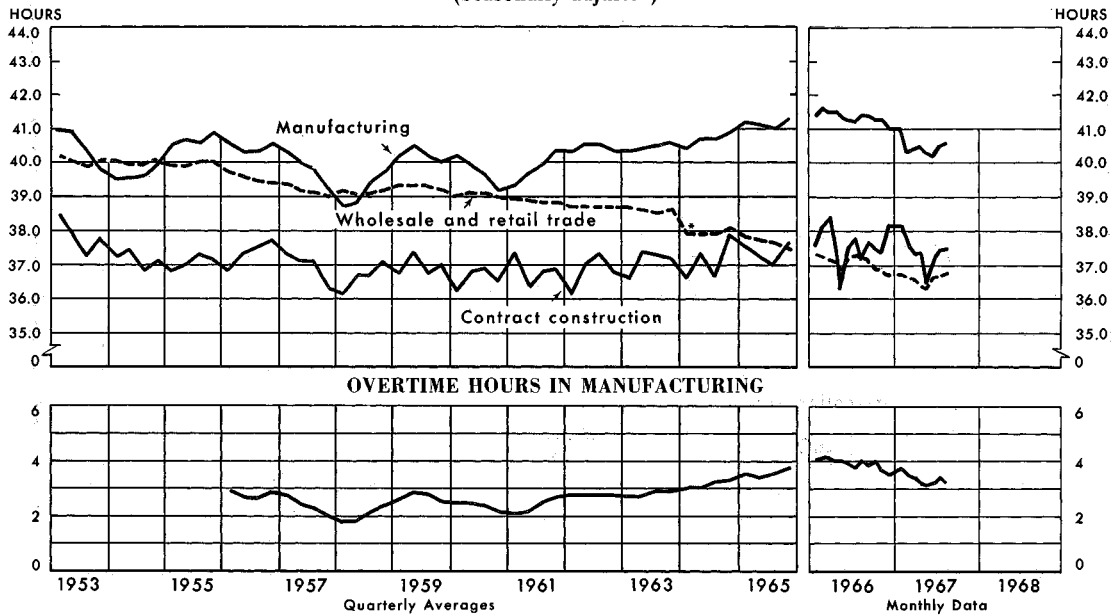
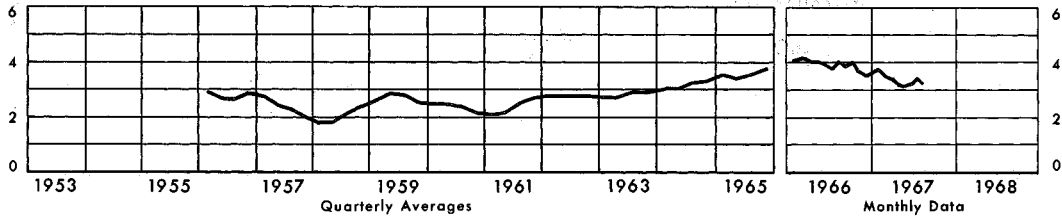


Chart 7.
**HOURS OF WORK IN MANUFACTURING, CONTRACT CONSTRUCTION,
 AND TRADE**
 1953 to date
 (Seasonally adjusted)

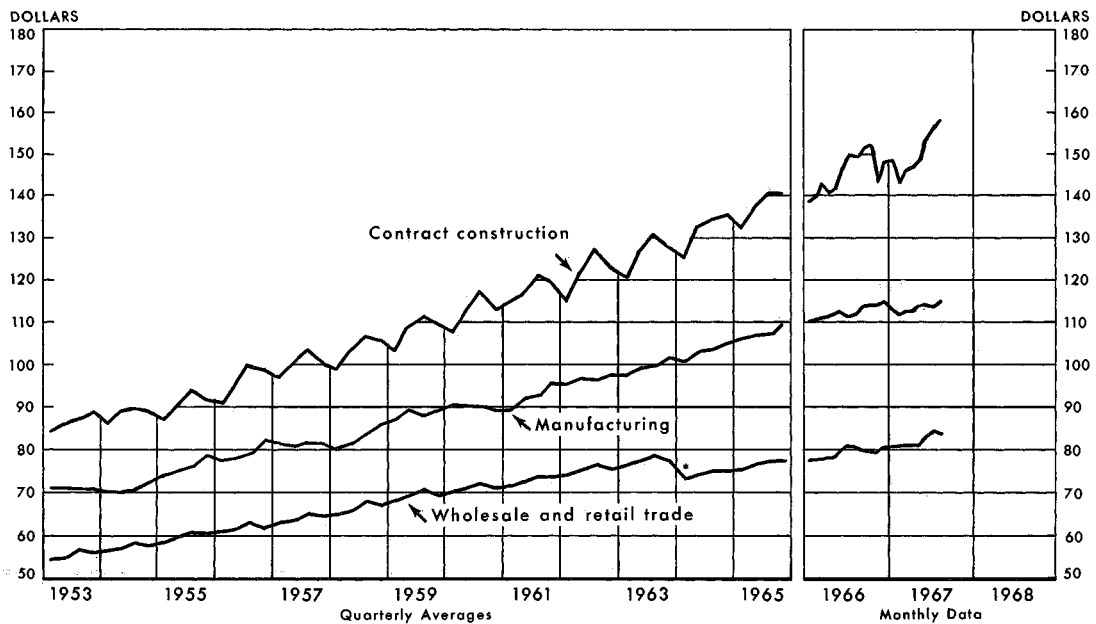


OVERTIME HOURS IN MANUFACTURING

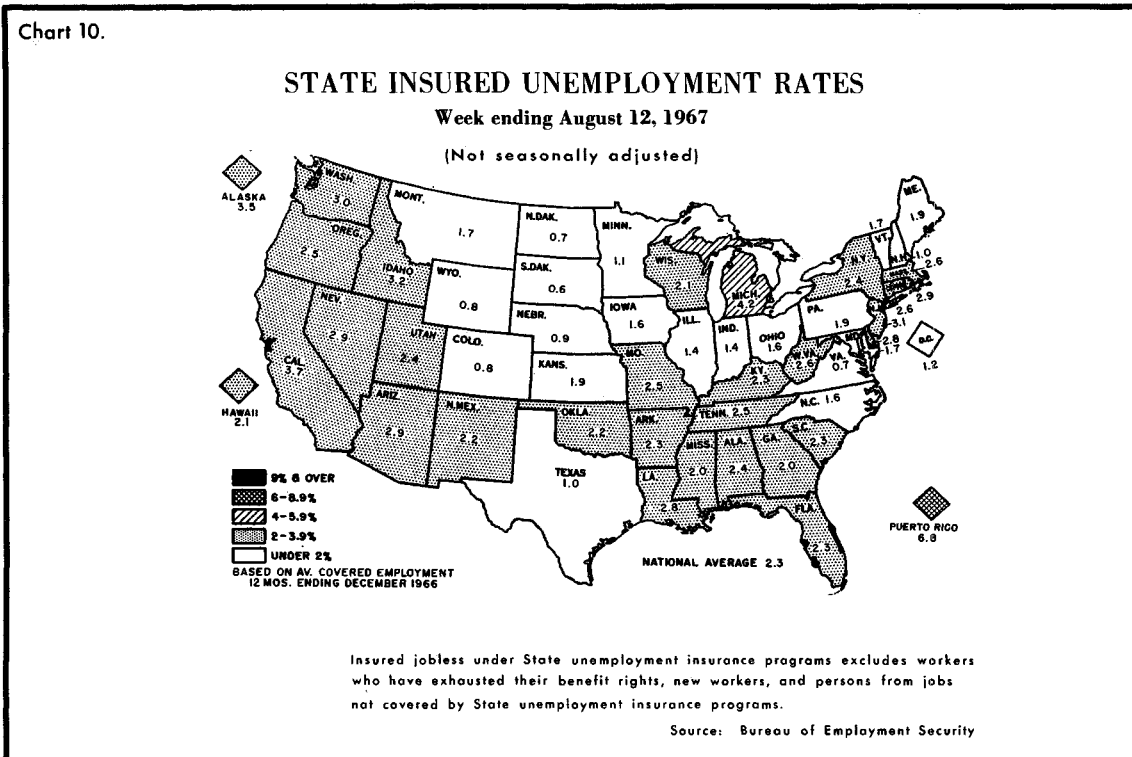
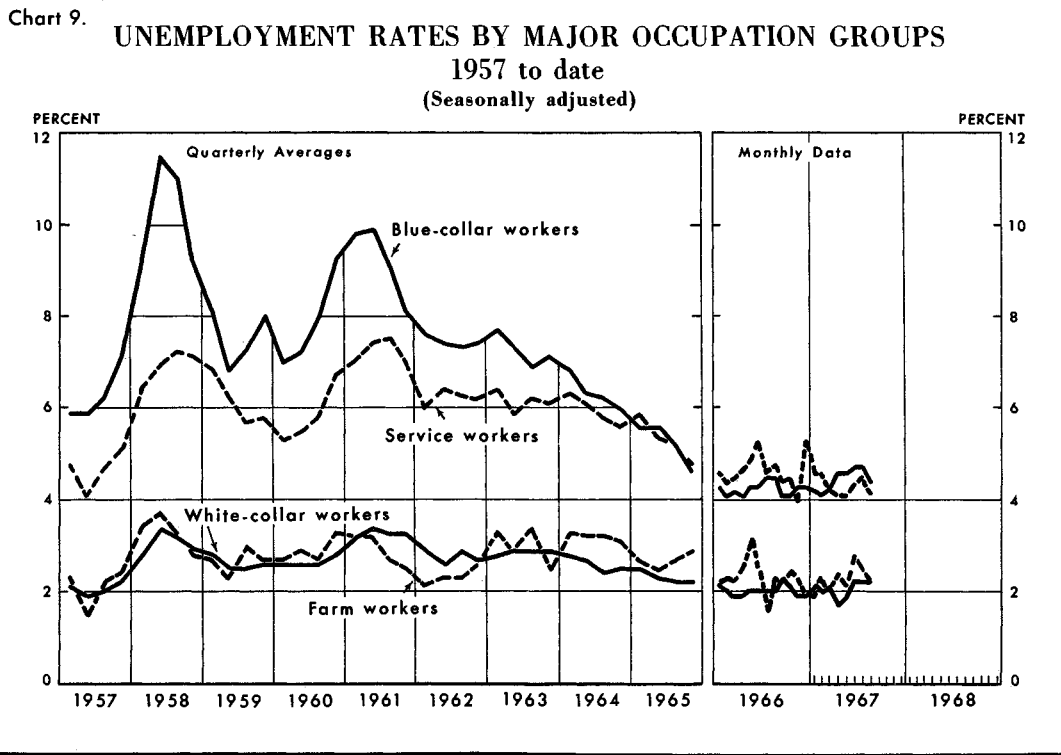


* Includes eating and drinking establishments, not previously available.
 Note: Data for 2 most recent months are preliminary.

Chart 8.
**AVERAGE WEEKLY EARNINGS IN MANUFACTURING,
 CONTRACT CONSTRUCTION, AND TRADE**
 1953 to date



* Includes eating and drinking establishments, not previously available.
 Note: Data for 2 most recent months are preliminary.



THE EMPLOYMENT SITUATION FOR NEGROES

by Susan S. Holland*

During the past decade, employment gains for Negro workers ^{1/} have been substantial. There has also been a significant movement toward better quality jobs. Nevertheless, in 1966 two-thirds of all Negro workers were employed in semi-skilled, unskilled, or service jobs. Moreover, the comparative disadvantage of Negroes--in terms of the type of jobs they hold--has lessened only slightly in the past 10 years. The unemployment rate for Negro workers has been about twice as high as that for whites since 1954. While the Negro-white unemployment disadvantage prevails in all age groups, it is most striking among teenagers.

Employment by Age and Sex

In the last 10 years, total Negro employment rose by 1.3 million or about 20 percent. In percentage terms, the increase in Negro employment was larger than that for whites, which was 15-1/2 percent. However, Negro teenage employment did not rise as rapidly as employment of white teenagers. The employment of white 14-19 year-olds rose by 49 percent between 1956 and 1966, whereas Negro teenage employment increased by only 19 percent.

Negroes have in finding jobs. This is apparent from an examination of employment, unemployment, or unemployment rates. It is not a new problem, but one that has been present since the late 1950's. The unemployment rate for Negro teenagers rose sharply in 1958, and, from 1958 through 1966, it remained between 24 and 30 percent. In other words, 1 out of 4 Negro youngsters seeking work is unsuccessful. The other side of the coin is the relatively slow increase in the employment of Negro youngsters.

A few of the factors contributing to the unfortunate job situation of Negro youth are: (1) their educational backgrounds are usually more limited than those of white teenagers; (2) Negroes of all ages are concentrated more than whites in city slums and rural areas where job opportunities are less abundant; (3) in many areas Negroes continue to face racial discrimination in hiring; and (4) Negro young people, especially those who finish high school, may be reluctant to accept the low skilled and low paying jobs offered to them.

The movement of new jobs into the suburbs and out of the central city in the last decade has been documented by a recent

	Percentage Increase in Employment 1956-66	
	White	Nonwhite
Total, 14 years and over	15.5	20.1
Both sexes, 14-19 years	49.3	18.9
Men, 20 years and over	5.2	13.5
Women, 20 years and over	25.4	30.5

The most striking Negro problem in today's job market is the difficulty young

study. ^{2/} The steady trend of the concentration of new factory and commercial buildings in the ring of metropolitan areas rather than in the central cities is evidenced by the value of building permits issued. This concentration represent a large capital investment, leading to substantial increases in suburban employment, especially in in-

^{1/} Statistics for nonwhite workers from the Current Population Survey are used to measure the employment of Negro workers. Negroes constitute about 92 percent of all nonwhites in the United States.

*Of the Division of Employment and Unemployment Analysis.

^{2/} "The Decentralization of Jobs," May 1967 Monthly Labor Review, pp. 7-13.

dustry, retail and wholesale trade, and technical services. Many of the jobs created are within the capabilities of urban slum residents who need employment opportunities, but most of the new jobs are too distant and difficult to reach.

Young Negroes also have difficulty in finding jobs because they do not have the contacts and connections in the employment market which most white youngsters have. Many young people locate jobs through personal connections and referrals. A friend or relative informs the young jobseeker of an opening or arranges an employment interview for him. Young Negroes are less likely than whites to have these contacts that frequently lead to good jobs.

Employment by Occupation

The objective of the equal employment opportunity principle is that Negroes should have an opportunity to move into the better jobs--those with better pay, better chances for advancement, more security, and more dignity. Traditionally, the majority of Negroes have been concentrated at the bottom of the occupational ladder--in household work, other service occupations, agricultural labor, and unskilled labor in the cities.

Between 1956 and 1966, Negroes made significant employment gains in some white-collar and skilled-labor fields, as compared to the low level of Negro employment at the beginning of the period. As table 1 illustrates, Negro job gains and their occupational upgrading were more rapid in the 1961-66 period than in previous years. The great majority of Negroes remain in unskilled, semiskilled, and service occupations, however.

Table 1 shows the number of Negroes in each occupational group and the extent of change between 1956 and 1966.^{3/} The net increase of 1.3 million jobs over this period included gains of about 325,000 in professional and technical occupations, 400,000 in clerical positions, 250,000 in skilled-labor jobs ("craftsmen and foreman"), and 350,000

each in semiskilled jobs ("operatives") and in service activities. The employment of Negroes in agriculture fell by 500,000 or 50 percent during the decade. Within the service category, there was also a decline of 50,000 household workers, indicating a movement of Negro women out of domestic service jobs and into more desirable openings.

Despite the continued movement of Negro workers into more desirable jobs, it is evident that their occupational upgrading is a painfully slow process. At the end of the decade studied, only 21 percent of the employed Negroes held white-collar jobs, compared to 47 percent of the white workers. Similarly, among skilled craftsmen and foremen the proportions were 7-1/2 percent for Negroes and 13-1/2 percent for whites. In 1966, nearly half (47.6 percent) of all employed Negroes were in household work, other service occupations, or in laboring jobs. Only 17 percent of the employed whites were in service or laboring jobs in 1966.

Table 2 shows the relative share of the jobs held by Negroes in each occupation. Since Negroes held 10.8 percent of all jobs in 1966, they were "under-represented" in the occupations with smaller percentages (all the white-collar and skilled-labor categories), and "over-represented" in those with larger percentages (all the semiskilled, unskilled, and service activities, as well as farm laborers).

^{3/} Statistics based on major occupational groupings mask important differences within the groups. In most cases, Negroes are concentrated in the least skilled and least desirable detailed occupations within each major grouping. For example, in the service worker except private household group, Negroes are over-represented in such occupations as porters, janitors, chambermaids and kitchen workers. Whites in this occupation, in contrast, are primarily protective service workers (policemen, firemen, and guards), barbers, hairdressers, and waiters or waitresses.

Table 1. Nonwhite Employment by Occupation, Annual Averages 1956,^{1/} 1961, and 1966
(Numbers in thousands)

Occupation	1966	1961	1956	Change 1956-66		Change 1961-66		Change 1956-61	
				Number	Percent	Number	Percent	Number	Percent
Total, all occupations.....	7,968	6,936	6,692	1,276	19.1	1,032	14.9	244	3.6
White-collar workers.....	1,659	1,137	775	884	114.1	522	45.9	362	46.7
Professional and technical workers.....	551	319	224	327	144.1	232	72.7	95	42.4
Managers, officials, and proprietors...	208	173	141	67	47.5	35	21.4	32	22.7
Clerical.....	751	534	334	417	124.9	217	40.6	200	59.9
Sales.....	149	111	76	73	96.1	38	34.2	35	46.1
Blue-collar workers.....	3,320	2,712	2,789	531	19.1	608	22.4	-77	-2.8
Craftsmen and foremen.....	600	423	366	234	63.9	177	41.8	57	15.6
Operatives.....	1,785	1,394	1,441	344	23.9	391	28.0	-47	-32.6
Laborers, excluding farm and mine.....	935	895	982	-47	-4.8	40	4.5	-87	-8.9
Service workers.....	2,500	2,275	2,156	344	16.0	225	9.9	119	5.5
Private household.....	941	1,006	990	-49	-5.0	-65	-6.5	16	1.6
Other.....	1,559	1,269	1,166	393	33.7	290	7.1	103	8.8
Farm workers.....	487	811	974	-487	-50.0	-324	-40.0	-163	-16.7
Farmers and farm managers.....	127	201	311	-184	-59.2	-74	-36.8	-110	-35.4
Laborers and foremen.....	360	610	663	-303	-45.7	-250	-41.0	-53	-8.0

^{1/} 1956 averages are based on observations for January, April, July, and October. 1961 and 1966 data are based on 12 month averages.

Negroes or any other population group would never be expected to have strictly proportional representation in all occupations. If the principle of equal opportunity is translated into results, however, Negroes will gradually obtain a more equal share of the better paid jobs.

There is a clear-cut tendency, in the long run, toward upgrading the occupational composition of the labor force as a whole. This means that, if Negroes are to obtain a proportionate share of the better paid jobs, they will have to upgrade more rapidly than whites.

desirable jobs, Negro employment in 1966 was still disproportionately heavy in these occupations.

Table 2 shows that substantial gains have been recorded for Negro workers in the professional, clerical, and skilled craftsmen occupations. Relatively little progress has been made in two white-collar occupations, however. In 1966, Negro workers constituted only about 3 percent of the 12 million managerial and sales workers. Despite improvements in certain occupations, at the recent rate of progress, many years would elapse before the Negroes

Table 2. Nonwhite Employment as a Percent of Total Employment by Occupation

Occupation	1966	1961	1956
Total, all occupations.....	10.8	10.4	10.3
White-collar workers.....	5.0	3.9	3.0
Professional and technical.....	5.9	4.1	3.7
Managers, officials, and proprietors..	2.8	2.4	2.2
Clerical.....	6.3	5.4	3.8
Sales.....	3.1	2.5	1.8
Blue-collar workers.....	12.2	11.4	11.1
Craftsmen and foremen.....	6.3	4.9	4.2
Operatives.....	12.9	11.9	11.3
Laborers, excluding farm and mine.....	25.3	25.7	26.8
Service workers.....	25.8	26.3	28.3
Private household.....	41.8	43.4	46.6
Other.....	21.0	20.1	21.3
Farm workers.....	12.6	15.7	14.9
Farmers and farm managers.....	6.1	7.4	8.5
Laborers and foremen.....	20.2	24.8	22.9

Table 2 is a more exacting test of equal opportunity than table 1. The difference can be illustrated by the case of laboring jobs. The number of Negro farm laborers fell by 300,000 or 46 percent from 1956 to 1966 (table 1); however, the proportion of all farm laboring jobs held by Negroes declined very little--from 23 to 20 percent (table 2). The picture is similar for Negroes in nonfarm laboring jobs and private household work. Despite the movement out of these less

attained "proportional representation" in the more attractive occupations.

Trends in Negro Unemployment

Throughout the postwar period, unemployment has consistently fallen most heavily on the Negro worker. Nonwhites are only 11 percent of the civilian labor force but usually account for over 20 percent of the jobless total, and their unemploy-

ment rate typically has been at least double the jobless rate of white workers.

The Negro unemployment rate--7.3 percent in the first 8 months of 1967--was unchanged from the 1966 average.^{4/} The most recent quarterly averages were 7.3 percent in the fourth quarter of 1966, 7.0 percent in the first quarter of 1967, and 7.7 percent in the second quarter of 1967. The Negro rate, which fluctuates widely over the short run, dropped back to 7.1 percent in July and August 1967. The unemployment rate for all workers--both white and Negro--has showed little change since early 1966. However, the present jobless rate for Negroes is well below the 1964 and 1965 rates (table 3). Moreover, the 7.3 percent rate of 1966 and 1967 is the lowest Negro unemployment rate since the Korean war period.

The employment situation for adult Negro workers improved steadily from 1961 to 1966; especially large gains occurred in the 1964-66 period. The rate for adult Negro men, 4.4 percent in the first 8 months of 1967, was substantially below the 7.7 percent rate of 1964 and the 7.3 percent recorded in 1956. For adult Negro women, the jobless rate was 6.8 percent in 1967, down from 9.0 percent in 1964 and also below the 1956 rate.

The unemployment picture for Negro teenagers, however, has not responded significantly to the general improvement of the past few years. In the first 8 months of 1967, their unemployment rate was 26.9 percent, almost unchanged from the 1964-66 rates and up from 18.2 percent in 1956.

^{4/} Data in the unemployment section pertain to persons 16 years of age and over, while the employment section contained data for workers 14 years and over. Unemployment rates are practically the same whether a 14 or 16 year age cutoff is used. Jobless rates for months and quarters of 1967 are seasonally adjusted.

Comparative Unemployment Among Whites and Negroes

Although there has been a pronounced drop in adult Negro unemployment rates since 1964, the adult white rates have also declined. Therefore, despite the improved job situation for Negro men and women, their unemployment rates have remained about double the white rates. In the first 8 months of 1967, the ratio of the Negro adult male unemployment rate to that for white men was 2.1 to 1, about the same as the ratio in 1965 and 1966 (table 3). The 1967 ratio was somewhat below the 2.3 to 1 of 1964; however, no real progress has been made in reducing the differential in the last 2-1/2 years. The rate for Negro women has remained just about twice the rate for white women since 1964.

Although the declines in adult Negro and white jobless rates have been roughly parallel in recent years, this has not been true for youth. The rate for white 16-19 year-olds has declined steadily--from 14.8 percent in 1964 to 10.5 in the first 8 months of 1967. For Negro teenagers, the jobless rate has remained high and about steady (between 25 and 27 percent) for the last 3-1/2 years. The 1967 rate for white 16-19 year-olds was about equal to the 1956 low, while the Negro rate (26.0 percent) was well above that of 1956 (18.2 percent). Correspondingly, the ratio between the two groups' rates has deteriorated. In both 1956 and 1964, the Negro teenage rate was slightly less than twice as high as the white rate (1.8 to 1). In 1965, the Negro teenage rate was double the white rate; it was 2.3 times as high in 1966 and, by the first 8 months of 1967, the gap had widened to 2.5 to 1.

Negro Unemployment in the Cities

The national averages show that Negro jobless rates are twice as high as those for whites and that, despite the strong economic expansion of the last few years, Negroes have been unsuccessful in closing this gap. In many cities in the United States,

Table 3. Unemployment Rates and Ratios by Color, Age, and Sex,
1956 and 1964-1967

Color, age, and sex	January-August (seasonally adjusted)		Annual averages			
	1967	1966	1965	1964	1956	
<u>Unemployment rate</u>						
Total, both sexes						
White.....	3.4	3.3	4.1	4.6	3.6	
Nonwhite.....	7.3	7.3	8.1	9.6	8.3	
Men, 20 years and over						
White.....	2.1	2.2	2.9	3.4	3.0	
Nonwhite.....	4.4	4.9	6.0	7.7	7.3	
Women, 20 years and over						
White.....	3.7	3.3	4.0	4.6	3.7	
Nonwhite.....	6.8	6.6	7.4	9.0	7.8	
Both sexes, 16-19 years						
White.....	10.5	11.2	13.4	14.8	10.2	
Nonwhite.....	26.0	25.4	26.2	27.2	18.2	
<u>Ratio of nonwhite rate to white rate</u>						
Total, both sexes.....	2.1	2.2	2.0	2.1	2.3	
Men, 20 years and over.....	2.1	2.2	2.1	2.3	2.4	
Women, 20 years and over...	1.8	2.0	1.9	2.0	2.1	
Both sexes, 16-19 years....	2.5	2.3	2.0	1.8	1.8	

however, the Negro employment picture is even more serious than is shown by the national figures.

In the last year, the Labor Department has conducted or sponsored a number of studies on employment and unemployment in the urban areas. Two recent studies of the job situation in large U.S. cities are summarized below. Current information to update the findings for these areas will be forthcoming within the next few months.

Poverty areas of the 100 largest cities.^{5/} In March 1966, the unemployment rate for workers living in poverty areas of big cities (250,000 population or more) was 7.5 per-

cent--about double the rate for the U.S. as a whole. The job situation was even more unfavorable among Negroes. By almost every measure of economic well-being available through the survey, Negroes in

^{5/} These findings are based on special tabulations of data collected in the March 1966 Current Population Survey, in which poverty tracts were identified in SMSA's with a population of 250,000 or more, and the employment characteristics of persons living there were compared with those of city dwellers outside the poverty tracts. See "Poverty Areas of our Major Cities" in the October 1966 Monthly Labor Review, pp. 1105-1110.

poverty areas were less well off than whites in the same type of area: Negroes had higher unemployment rates and less desirable jobs; they worked shorter hours; and Negro men in the central age groups had lower labor force participation rates and higher disability rates. Moreover, the employment situation for Negroes living outside the poverty areas was not substantially better than that for Negroes in poverty. Among whites, the poverty-nonpoverty differences were very sharp.

nonpoverty areas--seemed to have a comparative advantage over Negroes in both areas.

This study pointed up the heavy concentration of Negroes in the most disadvantaged urban areas. Approximately 12 million persons (age 14 years and over) lived in the big city poverty areas in March 1966. Of these 12 million, 42 percent were Negroes, although Negroes constitute only 11 percent of the national

Table 4. Employment Status of Persons 14 Years of Age and Over by Poverty, Non-poverty Area and Color, March 1966

(Numbers in thousands)			
Employment status	: Standard metropolitan : : statistical areas <u>1/</u> :		United States
	: Poverty : Nonpov- : : areas : erty areas:		
Civilian population.....	12,132	62,842	134,767
Nonwhite <u>2/</u>	42.0	6.4	10.7
Civilian labor force...	6,644	36,088	75,060
Nonwhite <u>2/</u>	45.0	7.1	11.0
Employed.....	6,145	34,704	72,023
Nonwhite <u>2/</u>	44.1	6.9	10.6
Unemployed.....	499	1,383	3,037
Nonwhite <u>2/</u>	56.1	13.4	20.9
Unemployment rate.....	7.5	3.8	4.0
Nonwhite.....	9.4	7.2	7.7
White.....	6.0	3.6	3.6

1/ Population of 250,000 or more.

2/ As a percent of total.

In several respects, the employment situation of white workers in poverty areas was better than that of Negro workers in nonpoverty areas. The unemployment rate of white workers in poverty areas was 6 percent; the unemployment rate of Negro workers in nonpoverty areas was 7.2 percent. White workers in poverty areas were more likely than Negroes in nonpoverty areas to have white-collar or skilled jobs. Thus, the white workers in poor neighborhoods--though their employment situation was much worse than that of whites in

population (table 4). Fifty-six percent of all big-city Negroes lived in poverty areas, compared to only 10 percent of the big-city whites.

Employment problems in city slums. About 1 out of every 10 workers in the slums of 13 major cities was unemployed in November 1966--an unemployment rate nearly three times the national average.

This is one of the findings of a special survey conducted by the Labor Department

in 10 poverty areas of selected U.S. cities. In addition, information on the slum areas of Cleveland, Detroit, Los Angeles, and Oakland was obtained from independent studies. ^{6/} The 14 areas covered are generally representative of the worst and poorest city slums in the country.

The disproportionate concentration of nonwhite workers in urban slums areas was most evident from this study. In the 10 slum districts surveyed by the Labor Department, 3 out of every 4 unemployed workers were nonwhite. ^{7/} Nationally, about 3 out of every 15 unemployed persons are nonwhite.

The national figures on unemployment include all persons who were not employed and who actively sought work during the survey period. This is an objective standard which is reasonable and significant for most of the U.S. population, but it provides only a partial indication of the work problems which contribute to poverty in the slums. Many more slum residents have only part-time jobs, are earning too little to meet their own and their families' minimum subsistence needs, or are outside the labor force (though able to work) than are unemployed, in the sense that they are jobless and looking for work.

^{6/} The study in Detroit was conducted by Wayne State University for the Michigan State Employment Commission, and the Oakland study by the University of California; both were approximately concurrent with the other surveys. The studies in Cleveland and Los Angeles were made by the Bureau of the Census during 1965, but the information obtained was judged to be generally representative of the current situation in these cities' slum areas.

^{7/} The term "nonwhite" is used in this section rather than "Negro" because, in individual urban slums, the nonwhite groups other than Negro (Chinese, Japanese, Filipino, and American Indian) may influence the data more than they do on a national basis.

The following points summarize the Department's findings regarding the 800,000 persons of working age in areas covered in its November surveys:

1. About 7 percent of the slum residents with jobs were employed only part time, although they would have preferred full-time work. The comparable figure for the Nation as a whole was 2.3 percent.

2. Nearly two-fifths of the slum area families (and unrelated individuals) reported annual incomes under \$3,000, compared with one-fourth in the United States as a whole.

3. A disproportionately large number of slum residents of working age were neither working nor looking for work, and so were not counted in the labor force. This labor force "nonparticipation rate" was 11 percent among men 20 to 64, compared with only 7 percent in the country generally.

4. A fifth or more of the adult men expected to be part of the population of these slum areas were not located by the November surveys. This finding parallels the Census "undercount" experience for nonwhite men.

As a first approach to measuring the entire area of joblessness and employment hardship, a "sub-employment" index has been constructed, based on these survey findings and other data and on a number of carefully considered estimates and assumptions.^{8/}

The average rate of sub-employment for the 10 slums surveyed was 34 percent. In other words, one out of every three slum residents who was already a worker, or should and could become one with suitable help, was either jobless or not earning enough to live above the poverty level.

^{8/} For an explanation of the sub-employment index and a more detailed report on the November 1966 Urban Employment Survey, see Manpower Report of the President April 1967, pp. 73-88.

Table 5. Unemployment and Sub-employment Rates for Selected Slum Areas, November 1966

Slum Area	Unemployment rate	Sub-employment rate <u>1/</u>
Boston-Roxbury area.....	6.9	24
Cleveland-Hough and surrounding neighborhood <u>2/</u>	15.6	na
Detroit-Central Woodward area <u>2/</u>	10.1	na
Los Angeles-South Los Angeles <u>2/</u>	12.0	na
New Orleans-Several contiguous areas.....	10.0	45
New York:		
Harlem.....	8.1	29
East Harlem.....	9.0	33
Bedford-Stuyvesant.....	6.2	28
Philadelphia-North Philadelphia.....	11.0	34
Phoenix-Salt River Bed area.....	13.2	42
St. Louis-North Side.....	12.9	39
San Antonio-East and West sides.....	8.1	47
San Francisco-Oakland:		
San Francisco-Mission-Fillmore.....	11.1	25
Oakland-Bayside <u>2/</u>	13.0	na

1/ Rounded to nearest whole percentage point. Also see text footnote 8.

2/ Obtained from independent studies, see footnote 6 in text.

NA=not available

HOUSEHOLD CHARACTERISTICS OF THE UNEMPLOYED

The degree of economic hardship resulting from unemployment depends largely on the family responsibilities of unemployed persons. In 1966, household heads accounted for only 36 percent of total unemployment, but represented 60 percent of the labor force. For this reason, it is important to examine the composition of unemployment by household relationship.

Between 1962 and 1966, total unemployment fell from 3.9 to 2.9 million persons, but this decline was distributed unevenly among the major household relationship groups.^{1/} The largest reduction (600,000 out of the 1.0 million total) occurred among male household heads. Unemployment among these family breadwinners fell from 1.4 million in 1962 to 800,000 in 1966, and their share of total unemployment dropped from 36.4 percent to 28.1 percent.

On the other hand, the proportion of unemployment accounted for by "other females" (mainly daughters of the household head) rose from about 13-1/2 to 19 percent. The number of unemployed "other females" showed little change, remaining at about 550,000 in both 1962 and 1966. The stability in this group's unemployment when total joblessness was falling resulted in the sharp

^{1/} In this article, the unemployed have been divided into five major groups: male household heads, female household heads, wives of heads, other males, and other females. The last two groups are primarily relatives of the household head. Unrelated individuals account for about 2 percent of total unemployment and for 5 percent of the other male and other female groups. All figures cited in this article, except those on duration of unemployment, pertain to persons 16 years old and over. The number of unemployed 14 and 15 year-olds was subtracted from the other male and other female categories.

increase in their proportion of the total. There were also moderate increases in the shares of total unemployment represented by female household heads and wives of heads (table 1).

The distribution of unemployment by household relationship differs markedly from the labor force distribution. Male heads, who account for more than half of the labor force (53 percent in 1966), represent only 28 percent of the unemployed. In contrast, the share of the unemployment burden carried by younger members of the household was more than twice as large as their share of the labor force. (See "other males" and "other females" in table 1.)

Shifts in the composition of unemployment by household relationship may stem from: (1) a change in the unemployment rate of a group relative to that of the other groups, (2) a change in the percentage of the labor force represented by each of these groups, or (3) a combination of both. The changes in the last 4 years have resulted almost entirely from the first factor.

The unemployment rate for male household heads has declined more rapidly than that of all other groups. This decline was responsible for most of the drop in the proportion of male heads among the unemployed. A slight decrease in the proportion of the labor force composed of male heads was a minor contributing factor. Similarly, the rise in the proportion of total unemployment represented by "other females" was attributable largely to the slow decline in their unemployment rate relative to that of the other groups.

It is clear that not all the household members have benefited equally from the recent general decline in unemployment. Since male heads, who normally carry the heaviest burden of family responsibility, have expe-

Table 1. Civilian Labor Force and Unemployment by Household Relationship, 1962-1966

(Percent Distribution)

Household Characteristic	1966		1965		1964		1963		1962	
	Civilian Labor Force	Unemploy- ment	Civilian Labor Force	Unemploy- ment	Civilian Labor Force	Unemploy- ment	Civilian Labor Force	Unemploy- ment	Civilian Labor Force	Unemploy- ment
Total, age 16 and over (in thousands).....	75,770	2,875	74,555	3,366	73,091	3,786	71,833	4,070	70,614	3,911
Percent.....	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Male head.....	53.2	28.1	53.6	29.9	54.1	31.3	54.4	33.4	54.8	36.4
Other male.....	10.8	25.9	11.1	27.0	11.2	27.0	11.3	27.3	11.2	25.5
Female head....	7.8	8.0	7.7	7.5	7.5	7.4	7.5	7.1	7.3	6.7
Wife of head...	20.0	18.9	19.5	19.1	19.2	18.4	18.8	17.6	18.7	17.9
Other female...	8.2	19.2	8.0	16.6	8.1	15.9	8.1	14.6	7.9	13.5

rienced the most rapid decline in unemployment since 1962, it would appear that economic hardship from unemployment has eased. Some of the improvement for male heads, however, has been offset by the gradual increase in the share of total unemployment accounted for by female heads. Since female household heads quite often have relatively lower earnings than males and usually do not have other adult workers in the family, job loss may present greater problems for them than for males.

While welfare problems are alleviated through the decrease of unemployment among male household heads, other problems are raised by the continuation of relatively high unemployment among the younger members of the household. The proportion of unemployment accounted for by these youths, most of whom are classified as "other males" and "other females," increased from 39 percent in 1962 to 45 percent in 1966. Although enforced idleness may not impose immediate economic hardship on these young people, it may have adverse

long-run effects because they need jobs to gain the experience that will equip them for life as adult workers.

Color

There are significant differences in the sex and household composition of white and Negro ^{2/}unemployment. For example, women account for a higher proportion of total unemployment among Negroes than among whites (table 2). This difference is due to the higher labor force participation rates of Negro women, many of whom have to work to boost household income to a necessary minimum. Women therefore represent a much larger share of the Negro labor force than of the white.

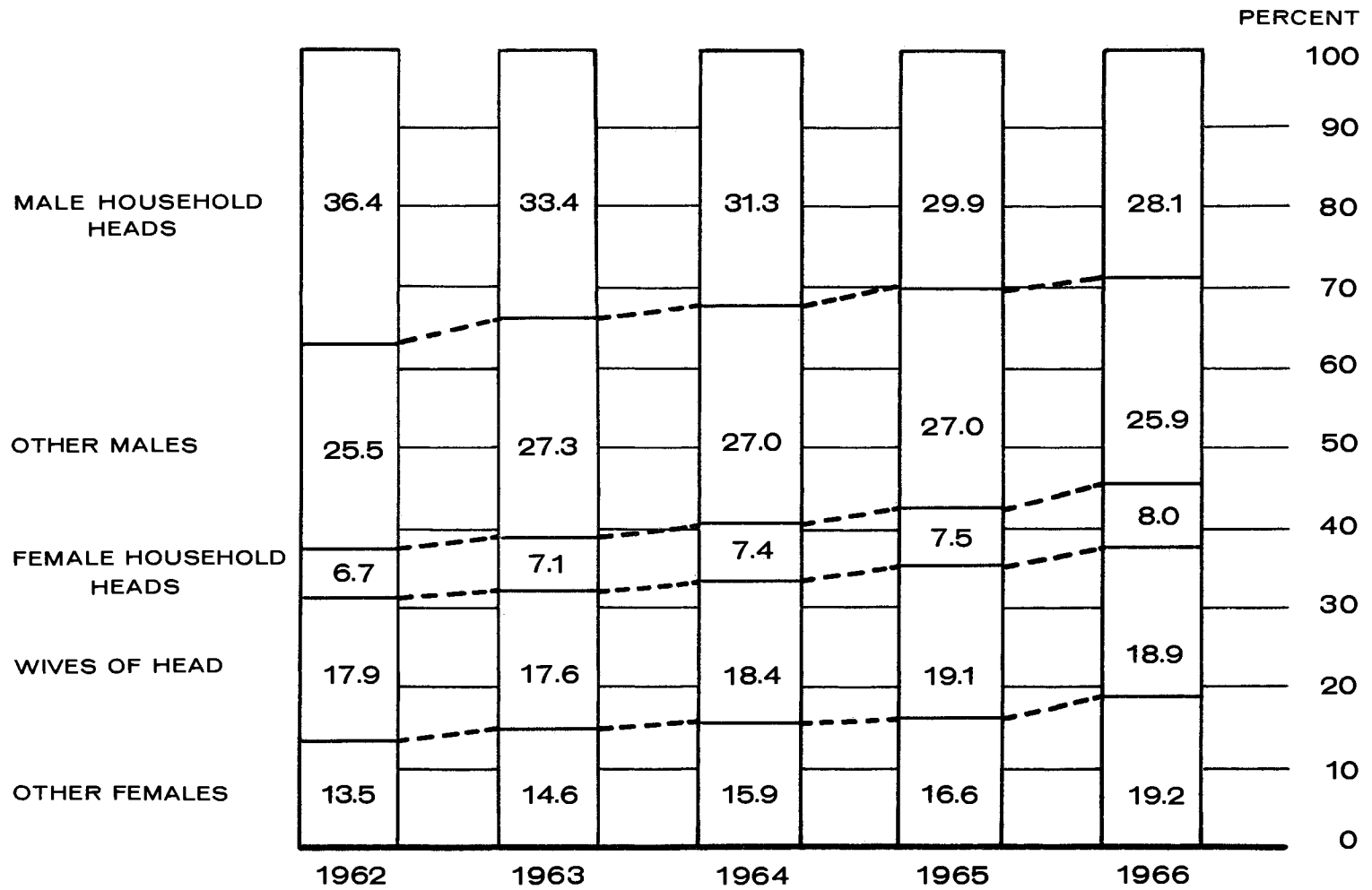
The proportion of white unemployment represented by female household heads has been relatively small and stable, varying

^{2/} The figures in this section refer to all nonwhites, 92 percent of whom are Negroes.

Table 2. Unemployment by Household Relationship and Color, 1963-1966
(Percent Distribution)

Household Characteristic	1966	1965	1964	1963
<u>White</u>				
Total, age 16 and over (In thousands).....	2,253	2,691	2,999	3,208
Percent.....	100.0	100.0	100.0	100.0
Male head.....	29.4	31.0	32.6	34.6
Other male.....	25.7	26.8	26.8	26.9
Female head.....	7.1	6.7	6.9	6.6
Wife of head.....	19.8	19.6	18.8	18.2
Other female.....	18.0	15.9	14.9	13.7
<u>Nonwhite</u>				
Total, age 16 and over (In thousands).....	621	676	786	864
Percent.....	100.0	100.0	100.0	100.0
Male head.....	23.2	25.1	26.4	28.5
Other male.....	26.8	28.1	27.7	29.0
Female head.....	11.3	10.8	9.2	9.1
Wife of head.....	15.4	17.0	16.9	15.5
Other female.....	23.3	19.0	19.7	17.9

COMPOSITION OF UNEMPLOYMENT BY HOUSEHOLD RELATIONSHIP AND SEX



from 6-1/2 to 7 percent in the last 4 years. In contrast, the share of Negro unemployment carried by women household heads rose steadily from 9 percent in 1963 to 11 percent in 1966.

In 1966, for the first time, male household heads constituted less than one-fourth (23 percent) of total Negro unemployment. For whites, the comparable proportion was 29 percent. The color differences for household heads are also apparent in another measure. Among jobless white household heads, men outnumbered women by 4 to 1 in 1966; for Negroes the male-female ratio was only 2 to 1. The higher proportion of women among unemployed Negro heads is in exact relation to the household composition by color. One-third of all Negro households-- compared to only one-fifth of all white-- were headed by women in 1966.

From a general welfare standpoint, it is significant that the proportion of unemployed female household heads should grow, especially among nonwhites. These women are not merely the primary earners in their households, they are usually the sole support. When they lose their jobs, the resulting economic burden may well be greater than that caused by the unemployment of male household heads. The latter were shown in a recent study ^{3/} to be more likely to have other household members in the labor force. Among husband-wife families where the head was unemployed, more than half had another member in the labor force. Among families headed by an unemployed woman, the proportion with another member in the labor force was only one-third.

Unemployment Rates by Household Relationship

In 1966, unemployment rates by household relationship ranged from 2.0 percent

^{3/} "Marital and Family Characteristics of Workers, March 1966," BLS Special Labor Force Report No. 80.

for male heads to 9.4 percent for other relatives of the head (both male and female). Jobless rates for female heads (3.9 percent) and for wives of heads (3.6 percent) fell between the two extremes.

Household heads. Male household heads with wife present have the lowest unemployment rate--1.8 percent in 1966. The rate was even lower for younger men who were more likely to have children in the home. Among male heads with spouse present, the rate was 1.7 percent for the 25 to 34 year age group and only 1.5 for those age 35 to 44 years. On the other hand, male heads living with relatives other than their wives and those not living with relatives had rates of 2.9 and 4.7 percent, respectively. The latter two groups made up relatively small proportions of all male household heads. About 14 percent of all male heads did not live with relatives in 1966, and only 3 percent lived with relatives other than the wife.

Of the unemployed female household heads, 58-1/2 percent lived with relatives in 1966; the remainder lived alone or with persons who were not relatives. The former group had a jobless rate of 4.7 percent in 1966. In contrast to the situation for males, the unemployment rate (3.1 percent) for female heads who did not live with relatives was lower than for those more likely to have family responsibilities. The higher rate for female heads living with relatives is probably due to their more frequent entrance into and exit from the labor force to care for children.

Wives of heads. The share of unemployment accounted for by wives of the household head has increased slightly during the past 4 years in step with their gradually increasing share of the labor force. In 1966, wives accounted for about one-fifth of both the labor force and unemployment.

Although the unemployment rates for male household heads who are most likely to have young children are quite low, the opposite is true for wives. Jobless rates for wives are highest in the younger age

groups--when the bearing and rearing of children often leads to intermittent participation in the labor force. In 1966, unemployment rates ranged from about 11 percent for 16-19 year-old wives down to 2 percent for the 55 years and over age group.

Other relatives of household head. These are the household members who account for a growing share of unemployment; and the median age of this group is constantly declining (table 3). Among unemployed relatives of household heads, about 60 percent of the males and 68 percent of the females were in the 16 to 19 age bracket in 1966, substantially higher proportions than in 1963 (table 3).

This trend is due to the growth of the teenage sector of the population and the labor force and to the failure of the general decline in unemployment to substantially reduce teenage joblessness.

Duration of Unemployment

Although the unemployment rate is relatively low for household heads, once jobless they are likely to remain out of work longer than other household members. The average duration of unemployment in 1966 was 14.4 weeks for male heads and 10.6 for female heads. This compares with an average duration of about 8 weeks for unemployed wives and other relatives.

The longer unemployment experience of family heads is attributable in part to their age. Nearly half of the unemployed household heads, both male and female, are over 45 years of age. In addition to employers' reluctance to hire older workers, the household head's attachment to an occupational specialty is often a cause of prolonged unemployment. Household heads are more likely to qualify for unemployment insurance benefits and may be able to afford a longer

Table 3. Unemployed Relatives of Household Head, Except Wife, by Age and Sex, 1963-1966 (Percent Distribution)

Age and Sex	1966	1965	1964	1963
<u>Male</u>				
Total, age 16 and over (In thousands).....	708	864	961	1,049
Percent.....	100.0	100.0	100.0	100.0
16 and 17.....	30.9	28.1	26.2	23.9
18 and 19.....	28.2	25.7	22.6	23.1
20 to 24.....	20.8	25.0	28.3	27.6
25 to 54.....	18.2	19.3	20.4	23.3
55 and over.....	1.8	1.9	2.4	2.1
<u>Female</u>				
Total, age 16 and over (In thousands).....	525	532	571	559
Percent.....	100.0	100.0	100.0	100.0
16 and 17.....	32.0	28.8	30.2	28.5
18 and 19.....	36.4	35.2	29.7	30.5
20 to 24.....	18.7	21.1	22.6	21.9
25 to 54.....	11.4	13.0	14.5	16.2
55 and over.....	1.3	1.9	3.0	2.9

search than their relatives who are generally younger and are not as selective about employment.

Home ownership and other community ties often make an unemployed household

head less willing to relocate to obtain employment. Also, younger relatives and wives are more likely to leave the labor force after an unsuccessful search for work.

* * *

Table 4. Average Duration of Unemployment by Household Relationship,^{1/} 1964-1966

Household Relationship	Average Duration in Weeks					
	Male			Female		
	1966	1965	1964	1966	1965	1964
All unemployed.....	11.9	12.9	14.5	8.5	10.3	11.6
Household head.....	14.4	15.6	16.6	10.5	13.9	14.0
Living with relatives.....	13.8	15.1	16.1	9.8	13.0	13.6
Married spouse present.....	13.7	15.0	16.0	--	--	--
Other marital status.....	15.6	17.6	18.8	9.8	13.0	13.6
Not living with relatives.....	18.2	18.7	19.6	11.5	15.3	14.5
Wife of head.....	--	--	--	8.0	9.8	11.4
Other relatives of head.....	9.1	10.1	12.0	8.2	9.0	10.7
Nonrelatives of head.....	11.3	12.2	15.1	9.5	11.4	10.5

^{1/}Persons 14 and 15 years old are included in this table (unlike tables 1-3). However, the number of unemployed 14 and 15 year-olds is small and should have only a minor effect on the average duration figures.

BLS Establishment Employment Estimates Revised to March 1966 Benchmark Levels

Arthur C. Spinks*

Complete employment counts, as of March 1966, have been established for the nonfarm segments of industrial activities in the Nation. As a result, estimates of national employment appearing in the establishment data section of this issue of Employment and Earnings and Monthly Report on the Labor Force have been adjusted to the corrected levels. These adjustments generally mean that the employment series have been revised backward to March 1965 and forward to the current month's estimate.

Each year, universe employment counts called benchmarks are determined for non-agricultural establishments and the existing employment estimates are subjected to adjustments to revised levels. A benchmark is established for each of the smallest industrial classifications for which estimates are available and the revisions are made at that industry level. The revised estimates are then aggregated through successively inclusive series to total nonagricultural employment.

Benchmarks serve as a standard by which estimates of employment can be evaluated periodically. They provide the levels to which estimates can be adjusted and from which they can be projected by the use of sample reports. Current estimates of employment consequently are based upon a previous benchmark and a current sample: The benchmark is used to establish the level of employment annually, and the sample is used to measure month-to-month changes to that level. It is with reference to the benchmark that monthly estimates are derived from reports submitted each month by a sample of employers.

Because current employment series are estimates of the universe rather than complete counts, it is necessary to determine at regular intervals the difference between the two measures and to bring the estimates into agreement with the universe.

*Of the Division of Industry Employment Statistics.

Benchmarks and Estimates, March 1966

The March 1966 total benchmark count of 62.3 million workers on establishment payrolls was higher than the estimate by 90,000 -- a difference of only 0.1 percent. The corrections for each of the eight divisions ranged from less than 0.05 percent for Government to 0.6 percent for manufacturing. Even the estimate for contract construction, which presents the most difficult problems in estimation, differed from the benchmark count by only 0.3 percent--the smallest gap experienced in this industry for a number of years. The March 1966 benchmarks and estimates, and the differences between them, are shown in table 1.

The substantially smaller difference between the total benchmark count and the estimate for March 1966 as compared with March 1965 can be accounted for largely in the service division. Improved benchmark data introduced in 1965 caused the unusually large difference in this division at that time.

Table 1. Comparison of BLS Nonagricultural Employment Estimates with March 1966 Benchmarks, by Industry Division (Employment in Thousands)

Industry division	3/66 Benchmark (000)	3/66 Estimate (000)	Difference	
			Amount	Percent
Total	62,333	62,243	- 90	-0.1
Mining	617	620	3	.5
Contract construction ..	2,989	2,981	- 8	-.3
Manufacturing	18,759	18,651	-108	-.6
Durable goods	10,995	10,921	- 74	-.7
Nondurable goods . . .	7,764	7,730	- 34	-.4
Transportation & public utilities	4,064	4,056	8	.2
Wholesale and retail trade	12,808	12,826	18	.1
Wholesale trade . . .	3,354	3,374	20	.6
Retail trade	9,454	9,452	- 2	(1)
Finance, insurance and real estate	3,058	3,043	- 15	-.5
Services	9,299	9,331	32	.3
Government	10,739	10,735	- 4	(1)
Federal	2,460	2,460	0	0
State and local	8,279	8,275	- 4	(1)

¹ Less than 0.05 percent

Table 2. Comparison of BLS Manufacturing Employment Estimates with March 1966 Benchmarks, by Major Industry Group (Employment in Thousands)

Major industry group	Employment		Difference between benchmark and estimate		Difference without classification changes	
	Benchmark	BLS estimate	Number of employees	Percent	Amount	Percent
Manufacturing	18,759	18,651	-108	.6	-85	.5
Durable goods	10,995	10,921	- 74	.7	-59	- .5
Ordnance and accessories	245.1	245.3	.2	.1	5.3	2.2
Lumber and wood products	601.9	609.6	7.7	1.3	6.0	1.0
Furniture and fixtures	453.0	447.6	5.4	- 1.2	- .2	(1)
Stone, clay, and glass products	628.6	625.9	- 2.7	- .4	- 2.4	- .4
Primary metal industries	1,322.5	1,303.4	- 19.1	- 1.4	-12.9	- 1.0
Fabricated metal products	1,324.9	1,326.8	1.9	.1	5.3	.4
Machinery, except electrical	1,870.5	1,828.8	- 41.7	- 2.2	-30.6	- 1.6
Electrical equipment and supplies	1,819.0	1,810.8	8.2	- .5	-17.0	- .9
Transportation equipment	1,892.7	1,886.6	6.1	- .3	-13.8	- .7
Instruments and related products	420.2	413.6	6.6	- 1.6	- 4.8	- 1.1
Miscellaneous manufacturing industries	417.0	422.9	5.9	1.4	6.1	1.5
Nondurable goods	7,764	7,730	- 34	- .4	-26	.3
Food and kindred products	1,691.7	1,674.7	- 17.0	- 1.0	-14.8	.9
Tobacco manufacturers	78.3	78.3	0	0.0	- .3	- .4
Textile mill products	954.2	943.4	- 10.8	- 1.1	-12.7	- 1.3
Apparel and other textile products	1,405.2	1,401.0	4.2	.3	- 2.0	-.1
Paper and allied products	653.1	655.6	2.5	.4	4.8	.7
Printing and publishing	1,000.9	1,005.8	4.9	.5	3.3	.3
Chemicals and allied products	939.4	935.5	3.9	- .4	- 2.4	.3
Petroleum and coal products	181.2	178.7	2.5	- 1.4	- 1.5	- .8
Rubber and plastics products, nec	495.2	497.7	2.5	.5	5.5	1.1
Leather and leather products	365.2	358.8	- 6.4	- 1.8	- 5.4	- 1.5

¹Less than 0.05 percent

About 30 percent of nonagricultural workers are employed in manufacturing industries. Because shifts in the Nation's economy frequently are anticipated from the trends of series within this division, the degree of accuracy of reliability that can be assigned to the estimates over time is of primary importance. Although the estimate fell short of the March 1966 benchmark by a larger amount than experienced in several preceding years, the difference of 0.6 percent is small, nevertheless, and reflects a sustained high degree of estimate accuracy. The importance of manufacturing in size and influence requires that estimates be published in considerable industry detail.

The March 1966 estimates and benchmark levels for the major industry groups in manu-

facturing appear in table 2. Of the 21 major groups in this division, 11 were revised by less than 0.6 percent; the remaining 10 varied from their respective benchmarks between 1.0 percent and 2.2 percent.

Of the 120 published industry group series (components of major industry groups), estimates for 92 were different from their benchmarks by less than 3.0 percent, but 8 were revised by 5.0 percent or more. Only one of the latter group of series, however, fell into the employment-size class of more than 100,000 workers. The distribution of the 120 industry groups, by employment-size class and by percentage adjustment required, is given in table 3. It illustrates the tendency for the amount of relative change to vary inversely with the size of employment.

Table 3. Distribution of 3-Digit SIC Manufacturing Industries; by Size of Industry and Percent Difference Between BLS Estimates and March 1966 Benchmarks

Percent difference	Total number of industries	Size of industry (number of employees)			
		Under 50,000	50,000 to 99,999	100,000 to 199,999	200,000 and over
Total	120	21	32	32	35
0-0.9	46	9	7	14	16
1.0-2.9	46	7	9	12	18
3.0-4.9	20	3	11	5	1
5.0 and over	8	2	5	1	0

Reliability of Employment Estimates

In general, the difference between estimates and benchmarks is assumed to have accumulated at a constant rate over the previous 12 months. The assumption depends largely upon the maximum influence of two factors--sample bias and establishment activity change affecting industry classification within and outside the sample. Most series, therefore, are adjusted by wedging or tapering out the difference over the period from the new benchmark to the preceding one, 12 months earlier. Estimates subsequent to the new benchmark are revised by projecting the new level forward using the sample trend to the current month. The latter part of the revision is then subject to revision when the March 1967 benchmarks are established.

In most instances of recent revisions, the estimates for major industry divisions have varied from benchmarks by less than 1 percent. A comparison of the size of the revisions made since 1962 is presented in table 4.

Why Estimates Differ From Benchmarks

Estimates differ from benchmarks for a number of reasons, the most usual of which is the limitations of the sample in representing the universe--the occurrence of change in the universe not duplicated by the sample. Although a complete monthly count of employment would reflect all changes in the level from month to month, complete coverage involving several million reports each month would be prohibitively expensive compared with the cost of publishing estimates derived

Table 4: Nonagricultural Employment Estimates, by Industry Division, as a Percentage of the Benchmark 1962-1966

Industry division	1966	1965	1964	1963	1962
Total	99.9	99.5	100.0	101.0	99.3
Mining	100.5	99.5	100.0	100.3	99.2
Contract construction	99.7	100.9	101.5	101.5	93.9
Manufacturing	99.4	99.8	100.2	100.1	99.4
Transportation and public utilities	99.8	100.1	100.4	100.0	100.4
Wholesale and retail trade	100.1	99.4	100.4	100.6	100.1
Finance, insurance, and real estate	99.6	100.7	99.4	99.8	99.9
Services	100.3	97.9	99.7	100.8	98.0
Government	100.0	99.8	99.0	103.8	100.0
Federal	100.0	100.0	100.0	100.0	100.0
State and local	100.0	99.7	98.7	¹ 105.1	100.0

¹State and local benchmark derived from October 1962 Census of Governments. Last previous revision of estimates was made to benchmarks based on April 1957 Census of Governments.

from a sample of approximately 150,000 reports which constitute the present BLS sample.

A relatively small sample may be adequate for industries in which employment is either relatively stable or fluctuates in a regular seasonal pattern. Larger samples are required to obtain reliable data from industries where employment is highly responsive to economic changes. Even when the number of sample reports is relatively large, or equals the universe, a significant difference between the estimate and benchmark sometimes does occur. The explanation for such a change to estimates lies in the procedure used in keeping the industrial classification of establishments up to date.

Establishments are classified by industry according to their major activity or product. In a dynamic society, many establishments frequently change the kinds of goods and services they provide. When these changes occur, and the major activity or product falls into a different industry, the establishment is reclassified into that industry. The change in industry classification is not introduced into the industry employment estimates until the benchmark month when adjustments for classification change are made by raising the employment level of the new industry classification by the amount of the employment in the establishment and reducing the employment

for the old industry by the same amount. The total difference between the estimate (reflecting the old classification) and the benchmark (reflecting the new classification) is wedged back over the previous 12-month period. Consequently, even if every establishment were counted, changes in industry classification would require the estimates to be revised.

Benchmark Source Material

The most essential sources of benchmark information are the tabulations by industry and employment-size group of reporting units, compiled annually by the Bureau of Employment Security for the first calendar quarter of the year. These tabulations provide monthly employment counts of establishments covered under State unemployment insurance laws. Each calendar quarter, covered employers file with their respective State employment security agency a report which includes total employment for the week including the 12th for each month of the quarter. State tabulations of these data, summarized according to industry, are sent to the Bureau of Employment Security to be included in the national summaries, which are made available to the Bureau of Labor Statistics for benchmark purposes. These unemployment insurance data account for approximately three-fourths of the total nonagricultural employment benchmark.

The remainder of the benchmark is employment exempt from State unemployment insurance laws. As of January 1966, UI laws in 30 States provided that employers of fewer than a specified number of workers be exempt from coverage. Most nonprofit organizations and specified types of activities are exempt from coverage. For the noncovered employers and for certain nonprofit institutions, data used are obtained from County Business Patterns, published by the Bureau of The Census.

In addition to the above two sources, benchmark data are obtained from a number of public and private agencies including the Interstate Commerce Commission (interstate railroads), the American Hospital Association (private nonprofit hospitals), the U.S.

Office of Education and the National Catholic Welfare Conference (private schools, colleges, and universities), the U.S. Civil Service Commission (Federal government), and the Governments Division of the Bureau of the Census (State and local governments).

The Bureau's reporting sample is also an important source of benchmark information. Since sample reports are current and are reviewed monthly, reporting errors are disclosed that may otherwise remain undetected. The industry classification of each sample establishment is reviewed annually on the basis of information supplied by the employer. Changes in industry classification of sample reports often precede such changes in other sources of information. Insofar as sample reports are known to differ from the corresponding employer's reports included in other benchmark source material, the data in the other sources are modified accordingly.

Sampling Plan

Within the limits of the financial and personnel resources available, the objective is to design a sample which will minimize the error in the resulting estimates.

The sampling plan used in the current employment statistics program is an optimum allocation design known as sampling proportionate to average size of establishment. 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 total sample size 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 among the cells the predetermined total number of establishments required in the sample. This is done on the basis of the ratio of employment in each cell to total employment in the industry. Within each stratum, the sample members are selected at random.

Under this type of sampling, large establishments fall into the sample design with certainty. The size of the samples for the

various industries is determined empirically, on the basis of experience and 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 a complete census of the larger establishments. Only a few are chosen from among the smaller establishments. No smaller establishments are included if the concentration of employment is great enough.

In an industry with a large proportion of total employment in small establishments, the sample design calls for inclusion of all

large establishments and a substantial number of the smaller ones. Many industries in the trade and service divisions fall into this category. In order 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 variation from regular cyclical or seasonal patterns than establishments in manufacturing industries, these smaller samples (in terms of employment) generally produce reliable estimates.

Table 5. Comparison of Manufacturing (2 Digit) Hours, Earnings, and Labor Turnover Estimates
Based on Previous 1965 Benchmarks with Estimates Revised to March 1966 Benchmarks
March 1966

Major industry group	Average weekly hours			Average hourly earnings			Labor turnover rates (per 100 employees)		
	Revised estimate	Previous estimate	Difference	Revised estimate	Previous estimate	Difference	Revised estimate	Previous estimate	Difference
Manufacturing	41.4	41.4	0	\$ 2.68	\$ 2.68	0	4.9	4.9	0
Durable goods	42.2	42.2	0	2.87	2.86	- .01	4.9	4.9	0
Ordnance and accessories	41.8	41.9	+ .1	3.16	3.17	+ .01	3.8	3.7	- .1
Lumber and wood products	40.7	40.6	- .1	2.19	2.19	0	7.2	7.3	+ .1
Furniture and fixtures	41.5	41.5	0	2.17	2.17	0	6.5	6.5	0
Stone, clay, and glass products	42.1	42.1	0	2.68	2.68	0	5.7	5.7	0
Primary metal industries	42.1	42.1	0	3.26	3.25	- .01	3.9	3.9	0
Fabricated metal products	42.2	42.2	0	2.84	2.84	0	5.2	5.2	0
Machinery, except electrical	44.1	44.1	0	3.06	3.06	0	3.8	3.8	0
Electrical equipment supplies	41.3	41.2	- .1	2.62	2.61	- .01	4.8	4.7	- .1
Transportation equipment	42.7	42.7	0	3.27	3.28	+ .01	5.5	5.4	- .1
Instruments and related products	42.3	42.2	- .1	2.70	2.68	- .02	3.7	3.8	+ .1
Miscellaneous manufacturing industries	40.4	40.4	0	2.21	2.21	0	6.8	6.9	+ .1
Nondurable goods	40.2	40.2	0	2.41	2.41	0	4.8	4.8	0
Food and Kindred products	40.5	40.5	0	2.51	2.51	0	5.5	5.5	0
Tobacco manufactures	38.3	38.3	0	2.21	2.21	0	4.3	4.2	- .1
Textile mill products	42.4	42.3	- .1	1.92	1.92	0	5.3	5.3	0
Apparel and other textile products	36.9	36.9	0	1.88	1.88	0	5.8	5.8	0
Paper and allied products	43.4	43.3	- .1	2.71	2.71	0	3.8	3.8	0
Printing and publishing	38.8	38.8	0	3.13	3.12	- .01	3.5	3.5	0
Chemicals and allied products	42.0	42.0	0	2.92	2.92	0	3.5	3.4	- .1
Petroleum and coal products	41.9	41.9	0	3.38	3.38	0	1.9	1.9	0
Rubber and plastics products nec	42.1	42.0	- .1	2.64	2.63	- .01	5.3	5.3	0
Leather and leather products	38.5	38.5	0	1.92	1.92	0	6.0	6.0	0

Relation of Benchmarks to Other Series

The Bureau computes series on average hourly earnings, average weekly hours, and labor turnover rates for a large number of industries. For the primary estimating group (i.e., the most detailed industries) the series are computed directly from reported figures. Series for more inclusive industries, however, require a weighting mechanism to yield meaningful averages. To compute this average for a broader industry grouping, the average in each industry is weighted by the number of workers in that industry. The benchmarks provide a means for maintaining the accuracy of these weights.

Differences between the benchmarks and the estimates may result in a reallocation of weights. To influence the average of a broad group, changes have to be relatively large and must affect industries which have substantially higher or lower averages than the other industries in their group. Only small changes were caused by using employment

figures revised to the latest benchmark (March 1966) as weights for hours, earnings, and labor turnover. There were no changes necessary at the division level with the exception of the average weekly hours estimate for mining which was revised by 0.1 hour and the average hourly earnings estimates for trade and for finance, insurance, and real estate which were adjusted by 1 cent each. Minor changes were also necessary for several of the 2-digit industries; these are summarized in table 5.

Employment for Some Industries not Published Monthly

Monthly employment estimates are published for most of the significant industries in the nonagricultural economy. Those industries for which monthly data are not published are either too small or do not meet established publication standards. (The latter condition is particularly characteristic of service industries). Employment benchmarks for these industries are presented in table 6.

TABLE 6. EMPLOYMENT ESTIMATES FOR INDUSTRIES NOT PUBLISHED MONTHLY
MARCH 1959, 1961, 1962, 1963, 1964, 1965, and 1966

Industry title	Industry code	All employees (in thousands)						
		March 1966	March 1965	March 1964	March 1963	March 1962	March 1961	March 1959
Total industries ¹		62,334	59,069	56,898	55,289	54,230	52,629	52,019
Mining ¹	10-14	617	618	615	614	645	658	731
Lead and zinc ores.....	103	11.5	11.6	11.1	9.7	10.8	10.9	12.3
Other metal ores.....	104-6,8,9	16.9	16.0	15.9	17.3	19.3	21.0	20.6
Anthracite mining.....	11	8.5	9.4	11.6	11.4	12.1	14.1	18.6
Nonmetallic minerals, exc. fuels, n e c	141,5,7-9	39.5	36.8	35.2	34.8	35.4	36.4	35.8
Contract construction ¹	15-17	2,989	2,795	2,668	2,518	2,480	2,457	2,562
Carpentering and flooring	175	87.8	82.7	81.6	74.6	71.1	68.7	70.8
Concrete work.....	177	62.7	57.4	60.3	56.9	56.1	48.7	52.3
Other special trade contractors .	178,9	279.4	258.0	240.5	225.9	226.5	220.1	221.4
Manufacturing ¹	19-39	18,759	17,621	16,968	16,731	16,614	15,915	16,441
Durable goods ¹	19,24,25, 32-39	10,995	10,120	9,665	9,477	9,369	8,803	9,296
Ammunition, exc. for small arms, n e c	1929	25.4	15.5	20.9	21.0	14.7	9.1	9.5
Special product sawmills and planing mills.....	2426,9	39.6	37.9	35.1	33.7	34.2	31.9	35.1
Prefabricated wood structures . .	2433	18.3	16.0	15.4	12.9	13.3	12.6	12.6
Veneer and plywood containers and cooperage.....	2443,5	8.0	8.1	8.3	8.6	9.0	9.5	10.6
Other household furniture	2514,9	35.8	35.4	33.3	33.2	32.9	30.1	34.1
Public building furniture.....	253	27.3	23.2	22.1	20.2	19.6	19.7	20.9
Miscellaneous furniture and fixtures.....	259	22.9	22.6	21.3	20.1	20.1	19.1	21.9
Products of purchased glass ...	323	23.0	21.1	19.6	18.9	18.0	16.2	17.0
Clay refractories	3255	14.9	14.3	13.1	12.8	14.7	14.1	16.1
Other structural clay products..	3253,9	24.0	23.2	24.8	24.1	23.2	23.6	25.8
Cut stone and stone products...	328	17.2	17.9	18.2	17.5	17.5	18.0	18.0
Misc. nonmetallic mineral products.....	329	116.4	109.0	105.6	100.3	100.0	94.0	104.9
Asbestos products	3292	25.7	23.7	23.2	21.9	23.1	22.4	22.2
Misc. nonmetallic mineral products, n e c	3293,5-7,9	64.4	60.7	58.7	55.1	53.7	50.6	54.3
Steel pipe and tubes	3317	27.1	24.6	22.3	21.1	22.7	21.5	26.6
Other basic steel products	3313,5,6	52.5	52.0	48.8	47.9	50.7	44.0	51.4
Primary nonferrous metals	333	60.7	57.8	55.0	52.9	54.0	52.1	57.9
Primary copper.....	3331	16.0	15.4	15.3	15.4	15.9	14.4	14.9
Primary lead	3332	3.4	3.3	3.2	3.2	3.3	4.8	5.4
Primary zinc	3333	9.6	9.3	8.9	8.7	9.0	7.3	9.8
Primary aluminum.....	3334	23.6	22.2	20.7	18.1	17.9	16.3	19.0
Primary nonferrous metals, n e c	3339	8.2	7.6	6.9	7.5	7.9	9.3	8.8
Secondary nonferrous metals....	334	15.5	14.8	13.9	13.8	14.0	12.5	13.2
Nonferrous rolling and drawing, n e c	3356	22.3	19.4	17.7	17.3	17.2	17.3	16.9
Misc. primary metal products, n e c.....	3392,9	22.6	19.8	18.8	17.9	18.1	15.6	14.8

See footnote at end of table.

TABLE 6. EMPLOYMENT ESTIMATES FOR INDUSTRIES NOT PUBLISHED MONTHLY

MARCH 1959, 1961, 1962, 1963, 1964, 1965, and 1966 - Continued

Industry title	Industry code	All employees (in thousands)						
		March 1966	March 1965	March 1964	March 1963	March 1962	March 1961	March 1959
Durable goods—Continued								
Metal barrels, drums, and pails.	3491	11.3	11.1	10.4	10.8	10.8	10.8	10.1
Misc. fabricated metal products, n e c	3492, 3, 6, 7, 9	48.1	45.5	43.6	40.4	37.5	32.4	32.0
Elevators and moving stairways	3534	15.8	15.7	15.1	14.2	13.9	13.1	13.3
Industrial trucks, and tractors .	3537	30.0	25.0	23.4	20.2	19.9	18.7	18.2
Paper industries machinery	3554	20.9	20.1	19.3	18.6	17.5	16.8	15.8
Other special industry machinery	3553, 9	66.1	60.6	57.8	53.8	54.6	51.0	55.6
Blowers and fans.....	3564	28.5	27.4	24.3	24.2	23.2	21.4	21.1
Other general industrial machinery & equip.	3565, 7, 9	60.4	54.1	48.4	47.8	45.7	42.9	39.4
Typewriters	3572	20.4	18.6	18.6	18.9	18.6	20.5	21.6
Scales, balances, & office machines, n e c	3576, 9	26.9	24.8	24.5	24.0	24.8	23.3	22.8
Other service industry machinery	3581, 2, 6, 9	45.2	41.2	39.2	38.7	39.5	36.9	34.5
Carbon and graphite products ..	3624	12.8	12.2	11.8	11.1	11.2	10.8	10.5
Other electrical industrial apparatus	3623, 9	25.0	22.8	20.8	20.3	23.9	22.2	20.6
Sewing machines	3636	8.9	9.1	10.2	9.6	9.5	11.5	10.6
Other household appliances....	3631, 5, 9	38.1	39.0	38.5	36.4	35.7	35.2	37.3
Storage batteries	3691	20.5	19.3	17.8	18.0	17.3	15.8	16.1
Primary batteries, dry and wet .	3692	10.0	8.5	8.5	8.2	9.5	8.3	9.4
Other misc. electrical machinery	3693, 9	16.8	14.6	14.8	15.7	16.7	16.3	16.6
Truck trailers.....	3715	28.5	23.6	22.4	21.2	19.6	15.4	20.1
Locomotives and parts.....	3741	19.7	19.6	17.1	16.1	15.1	12.8	17.2
Railroad and street cars.....	3742	40.1	35.5	32.3	27.0	25.2	21.6	22.2
Optical instruments and lenses, Precious metal jewelry & lapidary work.....	383	16.9	14.6	14.1	13.8	12.7	12.2	10.9
Silverware and plated ware	3911-3	34.4	32.0	30.0	29.7	30.5	28.7	27.6
Miscellaneous manufactures ...	3914	14.3	13.0	12.4	11.5	11.4	13.3	15.0
	398, 9	144.1	140.6	137.6	134.1	133.9	130.0	136.5
Nondurable goods ¹	20-23, 26-31	776.4	7,501	7,303	7,254	7,245	7,112	7,145
Condensed and evaporated milk	2023	13.1	13.7	13.4	14.1	14.5	15.2	16.0
Cheese and creamery butter....	2021, 2	34.8	33.7	34.6	36.6	38.7	40.0	39.4
Dehydrated and pickled foods	2034, 5	29.6	27.0	27.0	26.9	25.9	26.3	25.6
Wet corn milling.....	2046	17.1	17.2	17.0	16.8	16.9	16.4	17.2
Other grain mill products.....	2043-5	22.4	21.5	21.7	21.6	21.0	20.6	20.8
Raw cane sugar.....	2061	9.8	10.1	9.9	9.4	8.6	9.1	9.6
Cane sugar refining	2062	11.6	12.0	12.9	13.2	13.5	14.6	16.3
Beet sugar	2063	9.5	9.2	10.8	7.2	7.0	7.3	7.1
Chocolate and cocoa prod., chewing gum.....	2072, 3	14.2	13.6	15.1	14.6	14.7	14.6	13.5
Distilled liquor, except brandy .	2085	21.6	18.9	19.5	20.1	20.0	20.5	21.3
Other beverages and related prod.	2083, 4, 7	19.5	19.3	18.2	17.3	17.3	17.4	17.8
Vegetable oil mills.....	2091-3	19.5	19.5	19.7	20.1	20.3	21.3	22.6
Miscellaneous food preparations	2094-9	123.8	121.2	120.4	121.2	120.4	118.1	116.3

See footnote at end of table.

TABLE 6. EMPLOYMENT ESTIMATES FOR INDUSTRIES NOT PUBLISHED MONTHLY
MARCH 1959, 1961, 1962, 1963, 1964, 1965, and 1966 - Continued

Industry title	Industry code	All employees (in thousands)						
		March 1966	March 1965	March 1964	March 1963	March 1962	March 1961	March 1959
Nondurable goods—Continued								
Chewing and smoking tobacco..	213	5.0	5.2	5.7	5.7	5.7	5.9	6.5
Tobacco stemming and redrying	214	13.0	12.4	14.1	13.6	14.2	13.7	12.8
Knit fabric and knitting mills, n e c	2256,9	29.7	26.4	25.1	22.3	20.3	19.3	18.3
Yarn mills.....	2281,3	89.2	82.3	79.1	76.2	79.5	76.1	87.1
Yarn throwing, winding, & thread mills	2282,4	25.5	24.5	24.5	23.5	23.3	20.6	21.4
Cordage and twine.....	2298	10.9	10.9	11.5	11.0	10.2	9.6	11.4
Misc. textile goods, n e c	2291-7,9	66.8	60.0	55.5	55.4	56.0	53.5	61.1
Men's and boys' underwear	2322	17.0	15.7	14.3	14.4	14.1	13.1	12.4
Men's and boys' neckwear & clothing, n e c	2323,9	61.3	56.3	52.0	51.5	50.2	45.4	46.0
Children's other outerwear	2363,9	45.0	45.4	39.7	43.1	43.1	40.3	39.5
Fur goods	237	8.3	7.8	8.1	7.9	8.3	7.8	8.8
Miscellaneous apparel & acces.	238	68.9	66.3	63.2	63.9	63.0	59.4	59.6
Fabric dress and work gloves .	2381	15.4	14.8	14.5	14.8	14.4	13.8	14.4
Other apparel and accessories .	2384-7,9	53.5	51.5	48.7	49.1	48.6	45.6	45.2
Textile bags.....	2393	9.1	8.5	8.1	8.7	8.9	9.0	9.1
Other fabricated textile prod. .	2394-7,9	96.8	93.2	85.2	84.6	81.6	79.0	72.8
Other converted paper products.	2641,2, 4-6,7,9	127.0	118.7	112.1	110.7	109.0	102.9	91.6
Sanitary food containers.....	2654	30.0	28.4	30.1	29.8	28.2	27.0	22.4
Fiber cans, drums, & related material	2655	15.2	14.6	14.0	14.0	13.0	10.9	12.6
Engraving and plate printing...	2753	11.1	11.1	10.6	11.0	10.7	10.3	10.5
Greeting card publishing	277	22.5	20.5	19.7	19.5	19.6	19.1	18.5
Misc. publishing & printing ind.	274,6,9	103.0	100.0	96.6	92.5	91.7	89.5	83.7
Industrial gases, crudes, & pig- ments	2813-6	62.1	58.9	56.7	55.0	53.1	51.8	53.4
Synthetic rubber.....	2822	13.8	12.8	13.6	13.4	13.0	11.0	10.1
Other drugs and medicines.....	2831,3	31.2	30.2	29.1	28.9	27.9	26.6	29.0
Polishing, sanitation, & finish- ing preparations.....	2842,3	29.6	29.0	27.9	27.1	27.1	26.9	24.2
Agricultural chemicals, n e c ..	2879	14.1	13.7	13.4	12.5	12.1	11.3	9.2
Gum and wood chemicals	286	6.9	6.9	7.0	8.5	8.2	8.8	7.7
Miscellaneous chemical products	289	80.7	72.0	70.7	73.5	72.6	69.4	70.1
Explosives	2892	23.9	18.2	17.9	20.1	19.7	17.6	17.6
Other chemical preparations ...	2891,3,5,9	56.8	53.8	52.8	53.4	52.9	51.8	52.5
Rubber footwear	302	26.2	29.5	26.7	27.9	26.8	22.9	21.6
Reclaimed and fabricated rubber prod.	303,6	149.7	141.6	135.4	135.4	130.5	118.0	128.3
Footwear cut stock	313	13.6	13.7	13.3	14.6	17.1	17.7	18.2
Luggage	316	20.4	18.3	16.9	16.6	15.7	14.6	15.8
Misc. leather products, n e c ...	312,5,9	17.6	17.5	17.0	16.8	16.7	16.3	17.5

See footnote at end of table.

TABLE 6. EMPLOYMENT ESTIMATES FOR INDUSTRIES NOT PUBLISHED MONTHLY
MARCH 1959, 1961, 1962, 1963, 1964, 1965, and 1966 - Continued

Industry title	Industry code	All employees (in thousands)						
		March 1966	March 1965	March 1964	March 1963	March 1962	March 1961	March 1959
Transportation and public utilities¹	40-49	4,064	3,963	3,869	3,847	3,865	3,846	3,959
Class II railroads	4011-2	15.9	16.5	12.3	13.4	15.0	15.6	17.5
Class I switching and terminal cos.	4013-1	24.6	27.3	32.0	33.4	36.2	35.7	42.9
Class II switching and terminal cos.	4013-2	16.6	12.9	8.6	8.5	9.0	9.7	10.2
Other passenger transit services	414, 5, 7	41.6	37.4	33.6	31.3	27.7	25.3	19.0
Trucking and trucking terminals.	421, 3	888.2	846.5	804.7	793.6	774.2	729.9	725.7
Water transportation	44	231.0	237.1	222.3	224.1	220.8	222.4	231.7
Deep sea transportation	441, 2	83.2	80.4	82.5	83.2	83.4	84.3	83.3
Great Lakes transportation	443	3.0	3.4	2.8	2.2	2.8	2.8	4.0
River, canal and local waters transp.	444, 5	33.6	32.0	29.8	29.2	29.2	27.6	29.5
Water transportation services ...	446	111.2	121.3	107.2	109.5	105.4	107.7	114.9
Air transportation services	458	24.1	22.2	21.5	21.4	21.0	20.2	17.2
Transportation services	47	90.3	83.6	81.5	79.5	76.8	74.6	68.6
Communication services, n e c .	489	7.9	6.3	6.4	4.9	4.3	4.1	1.6
Wholesale and retail trade¹	50, 52-59	12,808	12,242	11,814	11,434	11,213	11,051	10,771
Farm product raw materials	505	93.2	92.4	91.2	91.7	92.3	95.2	91.8
Other general merchandising	534, 5, 9	256.7	249.6	242.9	227.5	224.9	219.2	202.8
Candy, nut, and confectionery stores	544	28.3	28.2	29.1	28.8	28.4	31.9	34.2
Retail bakeries	546	97.4	96.3	95.4	95.3	93.0	94.2	90.7
Other food stores	545, 9	45.3	45.4	46.3	45.2	44.3	45.5	47.3
New and used car dealers	551	691.3	669.3	638.6	620.6	591.9	589.5	602.8
Used car dealers	552	45.0	45.3	44.6	43.2	40.7	41.6	42.1
Women's accessory and specialty stores	563	29.3	29.1	31.2	30.5	32.0	35.2	36.3
Other clothing stores	564, 7-9	37.6	36.6	37.6	37.1	36.7	37.4	38.9
Household appliance stores	572	82.5	81.1	80.4	84.1	87.7	89.8	92.4
Radio, television, and music stores	573	65.5	61.0	58.8	58.3	58.7	56.9	55.1
Book and stationery stores	594	54.9	52.6	50.5	51.3	51.9	53.1	52.8
Jewelry stores	597	67.1	63.8	62.2	61.7	62.7	63.1	64.1
Other retail stores	592, 3, 5, 9	340.1	321.6	310.8	297.7	292.0	271.3	256.4
Finance, insurance, and real estate¹	60-67	3,058	2,978	2,919	2,832	2,757	2,684	2,548
Other credit agencies	611, 3, 5, 6	58.9	57.3	55.3	51.5	46.9	43.3	36.6
Other insurance carriers	635, 6, 9	41.9	41.1	43.9	42.9	39.9	38.9	39.6
Subdividers and developers	655	62.6	59.9	58.2	54.3	43.0	42.3	39.9
Other real estate dealers	651, 3, 4	457.6	449.6	435.9	426.0	424.9	412.5	423.8

See footnote at end of table

TABLE 6. EMPLOYMENT ESTIMATES FOR INDUSTRIES NOT PUBLISHED MONTHLY
MARCH 1959, 1961, 1962, 1963, 1964, 1965, and 1966 - Continued

Industry title	Industry code	All employees (in thousands)						
		March 1966	March 1965	March 1964	March 1963	March 1962	March 1961	March 1959
Finance, insurance, and real estate ¹ —Continued								
Combined real estate, insurance, etc.	66	50.7	51.3	51.8	51.7	53.5	54.3	57.2
Holdings and other investment companies.....	67	29.5	27.8	26.9	25.9	22.8	20.7	18.1
Service and miscellaneous ¹	70-86, 89, 99, 07-09	9,299	8,850	8,229	8,115	7,816	7,470	6,946
Other lodging places.....	702-4	56.2	56.2	48.3	46.2	41.4	41.5	40.6
Photographic studios.....	722	36.2	34.5	33.2	32.7	31.8	32.1	31.7
Beauty shops.....	723	226.1	209.5	195.5	186.6	168.7	156.6	138.1
Barber shops.....	724	69.7	71.5	71.5	71.7	73.7	73.6	73.4
Funeral services and crematories	726	57.7	56.7	55.6	54.6	53.0	51.6	47.7
Garment pressing, alteration, repair.....	727	30.9	31.4	30.0	29.7	31.6	31.5	35.1
Other personal services.....	725, 9	28.3	27.1	26.4	26.8	28.2	28.6	29.6
Duplicating, mailing, stenographic.....	733	65.0	59.4	58.3	57.8	57.4	54.7	53.0
Services to buildings.....	734	194.0	173.4	156.8	144.8	129.1	116.2	92.7
Other business services.....	735, 6, 9	745.3	655.6	591.4	542.7	495.7	447.3	373.2
Auto repair, services, and garages.....	75	334.5	324.4	307.6	296.8	276.8	259.6	239.7
Auto rentals, without drivers....	751	40.5	37.5	33.7	29.3	25.2	23.3	19.5
Automobile parking.....	752	36.4	35.4	34.3	33.9	33.8	33.6	33.2
Auto repair shops and services..	753, 4	257.6	251.5	239.6	233.6	217.8	202.7	187.0
Miscellaneous repair services...	76	161.2	151.9	145.8	143.8	138.3	132.4	124.1
Electrical repair shops.....	762	51.0	48.2	47.3	48.9	47.2	44.9	42.2
Other misc. repair services.....	763, 4, 9	110.2	103.7	98.5	94.9	91.1	87.5	81.9
Motion picture filming.....	7811	35.4	31.1	27.9	28.9	28.6	32.0	25.2
Motion picture distributing.....	7812	13.1	12.8	12.1	12.4	13.4	15.1	18.3
Amusement & recreation services, n e c.....	79	366.4	354.9	342.0	334.9	318.9	306.9	281.2
Bowling and billiard establishments.....	793	101.1	103.1	104.7	105.9	101.9	97.9	77.6
Other indoor amusement & recreation.....	791, 2	65.4	68.1	60.0	59.9	60.7	61.5	65.3
Misc. amusement, recreation services.....	794	199.9	183.7	177.3	169.1	156.2	147.5	138.3
Offices of physicians and surgeons.....	801	293.5	280.7	269.2	259.2	239.4	218.4	207.1
Offices of dentists, dental surgeons.....	802	110.1	105.0	100.9	97.2	92.3	83.4	80.0
Other medical services.....	803, 4, 7, 9	356.5	318.1	278.2	247.8	255.3	230.4	183.7
Other schools & educational services.....	823, 4, 9	70.8	64.9	64.2	60.6	47.8	46.8	57.8

See footnote at end of table.

TABLE 6. EMPLOYMENT ESTIMATES FOR INDUSTRIES NOT PUBLISHED MONTHLY
MARCH 1959, 1961, 1962, 1963, 1964, 1965, and 1966 - Continued

Industry title	Industry code	All employees (in thousands)						
		March 1966	March 1965	March 1964	March 1963	March 1962	March 1961	March 1959
Service and miscellaneous¹-Cont.								
Museums, botanical, zoological gardens	84	13.8	13.8	9.6	9.6	9.2	9.2	7.9
Nonprofit membership organizations	86	1,447.4	1,417.9	1,423.0	1,393.6	1,374.8	1,342.9	1,247.9
Business associations	861	59.5	57.9	58.0	56.2	54.6	52.2	50.5
Labor organizations	863	106.4	110.1	108.5	107.7	107.9	104.4	101.8
Religious organizations	866	889.7	874.1	853.7	829.7	810.3	791.1	726.8
Charitable organizations	867	218.0	215.5	245.6	245.6	245.6	242.3	217.3
Other nonprofit member organizations	862, 4, 5, 9	173.8	160.3	157.2	154.4	156.4	152.9	151.5
Other miscellaneous services ...	893, 9	152.4	144.5	138.6	133.9	129.0	123.0	113.1
Agriculture services, forestry, and fisheries.....	07-09	151.6	142.6	137.5	131.0	127.8	125.7	119.1
Nonclassifiable establishments..	99	21.0	21.6	22.1	19.4	26.0	19.7	53.1
Government ¹	91-93	10,739	10,002	9,574	9,194	8,840	8,548	8,061

¹Includes overall total and industry division totals which are published regularly.

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	Agriculture	Nonagricultural industries	Number	Percent of labor force		
									Not seasonally adjusted	Seasonally adjusted	
Persons 14 years of age and over											
1929.....	(1)	49,440	(1)	49,180	47,630	10,450	37,180	1,550	3.2		(1)
1930.....	(1)	50,080	(1)	49,820	45,480	10,340	35,140	4,340	8.7		(1)
1931.....	(1)	50,680	(1)	50,420	42,400	10,290	32,110	8,020	15.9		(1)
1932.....	(1)	51,250	(1)	51,000	38,940	10,170	28,770	12,060	23.6		(1)
1933.....	(1)	51,840	(1)	51,590	38,760	10,090	28,670	12,830	24.9		(1)
1934.....	(1)	52,490	(1)	52,230	40,890	9,900	30,990	11,340	21.7		(1)
1935.....	(1)	53,140	(1)	52,870	42,260	10,110	32,150	10,610	20.1		(1)
1936.....	(1)	53,740	(1)	53,440	44,410	10,000	34,410	9,030	16.9		(1)
1937.....	(1)	54,320	(1)	54,000	46,300	9,820	36,480	7,700	14.3		(1)
1938.....	(1)	54,950	(1)	54,610	44,220	9,690	34,530	10,390	19.0		(1)
1939.....	(1)	55,600	(1)	55,230	45,750	9,610	36,140	9,480	17.2		(1)
1940.....	100,380	56,180	56.0	55,640	47,520	9,540	37,980	8,120	14.6		44,200
1941.....	101,520	57,530	56.7	55,910	50,350	9,100	41,250	5,560	9.9		43,990
1942.....	102,610	60,380	58.8	56,410	53,750	9,250	44,500	2,660	4.7		42,230
1943.....	103,660	64,560	62.3	55,540	54,470	9,080	43,390	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	55,724	2,852	4.4		44,660
1956.....	113,811	69,409	61.0	66,552	63,802	6,283	57,517	2,750	4.1		44,402
1957.....	115,065	69,729	60.6	66,929	64,071	5,947	58,123	2,859	4.3		45,336
1958.....	116,363	70,275	60.4	67,639	63,036	5,586	57,450	4,602	6.8		46,088
1959.....	117,881	70,921	60.2	68,369	64,630	5,565	59,065	3,740	5.5		46,960
1960.....	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
1966: August.....	131,419	80,665	61.4	77,487	74,666	4,308	70,359	2,821	3.6	3.8	50,755
September.....	131,590	78,982	60.0	75,753	73,248	4,186	69,063	2,505	3.3	3.7	52,609
October.....	131,772	79,488	60.3	76,209	73,744	4,114	69,630	2,466	3.2	3.8	52,285
November.....	131,949	79,895	60.5	76,573	73,995	3,814	70,180	2,577	3.4	3.5	52,054
December.....	132,121	79,642	60.3	76,252	73,599	3,360	70,239	2,653	3.5	3.7	52,479
1967: January.....	132,295	78,706	59.5	75,320	72,160	3,335	68,826	3,160	4.2	3.7	53,589
February.....	132,448	79,107	59.7	75,689	72,506	3,281	69,225	3,183	4.2	3.7	53,341
March.....	132,627	78,949	59.5	75,513	72,560	3,410	69,149	2,954	3.9	3.6	53,678
April.....	132,795	79,560	59.9	76,111	73,445	3,721	69,724	2,666	3.5	3.7	53,234
May.....	132,969	79,551	59.8	76,095	73,637	3,825	69,812	2,457	3.2	3.8	53,419
June.....	133,168	82,464	61.9	79,020	75,391	4,395	70,996	3,628	4.6	4.0	50,704
July.....	133,366	82,920	62.2	79,471	76,221	4,516	71,705	3,250	4.1	3.9	50,446
August.....	133,645	82,571	61.8	79,112	76,170	4,378	71,792	2,942	3.7	3.8	51,074

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
1966: August.....	63,455	53,142	83.7	49,997	48,579	3,426	45,154	1,417	2.8	3.2	10,313
1967: February.....	63,914	51,332	80.3	47,949	46,213	2,857	43,357	1,735	3.6	3.0	12,582
March.....	63,995	51,368	80.3	47,967	46,333	2,932	43,401	1,634	3.4	2.9	12,627
April.....	64,068	51,682	80.7	48,269	46,836	3,130	43,706	1,433	3.0	3.0	12,386
May.....	64,145	51,855	80.8	48,435	47,144	3,143	44,000	1,291	2.7	3.2	12,290
June.....	64,234	53,878	83.9	50,469	48,654	3,493	45,161	1,815	3.6	3.3	10,355
July.....	64,322	54,305	84.4	50,890	49,281	3,572	45,709	1,609	3.2	3.1	10,018
August.....	64,475	54,098	83.9	50,674	49,233	3,456	45,777	1,441	2.8	3.1	10,377
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
1966: August.....	67,965	27,524	40.5	27,491	26,086	882	25,205	1,404	5.1	5.0	40,442
1967: February.....	68,534	27,775	40.5	27,740	26,292	424	25,868	1,448	5.2	5.1	40,758
March.....	68,632	27,581	40.2	27,546	26,226	478	25,748	1,319	4.8	4.9	41,051
April.....	68,725	27,877	40.6	27,842	26,610	591	26,018	1,233	4.4	4.9	40,848
May.....	68,823	27,695	40.2	27,660	26,493	681	25,812	1,166	4.2	4.8	41,128
June.....	68,934	28,585	41.5	28,550	26,738	902	25,835	1,813	6.3	5.2	40,349
July.....	69,044	28,615	41.4	28,580	26,940	944	25,996	1,641	5.7	5.3	40,429
August.....	69,170	28,473	41.2	28,438	26,937	922	26,015	1,501	5.3	5.1	40,697

HOUSEHOLD DATA

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

August 1967

(In thousands)

Age, sex, 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	54,098	83.9	50,674	49,233	1,441	2.8	10,377	171	475	1,391	8,339
16 to 21 years	8,313	79.8	6,862	6,281	581	8.5	2,098	34	296	32	1,735
16 to 19 years	5,337	75.1	4,719	4,264	455	9.6	1,773	28	190	20	1,534
16 and 17 years	2,265	63.4	2,232	1,989	243	10.9	1,305	16	114	12	1,163
18 and 19 years	3,072	86.8	2,487	2,275	212	8.5	468	12	76	8	371
20 to 64 years	46,591	94.0	43,785	42,847	938	2.1	2,954	65	285	803	1,801
20 to 24 years	7,001	92.5	5,482	5,238	244	4.5	568	10	206	38	315
25 to 54 years	32,630	96.7	31,349	30,811	538	1.7	1,106	30	79	395	603
25 to 29 years	5,830	97.6	5,394	5,266	128	2.4	142	3	46	14	79
30 to 34 years	5,251	97.9	4,921	4,851	70	1.4	111	5	11	39	56
35 to 39 years	5,510	97.9	5,226	5,147	79	1.5	116	2	11	41	63
40 to 44 years	5,755	96.7	5,627	5,540	87	1.6	195	6	3	80	107
45 to 49 years	5,451	96.1	5,372	5,279	93	1.7	223	3	5	97	119
50 to 54 years	4,833	93.8	4,809	4,728	81	1.7	318	11	4	124	180
55 to 64 years	6,960	84.5	6,954	6,798	156	2.2	1,279	26	--	370	884
55 to 59 years	4,054	89.9	4,049	3,957	92	2.3	456	8	--	179	269
60 to 64 years	2,906	77.9	2,905	2,841	64	2.2	823	17	--	191	615
65 years and over	2,170	27.7	2,170	2,122	48	2.2	5,650	78	--	568	5,004
65 to 69 years	1,285	44.3	1,285	1,252	33	2.6	1,618	19	--	155	1,443
70 years and over	885	18.0	885	870	15	1.7	4,033	59	--	413	3,561
WHITE MALE											
16 years and over	48,649	84.1	45,530	44,411	1,119	2.5	9,196	148	406	1,145	7,497
16 to 21 years	7,329	80.4	5,993	5,570	423	7.1	1,792	30	247	25	1,490
16 to 19 years	4,674	75.5	4,103	3,781	322	7.9	1,519	24	159	15	1,321
16 and 17 years	1,980	64.0	1,949	1,764	186	9.5	1,115	13	92	9	1,001
18 and 19 years	2,694	87.0	2,153	2,017	137	6.4	404	11	67	6	320
20 to 64 years	41,986	94.4	39,439	38,682	757	1.9	2,489	57	247	663	1,521
20 to 24 years	6,218	92.7	4,833	4,633	200	4.1	489	10	180	32	267
25 to 54 years	29,386	97.1	28,230	27,804	426	1.5	889	27	67	322	474
25 to 29 years	9,872	97.9	9,187	9,038	150	1.6	215	8	49	41	117
30 to 34 years	10,162	97.8	9,788	9,657	131	1.3	226	7	12	93	114
35 to 44 years	9,352	95.4	9,254	9,109	145	1.6	449	11	7	187	244
55 to 64 years	6,382	85.2	6,377	6,245	132	2.1	1,111	21	--	309	780
55 to 59 years	3,712	90.5	3,707	3,630	76	2.1	389	8	--	151	230
60 to 64 years	2,670	78.7	2,670	2,614	56	2.1	722	13	--	158	551
65 years and over	1,988	27.7	1,988	1,949	39	1.9	5,189	67	--	467	4,655
NONWHITE MALE											
16 years and over	5,450	82.2	5,144	4,822	322	6.3	1,180	23	69	246	842
16 to 21 years	984	76.3	869	710	158	18.2	306	4	49	7	246
16 to 19 years	663	72.3	616	483	132	21.5	254	4	31	5	214
16 and 17 years	285	59.9	282	225	57	20.3	190	3	22	3	162
18 and 19 years	378	85.6	334	259	75	22.5	64	1	9	2	51
20 to 64 years	4,605	90.8	4,346	4,165	180	4.1	464	8	38	140	279
20 to 24 years	783	90.8	649	605	44	6.8	80	--	26	5	48
25 to 54 years	3,244	93.7	3,119	3,007	112	3.6	217	3	12	73	128
25 to 29 years	1,209	97.0	1,127	1,079	48	4.2	38	--	8	12	18
30 to 34 years	1,102	92.8	1,065	1,030	35	3.3	86	1	2	27	56
35 to 44 years	933	90.9	927	898	29	3.1	93	2	1	34	55
55 to 64 years	578	77.4	577	554	24	4.1	168	4	--	61	103
55 to 59 years	342	83.5	342	327	15	4.5	67	--	--	28	40
60 to 64 years	236	70.0	235	227	8	3.6	101	4	--	33	64
65 years and over	182	28.3	182	173	10	5.3	462	11	--	101	349

HOUSEHOLD DATA

A-3: Employment status of the noninstitutional population by age, sex, and color--Continued
August 1967
(In thousands)

Age, sex, 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	28,473	41.2	28,438	26,937	1,501	5.3	40,697	35,642	634	835	3,585
16 to 21 years	5,362	52.6	5,343	4,761	582	10.9	4,836	2,207	486	22	2,122
16 to 19 years	3,501	50.4	3,490	3,045	446	12.8	3,439	1,171	304	12	1,951
16 and 17 years	1,391	40.0	1,391	1,225	166	11.9	2,086	477	115	3	1,491
18 and 19 years	2,110	60.9	2,100	1,820	280	13.3	1,353	693	190	9	461
20 to 64 years	24,078	46.3	24,054	23,020	1,034	4.3	27,909	26,276	330	262	1,039
20 to 24 years	4,011	53.3	3,998	3,730	268	6.7	3,516	2,988	249	24	255
25 to 54 years	16,246	46.0	16,236	15,574	662	4.1	19,097	18,274	80	143	599
25 to 29 years	2,516	41.3	2,513	2,379	133	5.3	3,573	3,441	25	16	91
30 to 34 years	2,193	39.7	2,191	2,054	138	6.3	3,325	3,178	17	18	113
35 to 39 years	2,588	44.2	2,586	2,475	111	4.3	3,270	3,125	21	12	113
40 to 44 years	3,052	48.5	3,051	2,932	119	3.9	3,245	3,102	7	26	111
45 to 49 years	3,098	51.1	3,097	3,010	87	2.8	2,965	2,841	11	25	88
50 to 54 years	2,798	50.7	2,798	2,723	74	2.6	2,717	2,587	1	47	82
55 to 64 years	3,821	41.9	3,821	3,716	104	2.7	5,297	5,015	1	95	186
55 to 59 years	2,349	47.8	2,349	2,284	65	2.8	2,563	2,434	1	45	83
60 to 64 years	1,472	35.0	1,472	1,433	39	2.6	2,733	2,580	--	50	103
65 years and over	894	8.7	894	872	21	2.4	9,350	8,195	--	561	595
65 to 69 years	538	15.4	538	521	16	3.1	2,955	2,715	--	77	163
70 years and over	356	5.3	356	351	5	1.4	6,395	5,480	--	483	432
WHITE FEMALE											
16 years and over	24,784	40.2	24,752	23,557	1,195	4.8	36,875	32,490	546	677	3,161
16 to 21 years	4,760	53.7	4,743	4,307	436	9.2	4,108	1,843	419	16	1,831
16 to 19 years	3,105	51.7	3,095	2,765	330	10.7	2,897	949	248	9	1,691
16 and 17 years	1,233	41.2	1,233	1,107	126	10.2	1,760	381	79	3	1,297
18 and 19 years	1,872	62.2	1,862	1,658	204	10.9	1,138	568	169	7	394
20 to 64 years	20,877	45.2	20,855	20,010	845	4.1	25,323	23,918	298	193	914
20 to 24 years	3,525	53.3	3,512	3,293	219	6.2	3,090	2,639	229	17	205
25 to 54 years	13,899	44.4	13,890	13,357	532	3.8	17,397	16,675	68	102	549
25 to 29 years	3,901	38.4	3,896	3,680	217	5.6	6,263	6,023	31	21	189
30 to 34 years	4,806	44.8	4,803	4,623	180	3.8	5,924	5,665	26	29	203
35 to 44 years	5,192	49.9	5,191	5,055	136	2.6	5,209	4,987	12	52	158
55 to 64 years	3,453	41.7	3,453	3,359	94	2.7	4,837	4,604	1	74	159
55 to 59 years	2,121	47.6	2,120	2,061	60	2.8	2,334	2,237	1	33	64
60 to 64 years	1,332	34.7	1,332	1,298	34	2.5	2,503	2,367	--	41	96
65 years and over	802	8.5	802	782	20	2.4	8,654	7,623	--	475	556
NONWHITE FEMALE											
16 years and over	3,689	49.1	3,686	3,380	306	8.3	3,823	3,152	89	158	424
16 to 21 years	602	45.3	600	454	146	24.3	728	364	67	6	291
16 to 19 years	396	42.3	396	280	116	29.2	542	222	56	3	260
16 and 17 years	158	32.7	158	119	39	24.9	326	97	35	--	194
18 and 19 years	238	52.5	238	161	76	32.1	216	125	21	3	67
20 to 64 years	3,200	55.3	3,199	3,010	189	5.9	2,585	2,358	32	69	125
20 to 24 years	487	53.3	486	436	49	10.1	426	349	21	7	49
25 to 54 years	2,346	58.0	2,345	2,216	129	5.5	1,700	1,599	12	41	49
25 to 29 years	808	56.0	808	753	54	6.7	635	596	11	13	15
30 to 34 years	834	58.5	834	784	49	5.9	592	561	1	8	21
35 to 44 years	704	59.8	704	678	25	3.6	473	441	--	20	12
55 to 64 years	368	44.5	368	357	11	2.9	459	411	--	22	27
55 to 59 years	229	49.9	229	223	6	2.5	229	197	--	12	19
60 to 64 years	139	37.7	139	134	5	3.5	230	214	--	9	7
65 years and over	92	11.6	92	90	2	2.0	696	572	--	86	39

HOUSEHOLD DATA

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

Age, sex, and color	Total labor force				Civilian labor force			
	Thousands of persons		Participation rate		Thousands of persons		Participation rate	
	Aug. 1967	Aug. 1966	Aug. 1967	Aug. 1966	Aug. 1967	Aug. 1966	Aug. 1967	Aug. 1966
MALE								
16 years and over.....	54,098	53,142	83.9	83.7	50,674	49,997	83.0	82.9
16 to 19 years.....	5,337	5,252	75.1	73.4	4,719	4,792	72.7	71.6
16 and 17 years.....	2,265	2,172	63.4	61.7	2,232	2,126	63.1	61.2
18 and 19 years.....	3,072	3,080	86.8	84.8	2,487	2,666	84.2	82.8
20 to 24 years.....	7,001	6,482	92.5	92.6	5,482	5,136	90.6	90.9
25 to 54 years.....	32,630	32,404	96.7	96.8	31,349	31,071	96.6	96.7
25 to 34 years.....	11,081	10,799	97.8	97.7	10,315	9,989	97.6	97.6
35 to 44 years.....	11,265	11,387	97.3	97.4	10,854	10,968	97.2	97.3
45 to 54 years.....	10,285	10,218	95.0	95.4	10,181	10,114	94.9	95.3
55 to 64 years.....	6,960	6,847	84.5	84.3	6,954	6,842	84.5	84.3
55 to 59 years.....	4,054	3,969	89.9	89.6	4,049	3,965	89.9	89.6
60 to 64 years.....	2,906	2,878	77.9	78.0	2,905	2,877	77.9	78.0
65 years and over.....	2,170	2,156	27.7	27.9	2,170	2,156	27.7	27.9
WHITE MALE								
16 years and over.....	48,649	47,812	84.1	83.9	45,530	44,933	83.2	83.1
16 to 19 years.....	4,674	4,661	75.5	74.3	4,103	4,236	73.0	72.4
16 and 17 years.....	1,980	1,899	64.0	62.0	1,949	1,856	63.6	61.5
18 and 19 years.....	2,694	2,762	87.0	86.0	2,153	2,380	84.2	84.1
20 to 24 years.....	6,218	5,725	92.7	92.5	4,833	4,499	90.8	90.7
25 to 54 years.....	29,386	29,178	97.1	97.1	28,230	27,954	96.9	97.0
25 to 34 years.....	9,872	9,624	97.9	97.9	9,187	8,885	97.7	97.7
35 to 44 years.....	10,162	10,247	97.8	97.5	9,788	9,860	97.7	97.4
45 to 54 years.....	9,352	9,307	95.4	95.9	9,254	9,209	95.4	95.9
55 to 64 years.....	6,382	6,255	85.2	84.7	6,377	6,250	85.2	84.7
55 to 59 years.....	3,712	3,629	90.5	90.1	3,707	3,625	90.5	90.1
60 to 64 years.....	2,670	2,626	78.7	78.3	2,670	2,625	78.7	78.3
65 years and over.....	1,988	1,994	27.7	28.1	1,988	1,994	27.7	28.1
NONWHITE MALE								
16 years and over.....	5,450	5,330	82.2	82.3	5,144	5,064	81.3	81.5
16 to 19 years.....	663	591	72.3	67.1	616	556	70.8	65.7
16 and 17 years.....	285	273	59.9	59.3	282	270	59.7	59.1
18 and 19 years.....	378	318	85.6	75.5	334	286	84.0	73.5
20 to 24 years.....	783	757	90.8	93.6	649	637	89.1	92.5
25 to 54 years.....	3,244	3,225	93.7	94.4	3,119	3,115	93.5	94.2
25 to 34 years.....	1,209	1,174	97.0	96.8	1,127	1,103	96.7	96.6
35 to 44 years.....	1,102	1,139	92.8	95.7	1,065	1,107	92.5	95.6
45 to 54 years.....	933	912	90.9	89.9	927	905	90.9	89.8
55 to 64 years.....	578	593	77.4	80.4	577	593	77.4	80.4
55 to 59 years.....	342	341	83.5	85.3	342	341	83.5	85.3
60 to 64 years.....	236	252	70.0	74.6	235	252	70.0	74.6
65 years and over.....	182	162	28.3	25.6	182	162	28.3	25.6

HOUSEHOLD DATA

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

Age, sex, and color	Total labor force				Civilian labor force			
	Thousands of persons		Participation rate		Thousands of persons		Participation rate	
	Aug. 1967	Aug. 1966	Aug. 1967	Aug. 1966	Aug. 1967	Aug. 1966	Aug. 1967	Aug. 1966
FEMALE								
16 years and over	28,473	27,524	41.2	40.5	28,438	27,491	41.1	40.5
16 to 19 years	3,501	3,583	50.4	51.2	3,490	3,577	50.4	51.2
16 and 17 years	1,391	1,391	40.0	40.5	1,391	1,391	40.0	40.5
18 and 19 years	2,110	2,192	60.9	61.6	2,100	2,186	60.8	61.5
20 to 24 years	4,011	3,619	53.3	51.7	3,998	3,608	53.2	51.6
25 to 34 years	16,246	15,711	46.0	44.9	16,236	15,696	46.0	44.8
25 to 34 years	4,709	4,335	40.6	38.2	4,704	4,327	40.5	38.2
35 to 44 years	5,640	5,617	46.4	45.7	5,637	5,612	46.4	45.7
45 to 54 years	5,896	5,759	50.9	50.5	5,894	5,757	50.9	50.5
55 to 64 years	3,821	3,696	41.9	41.4	3,821	3,696	41.9	41.4
55 to 59 years	2,349	2,279	47.8	47.5	2,349	2,279	47.8	47.5
60 to 64 years	1,472	1,417	35.0	34.3	1,472	1,417	35.0	34.3
65 years and over	894	912	8.7	9.1	894	912	8.7	9.1
WHITE FEMALE								
16 years and over	24,784	23,848	40.2	39.3	24,752	23,818	40.2	39.3
16 to 19 years	3,105	3,188	51.7	52.3	3,095	3,182	51.6	52.3
16 and 17 years	1,233	1,219	41.2	41.1	1,233	1,219	41.2	41.1
18 and 19 years	1,872	1,969	62.2	62.9	1,862	1,963	62.1	62.9
20 to 24 years	3,525	3,121	53.3	50.8	3,512	3,110	53.2	50.7
25 to 34 years	13,899	13,401	44.4	43.2	13,890	13,387	44.4	43.2
25 to 34 years	3,901	3,545	38.4	35.7	3,896	3,538	38.3	35.7
35 to 44 years	4,806	4,793	44.8	44.1	4,803	4,788	44.8	44.1
45 to 54 years	5,192	5,063	49.9	49.4	5,191	5,061	49.9	49.4
55 to 64 years	3,453	3,314	41.7	40.8	3,453	3,314	41.7	40.8
55 to 59 years	2,121	2,036	47.6	46.7	2,120	2,036	47.6	46.7
60 to 64 years	1,332	1,278	34.7	33.9	1,332	1,278	34.7	33.9
65 years and over	802	827	8.5	8.9	802	827	8.5	8.9
NONWHITE FEMALE								
16 years and over	3,689	3,675	49.1	50.2	3,686	3,672	49.1	50.2
16 to 19 years	396	395	42.3	43.8	396	395	42.3	43.8
16 and 17 years	158	173	32.7	36.9	158	173	32.7	36.9
18 and 19 years	238	222	52.5	51.3	238	222	52.5	51.3
20 to 24 years	487	499	53.3	58.0	486	498	53.3	58.0
25 to 34 years	2,346	2,311	58.0	58.0	2,345	2,311	58.0	58.0
25 to 34 years	808	790	56.0	55.8	808	790	56.0	55.8
35 to 44 years	834	824	58.5	58.1	834	824	58.5	58.1
45 to 54 years	704	697	59.8	60.5	704	697	59.8	60.5
55 to 64 years	368	383	44.5	47.6	368	383	44.5	47.6
55 to 59 years	229	244	49.9	55.5	229	244	49.9	55.5
60 to 64 years	139	139	37.7	38.2	139	139	37.7	38.2
65 years and over	92	85	11.6	11.1	92	85	11.6	11.1

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

August 1967
(In thousands)

Employment status	Total			White			Nonwhite		
	Both sexes	Male	Female	Both sexes	Male	Female	Both sexes	Male	Female
Total noninstitutional population	20,609	10,411	10,198	17,990	9,121	8,869	2,619	1,290	1,329
Total labor force	13,675	8,313	5,362	12,089	7,329	4,760	1,586	984	602
Percent of population	66.4	79.8	52.6	67.2	80.4	53.7	60.5	76.3	45.3
Civilian labor force	12,205	6,862	5,343	10,736	5,993	4,743	1,469	869	600
Employed	11,042	6,281	4,761	9,877	5,570	4,307	1,165	710	454
Agriculture	793	657	137	653	548	104	140	108	32
Nonagricultural industries	10,249	5,624	4,625	9,225	5,022	4,203	1,024	602	422
Unemployed	1,163	581	582	859	423	436	304	158	146
Percent of labor force	9.5	8.5	10.9	8.0	7.1	9.2	20.7	18.2	24.3
Looking for full-time work	836	426	410	602	296	306	233	130	103
Looking for part-time work	328	155	172	256	127	129	71	29	43
Not in labor force	6,934	2,098	4,836	5,901	1,792	4,108	1,033	306	728
Major activity: going to school									
Civilian labor force	157	106	52	143	91	52	15	15	2
Employed	137	88	49	129	81	49	8	8	2
Agriculture	3	3	--	4	4	1	--	--	--
Nonagricultural industries	135	85	50	125	77	48	8	8	2
Unemployed	20	18	3	13	10	3	7	6	--
Percent of labor force	12.7	16.7	(1)	9.2	(1)	(1)	(1)	(1)	--
Looking for full-time work	--	--	--	--	--	--	--	--	--
Looking for part-time work	20	18	3	13	10	3	6	6	--
Not in labor force	781	296	486	666	247	419	116	49	67
Major activity: other									
Civilian labor force	12,048	6,756	5,291	10,594	5,903	4,691	1,454	854	600
Employed	10,905	6,193	4,712	9,748	5,489	4,259	1,157	703	454
Agriculture	790	653	137	649	545	104	142	109	33
Nonagricultural industries	10,114	5,539	4,575	9,100	4,945	4,155	1,015	594	420
Unemployed	1,143	564	579	846	413	433	297	151	147
Percent of labor force	9.5	8.3	10.9	8.0	7.0	9.2	20.5	17.6	24.5
Looking for full-time work	835	425	410	608	301	307	227	124	103
Looking for part-time work	308	139	169	238	112	125	71	27	44
Not in labor force	6,153	1,802	4,350	5,235	1,545	3,690	918	257	661

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

A- 6: Employment status of the noninstitutional population 16 years and over by color, age, and sex

(In thousands)

Employment status and color	Total		Men, 20 years and over		Women, 20 years and over		Both sexes, 16-19 years	
	Aug. 1967	Aug. 1966	Aug. 1967	Aug. 1966	Aug. 1967	Aug. 1966	Aug. 1967	Aug. 1966
TOTAL								
Total noninstitutional population	133,645	131,419	57,365	56,300	62,230	60,969	14,050	14,148
Total labor force	82,571	80,665	48,761	47,889	24,972	23,938	8,838	8,835
Percent of population	61.8	61.4	85.0	85.1	40.1	39.3	62.9	62.4
Civilian labor force	79,112	77,487	45,955	45,205	24,948	23,913	8,209	8,369
Employed	76,170	74,666	44,969	44,169	23,892	22,912	7,309	7,583
Agriculture	4,378	4,308	2,909	2,926	802	741	667	640
Nonagricultural industries	71,792	70,359	42,060	41,244	23,090	22,171	6,641	6,944
Unemployed	2,942	2,821	986	1,035	1,055	1,001	900	784
Percent of labor force	3.7	3.6	2.1	2.3	4.2	4.2	11.0	9.4
Not in labor force	51,074	50,755	8,604	8,413	37,259	37,030	5,212	5,314
WHITE								
Total noninstitutional population	119,504	117,622	51,652	50,704	55,657	54,554	12,195	12,366
Total labor force	73,433	71,659	43,974	43,153	21,679	20,661	7,779	7,849
Percent of population	61.4	60.9	85.1	85.1	39.0	37.9	63.8	63.5
Civilian labor force	70,282	68,750	41,427	40,698	21,657	20,636	7,198	7,418
Employed	67,969	66,648	40,631	39,895	20,792	19,919	6,545	6,835
Agriculture	3,805	3,739	2,578	2,608	672	613	555	517
Nonagricultural industries	64,164	62,910	38,053	37,287	20,120	19,305	5,991	6,317
Unemployed	2,313	2,102	796	803	865	718	652	582
Percent of labor force	3.3	3.1	1.9	2.0	4.0	3.5	9.1	7.8
Not in labor force	46,071	45,962	7,678	7,552	33,977	33,893	4,416	4,517
NONWHITE								
Total noninstitutional population	14,142	13,797	5,713	5,597	6,574	6,415	1,855	1,783
Total labor force	9,138	9,005	4,787	4,737	3,292	3,278	1,059	986
Percent of population	64.6	65.3	83.8	84.6	50.1	51.1	57.1	55.3
Civilian labor force	8,830	8,736	4,528	4,507	3,291	3,277	1,011	951
Employed	8,202	8,016	4,338	4,274	3,100	2,994	764	748
Agriculture	573	567	331	317	130	129	113	122
Nonagricultural industries	7,628	7,449	4,008	3,957	2,970	2,866	651	627
Unemployed	682	719	190	233	191	283	248	203
Percent of labor force	7.1	8.2	4.2	5.2	5.8	8.6	24.5	21.3
Not in labor force	5,003	4,793	926	860	3,281	3,136	796	796

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

August 1967

(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	71,134	66,264	2,486	2,384	3.4	7,978	7,421	557	7.0
16 to 21 years	9,960	8,274	851	836	8.4	2,245	1,917	328	14.6
16 to 19 years	6,298	4,976	713	609	9.7	1,910	1,619	291	15.3
16 and 17 years	2,282	1,666	408	208	9.1	1,341	1,141	200	14.9
18 and 19 years	4,017	3,311	306	400	10.0	570	478	92	16.1
20 years and over	64,836	61,287	1,773	1,776	2.7	6,067	5,801	266	4.4
20 to 24 years	8,794	8,074	270	450	5.1	686	623	63	9.2
25 years and over	56,042	53,213	1,503	1,326	2.4	5,382	5,178	203	3.8
25 to 54 years	44,278	42,134	1,090	1,053	2.4	3,307	3,161	147	4.4
55 years and over	11,764	11,079	412	273	2.3	2,074	2,018	57	2.7
MALE									
16 years and over	48,111	45,498	1,380	1,233	2.6	2,562	2,355	207	8.1
16 to 21 years	5,776	4,827	524	426	7.4	1,086	930	155	14.3
16 to 19 years	3,743	2,994	439	310	8.3	975	831	144	14.8
20 years and over	44,368	42,504	941	923	2.1	1,587	1,524	63	4.0
20 to 24 years	5,279	4,876	175	229	4.3	203	187	16	7.7
25 years and over	39,089	37,628	766	695	1.8	1,385	1,337	47	3.4
25 to 54 years	30,950	29,911	523	516	1.7	400	377	22	5.5
55 years and over	8,140	7,717	243	179	2.2	985	960	25	2.5
FEMALE									
16 years and over	23,023	20,765	1,106	1,151	5.0	5,415	5,065	350	6.5
16 to 21 years	4,184	3,447	327	410	9.8	1,159	987	172	14.8
16 to 19 years	2,555	1,982	274	299	11.7	935	788	147	15.7
20 years and over	20,468	18,783	832	852	4.2	4,480	4,277	203	4.5
20 to 24 years	3,515	3,198	96	221	6.3	483	436	47	9.8
25 years and over	16,953	15,585	736	632	3.7	3,996	3,841	156	3.9
25 to 54 years	13,328	12,223	568	537	4.0	2,908	2,783	124	4.3
55 years and over	3,625	3,362	168	94	2.6	1,089	1,058	32	2.9

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 age and sex

Age	Male				Female			
	Thousands of persons		Unemployment rates		Thousands of persons		Unemployment rates	
	Aug. 1967	Aug. 1966	Aug. 1967	Aug. 1966	Aug. 1967	Aug. 1966	Aug. 1967	Aug. 1966
Total, 16 years and over	1,441	1,417	2.8	2.8	1,501	1,404	5.3	5.1
16 to 19 years	455	381	9.6	8.0	446	403	12.8	11.3
16 and 17 years	243	179	10.9	8.4	166	165	11.9	11.9
18 and 19 years	212	202	8.5	7.6	280	238	13.3	10.9
20 years and over	986	1,035	2.1	2.3	1,055	1,001	4.2	4.2
20 to 24 years	244	217	4.5	4.2	268	252	6.7	7.0
25 years and over	742	818	1.8	2.0	787	749	3.8	3.7
25 to 34 years	198	221	1.9	2.2	271	228	5.8	5.3
35 to 44 years	167	200	1.5	1.8	230	238	4.1	4.2
45 to 54 years	174	166	1.7	1.6	161	178	2.7	3.1
55 to 64 years	156	163	2.2	2.4	104	81	2.7	2.2
65 years and over	92	96	2.3	2.4	65	56	2.8	2.4
60 to 64 years	64	67	2.2	2.3	39	25	2.6	1.8
65 years and over	48	68	2.2	3.2	21	24	2.4	2.6
Household head, 16 years and over	701	735	1.7	1.8	225	245	3.8	4.2
16 to 24 years	87	75	2.8	2.4	22	43	4.6	9.0
25 to 54 years	428	447	1.5	1.6	149	152	4.4	4.6
55 years and over	186	212	2.1	2.5	54	50	2.7	2.5

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

Marital status, age, and color	Male				Female			
	Thousands of persons		Unemployment rates		Thousands of persons		Unemployment rates	
	Aug. 1967	Aug. 1966	Aug. 1967	Aug. 1966	Aug. 1967	Aug. 1966	Aug. 1967	Aug. 1966
Total, 16 years and over	1,441	1,417	2.8	2.8	1,501	1,404	5.3	5.1
Married, spouse present	652	646	1.7	1.7	720	616	4.5	4.1
Widowed, divorced, or separated.....	98	129	3.9	4.7	252	287	4.6	5.2
Single (never married).....	691	642	7.0	6.6	529	501	7.4	7.2
Total, 20 to 64 years of age	938	967	2.1	2.2	1,034	977	4.3	4.2
Married, spouse present	608	582	1.7	1.6	663	575	4.3	4.0
Widowed, divorced, or separated.....	80	117	3.6	4.8	222	252	4.6	5.2
Single (never married).....	249	270	4.7	5.3	150	149	3.8	4.0
White, 16 years and over	1,119	1,099	2.5	2.4	1,195	1,004	4.8	4.2
Married, spouse present	544	528	1.6	1.5	619	493	4.4	3.7
Widowed, divorced, or separated.....	69	91	3.6	4.3	182	153	4.2	3.5
Single (never married).....	505	480	5.9	5.7	394	358	6.2	5.8
White, 20 to 64 years of age	757	745	1.9	1.9	845	698	4.1	3.5
Married, spouse present	505	475	1.5	1.5	575	456	4.2	3.6
Widowed, divorced, or separated.....	56	79	3.4	4.3	155	132	4.1	3.5
Single (never married).....	197	190	4.3	4.3	116	110	3.4	3.4
Nonwhite, 16 years and over	322	319	6.3	6.3	306	400	8.3	10.9
Married, spouse present	107	119	3.3	3.6	101	123	5.9	7.1
Widowed, divorced, or separated.....	29	38	4.8	6.2	70	134	6.3	12.1
Single (never married).....	186	162	14.8	13.7	135	143	15.9	17.2
Nonwhite, 20 to 64 years of age	180	223	4.1	5.1	189	279	5.9	8.7
Married, spouse present	103	107	3.3	3.4	88	119	5.3	7.1
Widowed, divorced, or separated.....	24	37	4.4	6.5	67	121	6.4	11.8
Single (never married).....	53	78	8.0	11.7	34	39	7.0	8.1

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

Occupation	Thousands of persons		Unemployment rates					
			Total		Male		Female	
	Aug. 1967	Aug. 1966	Aug. 1967	Aug. 1966	Aug. 1967	Aug. 1966	Aug. 1967	Aug. 1966
Total.....	2,942	2,821	3.7	3.6	2.8	2.8	5.3	5.1
White-collar workers.....	823	722	2.3	2.1	1.2	1.3	3.7	3.1
Professional and technical.....	171	188	1.8	2.1	1.0	1.4	3.2	3.3
Managers, officials, and proprietors.....	73	71	.9	.9	.7	.7	2.3	2.0
Clerical workers.....	440	356	3.4	2.8	1.8	1.9	4.0	3.2
Sales workers.....	139	107	3.0	2.3	2.1	1.9	4.1	3.0
Blue-collar workers.....	1,130	1,127	3.8	3.8	3.4	3.5	6.0	5.8
Craftsmen and foremen.....	182	211	1.8	2.0	1.8	2.0	2.5	2.5
Carpenters and other construction craftsmen.....	73	98	2.4	3.0	2.4	3.0	(1)	--
All other.....	109	113	1.5	1.6	1.5	1.6	(1)	2.6
Operatives.....	695	660	4.6	4.5	3.9	3.9	6.3	5.8
Drivers and deliverymen.....	90	93	3.4	3.4	3.1	3.4	(1)	(1)
All other.....	605	567	4.9	4.7	4.1	4.1	6.2	5.8
Nonfarm laborers.....	253	256	5.9	5.9	6.0	5.8	3.8	10.6
Construction laborers.....	71	72	7.6	7.8	7.6	7.8	--	--
All other.....	182	184	5.4	5.4	5.5	5.2	3.9	10.8
Service workers.....	411	487	4.2	5.0	3.5	3.5	4.6	5.9
Private household.....	62	118	3.7	6.0	3.5	(1)	3.7	6.1
All other.....	349	369	4.4	4.8	3.5	3.5	5.0	5.8
Farmers and farm laborers.....	72	73	1.7	1.8	1.7	2.0	2.0	1.2
No previous work experience.....	505	412	--	--	--	--	--	--
16 to 19 years.....	400	318	--	--	--	--	--	--
20 to 24 years.....	55	50	--	--	--	--	--	--
25 years and over.....	50	44	--	--	--	--	--	--

(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	
	Aug. 1967	Aug. 1966	Aug. 1967	Aug. 1966	Aug. 1967	Aug. 1966	Aug. 1967	Aug. 1966
Total.....	100.0	100.0	3.7	3.6	2.8	2.8	5.3	5.1
Private wage and salary workers.....	70.6	70.4	3.6	3.6	2.9	3.0	4.9	4.6
Mining.....	.6	.3	3.2	1.5	3.4	1.5	(1)	--
Construction.....	5.5	6.6	4.3	4.8	4.4	4.8	2.2	5.0
Manufacturing.....	26.7	23.3	3.6	3.2	2.9	2.7	5.5	4.5
Durable goods.....	15.4	12.9	3.6	3.0	3.2	2.9	5.0	3.7
Primary metal industries.....	1.0	1.1	2.2	2.1	2.0	2.1	4.8	(1)
Fabricated metal products.....	1.8	1.3	3.0	2.6	2.3	1.8	6.2	5.8
Machinery.....	1.7	1.5	2.2	2.0	2.1	1.9	2.9	2.3
Electrical equipment.....	2.6	1.6	3.7	2.2	3.0	1.3	4.8	3.6
Motor vehicles and equipment.....	3.8	3.1	10.3	9.2	10.7	9.7	6.3	(1)
All other transportation equipment.....	.9	.7	2.0	2.0	1.8	2.1	2.9	1.9
Other durable goods industries.....	3.6	3.5	3.8	3.5	3.1	3.3	6.2	4.4
Nondurable goods.....	11.4	10.4	3.7	3.3	2.4	2.3	5.9	5.0
Food and kindred products.....	3.2	2.3	4.6	3.1	2.6	2.3	10.3	5.4
Textile mill products.....	1.0	1.1	2.7	3.1	3.2	1.8	2.1	4.6
Apparel and other finished textile products.....	2.7	3.0	5.7	5.7	3.9	3.9	6.2	6.2
Other nondurable goods industries.....	4.5	4.0	2.9	2.7	2.0	2.2	5.3	4.0
Transportation and public utilities.....	3.6	2.9	2.4	1.9	1.7	1.9	5.0	2.0
Railroads and railway express.....	.4	.4	1.6	1.4	1.7	1.5	(1)	--
Other transportation.....	2.2	1.6	3.5	2.7	2.4	2.5	11.1	4.1
Communication and other public utilities.....	1.0	.9	1.7	1.4	.9	1.3	3.0	1.4
Wholesale and retail trade.....	16.9	18.7	3.9	4.3	3.0	3.8	5.2	5.1
Finance, insurance, and real estate.....	3.0	2.6	2.7	2.4	1.3	1.1	4.0	3.5
Service industries.....	14.3	15.9	3.8	4.1	3.1	3.0	4.3	4.8
Professional services.....	6.1	4.3	3.7	2.7	2.3	1.9	4.3	3.1
All other service industries.....	8.2	11.7	4.0	5.1	3.5	3.6	4.3	6.2
Agricultural wage and salary workers.....	2.9	3.2	5.0	5.5	4.7	5.7	6.1	4.8
All other classes of workers.....	9.4	11.8	1.4	1.7	.8	1.1	2.4	2.9
No previous work experience.....	17.2	14.6	--	--	--	--	--	--

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

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A-12: Unemployed persons by duration of unemployment

Duration of unemployment	Total			
	Thousands		Percent distribution	
	Aug. 1967	Aug. 1966	Aug. 1967	Aug. 1966
Total.....	2,942	2,821	100.0	100.0
Less than 5 weeks.....	1,537	1,526	52.3	54.1
5 to 14 weeks.....	1,037	912	35.2	32.3
5 to 10 weeks.....	778	690	26.5	24.5
11 to 14 weeks.....	258	222	8.8	7.9
15 weeks and over.....	367	384	12.5	13.6
15 to 26 weeks.....	166	186	5.6	6.6
27 weeks and over.....	201	198	6.8	7.0
Average (mean) duration.....	8.7	9.7	--	--

A-13: Unemployed persons by duration, sex, age, color, and marital status August 1967

Sex, age, color, and marital status	Thousands of persons					Less than 5 weeks as a percent of unemployed in group		15 weeks and over as a percent of unemployed in group	
	Total	Less than 5 weeks	5 to 14 weeks	15 to 26 weeks	27 weeks and over	Aug. 1967	Aug. 1966	Aug. 1967	Aug. 1966
Total	2,942	1,537	1,037	166	201	52.3	54.1	12.5	13.6
16 to 21 years.....	1,163	586	511	35	32	50.4	56.5	5.7	3.9
16 to 19 years.....	900	429	420	22	29	47.6	53.8	5.7	3.3
20 to 24 years.....	513	292	175	31	14	57.0	60.6	8.8	9.2
25 to 44 years.....	864	493	249	63	59	57.1	58.2	14.1	15.1
45 years and over.....	664	324	192	48	100	48.8	44.4	22.3	26.5
Male	1,441	769	476	69	126	53.4	54.1	13.6	16.2
16 to 21 years.....	581	319	228	12	22	54.9	60.1	5.8	2.1
16 to 19 years.....	455	232	197	7	20	50.9	58.1	5.8	1.3
20 to 24 years.....	244	159	64	12	10	64.9	63.6	9.0	8.3
25 to 44 years.....	365	199	104	23	39	54.5	54.6	17.0	16.4
45 years and over.....	378	180	112	27	58	47.6	44.7	22.7	34.8
Female	1,501	769	561	97	75	51.2	54.1	11.4	10.9
16 to 21 years.....	582	266	283	23	10	45.8	53.2	5.6	5.6
16 to 19 years.....	446	197	224	16	9	44.2	49.6	5.6	5.2
20 to 24 years.....	268	134	111	19	4	49.9	57.9	8.6	9.9
25 to 44 years.....	501	293	145	41	20	58.5	61.5	12.2	14.0
45 years and over.....	287	144	80	21	42	50.4	44.0	21.8	14.8
White: Total	2,313	1,255	782	130	147	54.2	55.2	12.0	13.7
Male.....	1,119	614	361	59	84	54.9	55.2	12.8	17.1
Female.....	1,195	640	421	70	63	53.6	55.1	11.2	9.9
Nonwhite: Total	628	283	255	36	54	45.0	50.8	14.4	13.5
Male.....	322	155	115	10	43	48.0	50.3	16.3	13.2
Female.....	306	128	140	27	12	41.9	51.5	12.5	13.8
Male: Married, wife present	652	363	181	41	66	55.8	56.7	16.4	20.4
Widowed, divorced, or separated.....	98	45	34	4	14	46.4	42.6	18.5	32.6
Single (never married).....	691	360	261	24	47	52.1	53.9	10.2	8.7
Female: Married, husband present	720	428	207	47	38	59.4	59.7	11.8	11.4
Widowed, divorced, or separated.....	252	133	77	25	18	52.6	55.4	17.0	12.2
Single (never married).....	529	208	277	25	19	39.3	46.3	8.3	9.6

HOUSEHOLD DATA

A-14: Unemployed persons by duration, occupation, and industry of last job

Occupation and industry	Thousands of persons					Less than 5 weeks as a percent of unemployed in group		15 weeks and over as a percent of unemployed in group	
	Total	Less than 5 weeks	5 to 14 weeks	15 to 26 weeks	27 weeks and over	Aug.	Aug.	Aug.	Aug.
						1967	1966	1967	1966
OCCUPATION									
White-collar workers.....	823	450	279	44	51	54.6	57.2	11.5	11.8
Professional and managerial.....	244	116	92	17	18	47.5	53.3	14.3	13.5
Clerical workers.....	440	264	138	20	18	59.9	61.2	8.7	9.3
Sales workers.....	139	70	48	7	14	50.3	53.3	14.9	15.9
Blue-collar workers.....	1,130	608	342	78	103	53.8	57.4	16.0	17.0
Craftsmen and foremen.....	182	111	42	5	24	61.0	56.9	15.9	19.0
Operatives.....	695	365	212	63	56	52.4	57.6	17.1	17.0
Nonfarm laborers.....	253	132	88	10	23	52.2	57.4	13.2	15.6
Service workers.....	411	214	139	29	28	52.1	53.2	14.1	15.6
INDUSTRY¹									
Agriculture.....	84	50	22	6	6	(2)	(2)	(2)	(2)
Construction.....	175	109	47	-	19	61.9	64.1	11.1	15.1
Manufacturing.....	788	405	244	76	63	51.4	56.1	17.6	17.9
Durable goods.....	452	242	133	46	31	53.6	60.9	16.9	18.6
Nondurable goods.....	336	163	111	30	32	48.5	49.8	18.5	16.9
Transportation and public utilities.....	111	57	39	9	6	51.1	46.8	14.2	20.2
Wholesale and retail trade.....	497	282	155	18	41	56.7	56.0	12.0	13.3
Finance and service industries.....	652	344	230	42	36	52.8	58.2	12.0	11.6
Public administration.....	64	34	23	2	5	(2)	(2)	(2)	(2)
No previous work experience.....	505	219	260	9	17	43.4	40.8	5.2	4.4

¹Includes wage and salary workers only.

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

A-15: Employed persons by age and sex

(In thousands)

Age and type of industry	Total		Male		Female	
	Aug. 1967	Aug. 1966	Aug. 1967	Aug. 1966	Aug. 1967	Aug. 1966
All industries	76,170	74,666	49,233	48,579	26,937	26,086
16 to 19 years.....	7,309	7,583	4,264	4,410	3,045	3,173
16 and 17 years.....	3,214	3,172	1,989	1,946	1,225	1,226
18 and 19 years.....	4,095	4,411	2,275	2,464	1,820	1,947
20 to 24 years.....	8,967	8,274	5,238	4,918	3,730	3,356
25 to 54 years.....	46,385	45,537	30,811	30,483	15,574	15,054
25 to 34 years.....	14,550	13,868	10,117	9,768	4,433	4,100
35 to 44 years.....	16,095	16,141	10,687	10,767	5,407	5,374
45 to 54 years.....	15,740	15,528	10,007	9,948	5,734	5,580
55 to 64 years.....	10,515	10,295	6,798	6,679	3,716	3,616
55 to 59 years.....	6,241	6,093	3,957	3,869	2,284	2,224
60 to 64 years.....	4,274	4,202	2,841	2,810	1,433	1,392
65 years and over.....	2,994	2,976	2,122	2,089	872	887
Nonagricultural industries	71,792	70,359	45,777	45,154	26,015	25,205
16 to 19 years.....	6,641	6,944	3,717	3,910	2,925	3,034
16 and 17 years.....	2,784	2,780	1,647	1,642	1,137	1,138
18 and 19 years.....	3,857	4,164	2,070	2,268	1,788	1,896
20 to 24 years.....	8,701	7,990	5,018	4,687	3,683	3,303
25 to 54 years.....	44,247	43,365	29,208	28,833	15,039	14,532
25 to 34 years.....	13,983	13,334	9,683	9,382	4,300	3,952
35 to 44 years.....	15,331	15,434	10,138	10,228	5,193	5,206
45 to 54 years.....	14,933	14,597	9,387	9,223	5,566	5,374
55 to 64 years.....	9,696	9,536	6,147	6,044	3,550	3,492
55 to 59 years.....	5,809	5,676	3,620	3,532	2,189	2,144
60 to 64 years.....	3,887	3,860	2,527	2,512	1,361	1,348
65 years and over.....	2,506	2,524	1,687	1,680	819	844
Agriculture	4,378	4,308	3,456	3,426	922	882
16 to 19 years.....	667	640	547	500	120	140
16 and 17 years.....	430	393	342	304	88	89
18 and 19 years.....	237	247	206	196	32	51
20 to 24 years.....	266	285	220	232	47	53
25 to 54 years.....	2,138	2,172	1,603	1,650	535	522
25 to 34 years.....	567	535	434	387	134	148
35 to 44 years.....	764	707	550	539	214	168
45 to 54 years.....	807	930	619	724	188	206
55 to 64 years.....	818	758	652	634	167	124
55 to 59 years.....	432	417	337	337	95	80
60 to 64 years.....	387	341	315	297	72	44
65 years and over.....	488	452	435	409	54	43

HOUSEHOLD DATA

A-16: Employed persons by occupation group, age, and sex

(In thousands)

Occupation	Total		Male, 20 years and over		Female, 20 years and over		Male, 16-19 years		Female, 16-19 years	
	Aug. 1967	Aug. 1966	Aug. 1967	Aug. 1966	Aug. 1967	Aug. 1966	Aug. 1967	Aug. 1966	Aug. 1967	Aug. 1966
Total	76,170	74,666	44,969	44,169	23,892	22,912	4,264	4,410	3,045	3,173
White-collar workers	34,271	33,197	17,987	17,429	13,885	13,221	809	879	1,591	1,668
Professional and technical	9,320	8,870	5,896	5,605	3,139	3,007	163	147	123	111
Medical and other health	1,566	1,507	626	639	917	846	4	3	19	19
Teachers, except college	1,563	1,526	430	416	1,124	1,111	-	-	8	-
Other professional and technical	6,191	5,837	4,839	4,550	1,097	1,048	159	144	96	94
Managers, officials, and proprietors	7,869	7,573	6,587	6,379	1,248	1,165	26	26	9	3
Salaried workers	5,445	4,751	4,619	3,985	796	740	23	23	7	3
Self-employed workers in retail trade	1,165	1,304	875	1,024	289	281	1	-	-	-
Self-employed workers, except retail trade	1,259	1,518	1,093	1,371	163	144	2	3	2	-
Clerical workers	12,530	12,242	3,111	3,039	7,854	7,510	378	437	1,187	1,256
Stenographers, typists, and secretaries	3,240	3,270	52	41	2,772	2,736	7	17	408	476
Other clerical workers	9,290	8,973	3,058	2,999	5,082	4,774	371	420	779	780
Sales workers	4,552	4,512	2,393	2,406	1,644	1,539	242	269	272	298
Retail trade	2,786	2,662	904	847	1,435	1,312	198	224	250	279
Other sales workers	1,766	1,850	1,490	1,558	210	228	44	45	22	19
Blue-collar workers	28,539	28,294	21,455	21,276	4,354	4,176	2,359	2,477	369	364
Craftsmen and foremen	10,053	10,196	9,504	9,601	254	261	277	319	18	15
Carpenters	884	888	857	850	3	1	24	37	-	-
Construction craftsmen, except carpenters	2,068	2,251	1,977	2,151	10	12	78	86	3	3
Mechanics and repairmen	2,536	2,528	2,394	2,395	24	20	118	111	-	2
Metal craftsmen, except mechanics	1,246	1,204	1,213	1,169	13	12	17	22	3	-
Other craftsmen and kindred workers	1,907	1,915	1,738	1,709	124	140	36	60	10	6
Foremen, not elsewhere classified	1,412	1,409	1,326	1,326	82	77	2	3	1	4
Operatives	14,445	14,048	9,123	8,814	3,985	3,812	1,023	1,095	313	327
Drivers and deliverymen	2,584	2,615	2,381	2,440	40	33	160	141	3	1
Other operatives	11,862	11,434	6,743	6,374	3,946	3,780	862	955	310	327
Durable goods manufacturing	4,873	4,559	3,268	3,025	1,287	1,114	250	315	67	106
Nondurable goods manufacturing	4,033	3,977	1,682	1,627	1,979	1,967	211	216	161	168
Other industries	2,956	2,898	1,793	1,722	680	699	401	424	82	53
Nonfarm laborers	4,041	4,050	2,828	2,861	115	103	1,059	1,063	38	22
Construction	864	854	648	623	3	1	211	230	2	1
Manufacturing	1,162	1,192	893	928	79	55	180	201	10	8
Other industries	2,015	2,004	1,287	1,310	33	48	668	632	27	13
Service workers	9,288	9,203	2,823	2,775	4,898	4,823	594	595	972	1,011
Private household workers	1,626	1,848	23	27	1,248	1,427	11	11	344	383
Service workers, except private household	7,662	7,355	2,800	2,748	3,650	3,396	583	584	628	628
Protective service workers	1,068	959	953	840	36	33	55	65	23	22
Waiters, cooks, and bartenders	2,104	2,057	415	446	1,252	1,195	136	119	301	297
Other service workers	4,491	4,338	1,432	1,462	2,361	2,169	392	399	305	309
Farm workers	4,072	3,972	2,705	2,690	755	692	500	459	112	132
Farmers and farm managers	2,037	2,048	1,900	1,913	123	120	14	14	-	1
Farm laborers and foremen	2,035	1,924	805	777	632	572	486	445	112	131
Paid workers	1,351	1,291	744	727	231	200	308	286	69	78
Unpaid family workers	684	633	61	50	401	371	179	158	43	52

HOUSEHOLD DATA

A-17: Employed persons by major occupation group, color, and sex

(Percent distribution)

Occupation group and color	Total		Male		Female	
	Aug. 1967	Aug. 1966	Aug. 1967	Aug. 1966	Aug. 1967	Aug. 1966
TOTAL						
Total employed (thousands)	76,170	74,666	49,233	48,579	26,937	26,086
Percent	100.0	100.0	100.0	100.0	100.0	100.0
White-collar workers	45.0	44.5	38.2	37.7	57.5	57.1
Professional and technical	12.2	11.9	12.3	11.8	12.1	12.0
Managers, officials, and proprietors	10.3	10.1	13.4	13.2	4.7	4.5
Clerical workers	16.5	16.4	7.1	7.2	33.6	33.6
Sales workers	6.0	6.0	5.4	5.5	7.1	7.0
Blue-collar workers	37.5	37.9	48.4	48.9	17.5	17.4
Craftsmen and foremen	13.2	13.7	19.9	20.4	1.0	1.1
Operatives	19.0	18.8	20.6	20.4	16.0	15.9
Nonfarm laborers	5.3	5.4	7.9	8.1	.6	.5
Service workers	12.2	12.3	6.9	6.9	21.8	22.4
Private household workers	2.1	2.5	.1	.1	5.9	6.9
Other service workers	10.1	9.8	6.9	6.9	15.9	15.4
Farm workers	5.3	5.3	6.5	6.5	3.2	3.2
Farmers and farm managers	2.7	2.7	3.9	4.0	.5	.5
Farm laborers and foremen	2.7	2.6	2.6	2.5	2.8	2.7
WHITE						
Total employed (thousands)	67,969	66,648	44,411	43,834	23,557	22,814
Percent	100.0	100.0	100.0	100.0	100.0	100.0
White-collar workers	47.8	47.3	40.4	39.9	61.6	61.6
Professional and technical	12.9	12.5	13.0	12.5	12.6	12.5
Managers, officials, and proprietors	11.2	11.1	14.5	14.2	5.1	4.9
Clerical workers	17.1	17.2	7.1	7.2	36.0	36.4
Sales workers	6.5	6.6	5.8	5.9	7.8	7.8
Blue-collar workers	36.8	37.4	47.1	47.9	17.3	17.4
Craftsmen and foremen	13.9	14.3	20.7	21.2	1.1	1.1
Operatives	18.4	18.5	19.8	19.9	15.7	15.8
Nonfarm laborers	4.5	4.6	6.7	6.8	.5	.4
Service workers	10.2	10.1	6.1	5.9	18.1	18.2
Private household workers	1.2	1.4	.1	.1	3.5	4.0
Other service workers	9.0	8.7	6.0	5.8	14.6	14.1
Farm workers	5.2	5.1	6.4	6.3	3.0	2.9
Farmers and farm managers	2.8	2.9	4.1	4.1	.5	.5
Farm laborers and foremen	2.4	2.3	2.3	2.2	2.5	2.4
NONWHITE						
Total employed (thousands)	8,202	8,016	4,822	4,745	3,380	3,272
Percent	100.0	100.0	100.0	100.0	100.0	100.0
White-collar workers	22.0	20.7	17.6	17.3	28.3	25.6
Professional and technical	6.7	6.5	5.5	5.4	8.4	8.2
Managers, officials, and proprietors	2.8	2.6	3.7	3.5	1.6	1.3
Clerical workers	10.9	9.8	7.1	6.8	16.2	14.2
Sales workers	1.6	1.8	1.3	1.7	2.0	1.9
Blue-collar workers	43.3	41.7	60.0	58.3	19.4	17.5
Craftsmen and foremen	7.5	8.0	12.5	13.2	.4	.6
Operatives	23.9	21.4	28.1	24.9	18.0	16.2
Nonfarm laborers	11.8	12.3	19.4	20.2	1.1	.8
Service workers	28.3	30.9	14.8	16.6	47.6	51.7
Private household workers	9.5	11.3	.2	.3	22.9	27.1
Other service workers	18.8	19.7	14.6	16.3	24.7	24.5
Farm workers	6.4	6.7	7.7	7.8	4.6	5.2
Farmers and farm managers	1.5	1.7	2.4	2.6	.1	.5
Farm laborers and foremen	5.0	5.0	5.3	5.2	4.5	4.8

HOUSEHOLD DATA

A-18: Employed persons by class of worker, age, and sex

August 1967
(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	65,922	1,871	10,846	53,205	5,332	538	1,607	2,076	695
16 to 19 years.....	6,512	444	832	5,235	59	71	426	19	222
16 and 17 years.....	2,709	337	340	2,032	32	43	269	9	152
18 and 19 years.....	3,803	107	492	3,203	27	28	156	11	71
20 to 24 years.....	8,541	100	1,261	7,180	142	17	168	53	46
25 to 34 years.....	13,200	138	2,040	11,021	727	56	263	225	80
35 to 44 years.....	14,008	234	2,338	11,435	1,191	132	247	401	116
45 to 54 years.....	13,295	370	2,496	10,428	1,498	140	226	470	111
55 to 64 years.....	8,464	380	1,594	6,490	1,143	90	199	528	92
55 to 59 years.....	5,112	222	964	3,927	641	56	94	285	53
60 to 64 years.....	3,352	158	630	2,564	502	34	105	243	39
65 years and over.....	1,903	204	284	1,414	572	32	79	380	29
Male	41,610	246	6,382	34,981	4,091	76	1,268	1,947	241
16 to 19 years.....	3,627	95	441	3,092	41	49	348	19	180
16 and 17 years.....	1,598	75	201	1,322	21	29	212	9	120
18 and 19 years.....	2,029	20	240	1,770	20	21	136	11	59
20 to 24 years.....	4,923	15	589	4,319	88	7	139	53	27
25 to 34 years.....	9,138	6	1,280	7,852	542	3	210	214	10
35 to 44 years.....	9,170	16	1,495	7,658	966	2	168	376	6
45 to 54 years.....	8,250	27	1,451	6,773	1,134	3	172	440	8
55 to 64 years.....	5,249	36	936	4,277	893	4	166	483	3
55 to 59 years.....	3,113	15	564	2,534	506	1	78	259	1
60 to 64 years.....	2,137	21	372	1,744	387	3	89	224	2
65 years and over.....	1,251	51	191	1,010	428	8	65	362	7
Female	24,312	1,625	4,463	18,224	1,241	462	339	129	455
16 to 19 years.....	2,885	350	392	2,143	19	21	77	-	43
16 and 17 years.....	1,111	262	139	710	11	14	57	-	32
18 and 19 years.....	1,774	88	253	1,433	7	7	21	-	11
20 to 24 years.....	3,618	85	672	2,861	55	11	29	-	18
25 to 34 years.....	4,061	132	760	3,170	185	54	53	10	70
35 to 44 years.....	4,838	218	843	3,777	225	130	79	25	110
45 to 54 years.....	5,044	343	1,046	3,655	364	137	55	31	103
55 to 64 years.....	3,215	344	658	2,213	249	86	32	45	89
55 to 59 years.....	2,000	207	400	1,393	135	55	16	26	52
60 to 64 years.....	1,215	137	258	820	115	31	16	19	37
65 years and over.....	651	154	94	404	144	23	14	18	22

HOUSEHOLD DATA

A-19: Employed persons with a job but not at work by reason, pay status, and sex

(In thousands)

Reason not working	All industries		Nonagricultural industries					
	Aug. 1967	Aug. 1966	Total		Wage and salary workers <u>1/</u>			
			Aug. 1967	Aug. 1966	Paid absence <u>2/</u>		Unpaid absence <u>2/</u>	
					Aug. 1967	Aug. 1966	Aug. 1967	Aug. 1966
Total	8,230	7,689	8,108	7,533	4,918	4,501	2,657	2,429
Vacation	6,390	5,717	6,335	5,671	4,381	3,998	1,628	1,318
Illness	1,028	954	992	901	354	280	541	514
Bad weather	28	34	23	14	-	-	-	-
Industrial dispute	84	110	84	110	-	-	-	-
All other reasons	701	875	675	837	183	224	488	598
Male	4,486	4,197	4,381	4,061	3,147	2,822	972	936
Vacation	3,436	3,079	3,396	3,040	2,777	2,495	461	368
Illness	635	613	599	562	253	202	292	294
All other reasons	415	505	386	459	118	125	218	274
Female	3,744	3,492	3,727	3,472	1,770	1,678	1,685	1,494
Vacation	2,954	2,637	2,939	2,631	1,604	1,502	1,166	950
Illness	393	340	393	339	102	78	250	220
All other reasons	397	515	395	502	64	98	270	324

1/ Private household excluded.

2/ Pay status not available separately for Bad weather and Industrial dispute; these categories are included in All other reasons.

A-20: Persons at work by type of industry and hours of work

August 1967

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	67,940	63,684	4,256	100.0	100.0	100.0
1-34 hours	12,066	10,915	1,151	17.8	17.1	27.0
1-4 hours	479	439	39	.7	.7	.9
5-14 hours	2,311	2,038	273	3.4	3.2	6.4
15-29 hours	5,813	5,219	594	8.6	8.2	14.0
30-34 hours	3,463	3,219	245	5.1	5.1	5.8
35 hours and over	55,875	52,770	3,106	82.2	82.9	73.0
35-39 hours	4,603	4,393	210	6.8	6.9	4.9
40 hours	28,787	28,349	438	42.4	44.5	10.3
41 hours and over	22,485	20,028	2,458	33.1	31.4	57.7
41 to 48 hours	9,401	9,038	363	13.8	14.2	8.5
49 to 59 hours	6,596	6,051	546	9.7	9.5	12.8
60 hours and over	6,488	4,989	1,549	9.5	7.8	36.4
Average hours, total at work	41.3	40.8	49.0	-	-	-
Average hours, workers on full-time schedules	44.6	43.8	57.9	-	-	-

HOUSEHOLD DATA

A-21: Persons at work 1-34 hours by usual status and reason working part time

August 1967
(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.....	12,066	4,290	7,775	10,915	3,976	6,939
Economic reasons.....	2,486	1,152	1,334	2,175	1,012	1,163
Slack work.....	1,103	810	293	932	676	256
Material shortages or repairs to plant and equipment.....	83	83	-	80	80	-
New job started during week.....	196	196	-	195	195	-
Job terminated during week.....	66	66	-	63	63	-
Could find only part-time work.....	1,041	-	1,041	907	-	907
Other reasons.....	9,580	3,137	6,443	8,740	2,963	5,777
Does not want, or unavailable for, full-time work.....	4,538	-	4,538	4,136	-	4,136
Vacation.....	790	790	-	754	754	-
Illness.....	1,303	1,044	259	1,180	1,001	179
Bad weather.....	238	238	-	186	186	-
Industrial dispute.....	36	36	-	36	36	-
Legal or religious holiday.....	11	11	-	11	11	-
Full time for this job.....	1,190	-	1,190	1,100	-	1,100
All other reasons.....	1,471	1,016	455	1,336	975	361
Average hours:						
Economic reasons.....	20.8	23.4	18.5	20.9	23.6	18.6
Other reasons.....	21.2	25.3	19.2	21.3	25.4	19.2
Worked 30 to 34 hours:						
Economic reasons.....	678	460	218	592	394	198
Other reasons.....	2,785	1,501	1,284	2,627	1,438	1,189

A-22: Nonagricultural workers by full- or part-time status

August 1967

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	3.4	9.1	87.6	56.1	14.2	17.3	40.8	43.8
Wage and salary workers.....	100.0	3.4	8.6	88.0	58.9	14.4	14.7	40.2	43.0
Construction.....	100.0	5.2	3.3	91.4	62.6	12.9	15.9	40.7	42.6
Manufacturing.....	100.0	2.8	1.8	95.4	64.1	17.5	13.8	41.7	42.6
Durable goods.....	100.0	2.1	1.2	96.8	64.8	17.9	14.1	42.1	42.7
Nondurable goods.....	100.0	3.8	2.6	93.5	63.1	17.0	13.4	41.2	42.5
Transportation and public utilities.....	100.0	2.2	3.3	94.5	62.7	15.2	16.6	42.2	43.4
Wholesale and retail trade.....	100.0	4.1	15.1	80.7	44.6	17.1	19.0	40.0	44.6
Finance, insurance, and real estate.....	100.0	1.0	7.0	92.0	67.0	11.0	14.0	40.3	42.0
Service industries.....	100.0	4.9	18.5	76.6	54.2	10.1	12.3	37.0	42.9
Private households.....	100.0	16.3	40.4	43.4	28.3	5.8	9.3	26.8	43.6
All other service.....	100.0	3.1	14.9	81.9	58.4	10.8	12.7	38.7	42.8
Public administration.....	100.0	.7	4.2	95.0	76.0	8.1	10.9	40.8	41.7
Self-employed workers.....	100.0	3.7	12.3	84.0	25.6	12.5	45.9	46.9	52.7
Unpaid family workers.....	100.0	2.4	33.6	64.0	27.6	9.3	27.1	40.6	50.7

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

HOUSEHOLD DATA

A-23: Persons at work in nonagricultural industries by full- or part-time status, age, sex, color, and marital status
August 1967

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								
16 years and over	63,684	2,175	5,777	55,732	35,704	20,028	40.8	43.8
16 to 21 years	9,723	754	1,662	7,307	5,383	1,924	36.3	41.7
16 to 19 years	6,357	628	1,390	4,339	3,226	1,113	34.6	41.5
16 and 17 years	2,669	345	973	1,351	1,014	337	30.2	41.3
18 and 19 years	3,689	283	417	2,989	2,212	777	37.8	41.6
20 years and over	57,326	1,547	4,387	51,392	32,477	18,915	41.4	44.0
20 to 24 years	7,947	247	549	7,151	5,022	2,129	40.3	42.5
25 years and over	49,379	1,300	3,838	44,241	27,455	16,786	41.6	44.2
25 to 44 years	25,792	582	1,588	23,622	14,358	9,264	42.3	44.3
45 to 64 years	21,388	638	1,490	19,260	12,250	7,010	41.6	44.0
65 years and over	2,199	80	760	1,359	849	510	34.2	44.8
MALE								
16 years and over	41,396	1,157	1,805	38,434	21,984	16,450	43.3	45.0
16 to 21 years	5,357	447	796	4,114	2,740	1,374	37.6	42.8
16 to 19 years	3,567	371	704	2,492	1,701	791	35.7	42.4
16 and 17 years	1,582	216	516	850	606	244	31.6	41.8
18 and 19 years	1,985	154	187	1,644	1,097	547	39.1	42.8
20 years and over	37,830	786	1,101	35,943	20,284	15,659	44.0	45.2
20 to 24 years	4,655	161	169	4,325	2,689	1,636	42.3	43.8
25 years and over	33,175	625	932	31,618	17,595	14,023	44.2	45.4
25 to 44 years	17,841	296	189	17,356	9,346	8,010	45.1	45.7
45 to 64 years	13,822	269	271	13,282	7,667	5,615	44.1	45.0
65 years and over	1,511	60	472	979	582	397	35.2	44.9
FEMALE								
16 years and over	22,287	1,018	3,972	17,297	13,719	3,578	36.1	41.0
16 to 21 years	4,366	307	866	3,193	2,643	550	34.6	40.2
16 to 19 years	2,791	256	686	1,849	1,527	322	33.2	40.3
16 and 17 years	1,087	128	457	502	410	92	28.3	40.5
18 and 19 years	1,704	127	230	1,347	1,117	230	36.3	40.2
20 years and over	19,497	761	3,285	15,451	12,196	3,255	36.6	41.1
20 to 24 years	3,292	86	380	2,826	2,334	492	37.5	40.4
25 years and over	16,205	675	2,905	12,625	9,862	2,763	36.4	41.3
25 to 44 years	7,951	287	1,399	6,265	5,011	1,254	36.2	40.7
45 to 64 years	7,567	369	1,219	5,979	4,583	1,396	37.0	41.7
65 years and over	688	20	287	381	268	113	32.1	44.7
WHITE								
Total	56,828	1,610	5,103	50,115	31,602	18,513	41.1	44.0
Male	37,329	879	1,615	34,835	19,510	15,325	43.6	45.2
Female	19,499	731	3,487	15,281	12,093	3,188	36.4	41.1
NONWHITE								
Total	6,856	564	674	5,618	4,103	1,515	37.9	41.9
Male	4,067	278	190	3,599	2,474	1,125	40.3	42.8
Female	2,789	286	484	2,019	1,629	390	34.4	40.3
MALE								
Married, wife present	31,629	559	776	30,294	16,552	13,742	44.5	45.5
Widowed, divorced, or separated	2,067	86	104	1,877	1,161	716	41.8	44.2
Single (never married)	7,701	512	925	6,264	4,272	1,992	38.7	42.8
FEMALE								
Married, husband present	12,061	474	2,490	9,097	7,211	1,886	35.6	40.9
Widowed, divorced, or separated	4,425	218	584	3,623	2,709	914	37.8	41.9
Single (never married)	5,802	326	898	4,578	3,801	777	36.1	40.5

HOUSEHOLD DATA

A-23: Persons at work in nonagricultural industries by full- or part-time status, age, sex, color, and marital status--Continued
August 1967

Age, sex, color and marital status	Total at work	On part time for economic reasons	On voluntary part time	On full-time schedules		
				Total	40 hours or less	41 hours or more
(Percent distribution)						
TOTAL						
16 years and over	100.0	3.4	9.1	87.5	56.1	31.4
16 to 21 years	100.0	7.8	17.1	75.2	55.4	19.8
16 to 19 years	100.0	9.9	21.9	68.2	50.7	17.5
16 and 17 years	100.0	12.9	36.5	50.6	38.0	12.6
18 and 19 years	100.0	7.7	11.3	81.1	60.0	21.1
20 years and over	100.0	2.7	7.7	89.7	56.7	33.0
20 to 24 years	100.0	3.1	6.9	90.0	63.2	26.8
25 years and over	100.0	2.6	7.8	89.6	55.6	34.0
25 to 44 years	100.0	2.3	6.2	91.6	55.7	35.9
45 to 64 years	100.0	3.0	7.0	90.1	57.3	32.8
65 years and over	100.0	3.6	34.6	61.8	38.6	23.2
MALE						
16 years and over	100.0	2.8	4.4	92.8	53.1	39.7
16 to 21 years	100.0	8.3	14.9	76.7	51.1	25.6
16 and 19 years	100.0	10.4	19.7	69.9	47.7	22.2
16 and 17 years	100.0	13.7	32.6	53.7	38.3	15.4
18 and 19 years	100.0	7.8	9.4	82.9	55.3	27.6
20 years and over	100.0	2.1	2.9	95.0	53.6	41.4
20 to 24 years	100.0	3.5	3.6	92.9	57.8	35.1
25 years and over	100.0	1.9	2.8	95.3	53.0	42.3
25 to 44 years	100.0	1.7	1.1	97.3	52.4	44.9
45 to 64 years	100.0	1.9	2.0	96.1	55.5	40.6
65 years and over	100.0	4.0	31.2	64.8	38.5	26.3
FEMALE						
16 years and over	100.0	4.6	17.8	77.7	61.6	16.1
16 to 21 years	100.0	7.0	19.8	73.1	60.5	12.6
16 to 19 years	100.0	9.2	24.6	66.2	54.7	11.5
16 and 17 years	100.0	11.8	42.0	46.2	37.7	8.5
18 and 19 years	100.0	7.5	13.5	79.1	65.6	13.5
20 years and over	100.0	3.9	16.8	79.3	62.6	16.7
20 to 24 years	100.0	2.6	11.5	85.8	70.9	14.9
25 years and over	100.0	4.2	17.9	78.0	60.9	17.1
25 to 44 years	100.0	3.6	17.6	78.8	63.0	15.8
45 to 64 years	100.0	4.9	16.1	79.0	60.6	18.4
65 years and over	100.0	2.9	41.7	55.4	39.0	16.4
WHITE						
Total	100.0	2.8	9.0	88.2	55.6	32.6
Male	100.0	2.4	4.3	93.4	52.3	41.1
Female	100.0	3.7	17.9	78.3	62.0	16.3
NONWHITE						
Total	100.0	8.2	9.8	81.9	59.8	22.1
Male	100.0	6.8	4.7	88.5	60.8	27.7
Female	100.0	10.3	17.4	72.4	58.4	14.0
MALE						
Married, wife present	100.0	1.8	2.5	95.7	52.3	43.4
Widowed, divorced, or separated	100.0	4.2	5.0	90.8	56.2	34.6
Single (never married)	100.0	6.6	12.0	81.4	55.5	25.9
FEMALE						
Married, husband present	100.0	3.9	20.6	75.4	59.8	15.6
Widowed, divorced, or separated	100.0	4.9	13.2	81.9	61.2	20.7
Single (never married)	100.0	5.6	15.5	78.9	65.5	13.4

HOUSEHOLD DATA

A-24: Persons at work in nonfarm occupations by full- or part-time status and sex

August 1967

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.....	29,757	402	3,035	26,320	16,923	3,560	5,837	41.4	44.2
Professional and technical.....	7,161	72	693	6,396	4,208	818	1,370	41.1	43.9
Managers, officials, and proprietors.....	7,187	53	304	6,830	2,732	1,128	2,970	48.3	49.8
Clerical workers.....	11,280	146	1,274	9,860	8,171	1,083	606	37.9	40.4
Sales workers.....	4,130	130	764	3,236	1,814	531	891	39.0	44.6
Blue-collar workers.....	25,903	1,232	989	23,682	15,067	4,468	4,147	41.4	43.3
Craftsmen and foremen.....	9,062	246	185	8,631	5,203	1,734	1,694	42.7	43.8
Operatives.....	13,052	640	441	11,971	7,713	2,222	2,036	41.5	43.2
Nonfarm laborers.....	3,789	347	364	3,078	2,149	512	417	37.9	42.2
Service workers.....	8,313	561	1,791	5,961	3,815	1,050	1,096	36.7	43.9
Private household.....	1,501	233	600	668	445	84	139	27.5	43.5
Other service workers.....	6,812	328	1,191	5,293	3,370	966	957	38.8	44.0
MALE									
White-collar workers.....	16,853	161	740	15,952	8,388	2,511	5,053	45.1	46.5
Professional and technical.....	5,205	38	253	4,914	3,016	693	1,205	43.3	44.8
Managers, officials, and proprietors.....	6,065	38	165	5,862	2,214	979	2,669	49.1	50.1
Clerical workers.....	3,153	37	141	2,975	2,129	442	404	41.2	42.3
Sales workers.....	2,431	47	180	2,204	1,034	396	774	43.7	46.3
Blue-collar workers.....	21,658	910	740	20,008	12,147	3,866	3,995	42.1	43.9
Craftsmen and foremen.....	8,832	239	164	8,429	5,053	1,694	1,682	42.8	43.8
Operatives.....	9,179	335	240	8,604	5,026	1,672	1,906	43.0	44.5
Nonfarm laborers.....	3,648	337	336	2,975	2,068	500	407	38.0	42.3
Service workers.....	3,124	103	347	2,674	1,531	517	626	41.7	45.3
Private household.....	33	4	13	16	2	6	8	30.2	52.1
Other service workers.....	3,091	99	334	2,658	1,529	511	618	41.8	45.2
FEMALE									
White-collar workers.....	12,905	241	2,295	10,369	8,537	1,049	783	36.5	40.7
Professional and technical.....	1,956	34	439	1,483	1,194	125	164	35.3	41.2
Managers, officials, and proprietors.....	1,122	16	139	967	518	149	300	44.2	48.3
Clerical workers.....	8,127	108	1,132	6,887	6,044	641	202	36.7	39.5
Sales workers.....	1,699	83	584	1,032	780	135	117	32.3	41.0
Blue-collar workers.....	4,244	322	250	3,672	2,919	601	152	37.8	40.2
Craftsmen and foremen.....	230	7	21	202	149	40	13	39.2	41.7
Operatives.....	3,873	305	201	3,367	2,687	550	130	37.8	40.1
Nonfarm laborers.....	141	10	28	103	81	12	10	35.5	40.9
Service workers.....	5,189	458	1,445	3,286	2,283	533	470	33.8	42.8
Private household.....	1,468	229	587	652	441	79	132	27.4	43.3
Other service workers.....	3,721	228	857	2,636	1,844	454	338	36.3	42.7

HOUSEHOLD DATA

A-24: Persons at work in nonfarm occupations by full- or part-time status and sex--Continued
August 1967

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	1.4	10.2	88.5	56.9	12.0	19.6
Professional and technical	100.0	1.0	9.7	89.3	58.8	11.4	19.1
Managers, officials, and proprietors	100.0	.7	4.2	95.0	38.0	15.7	41.3
Clerical workers	100.0	1.3	11.3	87.4	72.4	9.6	5.4
Sales workers	100.0	3.1	18.5	78.4	43.9	12.9	21.6
Blue-collar workers	100.0	4.8	3.8	91.4	58.2	17.2	16.0
Craftsmen and foremen	100.0	2.7	2.0	95.2	57.4	19.1	18.7
Operatives	100.0	4.9	3.4	91.7	59.1	17.0	15.6
Nonfarm laborers	100.0	9.2	9.6	81.2	56.7	13.5	11.0
Service workers	100.0	6.7	21.5	71.7	45.9	12.6	13.2
Private household	100.0	15.5	40.0	44.5	29.6	5.6	9.3
Other service workers	100.0	4.8	17.5	77.7	49.5	14.2	14.0
MALE							
White-collar workers	100.0	1.0	4.4	94.7	49.8	14.9	30.0
Professional and technical	100.0	.7	4.9	94.4	57.9	13.3	23.2
Managers, officials, and proprietors	100.0	.6	2.7	96.6	36.5	16.1	44.0
Clerical workers	100.0	1.2	4.5	94.3	67.5	14.0	12.8
Sales workers	100.0	1.9	7.4	90.6	42.5	16.3	31.8
Blue-collar workers	100.0	4.2	3.4	92.4	56.1	17.9	18.4
Craftsmen and foremen	100.0	2.7	1.9	95.4	57.2	19.2	19.0
Operatives	100.0	3.6	2.6	93.8	54.8	18.2	20.8
Nonfarm laborers	100.0	9.2	9.2	81.6	56.7	13.7	11.2
Service workers	100.0	3.3	11.1	85.5	49.0	16.5	20.0
Private household	100.0	12.1	39.4	48.5	6.1	18.2	24.2
Other service workers	100.0	3.2	10.8	86.0	49.5	16.5	20.0
FEMALE							
White-collar workers	100.0	1.9	17.8	80.4	66.2	8.1	6.1
Professional and technical	100.0	1.7	22.4	75.8	61.0	6.4	8.4
Managers, officials, and proprietors	100.0	1.4	12.4	86.2	46.2	13.3	26.7
Clerical workers	100.0	1.3	13.9	84.8	74.4	7.9	2.5
Sales workers	100.0	4.9	34.4	60.7	45.9	7.9	6.9
Blue-collar workers	100.0	7.6	5.9	86.6	68.8	14.2	3.6
Craftsmen and foremen	100.0	3.0	9.1	87.9	64.8	17.4	5.7
Operatives	100.0	7.9	5.2	87.0	69.4	14.2	3.4
Nonfarm laborers	100.0	7.1	19.9	73.0	57.4	8.5	7.1
Service workers	100.0	8.8	27.8	63.4	44.0	10.3	9.1
Private household	100.0	15.6	40.0	44.4	30.0	5.4	9.0
Other service workers	100.0	6.1	23.0	70.9	49.6	12.2	9.1

HOUSEHOLD DATA

A-25: Employment status of 14- 15 year-olds by sex and color

August 1967

(In thousands)

Employment status	Total			White			Nonwhite		
	Both sexes	Male	Female	Both sexes	Male	Female	Both sexes	Male	Female
Civilian noninstitutional population.....	7,469	3,786	3,683	6,455	3,282	3,173	1,014	504	510
Civilian labor force.....	2,042	1,322	720	1,784	1,151	632	258	170	88
Employed.....	1,873	1,194	679	1,664	1,059	606	209	136	73
Agriculture.....	492	380	112	410	324	86	83	56	27
Nonagricultural industries.....	1,381	815	566	1,255	734	520	126	80	46
Unemployed.....	169	127	42	119	93	26	50	34	15
Not in labor force.....	5,427	2,464	2,963	4,672	2,131	2,541	755	333	422
Keeping house.....	358	33	326	300	29	271	58	3	54
Going to school.....	283	146	138	229	118	110	55	27	28
Unable to work.....	9	7	2	5	4	1	4	3	1
All other reasons.....	4,777	2,279	2,497	4,138	1,980	2,158	639	300	339

A-26: Employed 14- 15 year-olds by sex, major occupation group, and class of worker

August 1967

Characteristics	Thousands of persons			Percent distribution		
	Both sexes	Male	Female	Both sexes	Male	Female
CLASS OF WORKER						
Total.....	1,873	1,194	679	100.0	100.0	100.0
Nonagricultural industries.....	1,381	815	566	73.7	68.2	83.4
Wage and salary workers.....	1,266	728	538	67.6	60.9	79.2
Private household workers.....	617	214	403	33.0	17.9	59.4
Government workers.....	61	43	17	3.3	3.6	2.5
Other wage and salary workers.....	588	470	118	31.4	39.4	17.4
Self-employed workers.....	86	66	21	4.6	5.5	3.1
Unpaid family workers.....	28	21	7	1.5	1.8	1.0
Agriculture.....	492	380	112	26.3	31.8	16.6
Wage and salary workers.....	299	232	67	16.0	19.4	9.9
Self-employed workers.....	29	26	3	1.5	2.2	.4
Unpaid family workers.....	164	122	43	8.8	10.2	6.3
OCCUPATION						
Total.....	1,873	1,194	679	100.0	100.0	100.0
White-collar workers.....	285	214	71	15.2	18.0	10.4
Professional and technical.....	9	6	4	.5	.5	.6
Managers, officials, and proprietors.....	5	4	1	.3	.3	.1
Clerical workers.....	56	26	30	3.0	2.2	4.4
Sales workers.....	214	179	36	11.4	15.0	5.3
Blue-collar workers.....	479	459	20	25.6	38.4	3.1
Craftsmen and foremen.....	23	21	3	1.2	1.8	.4
Operatives.....	91	77	14	4.9	6.4	2.1
Nonfarm laborers.....	365	361	4	19.5	30.2	.6
Service workers.....	640	161	478	34.2	13.5	70.3
Private household workers.....	425	23	402	22.7	1.9	59.2
Other service workers.....	215	138	76	11.5	11.6	11.2
Farm workers.....	469	359	110	25.1	30.1	16.2
Farmers and farm managers.....	13	10	3	.7	.8	.4
Farm laborers and foremen.....	456	349	107	24.4	29.2	15.7

HOUSEHOLD DATA SEASONALLY ADJUSTED

A-27: Employment status of the noninstitutional population by age and sex, seasonally adjusted

(In thousands)

Employment status, age, and sex	1967								1966				
	Aug.	July	June	May	Apr.	Mar.	Feb.	Jan.	Dec.	Nov.	Oct.	Sept.	Aug.
Total													
Total labor force	81,160	80,954	80,681	79,645	80,189	79,959	80,443	80,473	80,154	79,934	79,360	79,268	79,247
Civilian labor force	77,701	77,505	77,237	76,189	76,740	76,523	77,025	77,087	76,764	76,612	76,081	76,039	76,069
Employed	74,718	74,489	74,147	73,289	73,910	73,747	74,137	74,255	73,893	73,897	73,199	73,195	73,141
Agriculture	3,992	3,856	3,727	3,652	3,890	3,855	3,890	4,015	4,011	3,892	3,779	3,886	3,935
Nonagricultural industries	70,726	70,633	70,420	69,637	70,020	69,892	70,247	70,240	69,882	70,005	69,420	69,309	69,206
On part time for economic reasons	1,855	2,011	1,939	1,539	2,008	2,072	2,077	1,907	1,797	1,491	1,557	1,656	1,699
Usually work full time	992	1,058	1,072	910	1,181	1,229	1,178	1,035	981	775	834	846	864
Usually work part time	863	953	867	629	827	843	899	872	816	716	723	810	835
Unemployed	2,983	3,016	3,090	2,900	2,830	2,776	2,888	2,832	2,871	2,715	2,882	2,844	2,928
Men, 20 years and over													
Total labor force	48,365	48,273	48,196	47,920	48,034	47,921	48,081	48,081	47,842	47,604	47,493	47,465	47,506
Civilian labor force	45,559	45,433	45,314	45,021	45,140	45,047	45,222	45,239	44,987	44,797	44,723	44,736	44,822
Employed	44,479	44,338	44,156	43,922	44,092	44,010	44,236	44,227	43,898	43,711	43,654	43,655	43,688
Agriculture	2,835	2,791	2,726	2,753	2,870	2,795	2,875	2,861	2,884	2,807	2,800	2,875	2,852
Nonagricultural industries	41,644	41,547	41,430	41,169	41,222	41,215	41,361	41,366	41,014	40,904	40,854	40,780	40,836
Unemployed	1,080	1,095	1,158	1,099	1,048	1,037	986	1,012	1,089	1,086	1,069	1,081	1,134
Women, 20 years and over													
Civilian labor force	25,557	25,516	25,177	24,730	25,023	24,862	25,071	25,221	25,139	25,145	24,884	24,938	24,504
Employed	24,558	24,421	24,094	23,773	24,002	23,834	24,057	24,128	24,167	24,278	23,891	23,994	23,556
Agriculture	705	624	581	537	625	628	636	702	729	663	593	645	652
Nonagricultural industries	23,853	23,797	23,513	23,236	23,377	23,206	23,421	23,426	23,438	23,615	23,298	23,349	22,904
Unemployed	999	1,095	1,083	957	1,021	1,028	1,014	1,093	972	867	993	944	948
Both sexes, 16-19 years													
Civilian labor force	6,585	6,556	6,746	6,438	6,577	6,614	6,732	6,627	6,638	6,670	6,474	6,365	6,743
Employed	5,681	5,730	5,897	5,594	5,816	5,903	5,844	5,900	5,828	5,908	5,654	5,546	5,897
Agriculture	452	441	420	362	395	432	379	452	398	422	386	366	431
Nonagricultural industries	5,229	5,289	5,477	5,232	5,421	5,471	5,465	5,448	5,430	5,486	5,268	5,180	5,466
Unemployed	904	826	849	844	761	711	888	727	810	762	820	819	846

NOTE: Because of the independent seasonal adjustment of the various series, detail for the household data shown in tables A-27 through A-33 will not necessarily add to totals.

HOUSEHOLD DATA
SEASONALLY ADJUSTED

A-28: Employment status by color, sex, and age, seasonally adjusted

(In thousands)

Characteristics	1967								1966				
	Aug.	July	June	May	Apr.	Mar.	Feb.	Jan.	Dec.	Nov.	Oct.	Sept.	Aug.
WHITE													
Total:													
Civilian labor force	68,967	68,649	68,406	67,646	68,108	68,067	68,605	68,559	68,277	68,147	67,576	67,369	67,421
Employed	66,578	66,250	65,982	65,389	65,882	65,927	66,335	66,309	66,056	66,020	65,307	65,181	65,179
Unemployed	2,389	2,399	2,424	2,257	2,226	2,140	2,270	2,250	2,221	2,127	2,269	2,188	2,242
Unemployment rate	3.5	3.5	3.5	3.3	3.3	3.1	3.3	3.3	3.3	3.1	3.4	3.2	3.3
Males, 20 years and over:													
Civilian labor force	41,032	40,838	40,793	40,491	40,601	40,621	40,779	40,736	40,501	40,344	40,249	40,220	40,313
Employed	40,149	39,929	39,831	39,600	39,735	39,794	39,985	39,911	39,641	39,497	39,398	39,351	39,422
Unemployed	883	909	962	891	866	827	794	825	860	847	851	869	891
Unemployment rate	2.2	2.2	2.4	2.2	2.1	2.0	1.9	2.0	2.1	2.1	2.1	2.2	2.2
Females, 20 years and over:													
Civilian labor force	22,204	22,059	21,738	21,533	21,674	21,544	21,750	21,885	21,802	21,848	21,524	21,567	21,165
Employed	21,369	21,215	20,918	20,744	20,894	20,769	20,971	21,031	21,087	21,186	20,761	20,851	20,472
Unemployed	835	844	820	789	780	775	779	854	715	662	763	716	693
Unemployment rate	3.8	3.8	3.8	3.7	3.6	3.6	3.6	3.9	3.3	3.0	3.5	3.3	3.3
Both sexes, 16 to 19 years:													
Civilian labor force	5,731	5,752	5,875	5,622	5,833	5,901	6,076	5,938	5,974	5,955	5,803	5,582	5,943
Employed	5,060	5,106	5,233	5,045	5,253	5,364	5,379	5,367	5,328	5,337	5,148	4,979	5,285
Unemployed	671	646	642	577	580	537	697	571	646	618	655	603	658
Unemployment rate	11.7	11.2	10.9	10.3	9.9	9.1	11.5	9.6	10.8	10.4	11.3	10.8	11.1
NONWHITE													
Total:													
Civilian labor force	8,676	8,738	8,682	8,527	8,656	8,628	8,641	8,645	8,684	8,518	8,400	8,451	8,584
Employed	8,077	8,108	8,001	7,860	8,025	7,991	8,027	8,073	8,027	7,927	7,780	7,839	7,894
Unemployed	599	630	681	667	631	637	614	572	657	591	620	612	690
Unemployment rate	6.9	7.2	7.8	7.8	7.3	7.4	7.1	6.6	7.6	6.9	7.4	7.2	8.0
Males, 20 years and over:													
Civilian labor force	4,513	4,541	4,528	4,498	4,491	4,510	4,517	4,519	4,539	4,482	4,449	4,457	4,492
Employed	4,321	4,354	4,318	4,284	4,310	4,286	4,324	4,332	4,312	4,253	4,228	4,264	4,257
Unemployed	192	187	210	214	181	224	193	187	227	229	221	193	235
Unemployment rate	4.2	4.1	4.6	4.8	4.0	5.0	4.3	4.1	5.0	5.1	5.0	4.3	5.2
Females, 20 years and over:													
Civilian labor force	3,312	3,398	3,363	3,245	3,393	3,359	3,395	3,390	3,386	3,301	3,294	3,285	3,292
Employed	3,131	3,137	3,096	3,059	3,156	3,125	3,165	3,159	3,132	3,096	3,065	3,058	3,024
Unemployed	181	261	267	186	237	234	230	231	254	205	229	227	268
Unemployment rate	5.5	7.7	7.9	5.7	7.0	7.0	6.8	6.8	7.5	6.2	7.0	6.9	8.1
Both sexes, 16 to 19 years:													
Civilian labor force	851	799	791	784	772	759	729	736	759	735	657	709	800
Employed	625	617	587	517	559	580	538	582	583	578	487	517	613
Unemployed	226	182	204	267	213	179	191	154	176	157	170	192	187
Unemployment rate	26.6	22.8	25.8	34.1	27.6	23.6	26.2	20.9	23.2	21.4	25.9	27.1	23.4

HOUSEHOLD DATA SEASONALLY ADJUSTED

A-29: Major unemployment indicators, seasonally adjusted

(Unemployment rates)

Selected categories	1967							1966					
	Aug.	July	June	May	Apr.	Mar.	Feb.	Jan.	Dec.	Nov.	Oct.	Sept.	Aug.
Total (all civilian workers).....	3.8	3.9	4.0	3.8	3.7	3.6	3.7	3.7	3.7	3.5	3.8	3.7	3.8
Men; 20 years and over	2.4	2.4	2.6	2.4	2.3	2.3	2.2	2.2	2.4	2.4	2.4	2.4	2.5
Women, 20 years and over.....	3.9	4.3	4.3	3.9	4.1	4.1	4.0	4.3	3.9	3.4	4.0	3.8	3.9
Both sexes, 16-19 years.....	13.7	12.6	12.6	13.1	11.6	10.7	13.2	11.0	12.2	11.4	12.7	12.9	12.5
White workers	3.5	3.5	3.5	3.3	3.3	3.1	3.3	3.3	3.3	3.1	3.4	3.2	3.3
Nonwhite workers.....	6.9	7.2	7.8	7.8	7.3	7.4	7.1	6.6	7.6	6.9	7.4	7.2	8.0
Married men	2.0	1.8	2.0	1.9	1.9	1.7	1.6	1.7	1.7	1.7	1.9	1.9	2.0
Full-time workers	3.6	3.6	3.9	3.5	3.3	3.1	3.0	3.1	3.3	3.4	3.4	3.4	3.4
Unemployed 15 weeks and over .....	.6	.6	.6	.5	.6	.6	.6	.6	.6	.6	.7	.6	.6
State insured ¹	2.7	2.8	2.6	2.7	2.7	2.5	2.4	2.4	2.3	2.1	2.1	2.2	2.5
Labor force time lost ²	4.3	4.3	4.5	3.8	4.0	4.1	4.0	4.1	4.1	3.8	4.1	4.2	4.2
OCCUPATION													
White-collar workers	2.2	2.2	2.2	1.9	1.7	2.1	2.0	2.1	1.9	1.9	2.1	2.3	2.0
Professional and technical	1.3	1.4	1.3	1.7	1.2	1.4	1.3	1.2	1.2	1.1	1.6	1.6	1.4
Managers, officials, and proprietors .....	.9	.8	1.0	.9	.9	.9	.8	.8	.9	.9	.9	1.2	.9
Clerical workers.....	3.4	3.2	3.2	2.5	2.5	2.9	2.9	3.0	3.0	2.7	3.2	3.2	2.8
Sales workers	3.2	3.7	3.8	2.5	2.3	3.6	2.7	3.4	2.0	3.1	2.2	3.0	2.5
Blue-collar workers	4.4	4.7	4.7	4.6	4.6	4.2	4.1	4.2	4.2	4.2	4.0	4.1	4.4
Craftsmen and foremen	2.4	2.3	2.8	2.8	2.9	2.3	2.3	2.3	2.6	3.0	2.9	2.5	2.7
Operatives	4.8	5.4	5.1	4.9	5.1	4.7	4.7	4.7	4.4	4.0	4.1	4.2	4.7
Nonfarm laborers	7.8	8.0	7.8	8.3	7.5	7.3	6.5	7.2	7.6	8.3	6.8	7.7	7.8
Service workers ..	4.1	4.5	4.3	4.1	4.1	4.2	4.5	4.6	5.2	4.0	4.6	4.4	4.8
Farm workers ..	2.2	2.5	2.8	2.1	2.5	1.9	2.3	1.9	1.8	2.2	2.1	2.2	2.3
INDUSTRY													
Private wage and salary workers ³ ..	3.9	4.1	4.0	3.9	3.7	3.7	3.7	3.8	3.7	3.6	3.8	3.8	3.9
Construction	7.1	7.6	8.6	7.8	8.1	7.1	7.3	7.5	8.9	9.2	8.8	8.5	8.1
Manufacturing	3.8	4.0	3.9	3.9	3.7	3.6	3.3	3.3	3.0	2.8	3.0	3.2	3.3
Durable goods	3.4	4.1	3.6	3.8	3.4	3.0	2.8	3.0	2.7	2.3	2.5	2.9	2.9
Nondurable goods	4.5	4.0	4.3	4.0	4.0	4.5	4.0	3.8	3.5	3.5	3.6	3.7	4.0
Transportation and public utilities	2.6	2.4	2.9	2.7	2.0	1.9	2.1	2.5	1.8	2.0	1.7	2.0	2.0
Wholesale and retail trade	4.2	4.4	4.1	3.6	3.5	3.9	4.0	4.1	4.1	4.4	4.3	4.5	4.5
Finance and service industries	3.5	3.5	3.3	3.5	3.2	3.4	3.6	3.9	3.8	3.3	3.7	3.4	3.6
Government wage and salary workers ..	1.5	1.7	2.1	1.7	1.8	1.8	1.6	1.6	1.9	1.7	1.9	2.3	2.1
Agricultural wage and salary workers ..	7.1	7.2	7.8	6.3	6.4	5.1	6.4	5.0	6.2	6.1	7.3	6.2	7.1

¹Insured unemployment under State programs as a percent of average covered employment.

²Man-hours lost by the unemployed and persons on part time for economic reasons as a percent of potentially available labor force man-hours.

³Includes mining, not shown separately.

HOUSEHOLD DATA
SEASONALLY ADJUSTED

A-30: Unemployed persons by duration of unemployment, seasonally adjusted

(In thousands)

Duration of unemployment	1967								1966				
	Aug.	July	June	May	Apr.	Mar.	Feb.	Jan.	Dec.	Nov.	Oct.	Sept.	Aug.
Less than 5 weeks	1,660	1,805	1,649	1,371	1,468	1,633	1,678	1,542	1,562	1,397	1,493	1,523	1,576
5 to 14 weeks	946	876	919	877	900	827	771	787	760	789	900	831	891
15 weeks and over	441	435	444	414	436	436	439	485	496	484	517	493	462
15 to 26 weeks	231	265	298	271	251	259	249	282	269	287	293	291	254
27 weeks and over	210	170	146	143	185	177	190	203	227	197	224	202	208

A-31: Rates of unemployment by age and sex, seasonally adjusted

Age and sex	1967								1966				
	Aug.	July	June	May	Apr.	Mar.	Feb.	Jan.	Dec.	Nov.	Oct.	Sept.	Aug.
Total, 16 years and over	3.8	3.9	4.0	3.8	3.7	3.6	3.7	3.7	3.7	3.5	3.8	3.7	3.8
16 to 19 years	13.7	12.6	12.6	13.1	11.6	10.7	13.2	11.0	12.2	11.4	12.7	12.9	12.5
16 and 17 years	15.3	14.4	14.0	13.7	14.8	12.0	16.4	13.1	13.8	12.9	14.7	14.8	14.2
18 and 19 years	12.7	11.4	11.3	12.8	10.9	9.8	11.0	9.5	10.8	10.6	11.4	11.2	11.3
20 to 24 years	5.5	6.2	5.8	5.2	5.1	5.4	5.2	5.6	5.6	5.0	5.4	5.2	5.4
25 years and over	2.5	2.6	2.8	2.6	2.6	2.6	2.5	2.6	2.6	2.5	2.6	2.6	2.7
25 to 54 years	2.6	2.7	2.9	2.7	2.7	2.6	2.6	2.6	2.5	2.6	2.6	2.6	2.7
55 years and over	2.5	2.3	2.3	2.7	2.5	2.5	2.2	2.9	2.5	2.4	2.5	2.5	2.6
Males, 16 years and over	3.1	3.1	3.3	3.2	3.0	2.9	3.0	2.9	3.2	3.0	3.1	3.1	3.2
16 to 19 years	12.4	11.6	12.3	12.9	11.8	10.1	12.6	11.1	12.2	10.5	11.7	12.3	10.9
16 and 17 years	15.3	14.5	14.2	14.5	16.8	11.3	14.8	13.9	13.8	11.5	14.1	14.1	12.5
18 and 19 years	10.2	9.2	10.3	11.8	10.8	9.0	10.3	8.8	10.8	9.7	9.9	10.2	9.7
20 to 24 years	5.0	5.0	5.1	4.9	4.0	4.2	3.6	4.2	5.3	4.9	4.3	4.3	4.7
25 years and over	2.0	2.1	2.2	2.1	2.1	2.1	2.0	2.0	2.1	2.2	2.1	2.2	2.3
25 to 54 years	2.0	2.0	2.1	2.0	2.0	2.0	1.9	1.8	1.9	2.1	1.9	2.0	2.2
55 years and over	2.4	2.3	2.5	2.8	2.6	2.4	2.2	2.8	2.3	2.4	2.1	2.6	2.7
Females, 16 years and over	5.1	5.3	5.2	4.8	4.9	4.9	5.1	5.0	4.7	4.4	5.0	4.8	5.0
16 to 19 years	15.4	13.8	13.0	13.4	11.3	11.6	13.9	10.8	12.2	12.6	13.9	13.6	14.6
16 and 17 years	15.4	14.3	13.8	12.4	12.0	13.1	18.7	11.9	13.7	14.9	15.7	15.8	16.8
18 and 19 years	15.4	13.8	12.4	13.8	11.0	10.7	11.7	10.2	10.7	11.5	13.0	12.2	13.0
20 to 24 years	6.1	7.6	6.8	5.5	6.6	6.9	7.3	7.4	6.1	5.2	6.9	6.5	6.4
25 years and over	3.5	3.7	3.9	3.4	3.6	3.6	3.5	3.8	3.5	3.1	3.5	3.3	3.4
25 to 54 years	3.7	4.1	4.5	4.0	3.9	3.9	3.7	4.0	3.6	3.4	3.9	3.5	3.6
55 years and over	2.7	2.2	1.7	2.6	2.4	2.8	2.1	3.3	3.0	2.3	3.1	2.3	2.3

HOUSEHOLD DATA
SEASONALLY ADJUSTED

A-32: Employed persons by age and sex, seasonally adjusted

(In thousands)

Age and sex	1967								1966				
	Aug.	July	June	May	Apr.	Mar.	Feb.	Jan.	Dec.	Nov.	Oct.	Sept.	Aug.
TOTAL													
16 years and over	74,718	74,489	74,147	73,289	73,910	73,747	74,137	74,255	73,893	73,897	73,199	73,195	73,141
16 to 19 years	5,681	5,730	5,897	5,594	5,816	5,903	5,844	5,900	5,828	5,908	5,654	5,546	5,897
16 and 17 years	2,341	2,322	2,363	2,201	2,346	2,478	2,399	2,389	2,427	2,362	2,233	2,229	2,311
18 and 19 years	3,331	3,402	3,491	3,358	3,470	3,465	3,495	3,516	3,487	3,537	3,386	3,304	3,587
20 to 24 years	8,612	8,604	8,571	8,420	8,418	8,348	8,355	8,228	8,126	8,062	7,977	7,916	7,937
25 years and over	60,393	60,128	59,678	59,300	59,650	59,516	60,000	60,125	59,886	59,925	59,593	59,761	59,294
25 to 54 years	46,709	46,471	46,062	46,044	46,295	46,391	46,616	46,742	46,541	46,399	46,146	46,119	45,845
55 years and over	13,632	13,563	13,627	13,244	13,360	13,224	13,450	13,468	13,405	13,544	13,332	13,417	13,394
MALE													
16 years and over	47,712	47,555	47,448	47,050	47,273	47,358	47,475	47,533	47,116	47,011	46,824	46,769	47,036
16 to 19 years	3,233	3,217	3,292	3,128	3,181	3,348	3,239	3,306	3,218	3,300	3,170	3,114	3,348
16 and 17 years	1,436	1,399	1,403	1,324	1,351	1,512	1,444	1,453	1,463	1,451	1,369	1,347	1,405
18 and 19 years	1,786	1,810	1,856	1,766	1,825	1,854	1,852	1,867	1,802	1,858	1,790	1,778	1,934
20 to 24 years	4,891	4,856	4,881	4,750	4,771	4,762	4,812	4,721	4,588	4,594	4,586	4,570	4,592
25 years and over	39,566	39,468	39,266	39,177	39,306	39,276	39,474	39,493	39,259	39,098	39,085	39,090	39,087
25 to 54 years	30,638	30,584	30,424	30,402	30,558	30,645	30,697	30,776	30,519	30,331	30,313	30,302	30,311
55 years and over	8,889	8,860	8,870	8,738	8,717	8,670	8,777	8,758	8,767	8,805	8,741	8,749	8,738
FEMALE													
16 years and over	27,006	26,934	26,699	26,239	26,637	26,389	26,662	26,722	26,777	26,886	26,375	26,426	26,105
16 to 19 years	2,448	2,513	2,605	2,466	2,635	2,555	2,605	2,594	2,610	2,608	2,484	2,432	2,549
16 and 17 years	905	923	960	877	995	966	955	936	964	911	864	882	906
18 and 19 years	1,545	1,592	1,635	1,592	1,645	1,611	1,644	1,649	1,685	1,679	1,596	1,526	1,653
20 to 24 years	3,721	3,748	3,690	3,670	3,647	3,586	3,543	3,507	3,538	3,468	3,391	3,346	3,345
25 years and over	20,827	20,660	20,412	20,123	20,344	20,240	20,526	20,632	20,627	20,827	20,508	20,671	20,207
25 to 54 years	16,071	15,887	15,638	15,642	15,737	15,746	15,919	15,966	16,022	16,068	15,833	15,817	15,537
55 years and over	4,743	4,703	4,757	4,506	4,643	4,554	4,673	4,710	4,638	4,739	4,591	4,669	4,656

A-33: Employed persons by major occupation group, seasonally adjusted

(In thousands)

Occupation group	1967								1966				
	Aug.	July	June	May	Apr.	Mar.	Feb.	Jan.	Dec.	Nov.	Oct.	Sept.	Aug.
White-collar workers	34,628	34,345	34,338	33,818	33,678	33,452	33,615	33,534	33,708	33,961	33,583	33,487	33,529
Professional and technical	9,947	9,993	9,992	9,649	9,717	9,691	9,825	9,649	9,703	9,573	9,521	9,445	9,466
Managers, officials, and proprietors	7,869	7,579	7,662	7,416	7,297	7,226	7,225	7,117	7,269	7,568	7,444	7,552	7,573
Clerical workers	12,296	12,238	12,260	12,290	12,163	11,995	12,093	12,197	12,273	12,338	12,048	11,938	12,014
Sales workers	4,516	4,535	4,424	4,463	4,501	4,540	4,472	4,571	4,463	4,482	4,570	4,552	4,476
Blue-collar workers	27,261	27,445	27,375	26,959	26,971	27,230	27,546	27,377	27,204	26,827	26,710	26,851	27,017
Craftsmen and foremen	9,574	9,766	9,736	9,796	9,863	10,032	10,044	10,010	9,799	9,683	9,609	9,637	9,710
Operatives	14,120	14,024	13,997	13,688	13,607	13,776	13,959	13,874	13,911	13,777	13,724	13,680	13,732
Nonfarm laborers	3,567	3,655	3,642	3,475	3,501	3,422	3,543	3,493	3,494	3,367	3,377	3,534	3,575
Service workers	9,203	9,270	9,240	9,093	9,419	9,408	9,534	9,387	9,456	9,475	9,396	9,274	9,129
Farmers and farm laborers	3,715	3,550	3,427	3,382	3,568	3,606	3,589	3,754	3,663	3,622	3,483	3,578	3,633

ESTABLISHMENT DATA HISTORICAL EMPLOYMENT

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

(In thousands)

Year and month	TOTAL	Mining	Contract construction	Manufacturing	Transportation and public utilities	Wholesale and retail trade			Finance, insurance, and real estate	Service and miscellaneous	Government		
						Total	Wholesale trade	Retail trade			Total	Federal	State and local
1919.....	27,088	1,133	1,021	10,699	3,711	4,514	-	-	1,111	2,263	2,676	-	-
1920.....	27,350	1,239	848	10,658	3,998	4,467	-	-	1,175	2,362	2,603	-	-
1921.....	24,382	962	1,012	8,257	3,459	4,589	-	-	1,163	2,412	2,528	-	-
1922.....	25,827	929	1,185	9,120	3,505	4,903	-	-	1,144	2,503	2,538	-	-
1923.....	28,394	1,212	1,229	10,300	3,882	5,290	-	-	1,190	2,684	2,607	-	-
1924.....	28,040	1,101	1,321	9,671	3,807	5,407	-	-	1,231	2,782	2,720	-	-
1925.....	28,778	1,089	1,446	9,939	3,826	5,576	-	-	1,233	2,869	2,800	-	-
1926.....	29,819	1,185	1,555	10,156	3,942	5,784	-	-	1,305	3,046	2,846	-	-
1927.....	29,976	1,114	1,608	10,001	3,895	5,908	-	-	1,367	3,168	2,915	-	-
1928.....	30,000	1,050	1,606	9,947	3,828	5,874	-	-	1,435	3,265	2,995	-	-
1929.....	31,339	1,087	1,497	10,702	3,916	6,123	-	-	1,509	3,440	3,065	533	2,532
1930.....	29,424	1,009	1,372	9,562	3,685	5,797	-	-	1,475	3,376	3,148	526	2,622
1931.....	26,049	873	1,214	8,170	3,254	5,284	-	-	1,407	3,183	3,264	560	2,704
1932.....	23,628	731	970	6,931	2,816	4,683	-	-	1,341	2,931	3,225	559	2,666
1933.....	23,711	744	809	7,397	2,672	4,755	-	-	1,295	2,873	3,166	565	2,601
1934.....	25,953	883	862	8,501	2,750	5,281	-	-	1,319	3,058	3,299	652	2,647
1935.....	27,053	897	912	9,069	2,786	5,431	-	-	1,335	3,142	3,481	753	2,728
1936.....	29,082	946	1,145	9,827	2,973	5,809	-	-	1,388	3,326	3,668	826	2,842
1937.....	31,026	1,015	1,112	10,794	3,134	6,265	-	-	1,432	3,518	3,756	833	2,923
1938.....	29,209	891	1,055	9,440	2,863	6,179	-	-	1,425	3,473	3,883	829	3,054
1939.....	30,618	854	1,150	10,278	2,936	6,426	1,684	4,742	1,462	3,517	3,995	905	3,090
1940.....	32,376	925	1,294	10,985	3,038	6,750	1,754	4,996	1,502	3,681	4,202	996	3,206
1941.....	36,554	957	1,750	13,192	3,274	7,210	1,873	5,338	1,549	3,921	4,660	1,340	3,320
1942.....	40,125	992	2,170	15,280	3,460	7,118	1,821	5,297	1,538	4,084	5,483	2,213	3,270
1943.....	42,452	925	1,567	17,602	3,647	6,982	1,741	5,241	1,502	4,148	6,080	2,905	3,174
1944.....	41,883	892	1,094	17,328	3,829	7,058	1,762	5,296	1,476	4,163	6,043	2,928	3,116
1945.....	40,394	836	1,132	15,524	3,906	7,314	1,862	5,452	1,497	4,241	5,944	2,808	3,137
1946.....	41,674	862	1,661	14,703	4,061	8,376	2,190	6,186	1,697	4,719	5,595	2,254	3,341
1947.....	43,881	955	1,982	15,545	4,166	8,955	2,361	6,595	1,754	5,050	5,474	1,892	3,582
1948.....	44,891	994	2,169	15,582	4,189	9,272	2,489	6,783	1,829	5,206	5,650	1,863	3,787
1949.....	43,778	930	2,165	14,441	4,001	9,264	2,487	6,778	1,857	5,264	5,856	1,908	3,948
1950.....	45,222	901	2,333	15,241	4,034	9,386	2,518	6,868	1,919	5,382	6,026	1,928	4,098
1951.....	47,049	929	2,603	16,393	4,226	9,742	2,606	7,136	1,991	5,576	6,389	2,302	4,087
1952.....	48,825	898	2,634	16,632	4,248	10,004	2,687	7,317	2,069	5,730	6,609	2,420	4,188
1953.....	50,232	866	2,623	17,549	4,290	10,247	2,727	7,520	2,146	5,867	6,645	2,305	4,340
1954.....	49,022	791	2,612	16,314	4,084	10,235	2,739	7,496	2,234	6,002	6,751	2,188	4,563
1955.....	50,675	792	2,802	16,882	4,141	10,535	2,796	7,740	2,335	6,274	6,914	2,187	4,727
1956.....	52,408	822	2,999	17,243	4,244	10,858	2,884	7,974	2,429	6,536	7,277	2,209	5,069
1957.....	52,894	828	2,923	17,174	4,241	10,886	2,893	7,992	2,477	6,749	7,616	2,217	5,399
1958.....	51,363	751	2,778	15,945	3,976	10,750	2,848	7,902	2,519	6,806	7,839	2,191	5,648
1959.....	53,313	732	2,960	16,675	4,011	11,127	2,946	8,182	2,594	7,130	8,083	2,233	5,850
1960.....	54,234	712	2,885	16,796	4,004	11,391	3,004	8,388	2,669	7,423	8,353	2,270	6,083
1961.....	54,042	672	2,816	16,326	3,903	11,337	2,993	8,344	2,731	7,664	8,594	2,279	6,315
1962.....	55,596	690	2,902	16,853	3,906	11,566	3,056	8,511	2,800	8,028	8,890	2,340	6,590
1963.....	56,702	635	2,963	16,995	3,903	11,778	3,104	8,675	2,877	8,325	9,225	2,358	6,868
1964.....	58,332	634	3,050	17,274	3,951	12,160	3,189	8,971	2,957	8,709	9,596	2,348	7,249
1965.....	60,832	632	3,186	18,062	4,036	12,716	3,312	9,404	3,023	9,087	10,091	2,378	7,714
1966.....	63,982	625	3,292	19,186	4,151	13,211	3,438	9,773	3,102	9,545	10,871	2,564	8,307
1966: August...	64,607	645	3,653	19,499	4,171	13,219	3,498	9,721	3,164	9,736	10,520	2,631	7,889
September...	65,017	634	3,540	19,638	4,238	13,251	3,476	9,775	3,127	9,667	10,922	2,589	8,333
October...	65,351	627	3,466	19,640	4,219	13,385	3,500	9,885	3,117	9,704	11,199	2,612	8,581
November...	65,559	624	3,328	19,625	4,229	13,603	3,512	10,091	3,116	9,695	11,339	2,641	8,698
December...	66,087	622	3,146	19,534	4,222	14,248	3,534	10,714	3,125	9,693	11,497	2,769	8,728
1967: January...	64,531	611	2,947	19,333	4,183	13,334	3,491	9,843	3,114	9,643	11,366	2,643	8,723
February...	64,491	606	2,863	19,297	4,175	13,218	3,479	9,739	3,133	9,725	11,474	2,652	8,822
March...	64,843	607	2,922	19,263	4,191	13,332	3,486	9,846	3,157	9,817	11,554	2,669	8,885
April.....	65,215	614	3,106	19,181	4,174	13,412	3,499	9,913	3,181	9,963	11,584	2,683	8,901
May.....	65,594	618	3,227	19,133	4,250	13,503	3,503	10,000	3,202	10,057	11,604	2,690	8,914
June.....	66,514	633	3,407	19,382	4,304	13,675	3,562	10,113	3,253	10,196	11,664	2,766	8,898
July.....	66,139	636	3,547	19,161	4,339	13,627	3,583	10,044	3,289	10,260	11,280	2,798	8,482
August...	66,473	619	3,581	19,480	4,346	13,635	3,597	10,038	3,304	10,263	11,245	2,804	8,441

NOTE: Data include Alaska and Hawaii beginning 1959. This inclusion has resulted in an increase of 212,000 (0.4 percent) in the nonagricultural total for the March 1959 benchmark month. Data for the 2 most recent months are preliminary.

ESTABLISHMENT DATA EMPLOYMENT

B-2: Employees on nonagricultural payrolls, by industry

SIC CODE	Industry	(In thousands)										
		All employees					Production workers ¹					
		Aug. 1967	July 1967	June 1967	Aug. 1966	July 1966	Aug. 1967	July 1967	June 1967	Aug. 1966	July 1966	
-	TOTAL	66,473	66,139	66,514	64,607	64,391						
-	PRIVATE SECTOR	55,228	54,859	54,850	54,087	53,818	45,812	45,488	45,545	45,072	44,834	
-	MINING	619	636	633	645	642	474	490	488	503	500	
10	METAL MINING		90.2	90.6	89.1	88.3	-	74.2	74.9	74.1	73.3	
101	Iron ores		28.4	28.8	27.2	26.7	-	23.7	24.2	23.0	22.4	
102	Copper ores		32.9	33.0	32.5	32.3	-	26.7	27.0	26.7	26.5	
11,12	COAL MINING	-	140.0	142.4	141.1	138.2	-	121.5	123.5	122.9	119.9	
12	Bituminous coal and lignite mining	-	133.2	135.4	133.5	131.1	-	115.4	117.3	116.2	113.6	
13	OIL AND GAS EXTRACTION	-	277.4	273.6	286.6	286.7	-	188.6	185.4	199.4	199.5	
131,2	Crude petroleum and natural gas fields	-	154.7	152.4	156.5	156.7	-	84.6	83.4	86.9	87.2	
138	Oil and gas field services	-	122.7	121.2	130.1	130.0	-	104.0	102.0	112.5	112.3	
14	NONMETALLIC MINERALS, EXCEPT FUELS	-	128.1	126.0	128.4	128.4	-	105.8	104.2	106.6	107.1	
142	Crushed and broken stone	-	44.4	43.2	44.6	44.5	-	37.6	36.6	38.2	38.1	
144	Sand and gravel	-	42.7	42.2	42.5	42.5	-	-	-	-	-	
-	CONTRACT CONSTRUCTION	3,581	3,547	3,407	3,653	3,634	3,067	3,033	2,893	2,151	3,131	
	GENERAL BUILDING CONTRACTORS		1,095.6	1,057.1	1,151.9	1,141.0	-	945.9	907.3	1,004.7	992.9	
16	HEAVY CONSTRUCTION CONTRACTORS	-	782.4	744.9	803.0	803.0	-	687.0	647.3	707.7	707.7	
161	Highway and street construction	-	404.6	330.2	415.4	414.9	-	365.8	340.5	378.0	377.3	
162	Heavy construction, n e c	-	377.8	364.7	387.6	388.1	-	321.2	306.8	329.7	330.4	
17	SPECIAL TRADE CONTRACTORS	-	1,669.2	1,605.0	1,698.2	1,690.4	-	1,399.7	1,338.8	1,438.1	1,430.6	
171	Plumbing, heating, air conditioning	-	383.7	372.0	384.9	386.6	-	310.2	298.7	313.5	315.2	
172	Painting, paper hanging, decorating	-	152.4	144.5	164.8	161.3	-	137.4	129.4	148.7	144.8	
173	Electrical work	-	273.5	265.3	266.6	262.1	-	219.3	211.5	216.9	212.0	
174	Masonry, stonework, and plastering	-	239.9	233.4	261.2	258.3	-	216.6	211.1	239.3	236.5	
176	Roofing and sheet metal work	-	122.9	118.0	119.6	118.7	-	100.5	95.9	97.9	97.0	
-	MANUFACTURING	19,480	19,161	19,382	19,499	19,228	14,288	13,996	14,249	14,490	14,235	
19,24,25,32-39	DURABLE GOODS	11,268	11,219	11,383	11,318	11,285	8,177	8,142	8,332	8,349	8,326	
20-23,26-31	NONDURABLE GOODS	8,212	7,942	7,999	8,181	7,943	6,111	5,854	5,917	6,141	5,909	
	<i>Durable Goods</i>											
19	ORDNANCE AND ACCESSORIES	294.8	289.8	288.7	259.5	256.6	151.7	148.3	148.0	124.4	121.6	
192	Ammunition, except for small arms	221.4	217.9	215.9	193.9	191.4	104.3	101.6	100.6	82.0	79.6	
1925	Complete guided missiles	-	162.9	162.7	160.8	161.1	-	56.8	57.1	54.7	55.0	
194	Sighting and fire control equipment	-	16.1	15.7	13.9	13.9	-	6.8	6.7	5.9	5.9	
191,3,5,6,9	Other ordnance and accessories	56.8	55.8	57.1	51.7	51.3	40.2	39.9	40.7	36.5	36.1	
24	LUMBER AND WOOD PRODUCTS	615.0	612.6	613.5	638.8	637.6	536.3	533.3	534.2	559.3	558.2	
241	Logging camps & logging contractors	93.0	93.0	91.9	88.7	88.5	-	-	-	-	-	
242	Sawmills and planing mills	238.7	237.5	239.1	253.1	252.3	217.7	216.8	217.7	231.2	230.6	
2421	Sawmills and planing mills, general	-	201.5	202.4	212.3	212.5	-	184.2	184.4	194.0	194.2	
243	Millwork, plywood, & related products	169.1	167.7	166.9	179.1	180.0	142.3	140.2	140.0	150.8	152.1	
2431	Millwork	-	72.2	70.8	74.3	74.5	-	58.4	57.4	59.9	60.1	
2432	Veneer and plywood	-	74.8	76.6	83.0	83.3	-	67.9	69.4	75.9	76.1	
244	Wooden containers	35.1	36.3	37.1	36.6	36.2	31.3	32.5	33.3	33.1	32.5	
2441,2	Wooden boxes, shooks, and crates	-	28.3	29.2	28.8	28.5	-	25.3	26.3	26.0	25.8	
249	Miscellaneous wood products	79.1	78.1	78.5	81.3	80.6	66.9	65.7	66.1	69.8	69.0	

See footnotes at end of table. NOTE: Data for the 2 most recent months are preliminary.

**ESTABLISHMENT DATA
EMPLOYMENT**

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

SIC Code	Industry	(In thousands)									
		All employees					Production workers ¹				
		Aug. 1967	July 1967	June 1967	Aug. 1966	July 1966	Aug. 1967	July 1967	June 1967	Aug. 1966	July 1966
<i>Durable Goods--Continued</i>											
25	FURNITURE AND FIXTURES	458.4	444.4	451.6	472.4	457.7	377.8	363.7	371.3	392.0	378.7
251	Household furniture.....	319.0	308.6	313.9	333.7	324.5	269.2	259.2	264.7	285.2	277.1
2511	Wood household furniture.....	-	159.0	162.1	176.0	170.2	-	138.5	142.0	156.4	151.1
2512	Upholstered household furniture.....	-	77.0	78.2	83.0	81.8	-	63.2	64.2	69.1	68.2
2515	Mattresses and bedsprings.....	-	37.2	37.1	39.0	38.3	-	29.1	29.0	30.8	30.4
252	Office furniture.....	-	35.8	35.8	35.9	35.6	-	27.8	27.7	27.9	27.9
254	Partitions and fixtures.....	-	48.8	48.8	49.8	47.6	-	36.4	36.7	37.2	35.3
253,9	Other furniture and fixtures.....	52.8	51.2	53.1	53.0	50.0	42.0	40.3	42.2	41.7	38.4
32	STONE, CLAY, AND GLASS PRODUCTS	646.1	644.5	641.9	664.8	665.6	514.4	513.8	512.4	536.5	536.3
321	Flat glass.....	-	30.2	29.7	32.2	32.3	-	22.9	22.8	25.2	25.4
322	Glass and glassware, pressed or blown....	124.2	122.9	124.5	126.4	125.3	108.2	106.7	107.9	110.3	109.6
3221	Glass containers.....	-	74.1	74.4	72.6	72.6	-	65.8	66.2	64.4	64.5
3229	Pressed and blown glass, n e c.....	-	48.8	50.1	53.8	52.7	-	40.9	41.7	45.9	45.1
324	Cement, hydraulic.....	37.0	37.4	37.7	40.0	40.0	28.1	28.7	29.1	31.2	31.2
325	Structural clay products.....	67.7	68.1	68.3	72.6	74.0	56.0	56.8	56.9	61.8	63.0
3251	Brick and structural clay tile.....	-	30.4	30.5	32.4	32.9	-	26.9	26.9	29.0	29.3
326	Pottery and related products.....	-	41.2	41.7	43.4	42.1	-	34.5	35.2	36.9	35.4
327	Concrete, gypsum, and plaster products....	187.2	185.4	181.2	187.5	189.3	145.3	143.7	140.1	146.0	146.8
328,9	Other stone and nonmetallic mineral products	137.4	137.3	136.7	139.8	139.9	102.5	102.7	102.5	106.4	106.4
3291	Abrasive products.....	-	27.7	27.6	28.5	28.3	-	18.9	18.9	19.8	19.6
33	PRIMARY METAL INDUSTRIES	1,278.4	1,299.5	1,319.9	1,371.7	1,373.2	1,015.6	1,038.8	1,061.0	1,116.1	1,117.8
331	Blast furnace and basic steel products....	632.3	637.1	634.6	672.2	679.2	503.4	511.2	509.6	547.6	555.5
3312	Blast furnaces, and steel mills.....	-	558.6	555.5	590.4	596.8	-	449.5	447.2	482.8	490.2
332	Iron and steel foundries.....	216.1	214.2	228.8	240.4	239.3	180.5	179.0	193.6	205.0	203.6
3321	Gray iron foundries.....	-	121.3	134.6	142.2	141.9	-	102.3	115.4	122.3	121.7
3322	Malleable iron foundries.....	-	25.9	26.3	27.0	27.2	-	21.8	22.3	22.9	23.0
3323	Steel foundries.....	-	67.0	67.9	71.2	70.2	-	54.9	55.9	59.8	58.9
333,4	Nonferrous metals.....	66.6	82.2	81.9	79.0	79.7	49.1	63.1	62.8	60.6	61.5
335	Nonferrous rolling and drawing.....	203.1	207.2	210.4	216.7	214.0	152.6	156.4	160.6	167.8	164.5
3351	Copper rolling and drawing.....	-	44.9	46.0	49.5	48.2	-	33.2	34.9	38.2	36.5
3352	Aluminum rolling and drawing.....	-	68.5	68.8	72.3	72.3	-	52.6	53.2	56.7	56.6
3357	Nonferrous wire drawing and insulating..	-	70.9	72.2	71.0	69.6	-	54.5	55.9	55.6	54.0
336	Nonferrous foundries.....	89.6	87.1	90.5	91.7	89.4	74.0	71.9	75.2	77.6	75.1
3361	Aluminum castings.....	-	45.2	46.4	44.5	43.8	-	38.1	39.6	38.4	37.5
3362,9	Other nonferrous castings.....	-	41.9	44.1	47.2	45.6	-	33.8	35.6	39.2	37.6
339	Miscellaneous primary metal products.....	70.7	71.7	73.7	71.7	71.6	56.0	57.2	59.2	57.5	57.6
3391	Iron and steel forgings.....	-	47.5	49.2	48.7	48.6	-	38.2	40.0	39.6	39.7
34	FABRICATED METAL PRODUCTS	1,352.8	1,340.4	1,369.1	1,358.1	1,336.5	1,041.7	1,029.3	1,060.1	1,054.8	1,033.1
341	Metal cans.....	68.5	68.1	68.1	68.0	68.1	58.5	58.4	58.5	58.0	58.0
342	Cutlery, hand tools, and hardware.....	153.7	153.4	159.2	158.9	154.0	120.4	119.4	125.6	125.5	119.7
3421,3,5	Cutlery and hand tools, incl. saws.....	-	61.8	64.2	63.3	61.4	-	49.2	51.7	50.9	46.6
3429	Hardware, n e c.....	-	91.6	95.0	95.6	92.6	-	70.2	73.9	74.6	71.1
343	Plumbing and heating, except electric....	80.2	77.7	79.1	80.8	78.8	58.9	57.5	58.7	60.6	59.0
3431,2	Sanitary ware & plumbers' brass goods..	-	32.9	34.3	35.4	34.5	-	26.3	27.3	28.5	27.7
3433	Heating equipment, except electric.....	-	44.8	44.8	45.4	44.3	-	31.2	31.4	32.1	31.3
344	Fabricated structural metal products.....	410.3	406.5	407.7	409.9	409.2	296.1	293.3	295.5	299.7	299.5
3441	Fabricated structural steel.....	-	109.3	108.8	111.5	110.5	-	80.2	80.2	83.4	82.5
3442	Metal doors, sash, and trim.....	-	65.6	66.7	69.1	68.8	-	47.5	48.7	50.3	50.1
3443	Fabricated plate work (boiler shops)....	-	112.9	112.7	105.8	106.1	-	80.0	80.1	75.0	75.4
3444	Sheet metal work.....	-	75.3	76.1	77.0	77.5	-	54.9	55.6	56.4	57.1
3446,9	Architectural and misc. metal work.....	-	43.4	43.4	46.5	46.3	-	30.7	30.9	34.6	34.4
345	Screw machine products, bolts, etc.....	111.3	111.5	113.3	108.2	107.3	88.5	88.1	90.0	85.6	84.8
3451	Screw machine products.....	-	51.5	52.3	50.4	49.6	-	43.7	44.7	42.9	42.3
3452	Bolts, nuts, rivets, and washers.....	-	60.0	61.0	57.8	57.7	-	44.4	45.3	42.7	42.5
346	Metal stampings.....	225.2	221.7	236.6	228.1	218.6	181.1	176.5	191.8	184.2	174.6
347	Metal services, n e c.....	84.9	84.2	85.9	86.2	83.8	71.0	70.3	71.9	72.9	70.3
348	Misc. fabricated wire products.....	66.2	65.8	66.3	66.9	66.7	53.1	52.7	53.2	54.3	54.3
349	Misc. fabricated metal products.....	152.5	151.5	152.9	151.1	150.0	114.1	113.1	114.9	114.0	112.9
3494,8	Valves, pipe, and pipe fittings.....	-	93.1	93.8	89.7	89.3	-	66.8	67.7	64.7	64.2

See footnotes at end of table. NOTE: Data for the 2 most recent months are preliminary.

**ESTABLISHMENT DATA
EMPLOYMENT**

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

SIC Code	Industry	(In thousands)									
		All employees					Production workers ¹				
		Aug. 1967	July 1967	June 1967	Aug. 1966	July 1966	Aug. 1967	July 1967	June 1967	Aug. 1966	July 1966
<i>Durable Goods--Continued</i>											
35	MACHINERY, EXCEPT ELECTRICAL	1,972.6	1,972.8	1,988.1	1,936.4	1,932.3	1,364.4	1,363.8	1,386.0	1,357.3	1,355.6
351	Engines and turbines	102.3	103.1	104.5	102.7	102.0	71.8	70.2	72.3	71.4	70.4
3511	Steam engines and turbines	-	35.9	35.4	33.3	33.4	-	21.4	21.0	19.6	19.6
3519	Internal combustion engines, n e c	-	67.2	69.1	69.4	68.6	-	48.8	51.3	51.8	50.8
352	Farm machinery	-	147.6	152.0	146.0	147.3	-	107.8	112.1	106.1	108.4
353	Construction and related machinery	277.9	276.8	278.1	282.4	284.9	184.2	184.6	188.8	192.8	195.1
3531,2	Construction and mining machinery	-	147.8	149.3	155.4	154.6	-	101.3	103.5	110.0	109.4
3533	Oil field machinery	-	39.3	39.5	39.6	40.4	-	26.5	26.6	26.8	27.6
3535,6	Conveyors, hoists, cranes, monorails	-	41.3	41.2	40.1	41.3	-	25.4	26.5	26.0	27.1
354	Metal working machinery	344.1	346.9	349.5	338.1	338.5	258.5	260.6	264.3	255.8	255.5
3541	Machine tools, metal cutting types	-	85.2	84.3	80.6	80.3	-	59.0	58.8	56.2	55.9
3544	Special dies, tools, jigs, & fixtures	-	120.7	122.7	116.9	118.4	-	100.2	102.4	96.4	97.5
3545	Machine tool accessories	-	63.1	63.5	62.4	61.7	-	46.6	47.2	45.4	45.7
3542,8	Misc. metal working machinery	-	77.9	78.8	78.2	78.1	-	54.8	55.9	56.8	56.4
355	Special industry machinery	205.3	203.4	205.7	207.3	206.9	138.9	137.0	139.9	143.4	142.7
3551	Food products machinery	-	44.6	44.8	43.1	43.3	-	28.4	28.9	27.7	28.0
3552	Textile machinery	-	40.8	41.5	45.4	45.0	-	30.8	31.4	35.4	34.8
3555	Printing trades machinery	-	30.7	30.6	29.4	29.9	-	21.5	21.6	20.8	21.1
356	General industrial machinery	294.0	291.4	296.0	287.7	287.1	194.0	192.0	196.8	191.5	191.8
3561	Pumps and compressors	-	79.9	81.1	78.8	77.8	-	44.5	45.4	45.2	44.5
3562	Ball and roller bearings	-	63.5	66.2	62.9	62.6	-	49.3	52.0	49.1	48.8
3566	Power transmission equipment	-	55.6	55.9	53.9	54.5	-	40.8	41.4	39.9	40.5
357	Office and computing machines	242.1	237.3	234.3	220.7	218.3	138.0	136.9	135.9	130.7	128.3
3571	Computing machines and cash registers	-	182.9	179.2	169.9	168.2	-	99.9	98.4	95.6	94.6
358	Service industry machines	130.7	133.4	134.5	129.7	127.8	91.4	93.3	95.2	91.3	89.6
3585	Refrigeration machinery	-	87.7	87.1	81.8	81.2	-	61.8	62.1	57.5	57.0
359	Misc. machinery, except electrical	231.2	232.9	233.5	221.8	219.5	182.1	181.4	182.7	174.3	174.3
36	ELECTRICAL EQUIPMENT AND SUPPLIES	1,898.8	1,872.2	1,868.1	1,941.7	1,892.3	1,265.4	1,241.9	1,247.2	1,344.5	1,303.5
361	Electric test & distributing equipment	200.9	199.8	200.7	196.2	193.2	137.8	137.4	138.6	135.2	132.7
3611	Electric measuring instruments	-	66.3	67.1	67.4	66.3	-	44.2	45.0	45.3	44.5
3612	Transformers	-	56.3	56.1	53.7	53.1	-	39.8	39.8	38.3	37.7
3613	Switchgear and switchboard apparatus	-	77.2	77.5	75.1	73.8	-	53.4	53.8	51.6	50.5
362	Electrical industrial apparatus	218.7	218.2	221.0	221.2	217.9	152.3	153.2	155.9	158.4	155.3
3621	Motors and generators	-	119.4	120.4	120.1	120.1	-	84.3	85.4	86.3	86.1
3622	Industrial controls	-	58.7	60.1	60.8	58.3	-	39.1	40.2	41.3	39.4
363	Household appliances	176.1	171.2	177.9	182.6	171.9	138.2	133.4	139.6	142.9	132.7
3632	Household refrigerators and freezers	-	56.7	59.7	57.8	50.8	-	47.1	49.6	47.3	40.3
3633	Household laundry equipment	-	25.1	24.7	27.4	27.1	-	18.9	18.4	21.1	20.8
3634	Electric housewares and fans	-	38.6	41.3	46.1	43.5	-	29.1	32.0	35.8	33.3
364	Electric lighting and wiring equipment	191.8	188.4	192.3	195.5	192.7	147.6	143.7	147.2	152.3	150.0
3641	Electric lamps	-	33.2	33.3	34.9	34.1	-	29.3	29.4	30.9	30.2
3642	Lighting fixtures	-	59.1	60.6	63.1	61.1	-	45.1	46.7	48.7	46.8
3643,4	Wiring devices	-	96.1	98.4	97.5	97.5	-	69.3	71.1	72.7	73.0
365	Radio and TV receiving equipment	144.1	139.1	117.9	165.6	154.2	102.7	99.1	84.6	131.5	121.0
366	Communication equipment	503.2	501.5	499.0	477.1	469.2	249.3	246.9	247.4	237.6	233.8
3661	Telephone and telegraph apparatus	-	131.4	130.6	128.5	129.2	-	87.8	88.0	86.3	86.8
3662	Radio and TV communication equipment	-	370.1	368.4	348.6	340.0	-	159.1	159.4	151.3	147.0
367	Electronic components and accessories	347.1	342.0	344.4	392.2	384.1	247.3	243.4	245.5	301.5	294.9
3671-3	Electron tubes	-	63.7	60.2	76.2	74.3	-	44.0	41.6	54.5	52.8
3674,9	Other electronic components	-	278.3	284.2	316.0	309.8	-	199.4	203.9	247.0	242.1
369	Misc. electrical equipment & supplies	116.9	112.0	114.9	111.3	109.1	90.2	84.8	88.4	85.1	83.1
3694	Engine electrical equipment	-	59.6	61.0	58.2	57.6	-	46.0	47.8	45.1	44.6
37	TRANSPORTATION EQUIPMENT	1,858.3	1,867.4	1,952.6	1,782.9	1,871.3	1,283.3	1,296.8	1,383.0	1,221.2	1,306.0
371	Motor vehicles and equipment	(*)	750.9	829.8	707.9	804.2	(*)	566.0	643.5	515.8	606.3
3711	Motor vehicles	-	326.4	354.6	270.8	348.3	-	235.3	261.6	176.5	250.5
3712	Passenger car bodies	-	60.8	61.8	28.5	57.3	-	49.6	50.8	17.8	44.1
3713	Truck and bus bodies	-	37.7	38.0	37.0	37.5	-	30.4	30.7	29.9	30.3
3714	Motor vehicle parts and accessories	-	302.3	352.6	346.0	336.0	-	232.7	283.0	272.5	262.6
372	Aircraft and parts	829.0	824.0	820.3	770.9	762.0	495.6	492.9	492.6	455.0	448.4
3721	Aircraft	-	469.6	465.0	433.7	426.7	-	272.9	270.3	248.8	243.0
3722	Aircraft engines and engine parts	-	217.4	218.2	208.6	208.3	-	125.4	127.5	118.6	119.0
3723,9	Other aircraft parts and equipment	-	137.0	137.1	128.6	127.0	-	94.6	94.8	87.6	86.4
373	Ship and boat building and repairing	164.0	161.6	172.5	175.8	177.8	133.4	131.6	141.7	146.6	148.5
3731	Ship building and repairing	-	131.0	139.9	143.5	143.8	-	107.0	115.0	119.8	120.1
3732	Boat building and repairing	-	30.6	32.6	32.3	34.0	-	24.6	26.7	26.8	28.4
374	Railroad equipment	-	58.3	57.4	62.2	61.0	-	45.5	44.6	49.0	47.8
375,9	Other transportation equipment	-	72.6	72.6	66.1	66.3	-	60.8	60.6	54.8	55.0

See footnotes at end of table. NOTE: Data for the 2 most recent months are preliminary.

**ESTABLISHMENT DATA
EMPLOYMENT**

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

SIC Code	Industry	(In thousands)									
		All employees					Production workers ¹				
		Aug. 1967	July 1967	June 1967	Aug. 1966	July 1966	Aug. 1967	July 1967	June 1967	Aug. 1966	July 1966
<i>Durable Goods--Continued</i>											
38	INSTRUMENTS AND RELATED PRODUCTS	459.9	454.3	456.0	440.7	436.2	286.7	282.0	286.1	281.7	277.0
381	Engineering & scientific instruments	-	86.9	88.1	80.8	80.0	-	45.0	45.6	42.2	41.3
382	Mechanical measuring & control devices	108.1	108.0	107.6	110.8	110.5	69.1	68.4	68.8	72.5	72.0
3821	Mechanical measuring devices	-	67.8	68.1	68.4	68.3	-	41.0	41.8	42.6	42.5
3822	Automatic temperature controls	-	40.2	39.5	42.4	42.2	-	27.4	27.0	29.9	29.5
383,5	Optical and ophthalmic goods	51.1	49.9	50.5	49.3	47.9	36.4	35.1	35.8	34.9	33.9
385	Ophthalmic goods	-	31.0	31.6	31.6	31.0	-	23.3	23.8	24.1	23.6
384	Medical instruments and supplies	67.1	65.9	66.0	62.0	62.2	45.6	44.6	45.1	43.9	43.0
386	Photographic equipment and supplies	104.7	104.1	102.9	100.1	98.9	57.0	56.8	57.3	57.3	57.0
387	Watches, clocks, and watchcases	-	39.5	40.9	37.7	36.7	-	32.1	33.5	30.9	29.8
MISCELLANEOUS MANUFACTURING INDUSTRIES											
39	Jewelry, silverware, and plated ware	432.4	421.0	433.5	450.5	426.0	339.9	330.1	342.8	361.6	338.6
391	Toys and sporting goods	50.3	47.6	51.4	49.4	46.1	38.1	35.9	39.4	38.5	35.5
394	Games, toys, dolls, & play vehicles	-	115.9	117.5	127.9	117.6	-	95.8	97.3	108.0	97.8
3941-3	Sporting and athletic goods, n e c	-	72.0	71.8	83.7	73.4	-	60.4	60.2	72.0	61.8
3949	Pens, pencils, office, and art supplies	-	43.9	45.7	44.2	44.2	-	35.4	37.1	36.0	36.0
395	Costume jewelry and notions	-	34.6	35.1	35.3	35.0	-	24.8	25.8	26.0	25.8
396	Other manufacturing industries	-	55.4	58.2	61.0	56.1	-	45.3	47.6	50.6	46.3
393,8,9	Musical instruments and parts	170.9	167.5	171.3	176.9	171.2	131.5	128.3	132.7	138.5	133.2
393	-	-	25.2	25.4	27.5	26.9	-	19.9	20.2	22.7	22.3
<i>Nondurable Goods</i>											
20	FOOD AND KINDRED PRODUCTS	1,905.4	1,827.6	1,792.9	1,919.5	1,824.5	1,291.0	1,214.2	1,183.8	1,310.0	1,215.3
201	Meat products	336.9	334.1	329.3	333.9	330.7	269.8	268.1	263.4	267.7	264.9
2011	Meat packing plants	-	192.1	190.6	192.4	192.4	-	149.2	147.9	148.6	149.1
2013	Sausages and other prepared meats	-	55.0	55.0	54.1	53.5	-	39.1	38.9	38.7	38.1
2015	Poultry dressing plants	-	87.0	83.7	87.4	84.8	-	79.8	76.6	80.4	77.7
202	Dairy products	279.0	281.3	280.2	287.3	289.2	130.1	132.5	132.0	133.8	135.6
2024	Ice cream and frozen desserts	-	33.0	32.4	33.6	33.9	-	17.9	17.9	18.3	18.7
2026	Fluid milk	-	196.8	196.2	202.8	203.5	-	74.3	73.5	76.1	76.5
203	Canned, cured, and frozen foods	-	292.1	264.9	383.3	303.5	-	245.4	219.8	338.0	260.2
2031,6	Canned, cured, and frozen sea foods	-	44.5	43.7	46.4	46.6	-	39.1	38.2	41.5	42.0
2032,3	Canned food, except sea foods	-	152.0	127.8	225.9	165.7	-	124.5	102.0	198.7	139.8
2037	Frozen fruits and vegetables	-	57.9	58.5	66.7	55.1	-	51.5	52.4	60.7	49.3
204	Grain mill products	132.7	132.6	132.1	131.3	132.2	94.8	94.1	93.6	93.5	93.5
2041	Flour and other grain mill products	-	30.3	29.6	30.7	30.8	-	22.0	21.3	22.2	22.2
2042	Prepared feeds for animals and fowls	-	60.7	60.7	60.5	60.9	-	40.6	40.6	40.7	41.1
205	Bakery products	295.7	296.0	295.0	288.6	278.3	173.0	173.6	172.6	169.4	159.0
2051	Bread, cake, and related products	-	250.7	250.3	243.3	241.6	-	136.2	135.7	131.5	129.5
2052	Cookies and crackers	-	45.3	44.7	45.3	36.7	-	37.4	36.9	37.9	29.5
206	Sugar	-	28.1	30.6	29.8	29.6	-	21.1	23.3	22.9	22.7
207	Confectionery and related products	80.0	73.9	75.1	80.5	74.3	65.1	59.4	60.4	66.3	59.9
2071	Confectionery products	-	59.5	60.8	65.6	59.5	-	48.9	50.1	55.6	49.4
208	Beverages	244.2	245.0	242.7	241.1	243.3	126.7	126.8	126.6	125.5	127.2
2082	Malt liquors	-	65.3	64.6	64.8	66.7	-	43.7	43.3	43.3	45.0
2086	Bottled and canned soft drinks	-	137.9	135.4	135.1	136.2	-	55.2	54.2	54.0	54.9
209	Misc. foods and kindred products	145.1	144.5	143.0	143.7	143.4	93.7	93.2	92.1	92.9	92.3
21	TOBACCO MANUFACTURES	95.2	77.1	76.2	88.5	73.7	81.9	65.0	64.1	75.8	61.5
211	Cigarettes	-	41.1	41.1	39.9	39.6	-	33.9	33.8	32.7	32.4
212	Cigars	-	21.1	21.7	21.6	20.7	-	19.5	20.2	20.1	19.2
22	TEXTILE MILL PRODUCTS	956.9	934.9	957.0	977.1	958.6	848.4	827.7	849.2	871.7	853.0
221	Weaving mills, cotton	236.1	235.1	237.8	238.5	238.2	216.3	215.4	218.2	219.3	219.2
222	Weaving mills, synthetics	95.3	93.8	95.0	98.3	97.5	85.6	84.6	85.5	88.8	87.7
223	Weaving and finishing mills, wool	45.0	44.8	45.9	46.4	46.7	39.0	38.7	39.8	40.4	40.4
224	Narrow fabric mills	31.0	30.0	31.9	31.6	30.5	27.6	26.5	28.4	28.2	27.0
225	Knitting mills	233.9	225.7	232.9	242.0	234.4	208.3	201.0	207.5	217.2	209.8
2251	Women's hosiery, except socks	-	51.8	53.8	54.7	53.5	-	47.5	49.2	50.1	48.9
2252	Hosiery, n e c	-	41.1	41.4	43.6	43.0	-	37.4	37.8	40.1	39.3
2253	Knit outerwear mills	-	67.9	71.3	76.3	74.6	-	59.0	62.0	67.0	65.5
2254	Knit underwear mills	-	34.1	34.7	35.5	32.6	-	30.4	30.9	32.0	29.4
226	Textile finishing, except wool	81.7	79.7	81.7	80.2	79.5	68.8	67.0	68.7	67.6	67.0
227	Floor covering mills	-	43.7	44.3	44.1	41.1	-	34.9	35.7	35.9	33.2
228	Yarn and thread mills	112.1	111.2	113.9	118.3	115.3	103.4	102.5	105.3	110.4	106.9
229	Miscellaneous textile goods	74.2	70.9	73.6	77.2	75.4	61.0	57.1	60.1	63.9	61.8

See footnotes at end of table. NOTE: Data for the 2 most recent months are preliminary.

**ESTABLISHMENT DATA
EMPLOYMENT**

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

(In thousands)

SIC Code	Industry	All employees					Production workers ¹				
		Aug. 1967	July 1967	June 1967	Aug. 1966	July 1966	Aug. 1967	July 1967	June 1967	Aug. 1966	July 1966
<i>Nondurable Goods--Continued</i>											
23	APPAREL AND OTHER TEXTILE PRODUCTS..	1,403.2	1,340.0	1,395.4	1,424.5	1,355.6	1,243.0	1,184.2	1,235.0	1,266.9	1,201.3
231	Men's and boys' suits and coats	124.9	115.6	123.9	123.1	117.6	110.9	102.3	109.6	109.8	104.7
232	Men's and boys' furnishings	372.4	358.0	369.8	377.6	364.9	335.0	321.8	333.1	341.1	328.9
2321	Men's and boys' shirts and nightwear ...	-	121.8	126.8	133.7	131.6	-	109.3	114.2	121.0	119.2
2327	Men's and boys' separate trousers	-	77.3	76.8	80.6	78.4	-	72.1	73.7	75.7	73.5
2328	Men's and boys' work clothing	-	78.9	82.4	82.4	79.8	-	69.7	73.2	73.2	70.7
233	Women's and misses' outerwear	430.9	409.3	424.6	431.4	410.1	383.3	363.4	376.8	386.3	366.5
2331	Women's and misses' blouses and waists ..	-	51.7	53.9	54.7	52.1	-	46.6	48.9	50.0	47.4
2335	Women's and misses' dresses	-	189.6	198.2	202.1	186.3	-	169.2	176.8	181.0	166.4
2337	Women's and misses' suits and coats ...	-	92.6	93.4	98.3	96.0	-	82.8	83.1	88.9	87.0
2339	Women's and misses' outerwear, n e c ..	-	75.4	79.1	76.3	75.7	-	64.8	68.0	66.4	65.7
234	Women's and children's undergarments ...	123.2	118.1	122.4	127.4	119.4	108.2	103.6	107.6	113.2	105.1
2341	Women's and children's underwear	-	78.2	80.3	83.8	78.3	-	70.0	72.1	76.1	70.5
2342	Corsets and allied garments	-	39.9	42.1	43.6	41.1	-	33.6	35.5	37.1	34.6
235	Hats, caps, and millinery	-	24.6	23.8	29.2	27.1	-	21.8	21.0	26.0	24.1
236	Children's outerwear	77.8	78.4	81.7	81.9	81.2	69.6	70.0	73.0	73.4	72.6
2361	Children's dresses and blouses	-	34.9	35.7	35.3	35.8	-	31.5	32.3	32.0	32.4
237,8	Fur goods and miscellaneous apparel	-	75.5	79.0	83.3	77.7	-	65.7	69.1	72.5	67.3
239	Misc. fabricated textile products	167.6	160.5	170.2	170.6	157.6	142.3	135.6	144.8	144.6	132.1
2391,2	Housefurnishings	-	56.1	57.6	61.1	58.7	-	48.0	49.3	52.3	49.7
26	PAPER AND ALLIED PRODUCTS	698.7	690.0	693.6	680.4	674.9	543.2	535.2	539.5	529.3	524.8
2611,2,6	Paper and pulp mills	224.1	223.7	223.9	219.8	221.3	176.2	176.0	176.7	173.6	175.1
263	Paperboard mills	74.9	73.9	75.1	72.9	72.1	59.4	57.6	58.7	57.3	56.9
264	Misc. converted paper products	183.9	179.9	180.3	176.5	172.5	135.9	132.2	133.0	129.2	126.3
2643	Bags, except textile bags	-	40.6	40.2	39.9	39.3	-	32.3	32.1	32.2	31.7
265	Paperboard containers and boxes	215.8	212.5	214.3	211.2	209.0	171.7	169.4	171.1	169.2	166.5
2651,2	Folding and setup paperboard boxes	-	64.5	66.3	66.9	64.7	-	53.3	55.0	55.8	53.5
2653	Corrugated and solid fiber boxes	-	99.0	98.9	98.0	98.4	-	76.1	76.0	76.1	75.9
27	PRINTING AND PUBLISHING	1,070.0	1,066.4	1,067.3	1,030.7	1,026.0	673.9	671.0	673.1	654.3	650.2
271	Newspapers	364.6	364.0	365.7	352.5	353.3	181.0	180.6	182.6	177.0	177.4
272	Periodicals	-	75.3	74.9	72.7	72.1	-	25.4	25.4	25.2	24.8
273	Books	-	97.1	97.1	91.8	90.9	-	58.6	58.6	57.1	56.5
275	Commercial printing	336.4	334.4	335.3	324.0	322.3	263.1	261.1	262.1	253.9	252.2
2751	Commercial printing, ex. lithographic ...	-	210.4	211.6	204.0	202.9	-	166.8	167.7	161.7	160.7
2752	Commercial printing, lithographic	-	113.1	112.8	108.6	108.0	-	85.8	85.8	83.2	82.4
278	Blankbooks and bookbinding	60.1	58.6	57.6	57.9	56.4	50.0	48.5	47.7	48.1	46.8
274,6,7,9	Other publishing & printing ind.	137.2	137.0	136.7	131.8	131.0	96.8	96.8	96.7	93.0	92.5
28	CHEMICALS AND ALLIED PRODUCTS	1,004.0	998.3	993.6	980.8	973.7	591.5	587.6	586.9	585.1	579.8
281	Industrial chemicals	311.3	312.0	311.9	308.8	307.0	171.3	172.6	174.0	173.7	172.6
2812	Alkalies and chlorine	-	25.9	25.7	25.9	25.9	-	17.6	17.6	18.0	18.0
2818	Industrial organic chemicals, n e c	-	126.2	124.8	122.6	121.8	-	56.8	57.1	55.6	55.2
2819	Industrial inorganic chemicals, n e c	-	96.8	97.4	96.0	95.2	-	57.7	57.8	57.8	57.1
282	Plastics materials and synthetics	203.6	203.7	202.3	211.8	210.8	132.1	132.1	130.9	139.9	139.2
2821	Plastics materials and resins	-	91.5	91.5	91.8	91.0	-	55.9	55.8	57.5	56.6
2823,4	Synthetic fibers	-	98.7	97.4	105.6	105.5	-	67.5	66.4	73.0	73.2
283	Drugs	138.4	137.5	135.6	130.8	130.1	71.3	71.1	70.8	69.0	68.6
2834	Pharmaceutical preparations	-	101.6	100.0	97.6	96.9	-	50.3	50.0	49.5	49.0
284	Soap, cleaners, and toilet goods	117.4	114.5	113.0	113.3	111.0	72.0	69.0	68.3	69.8	67.6
2841	Soap and other detergents	-	39.5	38.6	40.2	38.8	-	26.8	26.1	27.7	26.6
2844	Toilet preparations	-	42.8	42.3	41.8	41.2	-	25.6	25.6	25.3	24.4
285	Paints and allied products	71.4	70.7	70.2	69.9	69.6	39.6	39.3	38.8	39.5	39.3
287	Agricultural chemicals	53.0	51.8	55.2	50.8	50.5	33.3	32.0	35.3	31.7	31.6
2871,2	Fertilizers, complete & mixing only	-	36.2	39.9	36.5	36.1	-	24.2	27.5	24.4	24.1
286,9	Other chemical products	108.9	108.1	105.4	95.4	94.7	71.9	71.5	68.8	61.5	60.5
29	PETROLEUM AND COAL PRODUCTS	196.1	194.5	192.3	191.7	193.5	123.2	121.9	120.8	120.3	120.2
291	Petroleum refining	156.9	155.9	154.0	152.4	154.1	94.6	93.9	93.2	91.9	91.7
295,9	Other petroleum and coal products	39.2	38.6	38.3	39.3	39.4	28.6	28.0	27.6	28.4	28.5
30	RUBBER AND PLASTICS PRODUCTS, N E C	525.9	470.4	478.7	516.6	505.8	406.3	352.4	360.5	402.3	391.5
301	Tires and inner tubes	111.6	79.6	79.3	108.9	108.6	78.9	47.7	47.5	77.1	76.9
302,3,6	Other rubber products	174.2	161.2	164.5	178.7	175.7	135.9	122.9	125.6	141.1	138.1
307	Miscellaneous plastics products	240.1	229.6	234.9	229.0	221.5	191.5	181.8	187.4	184.1	176.5
31	LEATHER AND LEATHER PRODUCTS	356.3	342.3	351.7	371.3	356.6	308.4	295.1	304.0	325.7	311.5
311	Leather tanning and finishing	30.9	29.7	30.7	32.0	31.3	26.8	25.6	26.7	27.9	27.3
314	Footwear, except rubber	231.5	223.5	228.1	245.6	238.1	203.6	195.6	200.1	218.1	210.8
312,3,5-7,9	Other leather products	93.9	89.1	92.9	93.7	87.2	78.0	73.9	77.2	79.7	73.4
317	Handbags and personal leather goods	-	35.8	37.9	39.8	35.9	-	30.4	32.5	35.0	31.2

See footnotes at end of table. NOTE: Data for the 2 most recent months are preliminary.

**ESTABLISHMENT DATA
EMPLOYMENT**

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

SIC Code	Industry	(In thousands)									
		All employees					Production workers ¹				
		Aug. 1967	July 1967	June 1967	Aug. 1966	July 1966	Aug. 1967	July 1967	June 1967	Aug. 1966	July 1966
	TRANSPORTATION AND PUBLIC UTILITIES	4,346	4,339	4,304	4,171	4,185					
40	RAILROAD TRANSPORTATION		706.6	706.9	730.2	732.5	-	-	-	-	-
4011	Class I railroads ²		616.5	616.6	636.5	638.6	-	-	-	-	-
41	LOCAL AND INTERURBAN PASSENGER TRANSIT		256.1	269.1	249.5	249.9	-	-	-	-	-
411	Local and suburban transportation		81.6	82.2	80.9	81.2	-	77.3	78.0	76.4	76.6
412	Taxicabs		107.3	108.5	105.3	105.8	-	-	-	-	-
413	Intercity highway transportation		44.9	44.2	44.1	43.4	-	41.3	40.6	40.7	40.1
42	TRUCKING AND WAREHOUSING		1,063.0	1,041.5	1,029.2	1,029.2	-	966.0	946.0	940.6	940.9
422	Public warehousing		88.3	84.3	84.4	82.4	-	77.4	73.8	74.2	72.3
45	TRANSPORTATION BY AIR		297.1	293.3	200.2	214.2	-	-	-	-	-
451,2	Air transportation		268.1	264.4	175.2	188.9	-	-	-	-	-
46	PIPE LINE TRANSPORTATION		19.3	19.1	19.4	19.4	-	16.2	16.0	16.3	16.3
44,47	OTHER TRANSPORTATION AND SERVICES		355.0	356.4	344.9	346.9	-	-	-	-	-
48	COMMUNICATION		984.8	973.3	952.4	948.1	-	779.3	769.2	756.3	752.1
481	Telephone communication		822.6	812.5	796.5	792.3	-	656.5	647.7	638.3	634.2
482	Telegraph communication ³		34.1	34.1	33.5	33.6	-	23.2	23.2	23.1	23.1
483	Radio and television broadcasting		118.5	117.2	113.9	113.8	-	96.3	95.1	92.1	92.0
49	ELECTRIC, GAS, AND SANITARY SERVICES		656.6	644.2	645.6	644.9	-	568.7	556.9	561.1	560.8
491	Electric companies and systems		269.4	263.8	263.7	263.0	-	230.2	224.9	225.4	224.5
492	Gas companies and systems		157.5	155.4	156.3	156.4	-	135.8	133.9	135.3	135.6
493	Combination companies and systems		183.6	179.7	182.3	182.3	-	162.0	158.1	162.4	162.6
494-7	Water, steam, & sanitary systems		46.1	45.3	43.3	43.2	-	40.7	40.0	38.0	38.1
-	WHOLESALE AND RETAIL TRADE	13,635	13,627	13,675	13,219	13,214	12,140	12,133	12,184	11,787	11,793
50	WHOLESALE TRADE	3,597	3,583	3,562	3,498	3,485	3,038	3,024	3,004	2,964	2,955
501	Motor vehicles & automotive equipment		274.3	271.9	264.2	264.2	-	229.1	227.3	221.5	221.0
502	Drugs, chemicals, and allied products		215.4	213.5	210.6	208.8	-	178.4	176.7	174.1	172.6
503	Dry goods and apparel		152.0	149.9	144.6	143.1	-	123.6	121.5	117.6	116.3
504	Groceries and related products		518.0	520.5	513.0	524.9	-	452.3	454.7	450.7	461.8
506	Electrical goods		290.3	288.4	280.1	278.5	-	237.9	235.6	229.9	229.1
507	Hardware; plumbing & heating equipment		157.8	157.5	157.1	156.3	-	134.1	133.9	133.8	133.0
508	Machinery, equipment, and supplies		671.9	666.8	639.1	636.9	-	570.7	566.6	544.3	542.5
509	Miscellaneous wholesalers		1,213.4	1,208.1	1,185.5	1,179.4	-	1,023.1	1,017.7	1,004.2	1,001.5
52-59	RETAIL TRADE	10,038	10,044	10,113	9,721	9,729	9,102	9,109	9,180	8,823	8,838
53	RETAIL GENERAL MERCHANDISE		1,943.1	1,958.2	1,885.6	1,879.0	-	1,786.0	1,800.9	1,728.6	1,725.7
531	Department stores		1,236.0	1,246.8	1,189.3	1,189.0	-	1,134.8	1,145.6	1,088.1	1,091.0
532	Mail order houses		113.1	112.5	117.2	115.5	-	105.2	104.8	109.7	108.0
533	Variety stores		315.2	320.5	303.4	300.0	-	295.5	300.6	283.1	279.8
54	FOOD STORES		1,568.3	1,576.0	1,527.8	1,534.4	-	1,451.4	1,459.2	1,418.5	1,425.3
541-3	Grocery, meat, and vegetable stores		1,389.5	1,392.9	1,358.0	1,364.8	-	1,284.6	1,288.2	1,260.1	1,267.2
56	APPAREL AND ACCESSORY STORES		656.7	682.3	639.6	639.2	-	588.1	613.0	573.2	573.9
561	Men's & boys' clothing & furnishings		111.5	114.9	106.5	106.7	-	99.9	103.2	96.3	96.6
562	Women's ready-to-wear stores		239.1	246.2	240.6	237.3	-	215.2	222.2	217.5	214.8
565	Family clothing stores		110.5	114.5	103.7	106.3	-	102.3	106.3	95.9	98.8
566	Shoe stores		130.5	135.6	123.7	124.5	-	113.8	118.6	106.5	107.3
57	FURNITURE AND HOME FURNISHINGS STORES		431.0	431.1	421.3	420.7	-	376.7	377.2	370.5	370.2
571	Furniture and home furnishings		275.6	275.2	271.3	272.9	-	241.6	241.5	238.1	240.0
58	EATING AND DRINKING PLACES		2,206.0	2,226.8	2,121.1	2,121.1	-	2,062.9	2,083.2	1,985.5	1,983.1
52,55,59	OTHER RETAIL TRADE		3,238.8	3,238.4	3,125.3	3,134.6	-	2,843.9	2,846.9	2,749.2	2,759.4
52	Building materials and farm equipment		555.0	549.5	554.9	560.0	-	478.1	472.4	479.4	485.0
55	Automotive dealers & service stations		1,548.6	1,533.3	1,485.3	1,489.8	-	-	-	-	-
551,2	Motor vehicle dealers		750.2	747.0	737.2	741.0	-	636.5	633.9	630.8	633.7
553,9	Other automotive & accessory dealers		211.8	208.5	199.9	198.3	-	183.1	179.8	173.5	172.3
554	Gasoline service stations		586.6	577.8	548.2	550.5	-	-	-	-	-
59	Miscellaneous retail stores		1,135.2	1,155.6	1,085.1	1,084.8	-	-	-	-	-
591	Drug stores and proprietary stores		431.8	440.3	415.1	414.1	-	391.9	401.3	377.9	376.6
596	Farm and garden supply stores		95.7	99.4	92.7	93.0	-	-	-	-	-
598	Fuel and ice dealers		102.9	104.8	102.0	102.0	-	88.4	90.5	88.0	87.9

See footnotes at end of table. NOTE: Data for the 2 most recent months are preliminary.

**ESTABLISHMENT DATA
EMPLOYMENT**

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

SIC Code	Industry	(In thousands)									
		All employees					Production workers ¹				
		Aug. 1967	July 1967	June 1967	Aug. 1966	July 1966	Aug. 1967	July 1967	June 1967	Aug. 1966	July 1966
	FINANCE, INSURANCE, AND REAL ESTATE⁴	3,304	3,289	3,253	3,164	3,165	2,637	2,623	2,589	2,534	2,539
60	Banking	-	877.8	865.6	842.3	838.5	-	732.4	720.1	704.8	701.0
61	Credit agencies other than banks	-	349.5	345.9	338.8	338.4	-	277.8	274.1	270.5	270.7
612	Savings and loan associations	-	101.3	98.9	96.4	97.5	-	81.2	79.1	77.9	78.9
614	Personal credit institutions	-	187.8	187.5	183.1	181.4	-	-	-	-	-
62	Security, commodity brokers & services	-	157.8	153.1	145.0	145.7	-	138.8	134.0	127.4	128.6
63	Insurance carriers	-	961.8	952.6	924.0	920.3	-	676.0	668.1	652.1	650.2
631	Life insurance	-	503.2	500.9	492.4	491.0	-	290.3	288.0	286.9	286.7
632	Accident and health insurance	-	75.6	74.0	63.0	61.8	-	66.1	64.7	54.8	53.6
633	Fire, marine, and casualty insurance	-	343.1	338.7	327.6	325.7	-	286.7	283.3	276.2	274.9
64	Insurance agents, brokers, and service	-	254.7	252.0	243.4	242.6	-	-	-	-	-
65	Real estate	-	604.8	601.4	588.5	598.2	-	-	-	-	-
656	Operative builders	-	41.9	41.1	42.0	42.9	-	-	-	-	-
66,67	Other finance, insurance, & real estate	-	82.1	82.1	81.8	81.6	-	-	-	-	-
-	SERVICES	10,263	10,260	10,196	9,736	9,750					
70	Hotels and other lodging places	-	818.7	733.5	808.3	808.9	-	-	-	-	-
701	Hotels, tourist courts, and motels	-	684.7	656.2	672.6	674.9	-	638.8	613.3	631.0	633.4
72	Personal services	-	1,031.1	1,030.5	1,023.1	1,026.6	-	-	-	-	-
721	Laundries and dry cleaning plants	-	564.2	564.0	568.4	573.0	-	512.5	511.7	514.9	518.8
73	Miscellaneous business services	-	1,341.4	1,331.6	1,246.0	1,239.4	-	-	-	-	-
731	Advertising	-	113.5	113.1	114.9	113.5	-	-	-	-	-
732	Credit reporting and collection	-	71.3	70.9	68.7	69.1	-	-	-	-	-
78	Motion pictures	-	202.5	196.8	204.5	207.0	-	-	-	-	-
781	Motion picture filming & distributing	-	55.3	53.5	56.8	59.6	-	34.2	33.8	36.6	37.2
782,3	Motion picture theaters and services	-	147.2	143.3	147.7	147.4	-	-	-	-	-
80	Medical and other health services	-	2,476.5	2,453.5	2,238.1	2,231.2	-	-	-	-	-
806	Hospitals	-	1,570.0	1,549.7	1,436.2	1,433.1	-	-	-	-	-
81	Legal services	-	208.6	203.8	196.7	197.9	-	-	-	-	-
82	Educational services	-	927.1	1,000.4	839.3	851.5	-	-	-	-	-
821	Elementary and secondary schools	-	290.1	335.3	276.0	279.5	-	-	-	-	-
822	Colleges and universities	-	560.9	588.7	494.3	503.1	-	-	-	-	-
89	Miscellaneous services	-	523.0	515.8	501.2	500.0	-	-	-	-	-
891	Engineering & architectural services	-	284.2	282.7	273.0	273.5	-	-	-	-	-
892	Nonprofit research agencies	-	75.4	74.6	75.2	75.2	-	-	-	-	-
-	GOVERNMENT	11,245	11,280	11,664	10,520	10,573					
91	FEDERAL GOVERNMENT⁵	2,804	2,798	2,766	2,631	2,631					
	Executive	-	2,763.4	2,731.8	2,598.1	2,597.7	-	-	-	-	-
	Department of Defense	-	1,144.1	1,135.3	1,055.4	1,050.7	-	-	-	-	-
	Post Office Department	-	713.7	714.4	689.4	683.1	-	-	-	-	-
	Other agencies	-	905.6	882.1	853.3	863.9	-	-	-	-	-
	Legislative	-	28.5	28.1	27.1	27.0	-	-	-	-	-
	Judicial	-	6.3	6.3	6.0	5.9	-	-	-	-	-
92,93	STATE AND LOCAL GOVERNMENT	8,441	8,482	8,898	7,889	7,942					
92	State government	-	2,284.1	2,347.5	2,091.4	2,112.4	-	-	-	-	-
	State education	-	777.5	877.2	656.2	679.6	-	-	-	-	-
	Other State government	-	1,506.6	1,470.3	1,435.2	1,432.8	-	-	-	-	-
93	Local government	-	6,197.9	6,550.2	5,797.6	5,829.3	-	-	-	-	-
	Local education	-	3,198.5	3,627.0	2,940.2	2,973.7	-	-	-	-	-
	Other local government	-	2,999.4	2,923.2	2,857.4	2,855.6	-	-	-	-	-

¹Data relate to production workers in mining and manufacturing; to construction workers in contract constructions; 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.

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

³Data for nonsupervisory workers exclude messengers.

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

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

*Not available.

NOTE: Data for the 2 most recent months are preliminary.

ESTABLISHMENT DATA
SEASONALLY ADJUSTED EMPLOYMENT

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

1957-59=100

Year and month	TOTAL	Mining	Contract construction	Manufacturing	Transportation and public utilities	Wholesale and retail trade			Finance, insurance, and real estate	Service and miscellaneous	Government		
						Total	Wholesale trade	Retail trade			Total	Federal	State and local
1919.....	51.6	147.1	35.4	64.2	91.0	41.3	-	-	43.9	32.8	34.1	-	-
1920.....	52.1	160.9	29.4	64.2	98.1	40.9	-	-	46.4	34.3	33.2	-	-
1921.....	46.4	124.9	35.1	49.7	84.9	42.0	-	-	46.0	35.0	32.2	-	-
1922.....	49.2	120.6	41.0	54.9	86.0	44.9	-	-	45.2	36.3	32.3	-	-
1923.....	54.1	157.4	42.6	62.1	95.2	48.4	-	-	47.0	38.9	33.2	-	-
1924.....	53.4	143.0	45.8	58.3	93.4	49.5	-	-	48.7	40.3	34.7	-	-
1925.....	54.8	141.4	50.1	59.9	93.9	51.1	-	-	48.7	41.6	35.7	-	-
1926.....	56.8	153.9	53.9	61.2	96.7	53.0	-	-	51.6	44.2	36.3	-	-
1927.....	57.1	144.7	55.7	60.3	95.6	54.1	-	-	54.0	45.9	37.2	-	-
1928.....	57.1	136.4	55.6	59.9	93.9	53.8	-	-	56.7	47.4	38.2	-	-
1929.....	59.7	141.2	51.9	64.5	96.1	56.1	-	-	59.6	49.9	39.1	24.1	45.0
1930.....	56.0	131.0	47.5	57.6	90.4	53.1	-	-	58.3	49.0	40.1	23.8	46.6
1931.....	50.7	113.4	42.1	49.2	79.8	48.4	-	-	55.6	46.2	41.6	25.3	48.0
1932.....	45.0	94.9	33.6	41.8	69.1	42.9	-	-	53.0	42.5	41.1	25.2	47.3
1933.....	45.1	96.6	28.0	44.6	65.6	43.5	-	-	51.2	41.7	40.4	25.5	46.2
1934.....	49.4	114.7	29.9	51.2	67.5	48.4	-	-	52.1	44.4	42.0	29.4	47.0
1935.....	51.5	116.5	31.6	54.6	68.4	49.7	-	-	52.8	45.6	44.4	34.0	48.4
1936.....	55.4	122.9	39.7	59.2	72.9	53.2	-	-	54.9	48.2	46.7	37.3	50.5
1937.....	59.1	131.8	38.5	65.0	76.9	57.4	-	-	56.6	51.0	47.9	37.6	51.9
1938.....	55.6	115.7	36.5	56.9	70.2	56.6	-	-	56.3	50.4	49.5	37.4	54.2
1939.....	58.3	110.9	39.8	61.9	72.0	58.8	58.1	59.1	57.8	51.0	50.9	40.9	54.9
1940.....	61.6	120.1	44.8	66.2	74.5	61.8	60.6	62.3	59.4	53.4	53.6	45.0	56.9
1941.....	69.6	124.3	62.0	79.5	80.3	66.0	64.7	66.5	61.2	56.9	59.4	60.5	58.9
1942.....	76.4	128.8	75.2	92.1	84.9	65.2	62.9	66.0	60.8	59.2	69.9	100.0	58.1
1943.....	80.8	120.1	54.3	106.0	89.5	63.9	60.1	65.3	59.4	60.2	77.5	131.2	56.4
1944.....	79.7	115.8	37.9	104.4	93.9	64.6	60.8	66.0	58.3	60.4	77.0	132.2	55.3
1945.....	76.9	108.6	39.2	93.5	95.8	67.0	64.3	67.9	59.2	61.5	75.8	126.8	55.7
1946.....	79.3	111.9	57.5	88.6	99.6	76.7	75.6	77.1	67.1	68.4	71.3	101.8	59.3
1947.....	83.5	124.0	68.7	93.7	102.2	82.0	81.5	82.2	69.3	73.2	69.8	85.5	63.6
1948.....	85.5	129.1	75.1	93.9	102.8	84.9	85.9	84.5	72.3	75.5	72.0	84.1	67.2
1949.....	83.4	120.8	75.0	87.0	98.2	84.8	85.9	84.5	73.4	76.3	74.6	86.2	70.1
1950.....	86.1	117.0	80.8	91.8	99.0	85.9	86.9	85.6	75.8	78.1	76.8	87.1	72.8
1951.....	91.1	120.6	90.2	98.8	103.7	89.2	90.0	88.9	78.7	80.9	81.4	104.0	74.4
1952.....	93.0	116.6	91.2	100.2	104.2	91.6	92.8	91.2	81.8	83.1	84.2	109.3	74.4
1953.....	95.6	112.5	90.9	105.7	105.3	93.8	94.2	93.7	84.8	85.1	84.7	104.1	77.1
1954.....	93.3	102.7	90.5	98.3	100.2	93.7	94.6	93.4	88.3	87.0	86.0	96.8	81.0
1955.....	96.5	102.9	97.1	101.7	101.6	96.5	96.5	96.4	92.3	91.0	88.1	96.8	83.9
1956.....	99.8	106.8	103.9	103.9	104.1	99.4	99.6	99.4	96.0	94.8	92.7	99.8	90.0
1957.....	100.7	107.5	101.2	103.5	104.0	99.7	99.9	99.6	97.9	97.9	97.1	100.1	95.9
1958.....	97.8	97.5	96.2	96.1	97.5	98.4	98.3	98.5	99.6	98.7	99.9	99.0	100.3
1959.....	101.5	95.1	102.5	100.5	98.4	101.9	101.7	102.0	102.5	103.4	103.0	100.9	103.9
1960.....	103.3	92.5	99.9	101.2	98.2	104.3	103.7	104.5	105.5	107.7	106.5	102.5	108.0
1961.....	102.9	87.3	97.5	98.4	95.8	103.8	103.3	104.0	107.9	111.2	109.5	102.9	112.1
1962.....	105.9	84.4	100.5	101.5	95.8	105.9	105.5	106.1	110.7	116.4	113.3	105.7	116.3
1963.....	108.0	82.5	102.6	102.4	95.8	107.8	107.2	108.1	113.7	120.7	117.6	106.5	121.9
1964.....	111.1	82.3	105.6	104.1	96.9	111.3	110.1	111.8	116.9	126.3	122.3	106.1	128.7
1965.....	115.8	82.1	110.4	108.8	99.0	116.4	114.4	117.2	119.5	131.8	128.6	107.4	137.0
1966.....	121.8	81.2	114.0	115.6	101.8	121.0	118.7	121.8	122.6	138.4	138.6	115.8	147.5
1966: August....	122.5	81.8	113.4	116.7	101.2	121.4	119.5	122.1	123.1	139.4	139.7	117.2	148.5
1966: September..	122.6	81.2	112.9	116.5	102.6	121.6	119.3	122.4	123.2	139.5	139.8	117.3	148.7
1966: October....	123.2	80.9	112.2	117.0	102.8	122.3	119.8	123.2	123.3	140.3	141.1	118.2	150.1
1966: November..	123.8	80.6	112.3	117.5	103.3	122.8	120.3	123.6	123.8	141.3	142.2	118.2	151.7
1966: December..	124.2	80.9	114.0	117.6	103.5	122.8	120.7	123.6	124.3	141.9	143.4	119.8	152.7
1967: January....	124.8	81.2	114.7	117.8	104.1	123.8	121.3	124.6	124.6	142.7	144.3	120.5	153.7
1967: February..	125.1	81.0	116.1	117.5	104.2	124.0	121.6	124.9	125.1	143.3	145.0	120.7	154.5
1967: March.....	125.2	81.0	114.8	117.2	104.2	124.1	122.1	124.9	125.7	144.2	145.8	121.3	155.4
1967: April.....	125.0	80.5	113.5	116.5	103.3	124.3	122.4	124.9	126.2	144.6	146.3	121.4	156.0
1967: May.....	125.0	80.1	110.6	115.9	104.7	124.6	122.5	125.4	126.7	144.8	146.9	121.9	156.7
1967: June.....	125.5	80.4	110.4	116.2	104.7	125.0	122.8	125.8	127.5	145.5	148.3	124.1	157.8
1967: July.....	125.6	80.9	111.9	115.5	105.4	124.9	122.6	125.8	127.8	146.0	148.8	124.6	158.4
1967: August....	126.1	78.6	111.3	116.6	105.5	125.2	122.9	126.1	128.5	146.9	149.3	124.9	158.9

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

Data for the 2 most recent months are preliminary.

ESTABLISHMENT DATA SEASONALLY ADJUSTED EMPLOYMENT

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

(In thousands)

Industry division and group	Aug. 1967	July 1967	June 1967	May 1967	Apr. 1967	Mar. 1967	Feb. 1967	Jan. 1967	Dec. 1966	Nov. 1966	Oct. 1966	Sept. 1966	Aug. 1966
TOTAL	66,250	65,947	65,903	65,639	65,653	65,749	65,692	65,564	65,251	65,014	64,694	64,394	64,345
MINING	605	623	619	617	620	624	624	625	623	621	623	625	630
CONTRACT CONSTRUCTION	3,212	3,230	3,187	3,192	3,276	3,313	3,352	3,311	3,291	3,241	3,239	3,260	3,273
MANUFACTURING	19,358	19,172	19,285	19,238	19,331	19,445	19,507	19,558	19,526	19,498	19,422	19,337	19,371
DURABLE GOODS	11,352	11,224	11,285	11,283	11,322	11,434	11,482	11,507	11,496	11,485	11,457	11,401	11,395
Ordnance and accessories	296	291	290	286	288	286	283	277	272	270	267	263	261
Lumber and wood products	588	588	590	584	592	602	603	607	596	598	599	602	611
Furniture and fixtures	453	448	452	453	455	459	465	466	469	469	466	465	467
Stone, clay, and glass products	625	626	626	624	628	638	640	642	640	640	640	639	643
Primary metal industries	1,270	1,283	1,295	1,299	1,305	1,332	1,348	1,362	1,364	1,369	1,370	1,361	1,364
Fabricated metal products	1,353	1,349	1,357	1,348	1,354	1,364	1,372	1,374	1,374	1,372	1,364	1,358	1,358
Machinery, except electrical	1,979	1,969	1,972	1,972	1,979	1,984	1,984	1,988	1,978	1,968	1,959	1,947	1,942
Electrical equipment	1,907	1,889	1,872	1,904	1,916	1,947	1,959	1,958	1,955	1,956	1,956	1,942	1,950
Transportation equipment	2,004	1,897	1,947	1,927	1,916	1,932	1,938	1,938	1,959	1,959	1,955	1,949	1,923
Instruments and related products	458	454	454	454	456	456	454	453	451	446	445	439	439
Miscellaneous manufacturing	419	430	430	432	433	434	436	442	438	438	436	436	437
NONDURABLE GOODS	8,006	7,948	8,000	7,955	8,009	8,011	8,025	8,051	8,030	8,013	7,965	7,936	7,976
Food and kindred products	1,774	1,787	1,806	1,797	1,800	1,803	1,798	1,795	1,795	1,793	1,769	1,763	1,787
Tobacco manufactures	89	89	87	86	86	84	85	89	86	84	79	80	83
Textile mill products	948	941	948	941	945	952	954	963	962	962	963	964	968
Apparel and other textile products	1,378	1,377	1,396	1,395	1,390	1,384	1,401	1,414	1,411	1,408	1,404	1,396	1,399
Paper and allied products	691	690	688	679	680	684	681	680	679	678	673	667	673
Printing and publishing	1,069	1,066	1,066	1,064	1,063	1,065	1,056	1,053	1,044	1,041	1,037	1,032	1,030
Chemicals and allied products	992	988	990	982	984	981	984	983	978	978	973	969	969
Petroleum and coal products	191	191	189	187	187	186	187	187	187	187	186	186	187
Rubber and plastics products, nec	525	477	479	472	520	521	523	527	527	523	519	517	516
Leather and leather products	349	342	351	352	354	351	356	360	361	361	362	362	364
TRANSPORTATION AND PUBLIC UTILITIES	4,299	4,296	4,266	4,267	4,212	4,246	4,247	4,242	4,218	4,212	4,190	4,184	4,126
WHOLESALE AND RETAIL TRADE	13,677	13,645	13,648	13,609	13,572	13,557	13,541	13,515	13,416	13,406	13,354	13,279	13,259
WHOLESALE TRADE	3,558	3,551	3,555	3,549	3,545	3,535	3,521	3,512	3,496	3,484	3,469	3,455	3,460
RETAIL TRADE	10,119	10,094	10,093	10,060	10,027	10,022	10,020	10,003	9,920	9,922	9,885	9,824	9,799
FINANCE, INSURANCE, AND REAL ESTATE	3,252	3,234	3,227	3,205	3,194	3,179	3,165	3,152	3,144	3,132	3,120	3,118	3,114
SERVICES	10,131	10,069	10,035	9,987	9,973	9,946	9,883	9,840	9,781	9,744	9,675	9,619	9,611
GOVERNMENT	11,716	11,678	11,636	11,524	11,475	11,439	11,373	11,321	11,252	11,160	11,071	10,972	10,961
FEDERAL	2,765	2,759	2,747	2,698	2,688	2,685	2,673	2,667	2,653	2,616	2,617	2,597	2,595
STATE AND LOCAL	8,951	8,919	8,889	8,826	8,787	8,754	8,700	8,654	8,599	8,544	8,454	8,375	8,366

NOTE: Data for the 2 most recent months are preliminary.

ESTABLISHMENT DATA
SEASONALLY ADJUSTED EMPLOYMENT

B-6: Production workers on manufacturing payrolls, by industry, seasonally adjusted
(In thousands)

Major industry group	Aug. 1967	July 1967	June 1967	May 1967	Apr. 1967	Mar. 1967	Feb. 1967	Jan. 1967	Dec. 1966	Nov. 1966	Oct. 1966	Sept. 1966	Aug. 1966
MANUFACTURING	14,215	14,055	14,170	14,147	14,233	14,358	14,436	14,506	14,495	14,490	14,434	14,363	14,409
DURABLE GOODS	8,283	8,170	8,240	8,254	8,286	8,407	8,459	8,502	8,501	8,505	8,488	8,448	8,447
Ordnance and accessories	154	150	149	147	147	146	143	140	136	133	130	128	126
Lumber and wood products	511	510	512	507	514	525	524	530	519	521	522	524	534
Furniture and fixtures	372	368	371	375	374	379	384	385	389	389	386	385	386
Stone, clay, and glass products	494	498	498	495	499	509	509	512	513	512	512	511	516
Primary metal industries	1,012	1,026	1,037	1,042	1,049	1,073	1,091	1,106	1,109	1,116	1,117	1,108	1,112
Fabricated metal products	1,044	1,040	1,048	1,041	1,046	1,059	1,065	1,068	1,069	1,069	1,062	1,057	1,057
Machinery, except electrical	1,375	1,367	1,372	1,373	1,380	1,388	1,392	1,398	1,390	1,384	1,380	1,372	1,368
Electrical equipment and supplies	1,271	1,260	1,251	1,284	1,298	1,332	1,345	1,348	1,347	1,352	1,356	1,349	1,351
Transportation equipment	1,437	1,329	1,377	1,361	1,347	1,363	1,371	1,373	1,394	1,396	1,393	1,390	1,368
Instruments and related products	286	284	285	287	289	289	288	289	286	284	283	279	281
Miscellaneous manufacturing industries	327	338	340	342	343	344	347	353	349	349	347	345	348
NONDURABLE GOODS	5,932	5,885	5,930	5,893	5,947	5,951	5,977	6,004	5,994	5,985	5,946	5,915	5,962
Food and kindred products	1,170	1,182	1,201	1,196	1,195	1,200	1,197	1,196	1,195	1,195	1,174	1,166	1,188
Tobacco manufactures	76	76	75	74	73	72	73	77	74	72	67	68	70
Textile mill products	840	835	841	835	838	845	848	856	856	856	858	858	863
Apparel and other textile products	1,221	1,221	1,239	1,235	1,232	1,226	1,243	1,254	1,252	1,252	1,248	1,240	1,245
Paper and allied products	537	539	535	525	526	531	529	527	527	526	522	516	524
Printing and publishing	675	674	673	672	673	674	670	668	663	660	658	655	655
Chemicals and allied products	587	586	583	580	583	580	585	585	584	584	581	578	580
Petroleum and coal products	119	119	119	117	118	116	117	117	118	117	116	116	117
Rubber and plastics products, n e c	406	360	362	354	402	403	406	411	411	408	406	402	402
Leather and leather products	301	295	302	305	307	304	309	313	314	315	316	316	318

NOTE: Data for the 2 most recent months are preliminary.

**ESTABLISHMENT DATA
STATE AND AREA EMPLOYMENT**

B-7: Employees on nonagricultural payrolls

(in thousands)

	State and area	TOTAL			Mining			Contract construction			Manufacturing		
		July 1967	June 1967	July 1966	July 1967	June 1967	July 1966	July 1967	June 1967	July 1966	July 1967	June 1967	July 1966
1	ALABAMA	942.6	944.1	940.7	8.1	8.2	8.3	56.3	54.5	60.4	293.0	293.8	297.3
2	Birmingham	227.3	227.4	223.1	4.0	4.1	4.1	14.2	14.1	14.1	66.1	66.0	65.6
3	Huntsville	79.5	79.0	82.9	(1)	(1)	(1)	4.0	3.9	4.1	11.8	11.7	13.7
4	Mobile	98.8	100.9	104.9	(1)	(1)	(1)	6.4	6.2	6.4	21.5	21.9	22.7
5	Montgomery	65.9	65.0	64.7	(1)	(1)	(1)	5.5	5.2	6.2	10.1	10.1	9.9
6	Tuscaloosa	30.6	30.4	32.0	(1)	(1)	(1)	1.9	1.7	2.0	8.1	8.1	8.9
7	ALASKA	86.4	82.5	84.8	2.0	1.9	1.3	8.3	7.7	9.6	11.1	8.8	11.6
8	ARIZONA	445.9	445.6	426.4	17.1	17.4	16.7	24.5	24.4	24.2	77.8	78.5	77.6
9	Phoenix	260.2	261.1	249.3	.2	.2	.2	14.0	13.8	13.6	59.6	60.1	60.7
10	Tucson	84.7	84.8	78.9	4.5	4.5	4.0	5.9	6.0	5.9	9.0	9.0	7.6
11	ARKANSAS	499.8	504.5	496.1	4.7	4.8	4.9	38.8	37.7	36.5	148.7	150.8	151.6
12	Fayetteville	22.4	22.4	23.0	(1)	(1)	(1)	1.1	1.2	1.4	7.4	7.2	7.9
13	Fort Smith	40.9	41.0	40.1	.6	.6	.6	2.1	2.1	2.0	14.2	14.4	13.4
14	Little Rock-North Little Rock	106.8	107.0	106.9	(1)	(1)	(1)	9.8	9.8	11.6	20.5	20.6	20.0
15	Pine Bluff	23.6	23.4	23.3	(1)	(1)	(1)	2.3	2.2	1.9	5.4	5.4	5.7
16	CALIFORNIA	6,337.1	6,317.3	6,143.9	33.6	33.3	33.7	285.0	279.0	316.3	1,572.0	1,556.4	1,544.2
17	Anaheim-Santa Ana-Garden Grove	355.3	355.2	325.6	2.1	2.1	2.0	20.2	19.9	22.5	120.9	120.1	106.7
18	Bakersfield	88.2	88.9	87.0	7.9	7.8	7.9	3.8	3.9	3.9	8.7	8.6	9.0
19	Fresno	106.8	105.4	107.8	1.0	1.0	1.0	5.6	5.3	6.0	15.3	14.8	17.2
20	Los Angeles-Long Beach	2,684.6	2,685.4	2,620.9	10.3	10.2	10.3	99.5	97.8	111.3	843.9	844.3	832.3
21	Oxnard-Ventura	77.0	77.7	72.7	2.4	2.3	2.4	3.6	3.6	3.7	11.2	11.2	10.7
22	Sacramento	243.5	245.2	240.1	.2	.2	.4	11.7	11.2	13.5	26.3	26.9	28.0
23	San Bernardino-Riverside-Ontario	260.9	264.1	252.4	2.0	2.0	2.2	13.5	13.7	15.0	47.6	47.2	46.9
24	San Diego	304.7	305.1	290.5	4.4	4.4	4.4	13.9	13.7	15.4	56.6	59.1	56.7
25	San Francisco-Oakland	1,151.6	1,140.9	1,125.2	1.5	1.5	1.6	59.7	58.5	65.5	198.2	194.2	205.7
26	San Jose	331.8	325.0	309.9	.3	.3	.3	15.4	14.5	17.5	121.0	114.1	110.1
27	Santa Barbara	74.2	73.5	69.8	1.3	1.3	1.3	4.2	4.0	4.3	10.3	10.1	10.1
28	Santa Rosa	43.8	43.3	42.5	.2	.2	.2	2.5	2.4	2.7	6.3	6.0	6.6
29	Stockton	80.0	81.5	79.0	.1	.1	.1	3.4	3.1	4.0	14.3	14.6	14.8
30	Vallejo-Napa	62.9	63.6	60.7	.2	.2	.2	2.1	2.0	2.3	7.1	6.8	7.4
31	COLORADO	656.0	652.1	635.4	13.3	13.4	13.4	40.2	38.8	42.3	103.8	102.4	100.9
32	Denver	409.7	407.9	398.5	3.9	3.8	3.8	25.3	24.3	26.1	74.6	74.4	72.1
33	CONNECTICUT	1,113.4	1,118.3	1,103.0	(2)	(2)	(2)	53.3	45.4	57.9	465.1	477.7	471.9
34	Bridgeport	147.8	146.7	145.1	(2)	(2)	(2)	6.5	4.9	6.0	76.6	76.4	75.8
35	Hartford	302.2	303.6	294.6	(2)	(2)	(2)	13.9	13.1	14.0	113.7	115.0	111.0
36	New Britain	45.1	45.5	44.9	(2)	(2)	(2)	1.9	1.5	2.0	25.1	25.6	25.1
37	New Haven	148.9	148.6	146.2	(2)	(2)	(2)	8.7	7.5	8.7	47.0	47.4	47.3
38	Stamford	74.2	74.2	71.2	(2)	(2)	(2)	4.0	3.8	4.1	25.9	25.8	24.7
39	Waterbury	73.5	74.2	73.8	(2)	(2)	(2)	2.9	2.8	2.8	37.8	38.3	39.0
40	DELAWARE	195.3	199.2	194.7	(1)	(1)	(1)	14.8	14.5	15.9	69.2	72.9	69.6
41	Wilmington	175.9	178.2	174.9	(1)	(1)	(1)	12.2	11.9	13.1	66.4	68.9	66.3
42	DISTRICT OF COLUMBIA ³	679.2	675.0	659.6	(1)	(1)	(1)	25.3	25.0	26.4	21.3	21.3	21.1
43	Washington SMSA	1,032.3	1,025.3	1,004.6	(1)	(1)	(1)	67.3	65.8	77.9	42.7	42.7	42.9
44	FLORIDA	1,751.3	1,780.2	1,668.7	10.7	10.7	10.7	139.7	136.4	139.3	281.2	283.4	271.1
45	Fort Lauderdale-Hollywood	114.4	114.4	110.5	(1)	(1)	(1)	12.6	12.2	14.1	13.4	13.5	13.3
46	Jacksonville	174.3	173.8	168.1	(1)	(1)	(1)	12.1	12.0	11.7	25.0	24.4	24.3
47	Miami	381.3	385.0	363.4	(1)	(1)	(1)	24.4	23.9	23.9	60.0	60.8	58.8
48	Orlando	108.8	112.1	103.3	(1)	(1)	(1)	8.6	8.4	8.5	19.1	20.8	18.2
49	Pensacola	59.4	58.6	58.0	(1)	(1)	(1)	5.1	4.8	5.0	14.0	14.0	14.3
50	Tampa-St. Petersburg	247.7	251.4	243.7	(1)	(1)	(1)	20.0	19.3	19.8	45.8	47.2	45.6
51	West Palm Beach	77.7	76.5	76.4	(1)	(1)	(1)	6.9	6.8	8.9	14.4	12.1	14.5
52	GEORGIA	1,360.3	1,362.7	1,326.4	6.1	6.1	6.1	71.0	72.1	74.4	430.5	432.7	427.2
53	Atlanta	518.8	518.5	501.8	(1)	(1)	(1)	24.5	25.8	28.4	117.1	117.4	115.6

See footnotes at end of table. NOTE: Data for the current month are preliminary.

ESTABLISHMENT DATA STATE AND AREA EMPLOYMENT

for States and selected areas, by industry division

(In thousands)

Transportation and public utilities			Wholesale and retail trade			Finance, insurance, and real estate			Services			Government			
July 1967	June 1967	July 1966	July 1967	June 1967	July 1966	July 1967	June 1967	July 1966	July 1967	June 1967	July 1966	July 1967	June 1967	July 1966	
55.2	54.8	52.9	176.3	178.2	172.7	39.0	38.9	38.1	127.9	127.5	124.0	186.8	188.2	187.0	1
17.0	17.0	16.8	51.7	52.2	51.0	15.7	15.7	15.5	30.1	30.0	28.8	28.5	28.3	27.2	2
1.9	1.9	2.0	10.8	10.8	12.4	2.0	2.0	1.9	21.1	20.9	21.3	27.9	27.8	27.5	3
9.4	9.5	9.6	23.8	24.7	23.7	4.4	4.4	4.4	15.4	15.2	15.2	17.9	19.0	22.9	4
4.5	4.5	4.3	14.3	14.2	14.0	4.4	4.4	4.4	9.6	9.4	9.1	17.5	17.2	16.8	5
1.5	1.5	1.3	5.2	5.2	5.4	1.0	1.0	1.0	3.0	3.0	3.1	9.9	9.9	10.3	6
8.1	7.9	7.9	11.9	11.5	10.9	2.4	2.4	2.3	8.8	8.8	8.5	33.8	33.5	32.7	7
26.7	26.8	26.3	101.3	102.0	96.4	23.2	23.1	22.4	73.4	71.6	68.1	101.9	101.8	94.7	8
15.2	15.1	14.7	63.6	64.1	59.5	17.1	17.0	16.4	42.4	42.5	39.3	48.1	48.3	44.9	9
5.2	5.2	5.2	18.4	18.5	17.4	3.7	3.6	3.5	14.8	14.8	13.6	23.2	23.2	21.7	10
31.1	31.0	31.8	98.6	99.4	97.4	19.7	19.7	19.0	68.2	67.7	64.0	90.0	93.4	90.9	11
1.9	1.9	1.8	4.9	4.9	4.6	.6	.6	.6	2.5	2.5	2.5	4.0	4.1	4.2	12
2.6	2.6	2.8	8.6	8.4	8.5	1.3	1.3	1.2	5.9	5.9	5.7	5.7	5.7	5.9	13
9.3	9.1	9.1	22.3	22.4	22.5	8.3	8.2	8.1	16.2	16.0	15.7	20.4	20.8	19.9	14
3.0	3.0	2.9	4.2	4.2	4.1	.8	.8	.8	2.9	2.9	2.9	5.0	5.0	5.0	15
435.7	428.2	408.3	1,374.5	1,362.2	1,331.4	328.2	325.9	322.2	1,063.1	1,055.0	1,016.0	1,245.0	1,277.3	1,171.8	16
11.5	11.4	11.0	79.2	78.6	71.6	14.5	14.4	14.1	56.1	55.3	51.2	50.8	53.4	46.5	17
6.3	6.1	6.7	21.0	21.4	20.2	2.7	2.7	2.7	12.3	12.5	12.0	25.5	25.9	24.6	18
8.6	8.4	8.4	30.6	29.5	31.2	5.0	5.0	4.9	17.6	17.2	16.9	23.1	24.2	22.2	19
164.7	162.4	155.7	579.7	578.9	566.9	149.4	148.5	146.9	474.0	467.5	452.8	363.1	375.8	344.7	20
3.8	3.8	3.6	17.7	17.1	17.1	2.4	2.4	2.4	10.7	10.7	10.2	25.2	26.0	22.6	21
18.5	18.3	18.3	49.9	49.5	48.2	10.0	10.0	9.8	30.2	30.2	29.4	96.7	99.9	92.5	22
18.2	18.1	17.7	57.9	58.9	54.7	9.5	9.5	9.4	44.6	45.3	42.8	67.6	69.4	63.7	23
17.5	17.3	16.3	67.1	66.5	63.6	13.9	13.8	13.6	55.7	54.5	51.5	79.6	79.8	73.0	24
123.2	121.0	110.0	246.5	239.1	241.8	83.3	82.9	82.1	186.7	186.6	181.1	252.5	257.1	237.4	25
14.6	14.3	14.3	57.5	57.8	53.9	11.2	11.1	11.0	58.4	58.8	55.2	53.4	54.1	47.6	26
3.5	3.5	3.2	17.0	16.7	16.5	2.7	2.7	2.7	17.1	17.0	15.8	18.1	18.2	15.9	27
2.6	2.6	2.7	11.3	11.3	10.6	3.7	3.6	3.6	6.7	6.6	6.8	10.5	10.6	9.3	28
6.5	6.4	6.9	18.3	18.3	18.0	2.6	2.6	2.6	11.3	12.4	10.7	23.5	24.0	21.9	29
3.5	3.4	3.4	10.7	10.5	10.3	1.7	1.7	1.7	8.2	8.6	7.9	29.4	30.4	27.5	30
47.8	47.7	45.9	148.5	147.8	147.5	33.5	33.4	31.9	109.2	107.6	105.5	159.7	161.0	148.0	31
32.9	32.9	31.1	99.2	99.0	98.5	25.0	25.0	24.2	72.1	71.5	70.3	76.7	77.0	72.4	32
49.0	50.6	47.9	200.6	202.7	196.1	63.5	62.0	60.8	153.4	152.5	148.1	128.4	127.5	120.4	33
6.1	6.2	5.9	25.4	25.8	24.7	4.3	4.3	4.1	16.8	17.1	16.6	12.1	12.0	12.0	34
10.3	10.5	10.1	55.4	56.7	53.9	36.6	36.0	35.4	39.1	39.2	37.7	33.2	33.2	32.6	35
1.9	2.0	2.0	7.2	7.4	6.9	1.0	1.0	1.0	4.4	4.5	4.3	3.6	3.7	3.5	36
13.2	13.4	13.1	29.7	30.0	28.6	7.5	7.4	7.4	27.2	27.2	26.5	15.6	15.8	14.7	37
2.7	2.9	2.8	15.8	16.1	15.1	3.4	3.3	3.1	15.2	15.0	14.5	7.2	7.2	7.0	38
2.9	3.0	2.9	11.5	11.7	11.0	1.9	1.9	1.8	9.3	9.3	9.2	7.2	7.3	7.1	39
10.9	11.1	10.8	38.9	39.2	38.2	8.1	7.9	7.7	26.6	26.6	26.6	26.8	27.0	25.9	40
9.2	9.3	9.2	33.4	33.8	33.2	7.4	7.2	7.0	24.3	24.2	23.8	23.0	22.9	22.3	41
31.5	31.2	31.1	87.6	87.2	90.0	33.3	32.9	32.4	126.9	125.6	120.4	353.3	351.8	338.2	42
57.1	55.9	50.9	187.7	187.4	190.4	65.5	64.0	62.0	213.1	211.5	200.1	398.9	398.0	380.4	43
123.5	122.2	110.2	459.0	465.0	437.1	104.0	103.5	101.8	309.0	308.6	289.9	324.2	350.4	308.6	44
6.4	6.2	6.2	32.7	33.0	31.4	7.6	7.6	7.6	22.2	22.6	20.5	19.5	19.3	17.4	45
18.3	18.2	17.4	48.6	48.4	47.1	15.7	15.7	14.9	25.0	25.0	24.9	29.6	30.1	27.8	46
43.1	42.4	33.4	100.2	100.2	99.4	25.3	25.2	25.3	80.8	80.2	78.2	47.5	52.3	44.4	47
6.6	6.5	6.1	31.6	33.4	30.2	7.3	7.3	7.2	18.4	18.1	17.1	17.2	17.6	16.0	48
3.3	3.2	3.1	12.3	12.1	12.1	2.3	2.3	2.3	6.6	6.6	6.8	15.8	15.6	14.4	49
18.0	17.9	17.2	69.8	69.9	68.8	14.6	14.7	14.9	41.4	41.8	40.0	38.1	40.6	37.4	50
4.3	4.1	3.6	19.3	19.4	18.7	5.3	5.2	4.8	13.7	13.7	12.9	13.8	15.2	13.0	51
92.1	91.1	87.5	281.8	282.0	275.5	65.0	64.4	63.4	156.1	155.0	150.0	257.7	259.3	242.3	52
49.6	49.3	46.6	135.2	135.6	131.6	37.1	36.6	35.7	75.4	74.8	70.8	79.9	79.0	73.1	53

**ESTABLISHMENT DATA
STATE AND AREA EMPLOYMENT**

B-7: Employees on nonagricultural payrolls

(In thousands)

State and area	TOTAL			Mining			Contract construction			Manufacturing		
	July 1967	June 1967	July 1966	July 1967	June 1967	July 1966	July 1967	June 1967	July 1966	July 1967	June 1967	July 1966
GEORGIA (continued)												
1 Augusta	82.3	81.9	78.2	(1)	(1)	(1)	7.0	6.8	5.5	30.0	30.0	29.6
2 Columbus	64.9	63.8	62.3	(1)	(1)	(1)	5.2	4.8	5.4	18.3	18.4	18.3
3 Macon	74.1	74.0	71.9	(1)	(1)	(1)	3.7	3.6	3.7	15.6	15.5	14.7
4 Savannah	59.8	59.9	58.5	(1)	(1)	(1)	3.9	3.8	3.4	15.6	15.9	15.3
HAWAII												
5 Honolulu	252.9	247.5	246.4	(1)	(1)	(1)	19.1	18.8	20.1	32.5	29.1	32.2
6 Honolulu	214.4	210.7	208.4	(1)	(1)	(1)	16.6	16.4	17.3	24.1	21.7	23.6
IDAHO												
7 Boise	191.0	190.1	187.3	3.8	3.7	3.7	10.9	10.0	11.2	33.9	34.4	33.8
8 Boise	35.3	35.2	34.7	(1)	(1)	(1)	2.0	1.8	2.2	3.9	3.9	3.9
ILLINOIS												
9 Chicago	4,183.4	4,208.8	4,102.2	24.4	24.3	25.9	198.6	194.6	190.5	1,373.1	1,384.9	1,404.0
10 Chicago	2,912.0	2,910.1	2,837.8	6.2	6.0	6.1	119.4	116.8	117.7	969.4	980.7	977.3
11 Chicago-Northwestern Indiana ..	(5)	3,122.6	3,052.4	(5)	6.1	6.2	(5)	129.8	131.8	(5)	1,088.0	1,089.5
12 Davenport-Rock Island-Moline ..	(5)	134.6	130.0	(5)	(2)	(2)	(5)	7.1	7.4	(5)	50.9	49.5
13 Peoria	(5)	123.3	120.9	(5)	(2)	(2)	(5)	8.4	8.0	(5)	47.3	48.2
14 Rockford	(5)	105.6	104.4	(5)	(2)	(2)	(5)	4.8	4.7	(5)	56.0	57.1
INDIANA												
15 Evansville	1,773.0	1,774.2	1,734.8	7.7	7.6	7.8	96.4	93.7	86.5	706.1	695.3	718.5
16 Fort Wayne	84.7	84.2	83.7	1.9	1.9	2.0	4.1	3.9	4.1	34.2	33.8	33.1
17 Gary-Hammond-East Chicago ..	111.1	111.7	106.8	(1)	(1)	(1)	6.0	5.8	5.6	43.8	43.9	43.3
18 Indianapolis	211.4	212.7	214.6	(1)	(1)	(1)	12.6	13.0	14.1	107.3	107.6	112.2
19 Muncie	400.2	391.5	389.3	(1)	(1)	(1)	20.7	20.4	19.8	132.6	124.3	133.2
20 South Bend	41.4	42.9	42.2	(1)	(1)	(1)	1.8	1.7	2.0	17.6	18.3	18.6
21 Terre Haute	91.8	92.3	93.9	(1)	(1)	(1)	4.0	4.0	4.0	34.1	34.2	37.0
22 Terre Haute	50.9	51.3	49.2	.8	.8	.8	2.2	2.0	2.3	14.4	14.4	14.3
IOWA												
23 Cedar Rapids	848.9	852.5	813.9	3.5	3.4	3.5	51.5	48.6	48.5	220.2	219.1	215.6
24 Des Moines	65.2	64.4	62.7	(1)	(1)	(1)	3.3	3.1	3.4	28.5	27.8	27.4
25 Sioux City	116.6	117.7	118.5	(1)	(1)	(1)	6.2	5.7	6.6	22.3	22.2	24.7
26 Waterloo	41.9	41.6	40.0	(1)	(1)	(1)	3.0	2.9	2.6	9.5	9.4	8.6
27 Waterloo	48.9	49.9	48.8	(1)	(1)	(1)	2.2	2.1	2.4	21.6	21.6	21.1
KANSAS												
28 Topeka	640.4	644.2	633.9	12.7	12.5	13.1	32.3	31.3	35.8	145.0	145.4	140.2
29 Wichita	58.3	57.6	56.3	.1	.1	.1	4.2	3.9	3.9	8.5	8.4	8.1
30 Wichita	148.8	150.1	145.8	2.9	2.8	3.0	6.4	6.3	6.9	55.2	56.5	54.2
KENTUCKY												
31 Lexington	818.9	836.1	806.1	32.5	32.1	27.7	46.2	45.8	53.9	220.2	223.2	223.5
32 Louisville	73.7	73.9	69.8	(1)	(1)	(1)	5.6	5.8	5.5	16.6	16.8	15.4
33 Louisville	297.0	296.8	284.9	(1)	(1)	(1)	16.5	15.8	16.5	105.7	105.5	100.4
LOUISIANA												
34 Baton Rouge	1,001.1	1,008.5	973.6	52.7	52.5	52.4	82.4	91.5	96.6	177.5	177.0	169.4
35 Lake Charles	91.6	97.1	92.4	.1	.3	.4	9.8	14.8	14.3	17.6	17.6	17.4
36 Monroe	35.4	38.5	35.8	1.3	1.3	1.3	2.7	5.6	4.4	8.3	8.6	7.9
37 New Orleans	34.7	34.4	33.9	.5	.5	.5	5.1	5.1	4.7	6.1	6.1	6.3
38 Shreveport	361.2	363.5	359.9	12.7	12.9	13.4	28.8	28.8	30.2	59.1	59.0	61.5
39 Shreveport	86.8	85.8	82.5	5.3	5.3	5.3	6.7	6.6	6.6	13.4	13.5	12.7
MAINE												
40 Lewiston-Auburn	322.9	321.5	319.0	(1)	(1)	(1)	17.5	17.1	17.9	119.0	118.9	117.9
41 Portland	28.2	28.5	28.2	(1)	(1)	(1)	1.4	1.4	1.3	13.9	14.1	14.4
42 Portland	61.6	60.7	59.8	(1)	(1)	(1)	3.6	3.4	3.6	16.0	15.5	14.9
MARYLAND												
43 Baltimore	1,199.0	1,202.3	1,148.2	2.5	2.5	2.5	91.0	89.0	91.7	282.7	283.5	282.8
44 Baltimore	733.7	736.8	710.9	.9	.9	.9	44.7	43.7	45.5	203.4	204.4	204.7
MASSACHUSETTS												
45 Boston	2,143.7	2,159.1	2,119.0	(1)	(1)	(1)	97.9	95.4	98.3	684.5	702.5	694.0
46 Brockton	1,230.1	1,240.7	1,198.2	(1)	(1)	(1)	56.9	55.8	55.4	302.5	309.5	301.3
47 Fall River	46.6	47.3	46.1	(1)	(1)	(1)	2.2	2.1	2.2	16.0	16.7	16.5
48 Lawrence-Haverhill	43.2	44.1	43.4	(1)	(1)	(1)	(1)	(1)	(1)	20.0	20.9	20.6
49 Lowell	78.0	77.7	75.0	(1)	(1)	(1)	2.4	2.3	2.4	39.2	39.8	38.2
50 Springfield-Chicopee-Holyoke ..	48.3	49.6	48.1	(1)	(1)	(1)	2.4	2.6	2.7	19.0	19.9	19.5
51 Worcester	51.1	52.6	53.1	(1)	(1)	(1)	2.0	1.9	1.9	24.5	26.4	26.6
52 Worcester	187.9	189.0	188.7	(1)	(1)	(1)	8.7	8.5	8.1	71.1	72.3	73.8
53 Worcester	125.9	126.5	125.8	(1)	(1)	(1)	5.4	5.2	5.3	49.9	50.5	50.9

See footnotes at end of table. NOTE: Data for the current month are preliminary.

ESTABLISHMENT DATA STATE AND AREA EMPLOYMENT

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

(In thousands)

Transportation and public utilities			Wholesale and retail trade			Finance, insurance, and real estate			Services			Government			
July 1967	June 1967	July 1966	July 1967	June 1967	July 1966	July 1967	June 1967	July 1966	July 1967	June 1967	July 1966	July 1967	June 1967	July 1966	
3.9	4.0	3.6	13.3	13.4	12.7	2.8	2.7	2.8	8.0	7.9	7.6	17.3	17.1	16.4	1
3.2	3.1	3.0	11.6	11.5	11.9	3.3	3.3	3.1	7.1	7.1	6.8	16.2	15.6	13.8	2
3.3	3.3	3.0	12.8	12.7	12.7	3.8	3.8	3.4	7.8	7.8	7.8	27.1	27.3	26.6	3
6.7	6.4	6.6	12.8	12.8	12.8	2.8	2.8	2.7	7.8	7.7	7.8	10.2	10.5	9.9	4
18.9	18.8	17.9	57.0	56.0	55.7	14.2	14.2	13.9	44.8	44.3	42.7	66.4	66.3	63.9	5
16.2	16.2	15.2	49.1	48.2	47.7	12.9	12.9	12.7	37.3	37.0	36.0	58.2	58.3	55.9	6
14.5	14.4	14.2	46.3	46.0	46.3	7.4	7.4	7.3	29.0	28.7	27.6	45.2	45.5	43.2	7
3.1	3.1	3.1	9.8	9.8	9.7	2.4	2.4	2.3	5.3	5.3	5.1	8.8	8.9	8.4	8
293.0	292.1	284.0	896.0	899.7	869.0	214.7	211.8	211.0	638.8	636.1	601.6	544.9	565.4	516.1	9
210.2	209.6	203.8	635.3	639.7	614.5	169.0	166.3	164.7	477.9	473.0	450.2	324.5	318.1	303.6	10
(5)	222.8	217.0	(5)	674.3	648.4	(5)	172.0	170.3	(5)	491.4	467.7	(5)	338.3	321.5	11
(5)	7.3	7.1	(5)	27.2	26.1	(5)	5.1	5.0	(5)	16.1	15.2	(5)	20.9	19.6	12
(5)	6.6	6.8	(5)	26.4	24.9	(5)	4.8	4.7	(5)	15.9	15.3	(5)	14.0	13.0	13
(5)	3.4	3.3	(5)	19.4	18.5	(5)	2.9	2.9	(5)	11.7	11.0	(5)	7.4	6.8	14
96.9	96.6	96.9	343.6	343.7	331.8	69.3	68.6	67.9	188.1	190.3	179.2	264.9	278.3	246.2	15
5.0	5.0	5.2	17.6	17.6	17.7	3.1	3.1	3.1	10.7	10.8	10.6	8.1	8.1	7.9	16
7.5	7.6	7.5	25.1	25.3	23.1	5.5	5.4	5.5	13.7	13.7	12.8	9.5	10.0	9.0	17
13.4	13.2	13.2	34.7	34.6	33.9	5.8	5.7	5.6	18.4	18.4	17.7	19.2	20.2	17.9	18
27.1	26.7	26.7	87.5	87.1	83.4	27.3	26.8	25.2	46.5	46.9	44.5	58.5	59.3	56.5	19
2.3	2.4	2.5	8.1	8.1	8.0	1.3	1.3	1.3	4.6	4.5	4.3	5.7	6.6	5.5	20
4.7	4.7	4.8	19.7	19.6	19.6	4.7	4.7	4.8	15.2	15.3	15.1	9.4	9.8	8.6	21
4.3	4.3	4.3	13.1	13.1	12.4	1.7	1.7	1.7	5.6	5.7	5.4	8.8	9.3	8.0	22
52.5	52.6	51.9	208.7	210.2	197.5	38.8	38.6	37.7	127.5	129.8	118.9	146.3	150.3	140.3	23
3.4	3.4	3.2	13.0	12.9	12.4	3.1	3.1	2.9	8.6	8.6	7.9	5.4	5.6	5.6	24
8.7	8.6	9.0	30.0	30.2	30.4	13.1	13.3	13.4	19.8	19.9	18.8	16.7	17.8	15.8	25
3.2	3.2	3.2	11.6	11.6	11.0	2.0	2.0	1.9	6.9	6.9	6.7	5.8	5.8	6.0	26
2.7	2.8	2.6	9.5	9.5	9.7	1.4	1.4	1.4	6.5	6.5	6.2	5.2	6.2	5.5	27
52.7	52.5	52.2	145.7	145.1	144.6	27.7	27.6	27.1	92.1	92.2	89.6	132.2	137.6	131.3	28
7.3	7.4	7.5	12.2	12.2	11.8	3.3	3.3	3.1	9.4	9.3	8.9	13.4	13.2	13.2	29
8.1	8.0	7.9	31.4	31.1	30.7	6.3	6.3	6.3	21.8	21.7	20.6	17.0	17.5	16.3	30
57.7	57.3	57.8	170.9	170.1	163.7	32.1	31.9	31.3	117.7	116.4	108.9	141.6	159.1	139.4	31
3.7	3.5	3.6	14.0	13.8	14.0	3.1	3.0	3.2	10.5	10.8	9.9	20.1	20.2	18.3	32
21.8	21.7	21.6	62.0	61.6	59.9	14.5	14.6	14.5	42.4	42.3	41.3	34.2	35.2	30.7	33
93.8	93.1	91.8	227.2	226.2	215.0	44.8	44.7	44.1	136.1	135.2	130.2	186.6	188.3	174.1	34
5.1	5.1	5.0	19.7	19.9	19.0	5.3	5.4	5.0	12.7	12.7	12.3	21.2	21.2	19.0	35
3.3	3.3	3.3	7.8	7.6	7.4	1.4	1.4	1.4	4.7	4.7	4.5	5.9	6.0	5.6	36
2.2	2.2	2.2	8.9	8.9	8.7	1.7	1.6	1.6	4.6	4.6	4.6	5.6	5.4	5.3	37
47.5	47.3	45.9	86.1	86.4	85.6	21.1	21.0	20.8	60.1	60.2	58.6	45.8	48.0	43.8	38
9.0	9.0	9.0	22.5	22.4	21.5	4.2	4.1	4.0	12.1	12.0	11.7	13.4	12.8	11.7	39
17.6	17.4	17.7	61.1	60.1	59.8	10.9	10.9	10.5	39.4	36.9	38.7	57.4	60.2	56.5	40
1.0	1.0	.9	5.6	5.6	5.5	1.0	1.0	.9	3.6	3.6	3.5	1.7	1.8	1.7	41
5.5	5.4	5.6	15.7	15.7	15.5	4.3	4.3	4.3	10.1	9.6	9.5	6.4	6.8	6.4	42
75.8	76.1	74.8	266.4	267.6	251.0	64.0	63.0	60.2	201.6	199.9	187.8	215.0	220.7	197.4	43
53.0	53.4	52.7	155.3	156.2	149.3	38.5	38.3	37.1	117.1	116.4	109.3	120.8	123.5	111.4	44
107.7	109.1	105.5	440.9	445.8	436.5	114.3	113.2	112.3	408.6	404.8	391.4	289.8	288.3	281.0	45
69.7	70.5	67.5	266.8	272.0	263.1	84.0	83.4	82.6	280.7	282.1	264.2	169.5	167.4	164.1	46
2.9	3.0	2.8	11.7	11.6	11.2	1.4	1.5	1.4	5.4	5.4	5.1	7.0	7.0	6.9	47
1.8	1.7	1.7	8.5	8.7	8.5	(1)	(1)	(1)	8.3	8.5	8.3	4.6	4.3	4.3	48
2.0	2.0	1.9	13.4	13.5	13.3	2.2	2.1	2.1	9.5	8.8	9.3	9.3	9.2	7.8	49
2.0	2.1	1.9	9.3	9.4	8.8	1.4	1.4	1.3	7.6	7.6	7.4	6.6	6.6	6.5	50
2.4	2.5	2.6	9.6	9.7	9.6	(1)	(1)	(1)	8.5	8.1	8.3	4.1	4.0	4.1	51
8.2	8.3	8.4	35.2	35.7	34.6	8.9	8.8	8.8	31.1	30.8	30.7	24.7	24.6	24.3	52
5.7	5.8	5.9	22.5	22.9	22.4	6.3	6.2	6.1	20.9	20.8	20.2	15.2	15.1	15.0	53

**ESTABLISHMENT DATA
STATE AND AREA EMPLOYMENT**

B-7: Employees on nonagricultural payrolls

(In thousands)

	State and area	TOTAL			Mining			Contract construction			Manufacturing		
		July 1967	June 1967	July 1966	July 1967	June 1967	July 1966	July 1967	June 1967	July 1966	July 1967	June 1967	July 1966
1	MICHIGAN	2,778.3	2,863.6	2,764.3	13.9	13.8	13.5	127.4	121.1	123.7	1,034.3	1,116.3	1,091.9
2	Ann Arbor	91.1	91.9	85.6	(1)	(1)	(1)	4.0	4.0	3.6	32.3	32.7	30.2
3	Battle Creek	56.8	57.2	56.9	(1)	(1)	(1)	2.3	2.2	2.2	25.2	25.7	26.4
4	Bay City	28.7	29.7	27.9	(1)	(1)	(1)	1.6	1.5	1.5	11.4	12.6	11.1
5	Detroit	1,374.5	1,424.8	1,371.5	1.1	1.1	.9	56.6	52.8	54.8	539.3	586.6	574.1
6	Flint	136.1	150.6	147.7	(1)	(1)	(1)	6.4	6.6	6.1	67.1	80.7	79.7
7	Grand Rapids	167.7	176.1	165.6	(1)	(1)	(1)	10.3	10.0	10.4	68.8	75.9	70.0
8	Jackson	45.5	45.4	45.5	(1)	(1)	(1)	2.2	2.1	2.0	19.9	19.8	20.3
9	Kalamazoo	67.4	68.3	64.8	(1)	(1)	(1)	3.6	3.5	3.5	29.3	30.1	28.5
10	Lansing	117.7	120.2	113.8	(1)	(1)	(1)	5.7	5.2	5.5	37.9	37.4	37.8
11	Muskegon-Muskegon Heights	51.5	52.2	50.2	(1)	(1)	(1)	1.8	1.7	1.8	28.4	28.9	28.1
12	Saginaw	63.1	68.5	65.8	(1)	(1)	(1)	4.1	4.0	3.6	25.9	31.5	29.1
13	MINNESOTA	1,208.1	1,200.2	1,167.0	16.7	16.4	16.5	77.5	74.1	74.5	298.2	290.2	291.6
14	Duluth-Superior	56.1	55.6	56.0	(1)	(1)	(1)	3.1	2.9	3.0	9.8	9.7	10.7
15	Minneapolis-St. Paul	718.4	715.7	687.7	(1)	(1)	(1)	43.3	42.2	41.6	196.7	193.6	189.9
16	MISSISSIPPI	524.8	525.5	525.2	5.7	5.7	5.9	31.3	30.7	35.6	163.6	163.5	168.1
17	Jackson	79.9	80.8	79.4	.7	.8	.8	5.6	5.6	6.0	13.2	13.2	13.5
18	MISSOURI	1,580.5	1,592.0	1,561.0	8.0	8.0	8.4	73.7	72.5	85.3	451.6	453.1	450.8
19	Kansas City	488.7	487.3	469.1	.7	.6	.6	27.6	26.9	28.1	132.7	132.3	130.4
20	St. Joseph	32.1	31.6	32.1	(2)	(2)	(2)	1.8	1.9	1.7	10.9	10.5	11.0
21	St. Louis	885.4	890.9	870.6	2.5	2.5	2.7	46.8	46.3	52.1	293.0	294.3	292.1
22	Springfield	49.0	48.9	47.5	.1	.1	.1	2.4	2.4	2.9	13.6	13.2	13.1
23	MONTANA	196.8	193.8	196.4	7.1	6.8	7.6	12.3	11.1	14.8	25.1	24.6	24.8
24	Billings	26.9	26.7	26.3	(1)	(1)	(1)	2.1	1.9	1.8	3.1	3.0	3.0
25	Great Falls	24.9	24.2	24.0	(1)	(1)	(1)	2.7	2.5	2.4	3.6	3.6	3.7
26	NEBRASKA	443.8	444.0	437.5	1.7	1.6	2.1	26.0	23.7	26.6	78.3	79.1	77.2
27	Omaha	189.7	189.6	186.3	(2)	(2)	(2)	12.3	11.3	12.2	36.7	37.0	37.5
28	NEVADA	171.9	168.9	167.4	4.0	3.9	4.2	8.4	8.8	9.7	7.0	7.0	7.3
29	Las Vegas	88.4	87.9	84.8	.3	.3	.3	4.2	4.4	4.4	3.6	3.7	3.7
30	Reno	49.7	48.5	48.1	(7)	(7)	(7)	3.6	3.6	3.9	2.5	2.5	2.6
31	NEW HAMPSHIRE	254.7	245.3	245.6	.3	.3	.3	13.8	12.9	13.1	97.6	98.2	95.8
32	Manchester	48.8	49.4	47.0	(1)	(1)	(1)	3.0	2.9	2.8	18.1	18.5	17.8
33	NEW JERSEY	2,433.9	2,440.1	2,383.0	3.3	3.3	3.2	117.1	114.7	121.0	873.9	882.6	875.4
34	Atlantic City	68.2	63.7	67.8	-	-	-	4.3	4.3	4.0	9.4	9.9	9.3
35	Jersey City ⁸	260.7	261.2	260.2	-	-	-	6.7	6.4	6.2	117.0	117.5	118.0
36	Newark ⁸	760.1	764.1	747.7	.6	.6	.6	35.0	34.1	34.1	257.6	258.9	258.0
37	Paterson-Clifton-Passaic ⁸	451.0	453.8	438.0	.4	.4	.4	25.2	24.8	24.9	181.7	183.0	178.8
38	Perth Amboy ⁸	233.9	236.7	224.9	.8	.8	.8	12.5	11.8	11.2	105.1	106.4	104.2
39	Trenton	123.8	124.3	122.7	(1)	(1)	(1)	4.8	4.6	4.4	41.2	41.7	42.6
40	NEW MEXICO	279.6	279.8	278.1	16.4	16.7	16.4	18.6	17.4	19.8	18.8	19.0	19.0
41	Albuquerque	99.9	99.5	98.0	(1)	(1)	(1)	6.7	6.6	7.3	8.2	8.3	8.8
42	NEW YORK	6,911.7	6,928.0	6,763.0	9.6	9.4	9.8	286.8	280.9	285.5	1,883.1	1,906.8	1,895.9
43	Albany-Schenectady-Troy	265.9	264.3	260.8	(1)	(1)	(1)	14.8	14.3	14.8	64.9	65.1	67.1
44	Binghamton	104.4	106.0	103.4	(1)	(1)	(1)	5.4	5.5	4.7	46.1	46.8	47.8
45	Buffalo	477.2	485.0	469.6	(1)	(1)	(1)	23.1	21.9	22.9	172.6	179.3	175.9
46	Elmira	40.1	39.7	37.5	(1)	(1)	(1)	2.3	2.1	2.0	17.9	17.7	16.1
47	Monroe County ⁹	295.6	291.6	279.6	(1)	(1)	(1)	17.0	15.4	15.4	135.7	133.8	130.5
48	Nassau and Suffolk Counties ¹⁰	654.3	656.3	619.9	(1)	(1)	(1)	46.4	45.7	41.4	156.1	156.5	149.9
49	New York-Northeastern New Jersey	6,388.8	6,425.7	6,233.1	5.3	5.3	5.0	258.0	254.1	250.0	1,758.7	1,780.8	1,756.0
50	New York SMSA ⁸	4,683.1	4,709.9	4,562.3	3.4	3.5	3.2	178.6	177.0	173.6	1,097.3	1,115.0	1,097.0
51	New York City ¹⁰	3,686.6	3,714.0	3,613.1	2.8	2.8	2.5	111.6	111.5	110.4	850.4	867.9	857.7
52	Rochester	332.5	330.0	318.3	(1)	(1)	(1)	18.7	17.9	16.9	148.2	146.1	143.4
53	Rockland County ¹⁰	51.4	49.9	50.8	(1)	(1)	(1)	3.6	3.3	3.7	13.1	13.0	14.4
54	Syracuse	214.9	216.6	212.0	(1)	(1)	(1)	12.4	12.5	12.9	65.6	66.1	70.9
55	Utica-Rome	112.8	112.9	111.3	(1)	(1)	(1)	4.3	4.0	4.2	41.6	42.4	41.5
56	Westchester County ¹⁰	290.8	289.8	278.5	(1)	(1)	(1)	17.0	16.5	18.2	77.7	77.6	74.9

See footnotes at end of table. NOTE: Data for the current month are preliminary.

**ESTABLISHMENT DATA
STATE AND AREA EMPLOYMENT**

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

(In thousands)

Transportation and public utilities			Wholesale and retail trade			Finance, insurance, and real estate			Services			Government			
July 1967	June 1967	July 1966	July 1967	June 1967	July 1966	July 1967	June 1967	July 1966	July 1967	June 1967	July 1966	July 1967	June 1967	July 1966	
143.4	143.1	142.2	545.6	550.0	534.7	102.8	102.1	99.4	371.5	373.3	347.1	439.3	443.9	411.9	1
1.8	1.8	1.8	10.9	11.2	10.3	1.9	1.9	1.9	8.3	8.3	7.9	31.8	31.9	29.8	2
2.6	2.6	2.6	9.3	9.3	8.8	3.3	3.3	3.1	6.4	6.3	6.3	7.7	7.8	7.6	3
1.6	1.6	1.5	6.6	6.6	6.5	.7	.7	.7	3.6	3.7	3.7	3.1	3.0	2.9	4
76.5	76.5	74.3	289.6	291.8	279.7	61.6	61.4	59.8	190.9	192.5	178.1	159.0	162.1	149.9	5
4.8	4.9	5.1	22.6	22.9	23.3	3.6	3.6	3.6	15.2	15.2	14.4	16.2	16.7	15.6	6
9.9	10.0	9.9	35.9	36.2	34.4	6.6	6.6	6.2	21.8	22.2	21.0	14.3	15.3	13.8	7
3.7	3.7	3.7	8.0	8.0	7.8	1.2	1.2	1.3	4.6	4.6	4.6	6.0	6.1	5.8	8
2.4	2.4	2.3	11.8	11.9	11.3	2.0	2.0	1.9	7.9	7.8	7.7	10.3	10.5	9.6	9
3.3	3.3	3.3	20.1	20.2	19.2	4.2	4.1	3.7	13.3	13.3	12.5	33.3	36.7	31.8	10
2.6	2.5	2.3	8.0	8.0	7.5	1.3	1.3	1.2	4.8	4.8	4.8	4.7	4.9	4.4	11
4.5	4.5	4.7	12.7	12.8	12.8	1.8	1.8	1.7	7.4	7.4	7.4	6.8	6.6	6.5	12
87.0	86.3	81.5	283.0	283.2	275.0	56.5	55.6	54.9	179.6	181.0	172.4	209.6	213.4	200.7	13
9.4	9.1	9.3	12.8	12.8	12.5	1.9	1.9	1.9	9.6	9.5	9.8	9.6	9.8	8.9	14
55.6	55.1	51.1	170.0	170.7	165.1	41.8	41.0	40.3	116.7	116.7	110.9	94.2	96.3	88.9	15
27.0	27.2	27.3	101.7	101.5	97.7	18.3	18.3	17.8	62.1	61.8	62.3	115.1	116.7	110.5	16
5.2	5.2	5.1	18.2	18.2	18.1	5.9	5.9	5.7	13.1	13.2	13.3	18.0	18.7	17.0	17
123.4	124.3	117.4	350.3	349.0	344.7	87.6	86.6	84.9	235.5	239.8	229.3	250.4	258.7	240.2	18
49.3	49.2	42.2	116.5	116.2	112.5	31.1	30.9	30.1	70.2	70.0	66.8	60.6	61.2	58.4	19
2.2	2.2	2.3	7.9	7.9	8.0	1.3	1.3	1.3	4.0	4.0	4.0	4.0	3.8	3.8	20
67.1	67.7	67.5	181.9	183.0	177.1	45.5	45.0	43.9	137.0	137.8	130.1	111.6	114.3	105.1	21
4.1	4.1	4.2	11.6	11.6	11.2	2.1	2.1	1.9	8.4	8.3	7.9	6.7	7.1	6.2	22
18.1	17.9	18.5	46.7	45.9	45.4	7.6	7.5	7.4	28.8	27.9	28.8	51.1	52.1	49.1	23
2.8	2.8	2.6	8.2	8.1	8.0	1.4	1.5	1.4	5.1	5.1	5.0	4.2	4.3	4.5	24
2.1	2.1	2.2	6.3	6.2	6.0	1.3	1.3	1.2	4.0	3.9	4.1	4.9	4.6	4.4	25
38.0	37.5	37.4	110.5	111.2	109.0	27.1	27.0	26.3	72.1	73.1	69.7	90.1	90.8	89.3	26
21.3	21.2	21.0	47.5	47.9	46.6	15.3	15.3	15.0	29.7	30.3	29.0	26.8	26.5	25.3	27
11.6	11.5	11.6	32.3	31.6	32.0	6.4	6.4	6.2	70.6	67.2	66.4	31.6	32.5	30.0	28
5.4	5.4	5.3	15.4	15.0	15.4	3.1	3.1	3.0	43.4	42.4	40.4	13.0	13.6	12.3	29
4.4	4.4	4.3	11.0	10.7	10.6	2.6	2.6	2.5	16.9	16.0	16.2	8.7	8.7	8.0	30
10.5	10.3	9.9	45.3	44.2	43.0	9.4	9.2	8.7	49.4	41.0	47.8	28.4	29.2	27.0	31
3.1	3.1	3.0	10.9	11.0	10.1	2.9	2.8	2.8	7.2	7.3	6.8	3.6	3.8	3.6	32
163.8	165.5	161.1	488.4	487.1	467.1	108.7	107.2	105.1	358.1	352.2	342.7	320.6	327.5	307.4	33
3.5	3.5	3.5	21.2	18.0	20.2	2.9	2.9	2.9	16.4	14.6	17.5	10.5	10.5	10.4	34
35.1	35.2	35.9	39.3	39.8	37.7	8.4	8.3	8.6	26.1	26.1	25.6	28.1	27.9	28.2	35
56.3	56.5	54.1	145.5	147.4	143.7	52.0	51.5	50.3	119.6	119.1	116.5	93.5	96.0	90.4	36
24.7	24.8	23.4	100.3	101.6	96.5	15.4	15.2	15.0	59.8	59.8	57.7	43.5	44.2	41.3	37
10.5	10.8	10.8	42.3	43.0	38.4	5.0	4.9	4.9	23.5	23.4	22.3	34.2	35.6	32.3	38
6.7	6.8	6.6	20.1	20.2	19.5	4.6	4.6	4.5	21.5	21.7	21.3	24.9	24.7	23.8	39
20.1	20.0	20.3	59.8	58.9	58.7	11.4	11.3	11.6	53.3	52.8	52.5	81.2	83.7	79.8	40
6.9	6.8	6.7	24.6	24.2	23.9	5.7	5.7	5.7	23.8	23.6	22.7	24.0	24.3	22.9	41
494.1	493.4	479.2	1,387.6	1,402.1	1,366.8	533.8	525.6	518.4	1,251.2	1,240.4	1,200.8	1,065.5	1,069.3	1,006.7	42
15.3	15.1	15.3	52.2	52.4	51.7	10.0	9.8	9.8	42.3	42.2	40.9	66.2	65.4	61.3	43
4.9	4.8	4.9	17.0	17.1	16.8	3.0	3.0	2.9	11.5	11.2	11.1	16.5	17.6	15.2	44
33.1	32.7	32.5	93.5	94.0	91.6	17.8	17.6	17.3	69.1	68.7	65.7	67.9	70.7	63.7	45
1.6	1.6	1.7	6.9	7.0	6.9	1.0	1.0	1.0	5.6	5.5	5.4	4.8	4.9	4.4	46
11.3	11.0	11.3	51.0	51.8	47.5	10.1	9.9	9.7	41.7	41.2	38.3	28.8	28.5	27.0	47
25.4	26.1	25.2	163.0	164.8	152.7	27.7	27.3	26.2	120.2	117.0	114.3	115.5	118.8	110.3	48
501.3	503.0	484.5	1,313.8	1,333.8	1,279.2	538.6	530.6	522.3	1,133.6	1,136.8	1,095.4	879.5	881.3	840.7	49
374.7	375.6	360.3	986.5	1,002.0	962.9	457.8	450.7	443.6	904.5	908.3	873.3	680.2	677.6	648.5	50
329.5	329.3	316.1	750.3	763.3	740.9	415.0	408.6	402.8	712.5	721.8	693.0	514.4	508.8	489.6	51
13.1	12.7	13.0	57.1	58.6	54.9	11.0	10.7	10.5	45.9	45.3	42.7	38.5	38.8	37.0	52
2.5	2.6	2.4	9.0	8.9	8.3	2.1	2.0	1.9	9.1	8.4	8.6	11.9	11.6	11.5	53
14.1	13.8	13.5	45.1	45.1	44.0	10.8	10.7	10.1	34.0	34.1	32.0	33.0	34.3	28.6	54
5.3	5.3	5.4	18.6	18.5	18.1	4.2	4.2	4.1	13.8	13.5	13.4	25.0	24.9	24.7	55
17.3	17.6	16.6	64.2	65.0	61.0	13.0	12.8	12.6	63.3	61.8	58.1	38.4	38.4	37.2	56

**ESTABLISHMENT DATA
STATE AND AREA EMPLOYMENT**

B-7: Employees on nonagricultural payrolls

(In thousands)

State and area	TOTAL			Mining			Contract construction			Manufacturing		
	July 1967	June 1967	July 1966	July 1967	June 1967	July 1966	July 1967	June 1967	July 1966	July 1967	June 1967	July 1966
1 NORTH CAROLINA	1,501.0	1,520.1	1,494.7	3.6	3.5	3.2	92.6	91.9	96.2	628.7	632.9	631.6
2 Asheville	-	-	-	-	-	-	-	-	-	19.6	19.7	20.9
3 Charlotte	152.8	153.6	149.9	(1)	(1)	(1)	11.3	11.4	11.6	38.5	38.6	38.9
4 Greensboro-High Point	-	-	-	-	-	-	7.9	7.8	8.5	50.8	50.7	50.9
5 Raleigh	-	-	-	-	-	-	-	-	-	14.5	14.7	14.1
6 Winston-Salem	-	-	-	-	-	-	-	-	-	39.2	38.5	35.0
7 NORTH DAKOTA	153.7	153.9	152.8	2.0	2.0	2.0	12.3	11.3	12.0	8.9	8.7	9.4
8 Fargo-Moorhead	35.8	36.3	34.2	(1)	(1)	(1)	3.5	3.2	2.5	2.5	2.5	2.4
9 OHIO	3,590.0	3,617.9	3,537.3	20.1	19.8	19.2	180.4	159.5	173.8	1,362.4	1,384.6	1,395.7
10 Akron	218.4	217.9	221.3	.3	.3	.3	9.0	6.4	8.6	86.0	86.2	94.1
11 Canton	126.9	126.1	126.9	.3	.3	.3	5.6	4.3	5.3	60.8	60.5	62.7
12 Cincinnati	470.4	471.2	455.5	.5	.5	.5	23.1	20.4	22.0	162.8	165.4	160.7
13 Cleveland	806.1	814.6	800.3	1.1	1.0	1.0	36.6	31.6	36.5	297.0	310.1	310.3
14 Columbus	334.2	333.8	320.3	.9	.8	.8	18.3	13.1	18.6	82.1	83.2	79.9
15 Dayton	308.2	308.8	297.0	.6	.6	.6	13.6	12.0	13.5	125.9	125.8	123.8
16 Toledo	220.0	226.3	213.7	.4	.4	.4	11.4	10.0	11.1	75.8	78.5	77.5
17 Youngstown-Warren	183.7	182.0	183.2	.4	.4	.4	8.4	5.1	8.4	84.6	85.5	87.6
18 OKLAHOMA	697.7	704.2	682.4	41.5	41.1	43.1	35.4	35.1	37.1	115.1	114.7	115.7
19 Oklahoma City	221.9	224.9	220.8	6.7	7.0	7.1	12.0	11.6	13.1	30.4	30.5	30.6
20 Tulsa	166.8	166.1	163.4	13.3	13.4	13.5	10.2	10.0	10.2	40.5	40.2	40.2
21 OREGON	658.9	664.9	648.4	1.8	1.7	1.8	33.7	32.7	37.8	169.8	167.2	174.6
22 Eugene	61.0	63.2	62.5	(1)	(1)	(1)	4.2	4.0	4.0	18.7	18.2	20.5
23 Portland	345.7	348.9	336.9	(1)	(1)	(1)	16.5	16.0	16.8	83.2	83.2	83.8
24 PENNSYLVANIA	4,142.4	4,161.3	4,114.2	42.3	42.6	42.7	197.8	191.8	201.9	1,532.4	1,541.2	1,574.7
25 Allentown-Bethlehem-Easton	208.1	209.3	204.5	.4	.4	.4	10.2	9.5	9.0	103.2	104.3	105.9
26 Altoona	44.2	44.6	44.9	(1)	(1)	(1)	1.8	1.8	1.7	14.5	14.5	14.7
27 Erie	91.0	91.0	91.7	(1)	(1)	(1)	4.3	4.2	4.2	42.6	42.5	44.5
28 Harrisburg	163.4	163.5	163.0	(1)	(1)	(1)	8.0	7.9	8.2	39.5	39.5	39.4
29 Johnstown	77.5	77.8	77.2	4.8	4.9	5.3	3.4	3.3	3.0	26.0	26.3	27.4
30 Lancaster	113.9	110.2	110.8	(1)	(1)	(1)	6.4	6.4	6.8	55.2	51.0	55.4
31 Philadelphia	1,701.0	1,713.8	1,668.7	1.5	1.4	1.3	90.3	86.3	87.5	571.8	575.3	578.2
32 Pittsburgh	828.4	834.4	835.9	9.1	9.3	8.9	35.2	36.1	44.0	285.3	286.8	298.5
33 Reading	114.3	116.3	113.3	(1)	(1)	(1)	4.8	4.7	4.4	54.3	54.8	55.4
34 Scranton	84.9	84.7	82.1	.4	.5	.5	2.8	2.7	2.6	34.8	35.0	34.1
35 Wilkes-Barre-Hazleton	116.4	117.8	115.1	3.1	3.1	3.4	5.8	5.6	5.3	50.4	52.1	52.6
36 York	118.1	119.1	115.9	(1)	(1)	(1)	6.2	6.0	5.9	57.4	58.1	58.1
37 RHODE ISLAND	330.8	334.0	330.8	(1)	(1)	(1)	15.9	15.8	15.6	123.1	126.0	127.2
38 Providence-Pawtucket-Warwick	345.3	349.1	341.7	(1)	(1)	(1)	15.7	15.6	15.5	142.9	146.5	144.4
39 SOUTH CAROLINA	742.5	741.8	740.9	1.7	1.7	1.7	47.8	47.3	51.3	317.8	319.4	318.1
40 Charleston	81.8	80.8	78.0	(1)	(1)	(1)	5.9	5.8	6.0	14.3	14.2	13.2
41 Columbia	89.5	89.3	87.3	(1)	(1)	(1)	6.3	6.2	7.4	18.3	18.4	18.2
42 Greenville	107.8	108.9	108.2	(1)	(1)	(1)	9.7	9.7	10.1	51.8	52.7	53.4
43 SOUTH DAKOTA	158.9	158.6	158.7	2.3	2.2	2.4	11.1	9.8	8.6	14.6	14.6	14.5
44 Sioux Falls	32.5	32.5	31.3	(1)	(1)	(1)	1.3	1.2	1.3	5.6	5.6	5.6
45 TENNESSEE	1,220.8	1,214.9	1,206.3	7.0	7.0	7.3	68.3	68.1	71.2	427.2	425.0	430.3
46 Chattanooga	118.9	118.2	115.8	.2	.2	.2	6.1	4.9	6.5	50.5	50.4	49.8
47 Knoxville	137.8	137.2	137.2	1.7	1.7	1.8	5.8	5.8	6.9	46.8	46.4	47.9
48 Memphis	243.8	242.5	237.9	.3	.3	.4	15.3	15.6	13.5	55.5	53.5	53.3
49 Nashville	207.3	205.9	202.4	(1)	(1)	(1)	12.8	12.7	13.2	60.1	59.8	60.0
50 TEXAS	3,276.3	3,260.3	3,107.2	108.4	107.2	110.2	213.7	213.2	194.7	653.1	650.5	635.1
51 Amarillo	-	-	-	-	-	-	-	-	-	5.1	5.1	4.9
52 Austin	-	-	-	-	-	-	-	-	-	7.3	7.2	6.8
53 Beaumont-Port Arthur	-	-	-	-	-	-	-	-	-	33.6	33.4	35.0
54 Corpus Christi	-	-	-	-	-	-	-	-	-	10.8	10.8	10.5

See footnotes at end of table. NOTE: Data for the current month are preliminary.

**ESTABLISHMENT DATA
STATE AND AREA EMPLOYMENT**

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

(In thousands)

Transportation and public utilities			Wholesale and retail trade			Finance, insurance, and real estate			Services			Government			
July 1967	June 1967	July 1966	July 1967	June 1967	July 1966	July 1967	June 1967	July 1966	July 1967	June 1967	July 1966	July 1967	June 1967	July 1966	
80.1	79.8	76.9	267.5	267.3	267.5	58.3	57.7	56.4	172.2	171.2	164.5	198.0	215.8	198.4	1
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2
16.1	16.1	15.1	39.7	39.4	38.7	10.2	10.2	9.9	21.1	21.2	20.4	15.9	16.7	15.3	3
6.0	6.0	6.0	23.7	23.6	23.3	7.3	7.2	7.0	-	-	-	-	-	-	4
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	5
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	6
12.7	12.6	12.5	42.9	42.8	42.7	6.6	6.6	6.6	26.7	26.6	25.3	41.6	43.3	42.2	7
2.9	2.9	2.9	10.7	10.8	10.7	2.1	2.1	2.1	6.6	6.6	6.5	7.4	8.1	7.1	8
214.2	211.1	210.8	706.5	705.0	680.2	140.9	139.4	136.9	470.8	479.5	455.0	494.8	519.0	465.8	9
13.8	14.0	13.9	46.1	45.9	43.9	6.3	6.2	6.1	28.6	29.1	27.2	28.2	29.9	27.3	10
6.7	6.9	6.4	23.1	23.0	22.3	4.4	4.3	4.3	15.0	15.4	15.1	10.9	11.5	10.5	11
34.0	33.6	34.3	97.5	97.3	93.4	24.5	24.0	23.8	65.4	66.9	63.9	62.7	63.1	56.9	12
52.2	50.0	50.1	167.5	167.7	160.8	38.6	38.1	37.1	114.7	116.3	111.6	98.5	99.8	92.9	13
20.1	20.1	19.3	70.4	70.4	67.2	21.0	20.9	20.3	52.0	52.8	48.8	69.2	72.5	65.4	14
12.0	12.1	11.5	54.7	55.0	51.7	8.7	8.6	8.1	38.8	39.3	36.7	53.9	55.4	51.1	15
16.4	16.3	16.3	48.8	49.0	46.5	7.5	7.4	7.1	32.7	33.4	30.7	27.1	31.4	24.1	16
10.4	10.4	10.1	33.7	33.6	32.1	5.0	4.9	4.8	25.1	25.6	23.8	16.1	16.5	16.1	17
49.1	48.9	49.2	155.9	157.5	153.8	33.9	34.0	32.9	96.2	95.9	92.7	170.6	177.0	157.9	18
14.4	14.3	14.3	51.0	51.1	51.2	13.7	13.6	13.6	31.9	31.8	31.4	61.8	65.0	59.5	19
15.2	15.2	14.9	38.8	38.5	37.5	8.3	8.3	7.9	24.9	24.9	24.5	15.6	15.6	14.7	20
49.2	49.0	48.2	150.3	148.9	146.0	31.5	31.4	29.5	98.7	99.3	92.3	123.9	134.7	118.2	21
4.0	4.0	4.0	12.2	12.1	12.4	2.4	2.3	2.4	8.0	8.0	7.8	11.5	14.6	11.4	22
30.4	30.3	29.7	86.6	86.2	83.3	21.2	21.2	20.2	54.1	54.6	51.3	53.7	57.4	51.8	23
267.2	268.4	267.3	753.0	761.3	744.0	174.4	172.4	168.8	613.6	612.5	587.5	561.7	571.1	527.3	24
11.3	11.5	11.1	33.8	34.3	31.4	6.0	5.9	5.7	25.2	25.4	23.9	18.0	18.0	17.1	25
6.7	6.9	8.0	7.7	7.7	7.6	1.1	1.1	1.1	6.6	6.7	6.5	5.8	5.9	5.3	26
5.2	5.1	5.2	15.4	15.4	15.4	2.9	2.9	2.8	11.7	11.7	11.3	8.9	9.2	8.3	27
11.9	11.9	12.2	31.0	30.9	30.0	7.5	7.5	7.0	23.6	23.8	22.6	41.9	42.0	43.6	28
5.7	5.6	5.6	12.7	12.7	12.4	2.0	1.9	1.9	11.8	11.9	10.7	11.1	11.2	10.9	29
5.0	5.0	4.8	20.3	20.3	19.3	2.7	2.7	2.5	16.1	16.0	14.0	8.2	8.8	8.0	30
111.0	110.9	109.7	323.2	328.3	325.5	90.5	89.1	88.7	273.9	276.5	257.1	238.8	246.0	220.7	31
55.7	55.7	56.4	167.1	169.4	162.4	35.4	35.4	34.6	143.2	143.2	137.9	97.4	98.5	93.2	32
6.4	6.4	6.3	17.8	18.5	17.4	4.4	4.4	4.3	15.1	15.4	14.6	11.5	12.1	10.9	33
5.8	5.8	5.8	16.2	16.2	15.5	2.6	2.6	2.6	12.8	12.7	12.1	9.5	9.2	8.9	34
6.2	6.2	6.0	18.8	19.0	18.9	3.6	3.5	3.4	14.4	14.1	12.4	14.1	14.2	13.1	35
5.6	5.7	5.4	20.6	20.5	19.7	2.6	2.6	2.6	13.4	13.4	12.9	12.3	12.8	11.3	36
15.2	15.2	14.6	61.0	61.8	59.9	13.8	13.8	13.8	51.8	51.6	51.3	50.0	49.8	48.4	37
15.1	15.0	14.3	60.8	61.6	59.8	13.9	13.9	13.9	51.1	50.9	49.6	45.8	45.6	44.2	38
31.1	30.4	31.0	121.9	121.3	121.1	25.3	25.1	25.0	76.5	76.1	76.1	120.4	120.5	116.6	39
5.7	5.3	5.3	15.9	15.8	15.7	3.1	3.1	3.2	9.6	9.4	9.3	27.3	27.2	25.3	40
5.7	5.7	5.5	18.9	18.9	18.8	5.5	5.4	5.2	10.9	10.9	10.6	23.9	23.8	21.6	41
4.2	4.2	4.1	18.1	18.1	17.5	4.0	4.0	3.9	11.0	11.0	11.0	9.0	9.2	8.2	42
9.9	9.9	10.1	41.9	41.4	43.2	7.0	7.0	7.0	28.6	28.6	26.8	43.7	45.2	46.3	43
2.8	2.8	2.8	10.9	10.8	9.7	2.1	2.1	1.9	5.7	5.8	5.6	4.2	4.3	4.3	44
60.6	60.4	60.4	237.8	236.2	232.7	50.0	49.7	48.4	157.5	157.7	155.5	212.4	210.8	200.5	45
6.0	6.0	5.8	21.1	20.9	20.8	6.4	6.3	6.0	14.0	13.9	13.6	14.6	15.6	13.1	46
7.0	7.0	7.0	29.0	29.0	29.0	4.4	4.4	4.4	17.4	17.3	17.0	25.7	25.6	23.2	47
17.7	17.8	17.6	61.2	61.3	60.2	13.3	13.2	13.0	38.1	38.1	37.1	42.4	42.7	40.8	48
12.2	12.1	11.8	44.4	44.2	43.3	13.2	12.8	12.7	32.8	32.6	31.4	31.8	31.7	30.0	49
251.2	251.5	237.1	785.9	779.4	754.7	169.9	168.5	161.9	500.1	496.0	468.5	594.0	594.0	545.0	50
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	51
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	52
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	53
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	54

**ESTABLISHMENT DATA
STATE AND AREA EMPLOYMENT**

B-7: Employees on nonagricultural payrolls

(In thousands)

	State and area	TOTAL			Mining			Contract construction			Manufacturing		
		July 1967	June 1967	July 1966	July 1967	June 1967	July 1966	July 1967	June 1967	July 1966	July 1967	June 1967	July 1966
1	TEXAS (continued)												
2	Dallas	545.4	540.9	516.2	7.8	7.8	8.0	33.9	32.8	33.0	142.9	141.6	134.9
3	El Paso	-	-	-	-	-	-	-	-	-	20.5	20.4	18.9
4	Fort Worth	-	-	-	-	-	-	-	-	-	84.3	82.1	72.8
5	Galveston-Texas City	-	-	-	-	-	-	-	-	-	10.4	10.2	10.6
6	Houston	636.8	633.2	597.7	25.7	25.4	24.7	63.1	62.3	43.7	129.8	129.2	127.9
7	Lubbock	-	-	-	-	-	-	-	-	-	6.2	6.2	6.7
8	San Antonio	227.6	226.8	217.8	1.2	1.2	1.3	15.9	15.7	14.8	27.3	27.2	26.6
9	Waco	-	-	-	-	-	-	-	-	-	11.1	12.4	12.0
10	Wichita Falls	-	-	-	-	-	-	-	-	-	3.7	3.8	3.5
11	UTAH	336.3	333.9	322.3	12.0	12.2	12.0	16.2	15.8	18.0	51.8	50.6	51.9
12	Salt Lake City	176.2	175.7	172.3	7.3	7.2	7.0	10.1	10.0	11.0	28.7	28.5	28.9
13	VERMONT	141.0	134.7	135.1	1.2	1.2	1.2	8.7	8.4	7.8	44.7	44.6	43.5
14	Burlington ¹¹	33.5	32.1	30.9	-	-	-	-	-	-	9.8	9.5	9.1
15	Springfield ¹¹	14.4	14.1	13.8	-	-	-	-	-	-	7.5	7.5	7.2
16	VIRGINIA ³	1,335.3	1,345.4	1,289.9	15.6	15.5	14.7	102.5	101.8	102.2	334.8	341.1	339.2
17	Lynchburg	47.5	47.6	47.1	(1)	(1)	(1)	3.5	3.4	3.3	21.1	21.0	21.7
18	Newport News-Hampton	85.3	90.6	86.0	(1)	(1)	(1)	5.8	5.8	5.2	22.1	27.4	26.1
19	Norfolk-Portsmouth	185.7	186.1	180.0	.1	.1	.1	13.9	13.8	14.2	19.8	19.4	20.1
20	Richmond	214.1	214.7	208.6	.2	.2	.2	17.2	16.9	16.3	50.0	50.6	49.9
21	Roanoke	73.2	72.8	71.7	.1	.1	.1	5.0	4.9	5.4	17.9	17.8	17.3
22	WASHINGTON	1,050.7	1,054.9	1,006.1	1.8	1.8	1.8	59.9	58.2	61.5	283.8	281.3	279.0
23	Seattle-Everett	520.5	519.1	490.6	(1)	(1)	(1)	27.8	27.2	28.8	167.5	166.0	160.6
24	Spokane	80.6	80.5	80.6	(1)	(1)	(1)	4.4	3.8	5.0	12.0	11.9	13.7
25	Tacoma	101.8	101.1	94.9	(1)	(1)	(1)	5.5	5.3	5.1	21.0	20.5	20.9
26	WEST VIRGINIA	508.7	505.5	504.2	47.7	48.1	48.1	28.3	27.9	28.2	132.1	132.2	132.8
27	Charleston	85.5	86.4	83.5	3.6	3.6	3.4	5.0	4.9	4.4	22.5	23.4	22.7
28	Huntington-Ashland	81.4	81.3	80.5	.8	.8	.8	4.6	4.6	4.9	27.0	27.1	26.9
29	Wheeling	54.6	54.1	55.3	3.1	3.1	2.8	2.5	2.1	3.7	17.3	17.1	16.7
30	WISCONSIN	1,452.6	1,461.0	1,408.9	3.1	3.0	3.2	73.1	71.3	72.6	511.2	513.3	514.4
31	Green Bay	49.1	49.1	47.7	(1)	(1)	(1)	2.7	2.6	2.6	16.5	16.4	16.1
32	Kenosha	30.9	33.2	28.1	(1)	(1)	(1)	1.5	1.4	1.5	14.7	16.5	11.4
33	La Crosse	28.3	28.0	27.5	(1)	(1)	(1)	1.4	1.4	1.3	9.4	9.3	9.3
34	Madison	104.8	104.8	99.2	(1)	(1)	(1)	7.0	6.4	7.2	16.3	16.0	16.1
35	Milwaukee	532.6	542.2	521.5	(1)	(1)	(1)	26.3	25.9	23.5	202.1	208.1	207.2
36	Racine	53.8	54.7	53.4	(1)	(1)	(1)	2.1	2.1	2.5	25.9	26.4	26.1
37	WYOMING	106.5	104.2	107.7	9.1	9.0	9.3	6.8	6.4	8.4	7.7	7.5	6.8
38	Casper	16.8	16.6	17.4	2.8	2.8	2.8	1.1	1.0	1.2	1.3	1.3	1.5
	Cheyenne	19.0	18.9	18.2	(1)	(1)	(1)	1.6	1.5	1.6	1.8	1.8	.9

¹Combined with service.
²Combined with construction.
³Federal employment in Maryland and Virginia sectors of the Washington Standard Metropolitan Statistical Area
⁴Area included in data for the District of Columbia.
⁵Area included in Chicago-Northwestern Indiana Standard Consolidated Area.
⁶Not available.
⁷Series revised to 1966 benchmark; not strictly comparable with previously published data.
⁸Combined with manufacturing.
⁹Area included in New York-Northeastern New Jersey Standard Consolidated Area.
¹⁰Subarea of Rochester Standard Metropolitan Statistical Area.
¹¹Subarea of New York Standard Metropolitan Statistical Area.
¹²Total includes data for industry divisions not shown separately.
NOTE: Data for the current month are preliminary.
SOURCE: Cooperating State agencies listed on inside back cover.

**ESTABLISHMENT DATA
STATE AND AREA EMPLOYMENT**

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

(In thousands)

Transportation and public utilities			Wholesale and retail trade			Finance, insurance, and real estate			Services			Government			
July 1967	June 1967	July 1966	July 1967	June 1967	July 1966	July 1967	June 1967	July 1966	July 1967	June 1967	July 1966	July 1967	June 1967	July 1966	
45.9	45.3	42.8	145.4	144.8	138.7	43.4	43.3	41.6	76.0	75.2	70.8	50.2	50.1	46.6	1
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	3
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	4
59.5	59.7	59.0	171.8	170.1	161.7	31.8	31.7	31.2	90.1	90.1	87.3	65.0	64.7	62.2	5
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	6
10.2	10.2	10.2	55.3	55.1	53.1	14.1	14.1	13.6	38.5	38.5	35.4	65.1	64.8	62.8	7
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	8
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	9
23.6	23.4	22.5	72.8	72.8	70.8	13.2	13.1	13.1	47.3	46.9	45.0	99.4	99.1	89.0	10
14.8	14.5	14.4	46.0	46.1	44.7	9.9	9.9	10.0	26.7	26.7	25.6	32.7	32.8	30.7	11
7.7	7.7	7.5	25.0	24.5	24.0	4.8	4.8	4.7	28.6	23.6	27.0	20.4	20.1	19.4	12
1.8	1.8	1.8	6.5	6.5	6.4	-	-	-	-	-	-	-	-	-	13
.8	.8	.8	1.9	1.9	1.8	-	-	-	-	-	-	-	-	-	14
92.7	92.3	86.0	278.2	278.2	265.4	60.8	60.5	58.2	187.3	187.1	180.3	263.4	268.9	243.9	15
2.5	2.5	2.5	7.8	7.8	7.6	1.9	1.8	1.8	5.7	5.8	5.4	5.0	5.3	4.8	16
4.1	4.2	4.0	13.8	13.8	13.6	2.6	2.6	2.6	9.8	9.5	9.4	27.1	27.3	25.1	17
15.8	15.8	15.5	44.9	44.6	42.9	7.8	7.8	7.8	25.1	25.0	25.4	58.3	59.6	54.0	18
17.1	17.0	16.9	49.0	48.8	47.5	16.3	16.1	16.1	29.0	29.1	28.2	35.3	36.0	33.5	19
9.9	9.7	9.7	16.4	16.4	16.3	3.4	3.3	3.3	11.4	11.4	11.0	9.1	9.2	8.6	20
71.5	70.9	66.7	226.8	227.1	214.9	50.5	50.1	48.9	147.3	144.9	135.1	209.1	220.6	198.2	21
38.3	37.0	34.1	111.2	110.5	103.5	29.7	29.2	28.4	70.7	69.1	64.8	75.3	80.1	70.4	22
7.6	7.5	7.7	22.1	22.1	21.5	4.5	4.3	4.3	15.1	15.2	14.5	14.9	15.7	13.9	23
6.4	6.4	6.1	22.4	22.0	20.4	5.1	5.0	4.7	16.0	15.7	14.2	25.4	26.2	23.5	24
42.2	42.1	41.6	88.3	88.1	87.4	14.7	14.6	14.4	59.7	59.9	59.2	95.6	92.7	92.3	25
9.1	9.1	8.8	17.9	17.9	17.0	3.7	3.7	3.5	10.4	10.5	10.2	13.6	13.6	13.6	26
8.2	8.2	8.2	17.0	17.0	16.5	2.9	2.9	2.9	9.4	9.4	9.3	11.7	11.5	11.3	27
4.0	4.0	3.9	11.8	11.9	11.9	2.0	2.0	2.0	8.4	8.5	8.3	5.8	5.7	6.2	28
77.1	78.4	77.1	304.4	304.4	289.1	57.7	56.8	54.4	203.7	202.4	189.9	222.4	231.3	208.2	29
4.3	4.3	4.3	11.4	11.3	11.3	1.4	1.4	1.4	7.9	7.9	7.4	4.9	5.2	4.6	30
1.1	1.2	1.2	5.3	5.4	5.7	.7	.7	.7	4.3	4.4	4.3	3.4	3.6	3.2	31
2.0	2.0	2.1	6.6	6.4	6.2	.6	.6	.6	4.8	4.8	4.7	3.5	3.5	3.3	32
5.3	5.3	5.1	21.5	21.6	20.3	6.1	6.0	5.2	15.0	14.8	13.9	33.8	34.8	31.4	33
29.2	30.0	29.5	112.1	113.4	107.1	26.6	26.3	25.2	74.5	74.4	70.2	61.7	64.0	58.9	34
1.9	2.0	2.0	9.7	9.7	9.5	1.4	1.3	1.3	6.8	6.9	6.6	6.0	6.3	5.6	35
10.6	10.4	10.8	23.0	22.2	23.6	3.5	3.5	3.6	16.9	16.6	16.7	28.9	28.6	28.5	36
1.6	1.5	1.7	4.0	3.9	4.1	.8	.8	.8	1.9	1.9	2.0	3.3	3.4	3.3	37
2.7	2.7	2.8	3.8	3.8	3.8	1.0	1.0	1.0	2.8	2.8	2.8	5.3	5.3	5.3	38

ESTABLISHMENT DATA HISTORICAL HOURS AND EARNINGS

C-1: Gross hours and earnings of production or nonsupervisory workers^{1/}
on private nonagricultural payrolls, 1947 to date

Year and month	Average weekly earnings	Average weekly hours	Average hourly earnings	Average weekly earnings	Average weekly hours	Average hourly earnings	Average weekly earnings	Average weekly hours	Average hourly earnings	Average weekly earnings	Average weekly hours	Average hourly earnings
	Total private ¹			Manufacturing			Durable goods			Nondurable goods		
1947.....				\$49.17	40.4	\$1.217	\$51.76	40.5	\$1.278	\$46.03	40.2	\$1.145
1948.....				53.12	40.0	1.328	56.36	40.4	1.395	49.50	39.6	1.250
1949.....				53.88	39.1	1.378	57.25	39.4	1.453	50.38	38.9	1.295
1950.....				58.32	40.5	1.440	62.43	41.1	1.519	53.48	39.7	1.347
1951.....				63.34	40.6	1.56	68.48	41.5	1.65	56.88	39.5	1.44
1952.....				67.16	40.7	1.65	72.63	41.5	1.75	59.95	39.7	1.51
1953.....				70.47	40.5	1.74	76.63	41.2	1.86	62.57	39.6	1.58
1954.....				70.49	39.6	1.78	76.19	40.1	1.90	63.18	39.0	1.62
1955.....				75.70	40.7	1.86	82.19	41.3	1.99	66.63	39.9	1.67
1956.....				78.78	40.4	1.95	85.28	41.0	2.08	70.09	39.6	1.77
1957.....				81.59	39.8	2.05	88.26	40.3	2.19	72.52	39.2	1.85
1958.....				82.71	39.2	2.11	89.27	39.5	2.26	74.11	38.8	1.91
1959.....				88.26	40.3	2.19	96.05	40.7	2.36	78.61	39.7	1.98
1960.....				89.72	39.7	2.26	97.44	40.1	2.43	80.36	39.2	2.05
1961.....				92.34	39.8	2.32	100.35	40.3	2.49	82.92	39.3	2.11
1962.....				96.56	40.4	2.39	104.70	40.9	2.56	85.93	39.6	2.17
1963.....				99.63	40.5	2.46	108.09	41.1	2.63	87.91	39.6	2.22
1964.....	\$91.33	38.7	\$2.36	102.97	40.7	2.53	112.19	41.4	2.71	90.91	39.7	2.29
1965.....	95.06	38.8	2.45	107.53	41.2	2.61	117.18	42.0	2.79	94.64	40.1	2.36
1966.....	98.69	38.7	2.55	112.34	41.3	2.72	122.09	42.1	2.90	98.49	40.2	2.45
1966: August.....	99.71	39.1	2.55	111.78	41.4	2.70	120.96	42.0	2.88	99.23	40.5	2.45
September.....	100.88	38.8	2.60	114.13	41.5	2.75	123.94	42.3	2.93	99.54	40.3	2.47
October.....	100.62	38.7	2.60	113.85	41.4	2.75	124.07	42.2	2.94	99.94	40.3	2.48
November.....	99.84	38.4	2.60	113.99	41.3	2.76	123.77	42.1	2.94	100.10	40.2	2.49
December.....	99.97	38.6	2.59	114.40	41.3	2.77	124.62	42.1	2.96	100.25	40.1	2.50
1967: January.....	99.70	38.2	2.61	113.42	40.8	2.78	122.84	41.5	2.96	99.65	39.7	2.51
February.....	99.30	37.9	2.62	111.88	40.1	2.79	120.77	40.8	2.96	99.18	39.2	2.53
March.....	99.56	38.0	2.62	112.44	40.3	2.79	121.36	41.0	2.96	100.08	39.4	2.54
April.....	99.41	37.8	2.63	112.56	40.2	2.80	121.18	40.8	2.97	100.22	39.3	2.55
May.....	100.06	37.9	2.64	113.52	40.4	2.81	122.89	41.1	2.99	100.73	39.5	2.55
June.....	101.88	38.3	2.66	114.49	40.6	2.82	123.19	41.2	2.99	101.63	39.7	2.56
July.....	102.53	38.4	2.67	113.93	40.4	2.82	122.40	40.8	3.00	102.03	39.7	2.57
August.....	103.06	38.6	2.67	114.49	40.6	2.82	123.30	41.1	3.00	102.80	40.0	2.57
Year and month	Mining			Contract construction			Trade			Finance, insurance, and real estate		
1947.....	\$59.94	40.8	\$1.469	\$58.87	38.2	\$1.541	\$38.07	40.5	\$0.940	\$43.21	37.9	\$1.140
1948.....	65.56	39.4	1.664	65.27	38.1	1.713	40.80	40.4	1.010	45.48	37.9	1.200
1949.....	62.33	36.3	1.717	67.56	37.7	1.792	42.93	40.5	1.060	47.63	37.8	1.260
1950.....	67.16	37.9	1.772	69.68	37.4	1.863	44.55	40.5	1.100	50.52	37.7	1.340
1951.....	74.11	38.4	1.93	76.96	38.1	2.02	47.79	40.5	1.18	54.67	37.7	1.45
1952.....	77.59	38.6	2.01	82.86	38.9	2.13	49.20	40.0	1.23	57.08	37.8	1.51
1953.....	83.03	38.8	2.14	86.41	37.9	2.28	51.35	39.5	1.30	59.57	37.7	1.58
1954.....	82.60	38.6	2.14	88.91	37.2	2.39	53.33	39.5	1.35	62.04	37.6	1.65
1955.....	89.54	40.7	2.20	90.90	37.1	2.45	55.16	39.4	1.40	63.92	37.6	1.70
1956.....	95.06	40.8	2.33	96.38	37.5	2.57	57.48	39.1	1.47	65.68	36.9	1.78
1957.....	98.65	40.1	2.46	100.27	37.0	2.71	59.60	38.7	1.54	67.53	36.7	1.84
1958.....	96.08	38.9	2.47	103.78	36.8	2.82	61.76	38.6	1.60	70.12	37.1	1.89
1959.....	103.68	40.5	2.56	108.41	37.0	2.93	64.41	38.8	1.66	72.74	37.3	1.95
1960.....	105.44	40.4	2.61	113.04	36.7	3.08	66.01	38.6	1.71	75.14	37.2	2.02
1961.....	106.92	40.5	2.64	118.08	36.9	3.20	67.41	38.3	1.76	77.12	36.9	2.09
1962.....	110.43	40.9	2.70	122.47	37.0	3.31	69.91	38.2	1.83	80.94	37.3	2.17
1963.....	114.40	41.6	2.75	127.19	37.3	3.41	72.01	38.1	1.89	84.38	37.5	2.25
1964.....	117.74	41.9	2.81	132.06	37.2	3.55	74.28	37.9	1.96	85.79	37.3	2.30
1965.....	123.52	42.3	2.92	138.38	37.4	3.70	76.53	37.7	2.03	88.91	37.2	2.39
1966.....	130.66	42.7	3.06	145.89	37.6	3.88	79.02	37.1	2.13	92.50	37.3	2.48
1966: August.....	132.32	43.1	3.07	149.77	38.5	3.89	80.73	37.9	2.13	92.13	37.3	2.47
September.....	133.73	43.0	3.11	152.05	38.3	3.97	79.55	37.0	2.15	92.01	37.1	2.48
October.....	135.10	43.3	3.12	152.46	38.5	3.96	79.86	36.8	2.17	93.25	37.3	2.50
November.....	131.66	42.2	3.12	144.14	36.4	3.96	79.57	36.5	2.18	93.00	37.2	2.50
December.....	133.45	42.5	3.14	148.83	37.3	3.99	79.92	37.0	2.16	93.62	37.3	2.51
1967: January.....	134.09	42.3	3.17	149.14	37.1	4.02	80.30	36.5	2.20	94.61	37.1	2.55
February.....	131.14	41.5	3.16	143.60	35.9	4.00	80.22	36.3	2.21	94.98	37.1	2.56
March.....	132.09	41.8	3.16	146.83	36.8	3.99	80.59	36.3	2.22	95.35	37.1	2.57
April.....	134.51	42.3	3.18	147.23	36.9	3.99	80.73	36.2	2.23	95.83	37.0	2.59
May.....	134.09	42.3	3.17	149.54	37.2	4.02	81.09	36.2	2.24	96.20	37.0	2.60
June.....	136.53	42.8	3.19	153.56	38.2	4.02	82.80	36.8	2.25	96.20	37.0	2.60
July.....	140.18	43.4	3.23	157.51	38.7	4.07	84.15	37.4	2.25	97.20	37.1	2.62
August.....	140.51	43.5	3.23	158.69	38.8	4.09	84.00	37.5	2.24	97.09	37.2	2.61

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

NOTE: Data include Alaska and Hawaii beginning 1959. Data for the 2 most recent months are preliminary.

ESTABLISHMENT DATA HOURS AND EARNINGS

C-2: Gross hours and earnings of production workers,¹ by industry

SIC Code	Industry	Average weekly earnings					Average hourly earnings				
		Aug. 1967	July 1967	June 1967	Aug. 1966	July 1966	Aug. 1967	July 1967	June 1967	Aug. 1966	July 1966
-	TOTAL PRIVATE	\$103.06	\$102.53	\$101.88	\$99.71	\$99.84	\$2.67	\$2.67	\$2.66	\$2.55	\$2.56
-	MINING	140.51	140.18	136.53	132.32	131.89	3.23	3.23	3.19	3.07	3.06
10	METAL MINING	-	137.90	137.48	134.62	135.47	-	3.26	3.25	3.19	3.18
101	Iron ores	-	140.34	134.40	138.32	143.99	-	3.31	3.27	3.27	3.31
102	Copper ores	-	142.33	145.08	140.51	139.64	-	3.31	3.32	3.26	3.21
11,12	COAL MINING	-	157.25	154.01	149.33	145.70	-	(*)	3.72	3.66	(*)
12	Bituminous coal and lignite mining	-	158.53	156.38	152.44	148.03	-	(*)	3.75	3.70	(*)
13	OIL AND GAS EXTRACTION	-	133.98	127.56	121.84	124.13	-	3.08	3.03	2.86	2.88
131,2	Crude petroleum and natural gas fields	-	139.03	133.25	125.96	129.68	-	3.35	3.29	3.11	3.14
138	Oil and gas field services	-	129.60	122.82	118.90	119.71	-	2.88	2.83	2.69	2.69
14	NONMETALLIC MINERALS, EXCEPT FUELS	-	133.34	131.96	129.33	128.11	-	2.88	2.85	2.74	2.72
142	Crushed and broken stone	-	133.16	131.04	131.14	130.91	-	2.78	2.73	2.66	2.65
-	CONTRACT CONSTRUCTION	158.69	157.51	153.56	149.77	150.15	4.09	4.07	4.02	3.89	3.85
15	GENERAL BUILDING CONTRACTORS	-	145.43	142.03	138.37	138.01	-	3.92	3.87	3.76	3.72
16	HEAVY CONSTRUCTION CONTRACTORS	-	162.11	154.14	152.34	154.07	-	3.77	3.67	3.61	3.55
161	Highway and street construction	-	163.39	151.87	152.60	154.91	-	3.68	3.54	3.50	3.45
162	Heavy construction, n.e.c.	-	160.63	156.62	152.25	153.04	-	3.88	3.82	3.75	3.67
17	SPECIAL TRADE CONTRACTORS	-	163.62	160.39	156.49	156.59	-	4.34	4.30	4.14	4.11
171	Plumbing, heating, air conditioning	-	170.38	167.52	164.30	163.51	-	4.38	4.34	4.17	4.15
172	Painting, paper hanging, decorating	-	149.69	146.65	141.99	143.93	-	4.09	4.04	3.89	3.89
173	Electrical work	-	191.35	188.46	181.24	181.37	-	4.82	4.82	4.60	4.58
174	Masonry, stonework, and plastering	-	147.91	147.74	142.26	143.56	-	4.19	4.15	4.03	4.01
176	Roofing and sheetmetal work	-	136.82	132.75	127.45	128.50	-	3.79	3.75	3.58	3.54
-	MANUFACTURING	114.49	113.93	114.49	111.78	111.38	2.82	2.82	2.82	2.70	2.71
19,24,25,32-39	DURABLE GOODS	123.30	122.40	123.19	120.96	119.81	3.00	3.00	2.99	2.88	2.88
20-23,26-31	NONDURABLE GOODS ..	102.80	102.03	101.63	99.23	99.14	2.57	2.57	2.56	2.45	2.46
	<i>Durable Goods</i>										
19	ORDNANCE AND ACCESSORIES	136.08	135.11	132.25	134.08	133.04	3.24	3.24	3.21	3.20	3.16
192	Ammunition, except for small arms	137.34	136.03	131.46	134.72	132.99	3.27	3.27	3.23	3.27	3.22
1925	Complete guided missiles	-	151.01	149.34	149.32	145.81	-	3.63	3.59	3.53	3.48
194	Sighting and fire control equipment	-	137.05	134.96	125.66	127.62	-	3.24	3.26	3.08	3.09
191,3,5,6,9	Other ordnance and accessories	133.35	131.99	133.56	133.72	133.90	3.16	3.15	3.15	3.06	3.05
24	LUMBER AND WOOD PRODUCTS	97.61	96.88	97.27	93.89	92.84	2.41	2.41	2.39	2.29	2.27
242	Sawmills and planing mills	92.52	90.97	91.98	88.34	87.53	2.29	2.28	2.26	2.16	2.14
2421	Sawmills and planing mills, general	-	94.00	95.06	90.54	89.95	-	2.35	2.33	2.23	2.21
243	Millwork, plywood, & related products	104.96	103.02	103.63	100.12	99.63	2.56	2.55	2.54	2.43	2.43
2431	Millwork	-	100.85	100.85	98.25	97.85	-	2.49	2.49	2.42	2.41
2432	Veneer and plywood	-	104.26	105.88	102.58	101.19	-	2.60	2.57	2.46	2.45
244	Wooden containers	80.20	81.00	81.60	76.49	75.71	2.01	2.00	2.00	1.83	1.82
2441,2	Wooden boxes, shooks, and crates	-	78.59	79.15	75.96	75.36	-	1.95	1.94	1.80	1.79
249	Miscellaneous wood products	90.94	91.58	91.88	87.77	87.12	2.24	2.25	2.23	2.12	2.13
25	FURNITURE AND FIXTURES	94.89	92.40	93.09	93.68	89.13	2.32	2.31	2.31	2.22	2.19
251	Household furniture	88.70	85.89	86.76	87.36	82.81	2.19	2.18	2.18	2.09	2.06
2511	Wood household furniture	-	80.79	81.61	82.45	78.91	-	2.03	2.03	1.94	1.92
2512	Upholstered household furniture	-	89.30	92.28	92.21	84.92	-	2.35	2.36	2.26	2.20
2515	Mattresses and bedsprings	-	96.47	94.62	96.12	90.94	-	2.43	2.42	2.35	2.32
252	Office furniture	-	114.58	108.94	115.02	110.50	-	2.61	2.60	2.62	2.60
254	Partitions and fixtures	-	114.74	118.28	119.63	115.93	-	2.84	2.85	2.75	2.78
253,9	Other furniture and fixtures	99.46	99.22	101.09	100.02	97.75	2.42	2.42	2.43	2.31	2.30
32	STONE, CLAY, AND GLASS PRODUCTS ..	119.70	118.01	117.46	115.48	114.24	2.85	2.83	2.81	2.73	2.72
321	Flat glass	-	118.10	152.46	152.44	141.60	-	3.63	3.63	3.57	3.54
322	Glass and glassware, pressed or blown	(*)	115.02	113.93	110.30	109.76	(*)	2.84	2.82	2.71	2.71
3221	Glass containers	-	118.49	117.96	112.75	110.70	-	2.89	2.87	2.75	2.74
3229	Pressed and blown glass, n.e.c.	(*)	108.90	107.56	107.46	108.40	(*)	2.75	2.73	2.66	2.67
324	Cement, hydraulic	(*)	132.07	130.70	132.61	134.82	(*)	3.19	3.18	3.18	3.21
325	Structural clay products	99.80	99.80	100.45	98.12	97.94	2.44	2.44	2.45	2.37	2.36
3251	Brick and structural clay tile	-	94.24	95.34	94.78	93.06	-	2.26	2.27	2.23	2.20
326	Pottery and related products	-	99.32	102.57	98.50	95.94	-	2.60	2.61	2.50	2.46
327	Concrete, gypsum, and plaster products	131.45	128.25	124.60	122.94	121.32	2.87	2.85	2.80	2.72	2.69
328,9	Other stone and nonmetallic mineral products	(*)	116.40	117.99	115.79	115.09	(*)	2.86	2.85	2.77	2.76
3291	Abrasive products	-	117.02	113.68	117.10	119.13	-	2.97	2.93	2.87	2.85

See footnotes at end of table. NOTE: Data for the 2 most recent months are preliminary.

**ESTABLISHMENT DATA
HOURS AND EARNINGS**

C-2: Gross hours and earnings of production workers,¹ by industry

SIC Code	Industry	Average weekly hours					Average overtime hours				
		Aug. 1967	July 1967	June 1967	Aug. 1966	July 1966	Aug. 1967	July 1967	June 1967	Aug. 1966	July 1966
-	TOTAL PRIVATE	38.6	38.4	38.3	39.1	39.0	-	-	-	-	-
-	MINING	43.5	43.4	42.8	43.1	43.1	-	-	-	-	-
10	METAL MINING	-	42.3	42.3	42.2	42.6	-	-	-	-	-
101	Iron ores	-	42.4	41.1	42.3	43.5	-	-	-	-	-
102	Copper ores	-	43.0	43.7	43.1	43.5	-	-	-	-	-
11,12	COAL MINING	-	(*)	41.4	40.8	(*)	-	-	-	-	-
12	Bituminous coal and lignite mining	-	(*)	41.7	41.2	(*)	-	-	-	-	-
13	OIL AND GAS EXTRACTION	-	43.5	42.1	42.6	43.1	-	-	-	-	-
131,2	Crude petroleum and natural gas fields	-	41.5	40.5	40.5	41.3	-	-	-	-	-
138	Oil and gas field services	-	45.0	43.4	44.2	44.5	-	-	-	-	-
14	NONMETALLIC MINERALS, EXCEPT FUELS	-	46.3	46.3	47.2	47.1	-	-	-	-	-
142	Crushed and broken stone	-	47.9	48.0	49.3	49.4	-	-	-	-	-
-	CONTRACT CONSTRUCTION	38.8	38.7	38.2	38.5	39.0	-	-	-	-	-
15	GENERAL BUILDING CONTRACTORS	-	37.1	36.7	36.8	37.1	-	-	-	-	-
16	HEAVY CONSTRUCTION CONTRACTORS	-	43.0	42.0	42.2	43.4	-	-	-	-	-
161	Highway and street construction	-	44.4	42.9	43.6	44.9	-	-	-	-	-
162	Heavy construction, n e c	-	41.4	41.0	40.6	41.7	-	-	-	-	-
17	SPECIAL TRADE CONTRACTORS	-	37.7	37.3	37.8	38.1	-	-	-	-	-
171	Plumbing, heating, air conditioning	-	38.9	38.6	39.4	39.4	-	-	-	-	-
172	Painting, paper hanging, decorating	-	36.6	36.3	36.5	37.0	-	-	-	-	-
173	Electrical work	-	39.7	39.1	39.4	39.6	-	-	-	-	-
174	Masonry, stonework, and plastering	-	35.3	35.6	35.3	35.8	-	-	-	-	-
176	Roofing and sheet metal work	-	36.1	35.4	35.6	36.3	-	-	-	-	-
-	MANUFACTURING	40.6	40.4	40.6	41.4	41.1	3.3	3.3	3.3	4.0	3.9
19,24,25,32-39	DURABLE GOODS	41.1	40.8	41.2	42.0	41.6	3.5	3.4	3.4	4.3	4.1
20-23,26-31	NONDURABLE GOODS	40.0	39.7	39.7	40.5	40.3	3.1	3.1	3.1	3.5	3.5
	<i>Durable Goods</i>										
19	ORDNANCE AND ACCESSORIES	42.0	41.7	41.2	41.9	42.1	-	3.8	3.2	4.1	3.7
192	Ammunition, except for small arms	42.0	41.6	40.7	41.2	41.3	-	3.7	2.9	3.5	3.0
1925	Complete guided missiles	-	41.6	41.6	42.3	41.9	-	-	-	-	-
194	Sighting and fire control equipment	-	42.3	41.4	40.8	41.3	-	4.1	3.5	3.0	3.4
191,3,5,6,9	Other ordnance and accessories	42.2	41.9	42.4	43.7	43.9	-	3.8	3.8	5.6	5.4
24	LUMBER AND WOOD PRODUCTS	40.5	40.2	40.7	41.0	40.9	-	3.7	3.6	4.1	4.1
242	Sawmills and planing mills	40.4	39.9	40.7	40.9	40.9	-	3.7	3.7	4.1	4.1
2421	Sawmills and planing mills, general	-	40.0	40.8	40.6	40.7	-	-	-	-	-
243	Millwork, plywood, & related products	41.0	40.4	40.8	41.2	41.0	-	3.6	3.4	3.9	3.9
2431	Millwork	-	40.5	40.5	40.6	40.6	-	-	-	-	-
2432	Veneer and plywood	-	40.1	41.2	41.7	41.3	-	-	-	-	-
244	Wooden containers	39.9	40.5	40.8	41.8	41.6	-	3.3	3.5	4.7	4.6
2441,2	Wooden boxes, shoo, and crates	-	40.3	40.8	42.2	42.1	-	-	-	-	-
249	Miscellaneous wood products	40.6	40.7	41.2	41.4	40.9	-	3.6	3.6	4.1	4.0
25	FURNITURE AND FIXTURES	40.9	40.0	40.3	42.2	40.7	-	2.6	2.9	4.2	3.3
251	Household furniture	40.5	39.4	39.8	41.8	40.2	-	2.2	2.5	3.9	2.9
2511	Wood household furniture	-	39.8	40.2	42.5	41.1	-	-	-	-	-
2512	Upholstered household furniture	-	38.0	39.1	40.8	38.6	-	-	-	-	-
2515	Mattresses and bedspings	-	39.7	39.1	40.9	39.2	-	-	-	-	-
252	Office furniture	-	43.9	41.9	43.9	42.5	-	4.6	3.2	5.2	4.7
254	Partitions and fixtures	-	40.4	41.5	43.5	41.7	-	3.3	4.0	5.4	4.1
253,9	Other furniture and fixtures	41.1	41.0	41.6	43.3	42.5	-	3.5	3.7	5.0	4.6
32	STONE, CLAY, AND GLASS PRODUCTS	42.0	41.7	41.8	42.3	42.0	-	4.5	4.3	4.8	4.7
321	Flat glass	-	40.8	42.0	42.7	40.0	-	3.1	3.1	4.0	4.2
322	Glass and glassware, pressed or blown	(*)	40.5	40.4	40.7	40.5	-	4.5	4.3	4.2	4.2
3221	Glass containers	-	41.0	41.1	41.0	40.4	-	-	-	-	-
3229	Pressed and blown glass, n e c	-	39.6	39.4	40.4	40.6	-	-	-	-	-
324	Cement, hydraulic	(*)	41.4	41.1	41.7	42.0	-	2.6	2.4	3.0	3.3
325	Structural clay products	40.9	40.9	41.0	41.4	41.5	-	3.5	3.6	3.8	4.0
3251	Brick and structural clay tile	-	41.7	42.0	42.5	42.3	-	-	-	-	-
326	Pottery and related products	-	38.2	39.3	39.4	39.0	-	2.0	2.0	2.7	2.0
327	Concrete, gypsum and plaster products	45.8	45.0	44.5	45.2	45.1	-	7.1	6.8	7.3	7.2
328,9	Other stone and nonmetallic mineral products	(*)	40.7	41.4	41.8	41.7	-	3.4	3.4	4.2	4.0
3291	Abrasive products	-	39.4	38.8	40.8	41.8	-	-	-	-	-

See footnotes at end of table. NOTE: Data for the 2 most recent months are preliminary.

ESTABLISHMENT DATA HOURS AND EARNINGS

C-2: Gross hours and earnings of production workers,¹ by industry--Continued

SIC Code	Industry	Average weekly earnings					Average hourly earnings				
		Aug. 1967	July 1967	June 1967	Aug. 1966	July 1966	Aug. 1967	July 1967	June 1967	Aug. 1966	July 1966
<i>Durable Goods--Continued</i>											
33	PRIMARY METAL INDUSTRIES	\$137.02	\$136.61	\$136.12	\$138.09	\$137.19	\$3.35	\$3.34	\$3.32	\$3.28	\$3.29
331	Blast furnace and basic steel products ..	143.92	144.23	141.55	145.85	147.03	3.58	3.57	3.53	3.54	3.56
3312	Blast furnaces and steel mills	-	145.52	142.84	146.83	148.37	-	3.62	3.58	3.59	3.61
332	Iron and steel foundries	126.16	125.55	128.74	126.69	121.13	3.04	3.04	3.08	2.96	2.94
3321	Gray iron foundries	-	124.98	131.09	126.14	117.50	-	2.99	3.07	2.92	2.88
3322	Malleable iron foundries	-	127.26	125.29	127.41	122.00	-	3.15	3.14	3.07	3.05
3323	Steel foundries	-	125.76	125.36	218.65	127.62	-	3.09	3.08	3.02	3.01
333,4	Nonferrous metals	134.37	134.40	134.20	130.20	130.09	3.23	3.20	3.18	3.10	3.09
335	Nonferrous rolling and drawing	132.62	132.93	132.71	136.27	133.55	3.15	3.15	3.13	3.09	3.07
3351	Copper rolling and drawing	-	131.46	131.46	134.55	143.87	-	3.16	3.16	3.19	3.19
3352	Aluminum rolling and drawing	-	140.18	138.46	139.96	137.06	-	3.26	3.22	3.21	3.18
3357	Nonferrous wire drawing and insulating ..	-	128.29	129.86	129.65	125.71	-	3.04	3.02	2.92	2.91
336	Nonferrous foundries	120.88	117.71	119.95	119.00	115.77	2.97	2.95	2.94	2.82	2.81
3361	Aluminum castings	-	118.30	119.84	118.56	116.31	-	2.95	2.93	2.85	2.83
3362,9	Other nonferrous castings	-	116.72	119.77	119.13	114.95	-	2.94	2.95	2.79	2.79
339	Miscellaneous primary metal products ..	146.02	143.15	143.85	147.32	142.27	3.51	3.50	3.50	3.45	3.42
3391	Iron and steel forgings	-	146.69	146.29	151.14	146.01	-	3.64	3.63	3.59	3.57
34	FABRICATED METAL PRODUCTS	123.85	122.36	122.84	121.98	119.83	2.97	2.97	2.96	2.87	2.86
341	Metal cans	149.41	150.41	147.84	148.40	151.52	3.35	3.38	3.36	3.32	3.33
342	Cutlery, hand tools, and hardware	114.17	112.92	114.62	113.98	110.16	2.84	2.83	2.83	2.74	2.72
3421,3,5	Cutlery and hand tools, incl. saws	-	107.80	111.79	112.44	108.67	-	2.75	2.74	2.69	2.67
3429	Hardware, n e c	-	116.76	116.87	114.68	111.10	-	2.89	2.90	2.77	2.75
343	Plumbing and heating, except electric ..	113.08	112.12	113.81	111.65	106.13	2.82	2.81	2.81	2.71	2.66
3431,2	Sanitary ware & plumbers' brass goods ..	-	113.43	115.87	111.52	104.41	-	2.85	2.84	2.72	2.63
3433	Heating equipment, except electric	-	111.20	112.44	111.92	107.47	-	2.78	2.79	2.71	2.68
344	Fabricated structural metal products	124.15	121.84	122.43	121.11	118.98	2.97	2.95	2.95	2.87	2.86
3441	Fabricated structural steel	-	123.26	123.97	123.54	120.22	-	2.97	2.98	2.90	2.89
3442	Metal doors, sash, and trim	-	102.66	104.70	100.78	99.38	-	2.51	2.56	2.47	2.46
3443	Fabricated plate work (boiler shops) ..	-	129.38	129.89	127.02	125.04	-	3.11	3.10	3.01	2.97
3444	Sheet metal work	-	126.89	125.97	126.30	124.80	-	3.11	3.08	3.00	3.00
3446,9	Architectural and misc. metal work	-	120.51	122.54	123.55	119.85	-	2.89	2.89	2.86	2.84
345	Screw machine products, bolts, etc.	127.89	123.35	125.83	125.24	121.67	2.94	2.93	2.94	2.84	2.81
3451	Screw machine products	-	120.41	121.12	119.44	118.09	-	2.82	2.83	2.69	2.69
3452	Bolts, nuts, rivets, and washers	-	126.46	130.85	130.96	125.11	-	3.04	3.05	2.99	2.93
346	Metal stampings	135.78	135.66	134.72	132.56	130.48	3.21	3.23	3.20	3.09	3.07
347	Metal services, n e c	108.14	107.07	109.06	108.54	106.40	2.69	2.67	2.66	2.56	2.57
348	Misc. fabricated wire products	110.84	108.81	111.25	110.88	110.46	2.73	2.70	2.72	2.64	2.63
349	Misc. fabricated metal products	121.64	117.74	118.20	119.00	117.45	2.91	2.90	2.89	2.82	2.83
3494,8	Valves, pipe, and pipe fittings	-	120.07	121.25	122.40	119.55	-	2.95	2.95	2.88	2.86
35	MACHINERY, EXCEPT ELECTRICAL	133.88	132.51	134.09	133.55	131.89	3.18	3.17	3.17	3.07	3.06
351	Engines and turbines	(*)	136.06	140.15	143.29	141.19	(*)	3.41	3.41	3.34	3.33
3511	Steam engines and turbines	-	140.13	146.65	152.49	149.80	-	3.46	3.50	3.45	3.42
3519	Internal combustion engines, n e c	-	134.58	137.16	139.92	137.85	-	3.39	3.37	3.30	3.29
352	Farm machinery	-	123.80	126.32	127.31	124.44	-	3.15	3.15	3.09	3.05
353	Construction and related machinery	132.19	128.52	129.78	132.99	132.68	3.17	3.15	3.15	3.10	3.10
3531,2	Construction and mining machinery	-	129.28	131.95	137.07	136.85	-	3.24	3.25	3.21	3.22
3533	Oil field machinery	-	123.90	125.10	121.25	119.57	-	3.00	3.00	2.88	2.82
3535,6	Conveyors, hoists, cranes, monorails ..	-	131.94	134.54	133.20	133.80	-	3.09	3.10	3.00	3.00
354	Metal working machinery	149.64	151.70	153.53	148.79	150.15	3.44	3.44	3.45	3.27	3.30
3541	Machine tools, metal cutting types	-	149.52	153.11	146.42	144.51	-	3.36	3.38	3.19	3.19
3544	Special dies, tools, jigs & fixtures ..	-	169.42	171.29	160.43	166.38	-	3.74	3.74	3.48	3.54
3545	Machine tool accessories	-	134.59	136.16	138.78	137.41	-	3.13	3.13	3.05	3.04
3542,8	Misc. metal working machinery	-	137.28	136.53	138.41	137.46	-	3.23	3.22	3.16	3.16
355	Special industry machinery	125.28	124.80	126.90	126.58	122.41	2.99	3.00	3.00	2.89	2.86
3551	Food products machinery	-	130.00	132.51	132.28	129.43	-	3.14	3.14	3.02	3.01
3552	Textile machinery	-	104.14	103.41	107.01	101.16	-	2.54	2.51	2.46	2.42
3555	Printing trades machinery	-	135.20	141.80	136.83	135.45	-	3.25	3.29	3.16	3.15
356	General industrial machinery	133.98	132.40	132.93	135.39	131.46	3.16	3.16	3.15	3.07	3.05
3561	Pumps and compressors	-	131.02	131.02	131.57	128.92	-	3.09	3.09	2.97	2.95
3562	Ball and roller bearings	-	136.73	137.60	141.38	135.53	-	3.24	3.23	3.17	3.13
3566	Power transmission equipment	-	129.07	130.73	135.96	131.27	-	3.11	3.12	3.09	3.06
357	Office and computing machines	132.19	130.41	129.78	128.21	129.05	3.14	3.15	3.15	3.06	3.08
3571	Computing machines and cash registers ..	-	137.28	137.03	133.54	136.08	-	3.30	3.31	3.21	3.24
358	Service industry machines	118.08	119.19	117.96	115.51	114.95	2.88	2.90	2.87	2.79	2.79
3585	Refrigeration machinery	-	122.47	118.66	113.42	114.80	-	2.93	2.88	2.78	2.80
359	Misc. machinery, except electrical	128.78	128.65	130.90	127.01	124.65	3.03	3.02	3.03	2.88	2.87

See footnotes at end of table. NOTE: Data for the 2 most recent months are preliminary.

ESTABLISHMENT DATA HOURS AND EARNINGS

C-2: Gross hours and earnings of production workers,¹ by industry--Continued

SIC Code	Industry	Average weekly hours					Average overtime hours				
		Aug. 1967	July 1967	June 1967	Aug. 1966	July 1966	Aug. 1967	July 1967	June 1967	Aug. 1966	July 1966
<i>Durable Goods--Continued</i>											
33	PRIMARY METAL INDUSTRIES	40.9	40.9	41.0	42.1	41.7	-	3.0	3.1	4.2	3.9
331	Blast furnaces and basic steel products . . .	40.2	40.4	40.1	41.2	41.3	-	2.1	1.9	3.0	3.1
3312	Blast furnaces, and steel mills	-	40.2	39.9	40.9	41.1	-	-	-	-	-
332	Iron and steel foundries	41.5	41.3	41.8	42.8	41.2	-	3.8	4.6	5.1	4.6
3321	Gray iron foundries	-	41.8	42.7	43.2	40.8	-	-	-	-	-
3322	Malleable iron foundries	-	40.4	39.9	41.5	40.0	-	-	-	-	-
3323	Steel foundries	-	40.7	40.7	42.6	42.4	-	-	-	-	-
333,4	Nonferrous metals	41.6	42.0	42.2	42.0	42.1	-	3.9	4.1	4.2	3.8
335	Nonferrous rolling and drawing	42.1	42.2	42.4	44.1	43.5	-	4.0	4.2	6.0	5.5
3351	Copper rolling and drawing	-	41.6	41.6	45.0	45.1	-	-	-	-	-
3352	Aluminum rolling and drawing	-	43.0	43.0	43.6	43.1	-	-	-	-	-
3357	Nonferrous wire drawing and insulating . . .	-	42.2	43.0	44.4	43.2	-	-	-	-	-
336	Nonferrous foundries	40.7	39.9	40.8	42.2	41.2	-	3.0	3.4	4.5	3.7
3361	Aluminum castings	-	40.1	40.9	41.6	41.1	-	-	-	-	-
3362,9	Other nonferrous castings	-	39.7	40.6	42.7	41.2	-	-	-	-	-
339	Miscellaneous primary metal products . . .	41.6	40.9	41.1	42.7	41.6	-	4.1	4.5	5.4	4.9
3391	Iron and steel forgings	-	40.3	40.3	42.1	40.9	-	-	-	-	-
34	FABRICATED METAL PRODUCTS	41.7	41.2	41.5	42.5	41.9	-	3.6	3.8	4.7	4.4
341	Metal cans	44.6	44.5	44.0	44.7	45.5	-	5.3	4.7	5.6	6.9
342	Cutlery, hand tools, and hardware	40.2	39.9	40.5	41.6	40.5	-	2.5	2.7	3.5	3.1
3421,3,5	Cutlery and hand tools, incl. saws	-	39.2	40.8	41.8	40.7	-	-	-	-	-
3429	Hardware, n e c	-	40.4	40.3	41.4	40.4	-	-	-	-	-
343	Plumbing and heating, except electric . . .	40.1	39.9	40.5	41.2	39.9	-	2.2	2.7	3.0	2.3
3431,2	Sanitary ware & plumbers' brass goods . .	-	39.8	40.8	41.0	39.7	-	-	-	-	-
3433	Heating equipment, except electric	-	40.0	40.3	41.3	40.1	-	-	-	-	-
344	Fabricated structural metal products	41.8	41.3	41.5	42.2	41.6	-	3.5	3.7	4.4	4.1
3441	Fabricated structural steel	-	41.5	41.6	42.6	41.6	-	-	-	-	-
3442	Metal doors, sash, and trim	-	40.9	40.9	40.8	40.4	-	-	-	-	-
3443	Fabricated plate work (boiler shops)	-	41.6	41.9	42.2	42.1	-	-	-	-	-
3444	Sheet metal work	-	40.8	40.9	42.1	41.6	-	-	-	-	-
3446,9	Architectural and misc. metal work	-	41.7	42.4	43.2	42.2	-	-	-	-	-
345	Screw machine products, bolts, etc.	43.5	42.1	42.8	44.1	43.3	-	4.6	5.0	6.6	5.9
3451	Screw machine products	-	42.7	42.8	44.4	43.9	-	-	-	-	-
3452	Bolts, nuts, rivets, and washers	-	41.6	42.9	43.8	42.7	-	-	-	-	-
346	Metal stampings	42.3	42.0	42.1	42.9	42.5	-	4.6	4.5	5.4	5.1
347	Metal services, n e c	40.2	40.1	41.0	42.4	41.4	-	3.5	3.9	5.1	4.4
348	Misc. fabricated wire products	40.6	40.3	40.9	42.0	42.0	-	3.1	3.4	4.4	4.4
349	Misc. fabricated metal products	41.8	40.6	40.9	42.2	41.5	-	2.8	3.2	4.3	3.8
3494,8	Valves, pipe, and pipe fittings	-	40.7	41.1	42.5	41.8	-	-	-	-	-
35	MACHINERY, EXCEPT ELECTRICAL	42.1	41.8	42.3	43.5	43.1	-	4.0	4.2	5.4	5.2
351	Engines and turbines	(*)	39.9	41.1	42.9	42.4	-	3.2	3.7	5.9	5.8
3511	Steam engines and turbines	-	40.5	41.9	44.2	43.8	-	-	-	-	-
3519	Internal combustion engines, n e c	-	39.7	40.7	42.4	41.9	-	-	-	-	-
352	Farm machinery	-	39.3	40.1	41.2	40.8	-	2.2	2.6	3.4	3.2
353	Construction and related machinery	41.7	40.8	41.2	42.9	42.8	-	3.3	3.1	4.9	5.2
3531,2	Construction and mining machinery	-	39.9	40.6	42.7	42.5	-	-	-	-	-
3533	Oil field machinery	-	41.3	41.7	42.1	42.4	-	-	-	-	-
3535,6	Conveyors, hoists, cranes, monorails	-	42.7	43.4	44.4	44.6	-	-	-	-	-
354	Metal working machinery	43.5	44.1	44.5	45.5	45.5	-	6.0	6.4	7.2	7.4
3541	Machine tools, metal cutting types	-	44.5	45.3	45.9	45.3	-	-	-	-	-
3544	Special dies, tools, jigs, & fixtures	-	45.3	45.8	46.1	47.0	-	-	-	-	-
3545	Machine tool accessories	-	43.0	43.5	45.5	45.2	-	-	-	-	-
3542,8	Misc. metal working machinery	-	42.5	42.4	43.8	43.5	-	-	-	-	-
355	Special industry machinery	41.9	41.6	42.3	43.8	42.8	-	3.6	4.2	5.4	4.7
3551	Food products machinery	-	41.4	42.2	43.8	43.0	-	-	-	-	-
3552	Textile machinery	-	41.0	41.2	43.5	41.8	-	-	-	-	-
3555	Printing trades machinery	-	41.6	43.1	43.3	43.0	-	-	-	-	-
356	General industrial machinery	42.4	41.9	42.2	44.1	43.1	-	3.8	4.1	5.7	5.0
3561	Pumps and compressors	-	42.4	42.4	44.3	43.7	-	-	-	-	-
3562	Ball and roller bearings	-	42.2	42.6	44.6	43.3	-	-	-	-	-
3566	Power transmission equipment	-	41.5	41.9	44.0	42.9	-	-	-	-	-
357	Office and computing machines	42.1	41.4	41.2	41.9	41.9	-	2.4	2.3	3.4	3.2
3571	Computing machines and cash registers . . .	-	41.6	41.4	41.6	42.0	-	-	-	-	-
358	Service industry machines	41.0	41.1	41.1	41.2	41.4	-	3.2	3.1	3.8	3.4
3585	Refrigeration machinery	-	41.8	41.2	40.8	41.0	-	-	-	-	-
359	Misc. machinery, except electrical	42.5	42.6	43.2	44.1	43.5	-	5.2	5.5	6.3	5.9

See footnotes at end of table. NOTE: Data for the 2 most recent months are preliminary.

ESTABLISHMENT DATA HOURS AND EARNINGS

C-2: Gross hours and earnings of production workers,¹ by industry--Continued

SIC code	Industry	Average weekly earnings					Average hourly earnings				
		Aug. 1967	July 1967	June 1967	Aug. 1966	July 1966	Aug. 1967	July 1967	June 1967	Aug. 1966	July 1966
<i>Durable Goods--Continued</i>											
36	ELECTRICAL EQUIPMENT AND SUPPLIES...	\$111.60	\$111.60	\$111.88	\$107.83	\$106.52	\$2.79	\$2.79	\$2.79	\$2.63	\$2.63
361	Electric test & distributing equipment...	116.87	118.55	119.48	116.34	117.74	2.90	2.92	2.90	2.77	2.79
3611	Electric measuring instruments...	-	104.41	105.44	101.20	103.02	-	2.63	2.61	2.53	2.55
3612	Transformers...	-	122.91	123.90	125.72	121.55	-	3.02	3.00	2.89	2.86
3613	Switchgear and switchboard apparatus...	-	127.20	127.60	122.40	127.60	-	3.08	3.06	2.88	2.94
362	Electrical industrial apparatus...	117.74	119.02	116.76	118.58	119.00	2.90	2.91	2.89	2.81	2.80
3621	Motors and generators...	-	122.72	119.84	120.42	120.98	-	2.95	2.93	2.84	2.84
3622	Industrial controls...	-	111.90	111.00	114.68	113.97	-	2.84	2.81	2.75	2.72
363	Household appliances...	122.10	121.80	119.39	119.55	116.00	3.00	3.00	2.97	2.86	2.85
3632	Household refrigerators and freezers...	-	135.20	131.29	133.76	133.03	-	3.25	3.21	3.14	3.13
3633	Household laundry equipment...	-	137.07	125.76	125.93	117.32	-	3.21	3.09	2.97	2.97
3634	Electric housewares and fans...	-	95.83	97.71	97.68	94.17	-	2.42	2.48	2.40	2.39
364	Electric lighting and wiring equipment...	103.88	101.79	104.26	102.34	99.20	2.61	2.59	2.60	2.49	2.48
3641	Electric lamps...	-	102.94	105.07	104.86	100.73	-	2.66	2.66	2.57	2.55
3642	Lighting fixtures...	-	102.31	106.66	102.42	99.45	-	2.59	2.64	2.48	2.48
3643,4	Wiring devices...	-	100.86	102.51	100.86	98.49	-	2.56	2.55	2.46	2.45
365	Radio and TV receiving equipment...	(*)	93.17	92.20	94.30	92.12	(*)	2.42	2.42	2.34	2.35
366	Communication equipment...	124.24	125.05	126.48	118.78	117.05	3.06	3.08	3.07	2.89	2.89
3661	Telephone and telegraph apparatus...	-	124.26	129.47	118.26	112.81	-	3.13	3.15	2.92	2.90
3662	Radio and TV communication equipment...	-	125.77	125.14	118.82	119.94	-	3.06	3.03	2.87	2.89
367	Electronic components and accessories...	94.23	94.47	93.60	91.43	89.67	2.41	2.41	2.40	2.28	2.27
3671-3	Electron tubes...	-	106.13	103.10	109.82	102.06	-	2.64	2.61	2.56	2.52
3674,9	Other electronic components...	-	91.80	91.57	87.30	86.85	-	2.36	2.36	2.21	2.21
369	Misc. electrical equipment & supplies...	119.60	119.90	118.80	115.02	114.62	2.99	2.99	2.97	2.84	2.88
3694	Engine electrical equipment...	-	122.98	123.47	114.76	118.50	-	3.09	3.11	2.95	3.00
37	TRANSPORTATION EQUIPMENT...	139.60	139.94	141.17	139.35	137.94	3.43	3.43	3.41	3.31	3.30
371	Motor vehicles and equipment...	(*)	143.47	145.14	142.27	140.42	(*)	3.56	3.54	3.42	3.40
3711	Motor vehicles...	-	149.08	145.48	143.64	145.25	-	3.69	3.61	3.60	3.50
3712	Passenger car bodies...	-	143.64	150.75	166.14	136.04	-	3.80	3.75	3.90	3.58
3713	Truck and bus bodies...	-	120.50	120.99	125.56	119.39	-	3.02	2.98	2.92	2.87
3714	Motor vehicle parts and accessories...	-	143.21	147.97	144.08	141.44	-	3.51	3.54	3.39	3.40
372	Aircraft and parts...	146.20	144.67	144.24	144.09	142.66	3.44	3.42	3.41	3.32	3.31
3721	Aircraft...	-	144.63	143.45	144.48	144.14	-	3.46	3.44	3.36	3.36
3722	Aircraft engines and engine parts...	-	144.93	145.18	144.52	142.76	-	3.41	3.40	3.33	3.32
3723,9	Other aircraft parts and equipment...	-	143.99	145.08	142.08	138.97	-	3.31	3.32	3.20	3.18
373	Ship and boat building and repairing...	(*)	126.94	130.90	128.93	129.88	(*)	3.28	3.24	3.16	3.16
3731	Ship building and repairing...	-	132.83	137.36	136.12	136.86	-	3.45	3.40	3.32	3.33
3732	Boat building and repairing...	-	101.89	102.91	98.89	100.53	-	2.56	2.56	2.46	2.44
374	Railroad equipment...	-	136.46	135.32	135.74	136.35	-	3.42	3.40	3.36	3.35
375,9	Other transportation equipment...	-	100.84	106.50	97.68	93.30	-	2.54	2.56	2.40	2.38
38	INSTRUMENTS AND RELATED PRODUCTS...	119.23	116.00	117.01	113.70	113.42	2.88	2.85	2.84	2.72	2.72
381	Engineering & scientific instruments...	-	136.75	137.90	130.05	132.75	-	3.21	3.17	3.06	3.08
382	Mechanical measuring & control devices...	112.44	109.69	110.92	113.98	112.75	2.79	2.77	2.78	2.74	2.73
3821	Mechanical measuring devices...	-	111.72	111.88	117.43	116.72	-	2.80	2.79	2.75	2.74
3822	Automatic temperature controls...	-	107.13	108.63	109.07	106.92	-	2.74	2.75	2.72	2.70
383,5	Optical and ophthalmic goods...	108.36	107.57	107.94	102.75	103.00	2.63	2.63	2.62	2.47	2.47
385	Ophthalmic goods...	-	95.44	94.80	92.62	93.66	-	2.38	2.37	2.27	2.29
384	Medical instruments and supplies...	101.09	98.21	98.40	94.54	92.97	2.49	2.48	2.46	2.34	2.33
386	Photographic equipment and supplies...	(*)	141.10	141.67	132.99	132.75	(*)	3.32	3.31	3.10	3.08
387	Watches, clocks, and watchcases...	-	92.58	93.06	92.70	91.35	-	2.38	2.35	2.25	2.25
39	MISC. MANUFACTURING INDUSTRIES...	92.36	90.56	92.20	88.22	86.63	2.35	2.34	2.34	2.20	2.21
391	Jewelry, silverware, and plated ware...	104.28	102.70	104.26	102.51	95.35	2.62	2.60	2.60	2.47	2.42
394	Toys and sporting goods...	-	81.75	83.10	79.00	77.80	-	2.14	2.12	1.99	2.00
3941-3	Games, toys, dolls & play vehicles...	-	79.21	79.75	76.82	75.08	-	2.09	2.05	1.94	1.94
3949	Sporting and athletic goods, n e c...	-	85.91	88.31	83.81	82.11	-	2.22	2.23	2.09	2.10
395	Pens, pencils, office and art supplies...	-	90.23	90.68	86.43	84.02	-	2.29	2.29	2.15	2.16
396	Costume jewelry and notions...	-	81.53	85.36	80.40	79.15	-	2.14	2.15	2.02	2.04
393,8,9	Other manufacturing industries...	98.60	96.47	97.86	95.04	93.62	2.49	2.48	2.49	2.37	2.37
393	Musical instruments and parts...	-	100.08	98.39	99.39	97.53	-	2.54	2.51	2.43	2.42
<i>Nondurable Goods</i>											
20	FOOD AND KINDRED PRODUCTS...	107.38	108.62	108.50	103.34	105.59	2.60	2.63	2.64	2.49	2.52
201	Meat products...	114.96	116.20	115.09	107.98	109.33	2.77	2.78	2.78	2.64	2.66
2011	Meat packing plants...	-	136.85	135.14	127.82	128.74	-	3.22	3.21	3.08	3.08
2013	Sausages and other prepared meats...	-	126.96	125.22	117.01	120.96	-	3.03	3.01	2.84	2.88
2015	Poultry dressing plants...	-	71.69	70.80	67.49	66.36	-	1.77	1.77	1.70	1.68

See footnotes at end of table. NOTE: Data for the 2 most recent months are preliminary.

ESTABLISHMENT DATA HOURS AND EARNINGS

C-2: Gross hours and earnings of production workers,¹ by industry--Continued

SIC Code	Industry	Average weekly hours					Average overtime hours				
		Aug. 1967	July 1967	June 1967	Aug. 1966	July 1966	Aug. 1967	July 1967	June 1967	Aug. 1966	July 1966
<i>Durable Goods--Continued</i>											
36	ELECTRICAL EQUIPMENT AND SUPPLIES..	40.0	40.0	40.1	41.0	40.5	-	2.4	2.4	3.3	3.2
361	Electric test and distributing equipment	40.3	40.6	41.2	42.0	42.2	-	2.9	2.9	3.7	3.9
3611	Electric measuring instruments	-	39.7	40.4	40.0	40.4	-	-	-	-	-
3612	Transformers	-	40.7	41.3	43.5	42.5	-	-	-	-	-
3613	Switchgear and switchboard apparatus.	-	41.3	41.7	42.5	43.4	-	-	-	-	-
362	Electrical industrial apparatus	40.6	40.9	40.4	42.2	42.5	-	2.7	2.7	4.4	4.4
3621	Motors and generators	-	41.6	40.9	42.4	42.6	-	-	-	-	-
3622	Industrial controls	-	39.4	39.5	41.7	41.9	-	-	-	-	-
363	Household appliances	40.7	40.6	40.2	41.8	40.7	-	3.0	2.5	3.7	3.5
3632	Household refrigerators and freezers ..	-	41.6	40.9	42.6	42.5	-	-	-	-	-
3633	Household laundry equipment.....	-	42.7	40.7	42.4	39.5	-	-	-	-	-
3634	Electric housewares and fans	-	39.6	39.4	40.7	39.4	-	-	-	-	-
364	Electric lighting and wiring equipment ..	39.8	39.3	40.1	41.1	40.0	-	1.9	2.1	3.2	2.8
3641	Electric lamps	-	38.7	39.5	40.8	39.5	-	-	-	-	-
3642	Lighting fixtures	-	39.5	40.4	41.3	40.1	-	-	-	-	-
3643,4	Wiring devices	-	39.4	40.2	41.0	40.2	-	-	-	-	-
365	Radio and TV receiving equipment	(*)	38.5	38.1	40.3	39.2	-	1.7	1.6	3.0	2.7
366	Communication equipment	40.6	40.6	41.2	41.1	40.5	-	2.7	2.7	2.9	2.7
3661	Telephone and telegraph apparatus ..	-	39.7	41.1	40.5	38.9	-	-	-	-	-
3662	Radio and TV communication equipment ..	-	41.1	41.3	41.4	41.5	-	-	-	-	-
367	Electronic components and accessories ..	39.1	39.2	39.0	40.1	39.5	-	1.9	1.9	2.7	2.9
3671-3	Electron tubes	-	40.2	39.5	42.9	40.5	-	-	-	-	-
3674,9	Other electronic components	-	38.9	38.8	39.5	39.3	-	-	-	-	-
369	Misc. electrical equipment & supplies ..	40.0	40.1	40.0	40.5	39.8	-	2.4	2.3	3.1	2.5
3694	Engine electrical equipment.....	-	39.8	39.7	38.9	39.5	-	-	-	-	-
37	TRANSPORTATION EQUIPMENT	40.7	40.8	41.4	42.1	41.8	-	3.9	3.5	4.8	4.5
371	Motor vehicles and equipment	(*)	40.3	41.0	41.6	41.3	-	3.7	3.4	5.0	4.4
3711	Motor vehicles	-	40.4	40.3	39.9	41.5	-	-	-	-	-
3712	Passenger car bodies	-	37.8	40.2	42.6	38.0	-	-	-	-	-
3713	Truck and bus bodies	-	39.9	40.6	43.0	41.6	-	-	-	-	-
3714	Motor vehicle parts and accessories ..	-	40.8	41.8	42.5	41.6	-	-	-	-	-
372	Aircraft and parts	42.5	42.3	42.3	43.4	43.1	-	4.5	3.8	5.2	5.0
3721	Aircraft	-	41.8	41.7	43.0	42.9	-	-	-	-	-
3722	Aircraft engines and engine parts	-	42.5	42.7	43.4	43.0	-	-	-	-	-
3723,9	Other aircraft parts and equipment.....	-	43.5	43.7	44.4	43.7	-	-	-	-	-
373	Ship and boat building and repairing ..	(*)	38.7	40.4	40.8	41.1	-	3.4	3.4	3.8	4.1
37..	Ship building and repairing	-	38.5	40.4	41.0	41.1	-	-	-	-	-
3732	Boat building and repairing	-	39.8	40.2	40.2	41.2	-	-	-	-	-
374	Railroad equipment	-	39.9	39.8	40.4	40.7	-	2.0	2.2	3.4	3.9
375,9	Other transportation equipment	-	39.7	41.6	40.7	39.2	-	3.3	3.7	3.1	2.6
38	INSTRUMENTS AND RELATED PRODUCTS..	41.4	40.7	41.2	41.8	41.7	-	2.8	3.0	3.5	3.5
381	Engineering & scientific instruments ..	-	42.6	43.5	42.5	43.1	-	4.3	4.7	4.0	4.0
382	Mechanical measuring & control devices ..	40.3	39.6	39.9	41.6	41.3	-	2.3	2.4	3.8	3.9
3821	Mechanical measuring devices	-	39.9	40.1	42.7	42.6	-	-	-	-	-
3822	Automatic temperature controls	-	39.1	39.5	40.1	39.6	-	-	-	-	-
383,5	Optical and ophthalmic goods	41.2	40.9	41.2	41.6	41.7	-	2.6	2.9	3.2	3.1
385	Ophthalmic goods	-	40.1	40.0	40.8	40.9	-	2.0	2.1	2.6	2.8
384	Medical instruments and supplies.....	40.6	39.6	40.0	40.4	39.9	-	2.4	2.4	2.7	2.6
386	Photographic equipment and supplies....	(*)	42.5	42.8	42.9	43.1	-	3.6	3.5	4.1	3.9
387	Watches, clocks, and watch cases	-	38.9	39.6	41.2	40.6	-	1.7	1.8	2.6	2.3
39	MISC. MANUFACTURING INDUSTRIES ..	39.3	38.7	39.4	40.1	39.2	-	1.9	2.4	3.1	2.3
391	Jewelry, silverware, and plated ware ..	39.8	39.5	40.1	41.5	39.4	-	2.6	3.2	4.6	2.3
394	Toys and sporting goods.....	-	38.2	39.2	39.7	38.9	-	2.1	2.5	3.1	2.3
3941-3	Games, toys, dolls, & play vehicles ..	-	37.9	38.9	39.6	38.7	-	-	-	-	-
3949	Sporting and athletic goods, n.e.c.....	-	38.7	39.6	40.1	39.1	-	-	-	-	-
395	Pens, pencils, office and art supplies ..	-	39.4	39.6	40.2	38.9	-	1.5	1.7	2.4	2.0
396	Costume jewelry and notions	-	38.1	39.7	39.8	38.8	-	1.6	2.6	2.9	2.2
393,8,9	Other manufacturing industries	39.6	38.9	39.3	40.1	39.5	-	1.9	2.3	2.8	2.3
393	Musical instruments and parts	-	39.4	39.2	40.9	40.3	-	1.3	1.7	2.9	2.3
<i>Nondurable Goods</i>											
20	FOOD AND KINDRED PRODUCTS	41.3	41.3	41.1	41.5	41.9	-	4.4	4.2	4.0	4.7
201	Meat products	41.5	41.8	41.4	40.9	41.1	-	4.7	4.4	4.2	4.5
2011	Meat packing	-	42.5	42.1	41.5	41.8	-	-	-	-	-
2013	Sausages and other prepared meats ..	-	41.9	41.6	41.2	42.0	-	-	-	-	-
2015	Poultry dressing and packing	-	40.5	40.0	39.7	39.5	-	-	-	-	-

See footnotes at end of table. NOTE: Data for the 2 most recent months are preliminary.

ESTABLISHMENT DATA HOURS AND EARNINGS

C-2: Gross hours and earnings of production workers,¹ by industry--Continued

SIC Code	Industry	Average weekly earnings					Average hourly earnings				
		Aug. 1967	July 1967	June 1967	Aug. 1966	July 1966	Aug. 1967	July 1967	June 1967	Aug. 1966	July 1966
	<i>Nondurable Goods--Continued</i>										
	FOOD AND KINDRED PRODUCTS--Continued										
202	Dairy products.....	\$113.58	\$116.31	\$114.38	\$108.80	\$112.49	\$2.66	\$2.68	\$2.66	\$2.56	\$2.58
2024	Ice cream and frozen desserts.....	-	116.84	115.08	105.82	117.30	-	2.73	2.74	2.60	2.63
2026	Fluid milk.....	-	122.36	119.26	113.58	116.58	-	2.80	2.78	2.66	2.68
203	Canned, cured, and frozen foods.....	-	85.66	83.76	87.33	83.18	-	2.19	2.21	2.13	2.09
2031,6	Canned, cured, and frozen sea foods...	-	65.13	70.29	70.31	67.13	-	1.95	1.98	1.89	1.87
2032,3	Canned food, except sea foods.....	-	89.38	88.09	91.32	89.46	-	2.24	2.30	2.19	2.12
2037	Frozen fruits and vegetables.....	-	78.81	80.85	85.69	74.66	-	2.13	2.10	2.05	2.04
204	Grain mill products.....	125.49	125.85	120.50	117.97	120.18	2.74	2.73	2.72	2.61	2.59
2041	Flour and other grain mill products...	-	130.01	126.62	127.68	130.67	-	2.87	2.82	2.80	2.81
2042	Prepared feeds for animals and fowls...	-	112.52	104.40	101.81	104.28	-	2.32	2.32	2.18	2.15
205	Bakery products.....	108.68	109.75	108.68	106.08	107.12	2.69	2.69	2.69	2.60	2.60
2051	Bread, cake, and related products.....	-	111.93	110.84	108.92	108.77	-	2.73	2.69	2.65	2.64
2052	Cookies and crackers.....	-	102.77	100.44	97.11	98.23	-	2.55	2.53	2.44	2.39
206	Sugar.....	-	117.35	122.06	122.09	128.18	-	3.08	3.09	2.90	2.94
207	Confectionery and related products.....	95.68	92.34	92.86	89.69	87.75	2.30	2.32	2.31	2.22	2.25
2071	Confectionery products.....	-	89.78	89.65	85.39	83.98	-	2.25	2.23	2.14	2.17
208	Beverages.....	126.24	128.17	127.26	119.68	130.68	3.02	3.03	3.03	2.87	2.93
2082	Malt liquors.....	-	168.24	164.67	154.98	169.94	-	3.94	3.93	3.78	3.88
2086	Bottled and canned soft drinks.....	-	98.50	98.47	94.40	103.87	-	2.28	2.29	2.17	2.21
209	Misc. foods and kindred products.....	107.52	107.59	107.78	102.41	101.50	2.56	2.58	2.56	2.45	2.44
21	TOBACCO MANUFACTURES	86.14	90.82	94.41	82.68	87.23	2.22	2.39	2.39	2.17	2.32
211	Cigarettes.....	-	111.04	113.98	106.11	104.72	-	2.79	2.78	2.70	2.72
212	Cigars.....	-	64.44	68.81	64.25	63.71	-	1.81	1.83	1.77	1.76
22	TEXTILE MILL PRODUCTS	83.64	81.41	82.82	83.36	82.17	2.04	2.02	2.03	1.98	1.98
221	Weaving mills, cotton.....	83.43	81.40	83.42	86.23	85.63	2.02	2.00	2.01	2.01	2.01
222	Weaving mills, synthetics.....	85.28	84.46	83.43	89.35	89.35	2.05	2.04	2.03	2.04	2.04
223	Weaving and finishing mills, wool.....	92.02	91.81	91.16	88.60	88.39	2.14	2.14	2.13	2.07	2.07
224	Narrow fabric mills.....	82.42	80.80	81.81	81.25	80.48	2.03	2.00	2.01	1.93	1.93
225	Knitting mills.....	76.83	74.11	74.88	73.84	70.27	1.97	1.94	1.94	1.86	1.83
2251	Women's hosiery, except socks.....	-	72.77	74.11	74.59	67.70	-	1.92	1.92	1.86	1.82
2252	Hosiery, n e c.....	-	66.15	66.64	63.41	61.34	-	1.75	1.74	1.63	1.61
2253	Knit outerwear mills.....	-	77.12	78.58	77.80	73.48	-	2.09	2.09	2.00	1.97
2254	Knit underwear mills.....	-	70.47	68.80	69.52	68.11	-	1.84	1.82	1.76	1.72
226	Textile finishing, except wool.....	90.69	88.10	94.81	90.74	89.03	2.18	2.17	2.21	2.13	2.13
227	Floor covering mills.....	-	88.39	88.19	85.43	80.79	-	2.07	2.08	2.01	1.99
228	Yarn and thread mills.....	77.68	75.01	75.39	79.00	78.07	1.89	1.88	1.88	1.85	1.85
229	Miscellaneous textile goods.....	94.85	93.52	94.62	94.38	93.08	2.28	2.27	2.28	2.20	2.19
23	APPAREL AND OTHER TEXTILE PRODUCTS	73.49	72.32	72.52	70.30	67.88	2.03	2.02	2.02	1.90	1.87
231	Men's and boys' suits and coats.....	89.52	85.31	88.67	87.19	85.03	2.40	2.35	2.39	2.23	2.22
232	Men's and boys' furnishings.....	(*)	63.32	63.66	60.10	58.56	(*)	1.73	1.73	1.59	1.57
2321	Men's and boys' shirts and nightwear..	-	62.26	62.42	59.19	57.04	-	1.72	1.71	1.57	1.55
2327	Men's and boys' separate trousers.....	-	63.81	64.70	60.20	59.28	-	1.72	1.73	1.58	1.56
2328	Men's and boys' work clothing.....	-	61.49	61.82	57.60	56.54	-	1.68	1.68	1.54	1.52
233	Women's and misses', outerwear.....	(*)	76.81	74.58	73.43	71.55	(*)	2.22	2.20	2.11	2.08
2331	Women's and misses' blouses and waists.....	-	64.41	63.21	60.89	60.37	-	1.90	1.87	1.77	1.76
2335	Women's and misses', dresses.....	-	75.94	73.13	73.22	69.96	-	2.26	2.25	2.16	2.12
2337	Women's and misses' suits and coats..	-	92.98	90.02	88.15	87.19	-	2.59	2.55	2.49	2.47
2339	Women's and misses' outerwear, n e c..	-	67.49	67.68	63.12	63.10	-	1.88	1.88	1.72	1.71
234	Women's and children's undergarments..	67.51	66.25	65.88	64.09	61.99	1.81	1.82	1.82	1.70	1.68
2341	Women's and children's underwear.....	-	65.31	64.06	61.61	60.43	-	1.77	1.76	1.63	1.62
2342	Corsets and allied garments.....	-	68.35	69.45	68.44	65.52	-	1.92	1.94	1.83	1.82
235	Hats, caps, and millinery.....	-	75.76	72.62	75.38	71.28	-	2.07	2.04	2.01	1.98
236	Children's outerwear.....	66.72	66.91	67.49	63.86	63.86	1.89	1.89	1.88	1.74	1.74
2361	Children's dresses and blouses.....	-	66.76	66.40	62.29	62.44	-	1.87	1.86	1.74	1.72
237,8	Fur goods and miscellaneous apparel....	-	78.18	77.83	74.97	74.54	-	2.19	2.18	2.01	2.02
239	Misc. fabricated textile products.....	77.93	74.91	78.00	76.81	70.48	2.04	2.03	2.08	1.99	1.91
2391,2	Housefurnishings.....	-	65.16	66.77	65.84	62.22	-	1.79	1.79	1.71	1.70
26	PAPER AND ALLIED PRODUCTS	124.56	123.69	122.41	120.77	120.50	2.89	2.89	2.86	2.77	2.77
261,2,6	Paper and pulp mills.....	141.64	141.96	139.67	137.39	137.56	3.19	3.19	3.16	3.06	3.05
263	Paperboard mills.....	(*)	143.68	141.88	138.12	139.38	(*)	3.20	3.16	3.09	3.07
264	Misc. converted paper products.....	107.07	107.64	106.30	104.66	103.91	2.58	2.60	2.58	2.48	2.48
2643	Bags, except textile bags.....	-	101.50	102.75	97.23	97.88	-	2.50	2.50	2.36	2.37
265	Paperboard containers and boxes.....	112.94	109.71	110.88	109.82	108.54	2.67	2.65	2.64	2.56	2.56
2651,2	Folding and setup paperboard boxes....	-	97.76	98.82	97.81	95.65	-	2.45	2.44	2.34	2.35
2653	Corrugated and solid fiber boxes.....	-	117.59	117.85	118.80	115.78	-	2.78	2.76	2.70	2.68

See footnotes at end of table. NOTE: Data for the 2 most recent months are preliminary.

ESTABLISHMENT DATA HOURS AND EARNINGS

C-2: Gross hours and earnings of production workers,¹ by industry--Continued

SIC Code	Industry	Average weekly hours					Average overtime hours				
		Aug. 1967	July 1967	June 1967	Aug. 1966	July 1966	Aug. 1967	July 1967	June 1967	Aug. 1966	July 1966
	<i>Nondurable Goods--Continued</i>										
	FOOD AND KINDRED PRODUCTS--Continued										
202	Dairy products	42.7	43.4	43.0	42.5	43.6	4.6	4.7	3.9	4.6	
2024	Ice cream and frozen desserts.....	-	42.8	42.0	40.7	44.6	-	-	-	-	
2026	Fluid milk	-	43.7	42.9	42.7	43.5	-	-	-	-	
203	Canned, cured, and frozen foods.....	-	38.2	37.9	41.0	39.8	3.3	3.2	3.4	3.7	
2031,6	Canned, cured and frozen sea foods..	-	33.4	35.5	37.2	35.9	-	-	-	-	
2032,3	Canned food, except sea foods.....	-	39.9	38.3	41.7	42.2	-	-	-	-	
2037	Frozen fruits and vegetables	-	37.0	38.5	41.8	36.6	-	-	-	-	
204	Grain mill products	45.8	46.1	44.3	45.2	46.4	7.5	6.1	7.1	7.9	
2041	Flour and other grain mill product ..	-	45.3	44.9	45.6	46.5	-	-	-	-	
2042	Prepared feeds for animals and fowls	-	48.5	45.0	46.7	48.5	-	-	-	-	
205	Bakery products.....	40.4	40.8	40.4	40.8	41.2	3.9	3.8	3.8	4.3	
2051	Bread, cake, and related products ...	-	41.0	40.6	41.1	41.2	-	-	-	-	
2052	Cookies and crackers.....	-	40.3	39.7	39.8	41.1	-	-	-	-	
206	Sugar	-	38.1	39.5	42.1	43.6	4.0	3.6	4.0	4.8	
207	Confectionery and related products ...	41.6	39.8	40.2	40.4	39.0	2.9	2.8	2.9	2.3	
2071	Confectionery products.....	-	39.9	40.2	39.9	38.7	-	-	-	-	
208	Beverages.....	41.8	42.3	42.0	41.7	44.6	4.5	4.9	4.1	6.7	
2082	Malt liquors	-	42.7	41.9	41.0	43.8	-	-	-	-	
2086	Bottled and canned soft drinks.....	-	43.2	43.0	43.5	47.0	-	-	-	-	
209	Misc. foods and kindred products.....	42.0	41.7	42.1	41.8	41.6	4.5	4.8	4.2	4.3	
21	TOBACCO MANUFACTURES	38.8	38.0	39.5	38.1	37.6	1.5	2.2	1.7	1.7	
211	Cigarettes.....	-	39.8	41.0	39.3	38.5	2.3	3.3	2.2	2.5	
212	Cigars.....	-	35.6	37.6	36.3	36.2	.4	1.1	1.2	.8	
22	TEXTILE MILL PRODUCTS	41.0	40.3	40.8	42.1	41.5	3.2	3.5	4.5	4.4	
221	Weaving mills, cotton.....	41.3	40.7	41.5	42.9	42.6	3.4	3.9	5.1	5.5	
222	Weaving mills, synthetics.....	41.6	41.4	41.1	43.8	43.8	3.6	3.2	5.2	5.6	
223	Weaving and finishing mills, wool....	43.0	42.9	42.8	42.8	42.7	4.9	4.5	4.3	5.0	
224	Narrow fabric mills	40.6	40.4	40.7	42.1	41.7	2.7	3.0	3.9	3.7	
225	Knitting mills.....	39.0	38.2	38.6	39.7	38.4	2.3	2.3	3.1	2.6	
2251	Women's hosiery, except socks.....	-	37.9	38.6	40.1	37.2	-	-	-	-	
2252	Hosiery, n e c	-	37.8	38.3	38.9	38.1	-	-	-	-	
2253	Knit outerwear mills.....	-	36.9	37.6	38.9	37.3	-	-	-	-	
2254	Knit underwear mills.....	-	38.3	37.8	39.5	39.6	-	-	-	-	
226	Textile finishing, except wool.....	41.6	40.6	42.9	42.6	41.8	3.8	5.5	4.8	4.5	
227	Floor covering mills.....	-	42.7	42.4	42.5	40.6	4.8	4.9	4.9	3.5	
228	Yarn and thread mills.....	41.1	39.9	40.1	42.7	42.2	3.0	3.4	4.9	4.7	
229	Miscellaneous textile goods.....	41.6	41.2	41.5	42.9	42.5	3.3	3.7	4.7	4.2	
23	APPAREL AND OTHER TEXTILE PRODUCTS	36.2	35.8	35.9	37.0	36.3	1.2	1.2	1.7	1.3	
231	Men's and boys' suits and coats.....	37.3	36.3	37.1	39.1	38.3	.7	1.3	1.8	1.3	
232	Men's and boys' furnishings.....	(*)	36.6	36.8	37.8	37.3	.9	1.0	1.5	1.1	
2321	Men's and boys' shirts and nightwear	-	36.2	36.5	37.7	36.8	-	-	-	-	
2327	Men's and boys' separate trousers...	-	37.1	37.4	38.1	38.0	-	-	-	-	
2328	Men's and boys' work clothing.....	-	36.6	36.8	37.4	37.2	-	-	-	-	
233	Women's and misses' outerwear.....	(*)	34.6	33.9	34.8	34.4	1.3	1.2	1.4	1.3	
2331	Women's and misses' blouses and waists	-	33.9	33.8	34.4	34.3	-	-	-	-	
2335	Women's and misses' dresses.....	-	33.6	32.5	33.9	33.0	-	-	-	-	
2337	Women's and misses' suits and coats...	-	35.9	35.3	35.4	35.3	-	-	-	-	
2339	Women's and misses' outerwear, n e c	-	35.9	36.0	36.7	36.9	-	-	-	-	
234	Women's and children's undergarments..	37.3	36.4	36.2	37.7	36.9	1.3	1.1	1.9	1.5	
2341	Women's and children's underwear...	-	36.9	36.4	37.8	37.3	-	-	-	-	
2342	Corsets and allied garments.....	-	35.6	35.8	37.4	36.0	-	-	-	-	
235	Hats, caps, and millinery.....	-	36.6	35.6	37.5	36.0	1.5	1.0	1.7	1.3	
236	Children's outerwear.....	35.3	35.4	35.9	36.7	36.7	1.3	1.3	1.8	1.8	
2361	Children's dresses and blouses.....	-	35.7	35.7	35.8	36.3	-	-	-	-	
237,8	Fur goods and miscellaneous apparel...	-	35.7	35.7	37.3	36.9	.9	1.1	1.7	1.1	
239	Misc. fabricated textile products.....	38.2	36.9	37.5	38.6	36.9	1.6	1.7	2.5	1.6	
2391,2	Housefurnishings.....	-	36.4	37.3	38.5	36.6	-	-	-	-	
26	PAPER AND ALLIED PRODUCTS	43.1	42.8	42.8	43.6	43.5	5.2	4.9	5.6	5.5	
261,2,6	Paper and pulp mills	44.4	44.5	44.2	44.9	45.1	6.6	5.9	6.4	6.3	
263	Paperboard mills.....	(*)	44.9	44.9	44.7	45.4	7.2	7.1	7.4	7.6	
264	Misc. converted paper products.....	41.5	41.4	41.2	42.2	41.9	3.7	3.5	4.3	4.4	
2643	Bags, except textile bags.....	-	40.6	41.1	41.2	41.3	-	-	-	-	
265	Paperboard containers and boxes.....	42.3	41.4	42.0	42.9	42.4	4.3	4.2	5.1	4.9	
2651,2	Folding and setup paperboard boxes..	-	39.9	40.5	41.8	40.7	-	-	-	-	
2653	Corrugated and solid fiber boxes....	-	42.3	42.7	44.0	43.2	-	-	-	-	

See footnotes at end of table. NOTE: Data for the 2 most recent months are preliminary.

ESTABLISHMENT DATA HOURS AND EARNINGS

C-2: Gross hours and earnings of production workers,¹ by industry--Continued

SIC Code	Industry	Average weekly earnings					Average hourly earnings				
		Aug. 1967	July 1967	June 1967	Aug. 1966	July 1966	Aug. 1967	July 1967	June 1967	Aug. 1966	July 1966
<i>Nondurable Goods--Continued</i>											
27	PRINTING AND PUBLISHING	\$125.90	\$125.24	\$124.86	\$123.24	\$122.22	\$3.27	\$3.27	\$3.26	\$3.16	\$3.15
271	Newspapers.....	129.60	128.52	129.95	125.90	124.53	3.59	3.57	3.58	3.44	3.44
272	Periodicals.....	-	138.17	133.12	133.66	133.50	-	3.42	3.37	3.26	3.28
273	Books.....	-	112.40	112.16	115.78	114.11	-	2.81	2.79	2.75	2.73
275	Commercial printing	130.35	129.30	128.58	127.20	126.25	3.30	3.29	3.28	3.18	3.18
2751	Commercial printing, ex. lithographic	-	125.32	125.71	123.95	121.99	-	3.23	3.24	3.13	3.12
2752	Commercial printing, lithographic.....	-	137.30	135.14	133.74	133.82	-	3.39	3.37	3.27	3.28
278	Blankbooks and bookbinding	96.11	94.75	96.64	94.23	92.97	2.49	2.50	2.51	2.41	2.39
274,6,7,9	Other publishing & printing ind.....	127.44	125.68	125.68	124.94	123.38	3.31	3.29	3.29	3.22	3.18
28	CHEMICALS AND ALLIED PRODUCTS ...	129.58	129.90	128.65	125.70	125.70	3.13	3.13	3.10	3.00	3.00
281	Industrial chemicals	(*)	144.97	143.72	140.19	141.53	(*)	3.46	3.43	3.33	3.33
2812	Alkalies and chlorine	-	145.53	141.32	136.29	139.26	-	3.49	3.43	3.30	3.30
2818	Industrial organic chemicals, n e c ..	-	153.67	151.68	150.30	153.64	-	3.65	3.62	3.52	3.54
2819	Industrial inorganic chemicals, n e c ..	-	140.45	139.70	133.72	133.63	-	3.36	3.35	3.23	3.22
282	Plastics materials and synthetics.....	129.16	129.89	128.63	125.63	126.52	3.09	3.10	3.07	2.97	2.97
2821	Plastics materials and resins	-	139.43	137.71	136.84	139.15	-	3.25	3.21	3.11	3.12
2823,4	Synthetic fibers	-	118.37	117.55	112.75	113.44	-	2.88	2.86	2.75	2.76
283	Drugs.....	115.66	114.57	114.97	110.95	110.68	2.87	2.85	2.86	2.76	2.76
2834	Pharmaceutical preparations	-	108.74	109.42	105.99	104.91	-	2.76	2.77	2.69	2.69
284	Soap, cleaners, and toilet goods.....	125.87	126.07	124.34	122.93	121.42	3.07	3.09	3.04	2.92	2.94
2841	Soap and other detergents.....	-	161.73	154.40	153.30	151.01	-	3.77	3.65	3.50	3.52
2844	Toilet preparations	-	97.39	99.43	97.51	96.38	-	2.51	2.53	2.39	2.44
285	Paints and allied products	121.72	121.60	122.47	118.58	118.01	2.94	2.93	2.93	2.83	2.83
287	Agricultural chemicals	108.09	110.40	107.19	103.81	104.23	2.63	2.61	2.54	2.46	2.47
2871,2	Fertilizers, complete & mixing only ..	-	106.60	103.39	99.12	99.96	-	2.52	2.45	2.36	2.38
286,9	Other chemical products	123.49	123.00	123.37	121.09	120.38	2.99	3.00	2.98	2.89	2.88
29	PETROLEUM AND COAL PRODUCTS	151.30	156.24	152.72	142.72	147.06	3.56	3.60	3.56	3.39	3.42
291	Petroleum refining.....	(*)	163.07	159.47	148.57	153.91	(*)	3.81	3.77	3.58	3.63
295,9	Other petroleum and coal products ...	134.54	134.23	131.24	123.48	124.82	2.97	2.95	2.91	2.80	2.78
30	RUBBER AND PLASTICS PRODUCTS, N E C	113.16	105.06	109.03	111.72	110.95	2.74	2.62	2.64	2.66	2.68
301	Tires and inner tubes	(*)	142.60	164.94	163.02	162.94	(*)	3.61	3.69	3.68	3.72
302,3,6	Other rubber products	(*)	104.54	107.30	107.33	104.34	(*)	2.62	2.63	2.58	2.57
307	Miscellaneous plastics products.....	95.18	95.51	96.29	93.52	92.84	2.35	2.37	2.36	2.27	2.27
31	LEATHER AND LEATHER PRODUCTS ...	81.12	79.95	79.28	75.85	74.49	2.08	2.05	2.07	1.94	1.91
311	Leather tanning and finishing	104.94	102.96	107.45	100.19	100.44	2.63	2.60	2.64	2.48	2.48
314	Footwear, except rubber.....	78.98	77.81	76.20	73.32	72.71	2.02	1.98	2.00	1.88	1.85
312,3,5,7,9	Other leather products	78.54	77.14	76.73	73.71	70.88	2.04	2.03	2.03	1.89	1.88
317	Handbags and personal leather goods..	-	73.70	72.89	70.49	68.63	-	1.96	1.97	1.85	1.84
TRANSPORTATION AND PUBLIC UTILITIES:											
RAILROAD TRANSPORTATION:											
4011	Class I railroads ²	-	(*)	(*)	136.34	134.11	-	(*)	(*)	3.05	3.09
LOCAL AND INTERURBAN PASSENGER TRANSPORT:											
411	Local and suburban transportation	-	119.28	117.32	113.48	114.44	-	2.80	2.78	2.67	2.68
413	Intercity highway transportation	-	153.72	150.34	160.32	149.61	-	3.55	3.48	3.34	3.31
42	TRUCKING AND WAREHOUSING	-	141.19	141.34	136.63	136.42	-	3.33	3.31	3.17	3.18
422	Public warehousing	-	101.85	101.66	98.71	99.39	-	2.54	2.51	2.39	2.43
46	PIPE LINE TRANSPORTATION	-	159.83	155.77	148.37	150.38	-	3.87	3.79	3.61	3.65
48	COMMUNICATION	-	120.50	119.59	117.62	119.19	-	3.02	3.02	2.89	2.90
481	Telephone communication	-	114.34	113.87	112.33	114.12	-	2.88	2.89	2.76	2.77
4817	Switchboard operating employees ³ ..	-	85.08	84.73	83.03	85.20	-	2.37	2.38	2.25	2.26
4818	Line construction employees ⁴	-	161.19	160.92	160.54	162.74	-	3.59	3.60	3.46	3.47
482	Telegraph employees ⁵	-	136.71	135.14	131.37	131.07	-	3.15	3.15	3.02	3.02
483	Radio and television broadcasting	-	157.19	154.81	149.27	152.05	-	3.92	3.88	3.76	3.83
49	ELECTRIC, GAS, AND SANITARY SERVICES	-	142.76	142.00	136.95	139.77	-	3.44	3.43	3.30	3.32
491	Electric companies and systems.....	-	146.72	145.95	140.03	143.90	-	3.51	3.50	3.35	3.37
492	Gas companies and systems.....	-	130.65	128.88	124.64	124.64	-	3.21	3.19	3.04	3.04
493	Combination companies and systems ..	-	153.35	153.77	148.93	152.70	-	3.66	3.67	3.58	3.61
494-7	Water, steam & sanitary systems.....	-	114.49	113.52	109.74	112.17	-	2.82	2.81	2.67	2.69

See footnotes at end of table. NOTE: Data for the 2 most recent months are preliminary.

**ESTABLISHMENT DATA
HOURS AND EARNINGS**

C-2: Gross hours and earnings of production workers,¹ by industry--Continued

SIC Code	Industry	Average weekly hours					Average overtime hours				
		Aug. 1967	July 1967	June 1967	Aug. 1966	July 1966	Aug. 1967	July 1967	June 1967	Aug. 1966	July 1966
<i>Nondurable Goods--Continued</i>											
27	PRINTING AND PUBLISHING	38.5	38.3	38.3	39.0	38.8	-	3.0	3.0	3.7	3.4
271	Newspapers.....	36.1	36.0	36.3	36.6	36.2	-	2.4	2.9	2.7	2.6
272	Periodicals.....	-	40.4	39.5	41.0	40.7	-	4.4	3.3	4.6	4.0
273	Books.....	-	40.0	40.2	42.1	41.8	-	3.2	3.0	5.4	4.9
275	Commercial printing.....	39.5	39.3	39.2	40.0	39.7	-	3.4	3.2	4.1	3.8
2751	Commercial printing, ex. lithographic.....	-	38.8	38.8	39.6	39.1	-	-	-	-	-
2752	Commercial printing, lithographic.....	-	40.5	40.1	40.9	40.8	-	-	-	-	-
278	Blankbooks and bookbinding.....	38.6	37.9	38.5	39.1	38.9	-	1.8	3.1	3.2	2.8
274,6,7,9	Misc. publishing & printing ind.	38.5	38.2	38.2	38.8	38.8	-	3.0	2.8	3.5	3.2
28	CHEMICALS AND ALLIED PRODUCTS..	41.4	41.5	41.5	41.9	41.9	-	2.9	2.9	3.4	3.3
281	Industrial chemicals.....	(*)	41.9	41.9	42.1	42.5	-	3.2	3.0	3.4	3.5
2812	Alkalies and chlorine.....	-	41.7	41.2	41.3	42.2	-	-	-	-	-
2818	Industrial organic chemicals, n.e.c....	-	42.1	41.9	42.7	43.4	-	-	-	-	-
2819	Industrial inorganic chemicals, n.e.c....	-	41.8	41.7	41.4	41.5	-	-	-	-	-
282	Plastics materials and synthetics.....	41.8	41.9	41.9	42.3	42.6	-	2.7	2.8	3.5	3.5
2821	Plastics materials and resins.....	-	42.9	42.9	44.0	44.6	-	-	-	-	-
2823,4	Synthetic fibers.....	-	41.1	41.1	41.0	41.1	-	-	-	-	-
283	Drugs.....	40.3	40.2	40.2	40.2	40.1	-	2.0	2.1	2.6	2.2
2834	Pharmaceutical preparations.....	-	39.4	39.5	39.4	39.0	-	-	-	-	-
284	Soap, cleaners, and toilet goods.....	41.0	40.8	40.9	42.1	41.3	-	3.1	2.7	3.8	3.1
2841	Soap and other detergents.....	-	42.9	42.3	43.8	42.9	-	-	-	-	-
2844	Toilet preparations.....	-	38.8	39.3	40.8	39.5	-	-	-	-	-
285	Paints and allied products.....	41.4	41.5	41.8	41.9	41.7	-	2.9	3.2	3.3	3.0
287	Agricultural chemicals.....	41.1	42.3	42.2	42.2	42.2	-	3.7	3.6	3.7	3.8
2871,2	Fertilizers, complete & mixing only..	-	42.3	42.2	42.0	42.0	-	-	-	-	-
286,9	Other chemical products.....	41.3	41.0	41.4	41.9	41.8	-	2.9	3.4	3.3	3.3
29	PETROLEUM AND COAL PRODUCTS.....	42.5	43.4	42.9	42.1	43.0	-	4.1	3.7	3.0	3.7
291	Petroleum refining.....	(*)	42.8	42.3	41.5	42.4	-	3.2	2.8	2.2	2.7
295,9	Other petroleum and coal products.....	45.3	45.5	45.1	44.1	44.9	-	7.3	6.8	5.7	6.7
30	RUBBER AND PLASTICS PRODUCTS, NEC..	41.3	40.1	41.3	42.0	41.4	-	3.2	3.9	4.3	3.9
301	Tires and inner tubes.....	(*)	39.5	41.7	44.3	43.8	-	4.2	6.7	5.7	5.8
302,3,6	Other rubber products.....	(*)	39.9	40.8	41.6	40.6	-	2.8	3.3	4.0	3.3
307	Miscellaneous plastics products.....	40.5	40.3	40.8	41.2	40.9	-	3.1	3.7	4.0	3.6
31	LEATHER AND LEATHER PRODUCTS.....	39.0	39.0	38.3	39.1	39.0	-	1.8	1.8	2.2	2.2
311	Leather tanning and finishing.....	39.9	39.6	40.7	40.4	40.5	-	2.9	3.8	3.3	3.4
314	Footwear, except rubber.....	39.1	39.3	38.1	39.0	39.3	-	1.6	1.5	2.0	2.1
312,3,5-7,9	Other leather products.....	38.5	38.0	37.8	39.0	37.7	-	1.9	1.9	2.5	1.8
317	Handbags and personal leather goods..	-	37.6	37.0	38.1	37.3	-	1.8	1.6	2.7	1.8
TRANSPORTATION AND PUBLIC UTILITIES:											
RAILROAD TRANSPORTATION:											
.1	Class I railroads ²	-	(*)	(*)	44.7	43.4	-	-	-	-	-
LOCAL AND INTERURBAN PASSENGER TRANSIT:											
411	Local and suburban transportation.....	-	42.6	42.2	42.5	42.7	-	-	-	-	-
413	Intercity highway transportation.....	-	43.3	43.2	48.0	45.2	-	-	-	-	-
42	TRUCKING AND WAREHOUSING.....	-	42.4	42.7	43.1	42.9	-	-	-	-	-
422	Public warehousing.....	-	40.1	40.5	41.3	40.9	-	-	-	-	-
46	PIPE LINE TRANSPORTATION.....	-	41.3	41.1	41.1	41.2	-	-	-	-	-
48	COMMUNICATION.....	-	39.9	39.6	40.7	41.1	-	-	-	-	-
481	Telephone communication.....	-	39.7	39.4	40.7	41.2	-	-	-	-	-
4817	Switchboard operating employees ³	-	35.9	35.6	36.9	37.7	-	-	-	-	-
4818	Line construction employees ¹	-	44.9	44.7	46.4	46.9	-	-	-	-	-
482	Telegraph communication ⁵	-	43.4	42.9	43.5	43.4	-	-	-	-	-
483	Radio and television broadcasting.....	-	40.1	39.9	39.7	39.7	-	-	-	-	-
49	ELECTRIC, GAS, AND SANITARY SERVICES	-	41.5	41.4	41.5	42.1	-	-	-	-	-
491	Electric companies and systems.....	-	41.8	41.7	41.8	42.7	-	-	-	-	-
492	Gas companies and systems.....	-	40.7	40.4	41.0	41.0	-	-	-	-	-
493	Combination companies and systems...	-	41.9	41.9	41.6	42.3	-	-	-	-	-
494-7	Water, steam, & sanitary systems.....	-	40.6	40.4	41.1	41.7	-	-	-	-	-

See footnotes at end of table. NOTE: Data for the 2 most recent months are preliminary.

ESTABLISHMENT DATA HOURS AND EARNINGS

C-2: Gross hours and earnings of production workers,¹ by industry--Continued

SIC Code	Industry	Average weekly earnings					Average hourly earnings				
		Aug. 1967	July 1967	June 1967	Aug. 1966	July 1966	Aug. 1967	July 1967	June 1967	Aug. 1966	July 1966
-	WHOLESALE AND RETAIL TRADE	\$84.00	\$84.15	\$82.80	\$80.73	\$80.94	\$2.24	\$2.25	\$2.25	\$2.13	\$2.13
50	WHOLESALE TRADE	116.64	117.33	116.64	111.38	112.20	2.88	2.89	2.88	2.73	2.73
501	Motor vehicles & automotive equipment.....	-	107.23	107.38	103.42	105.58	-	2.59	2.60	2.48	2.49
502	Drugs, chemicals, and allied products.....	-	120.90	117.90	113.08	114.33	-	3.03	3.00	2.82	2.83
503	Dry goods and apparel.....	-	114.00	112.48	109.16	107.82	-	3.00	2.96	2.85	2.83
504	Groceries and related products.....	-	111.76	108.79	103.91	106.17	-	2.68	2.66	2.51	2.51
506	Electrical goods.....	-	129.25	129.63	123.65	123.48	-	3.07	3.05	2.93	2.94
507	Hardware; plumbing & heating equipment.....	-	111.78	111.10	106.90	106.34	-	2.76	2.75	2.62	2.60
508	Machinery, equipment, and supplies.....	-	129.83	129.51	123.49	123.37	-	3.19	3.19	2.99	2.98
509	Miscellaneous wholesalers.....	-	115.20	114.80	110.83	111.10	-	2.88	2.87	2.75	2.75
52-59	RETAIL TRADE	73.00	73.16	71.56	70.11	70.48	2.00	2.01	2.01	1.90	1.91
53	Retail general merchandise.....	-	66.05	64.35	62.59	62.93	-	1.96	1.95	1.83	1.84
531	Department stores.....	-	70.10	68.31	66.50	67.18	-	2.08	2.07	1.95	1.97
532	Mail order houses.....	-	76.82	76.38	71.66	71.55	-	2.17	2.17	2.03	2.05
533	Variety stores.....	-	51.51	49.57	47.85	47.40	-	1.63	1.62	1.50	1.50
54	Food stores.....	-	77.70	75.70	75.19	75.40	-	2.22	2.22	2.13	2.13
541-3	Grocery, meat, and vegetable stores.....	-	78.98	76.83	76.25	76.68	-	2.25	2.24	2.16	2.16
56	Apparel and accessory stores.....	-	63.65	62.59	59.66	60.86	-	1.90	1.92	1.76	1.79
561	Men's & boys' clothing & furnishings.....	-	76.60	76.47	73.64	74.78	-	2.17	2.21	2.04	2.06
562	Women's ready-to-wear stores.....	-	58.10	56.72	52.63	54.76	-	1.75	1.74	1.59	1.62
565	Family clothing stores.....	-	61.52	60.78	59.81	59.94	-	1.87	1.87	1.78	1.80
566	Shoe stores.....	-	64.68	62.51	60.52	60.02	-	1.96	2.01	1.78	1.83
57	Furniture and home furnishings stores.....	-	95.16	93.27	91.37	91.37	-	2.44	2.41	2.29	2.29
571	Furniture and home furnishings.....	-	93.45	92.58	91.20	90.12	-	2.39	2.38	2.28	2.27
58	Eating and drinking places ⁶	-	51.21	50.06	48.93	48.79	-	1.48	1.49	1.39	1.39
52,55,59	Other retail trade.....	-	90.27	88.93	86.90	87.53	-	2.24	2.24	2.13	2.14
52	Building materials and farm equipment.....	-	97.06	96.41	93.28	93.51	-	2.30	2.29	2.20	2.19
551,2	Motor vehicle dealers.....	-	115.33	114.48	109.82	111.20	-	2.72	2.70	2.56	2.58
553,9	Other automotive & accessory dealers.....	-	95.91	94.61	91.54	92.82	-	2.21	2.19	2.09	2.10
591	Drug stores and proprietary stores.....	-	67.36	65.43	64.60	65.33	-	1.93	1.93	1.83	1.83
598	Fuel and ice dealers.....	-	102.41	102.50	97.70	98.75	-	2.51	2.50	2.36	2.34
-	FINANCE, INSURANCE, AND REAL ESTATE ⁷	97.09	97.20	96.20	92.13	92.50	2.61	2.62	2.60	2.47	2.48
60	Banking.....	-	86.54	85.47	82.21	82.43	-	2.32	2.31	2.21	2.21
61	Credit agencies other than banks.....	-	90.62	88.40	85.96	86.41	-	2.41	2.37	2.28	2.28
612	Savings and loan associations.....	-	92.74	88.56	87.05	89.07	-	2.46	2.40	2.34	2.35
62	Security, commodity brokers & services.....	-	153.12	152.76	132.82	135.42	-	4.04	4.02	3.58	3.65
63	Insurance carriers.....	-	103.04	102.77	99.32	99.80	-	2.77	2.77	2.67	2.69
631	Life insurance.....	-	104.03	103.66	100.10	99.65	-	2.85	2.84	2.72	2.73
632	Accident and health insurance.....	-	90.28	88.45	89.65	88.91	-	2.46	2.41	2.41	2.39
633	Fire, marine, and casualty insurance.....	-	104.33	104.43	101.41	101.90	-	2.76	2.77	2.69	2.71
-	SERVICES:										
	Hotels and other lodging places:										
701	Hotels, tourist courts, and motels ⁶	-	57.07	56.36	53.96	54.10	-	1.53	1.54	1.42	1.42
	Personal Services:										
721	Laundries and dry cleaning plants.....	-	65.42	65.77	60.74	61.76	-	1.74	1.74	1.59	1.60
	Motion pictures:										
781	Motion picture filming & distributing.....	-	164.37	162.38	162.93	166.49	-	3.98	3.98	3.87	3.89

NOTE: Data for the 2 most recent months are preliminary.

**ESTABLISHMENT DATA
HOURS AND EARNINGS**

C-2: Gross hours and earnings of production workers,¹ by industry--Continued

SIC Code	Industry	Average weekly hours					Average overtime hours				
		Aug. 1967	July 1967	June 1967	Aug. 1966	July 1966	Aug. 1967	July 1967	June 1967	Aug. 1966	July 1966
-	WHOLESALE AND RETAIL TRADE.....	37.5	37.4	36.8	37.9	38.0					
50	WHOLESALE TRADE.....	40.5	40.6	40.5	40.8	41.1	-	-	-	-	-
501	Motor vehicles & automotive equipment..	-	41.4	41.3	41.7	42.4	-	-	-	-	-
502	Drugs, chemicals, and allied products...	-	39.9	39.3	40.1	40.4	-	-	-	-	-
503	Dry goods and apparel.....	-	38.0	38.0	38.3	38.1	-	-	-	-	-
504	Groceries and related products.....	-	41.7	40.9	41.4	42.3	-	-	-	-	-
506	Electrical goods.....	-	42.1	42.5	42.2	42.0	-	-	-	-	-
507	Hardware; plumbing & heating equipment	-	40.5	40.4	40.8	40.9	-	-	-	-	-
508	Machinery, equipment, and supplies....	-	40.7	40.6	41.3	41.4	-	-	-	-	-
509	Miscellaneous wholesalers.....	-	40.0	40.0	40.3	40.4	-	-	-	-	-
52-59	RETAIL TRADE.....	36.5	36.4	35.6	36.9	36.9	-	-	-	-	-
53	Retail general merchandise.....	-	33.7	33.0	34.2	34.2	-	-	-	-	-
531	Department stores.....	-	33.7	33.0	34.1	34.1	-	-	-	-	-
532	Mail order houses.....	-	35.4	35.2	35.3	34.9	-	-	-	-	-
533	Variety stores.....	-	31.6	30.6	31.9	31.6	-	-	-	-	-
54	Food stores.....	-	35.0	34.1	35.3	35.4	-	-	-	-	-
541-3	Grocery, meat, and vegetable stores...	-	35.1	34.3	35.3	35.5	-	-	-	-	-
56	Apparel and accessory stores.....	-	33.5	32.6	33.9	34.0	-	-	-	-	-
561	Men's & boys' clothing & furnishings..	-	35.3	34.6	36.1	36.3	-	-	-	-	-
562	Women's ready-to-wear stores.....	-	33.2	32.6	33.1	33.8	-	-	-	-	-
565	Family clothing stores.....	-	32.9	32.5	33.6	33.3	-	-	-	-	-
566	Shoe stores.....	-	33.0	31.1	34.0	32.8	-	-	-	-	-
57	Furniture and home furnishings stores..	-	39.0	38.7	39.9	39.9	-	-	-	-	-
571	Furniture and home furnishings.....	-	39.1	38.9	40.0	39.7	-	-	-	-	-
58	Eating and drinking places ⁶	-	34.6	33.6	35.2	35.1	-	-	-	-	-
52,55,59	Other retail trade.....	-	40.3	39.7	40.8	40.9	-	-	-	-	-
52	Building materials and farm equipment	-	42.2	42.1	42.4	42.7	-	-	-	-	-
551,2	Motor vehicle dealers.....	-	42.4	42.4	42.9	43.1	-	-	-	-	-
553,9	Other automotive & accessory dealers.	-	43.4	43.2	43.8	44.2	-	-	-	-	-
591	Drug stores & proprietary stores.....	-	34.9	33.9	35.3	35.7	-	-	-	-	-
598	Fuel and ice dealers.....	-	40.8	41.0	41.4	42.2	-	-	-	-	-
-	FINANCE, INSURANCE, AND REAL ESTATE⁷.....	37.2	37.1	37.0	37.3	37.3					
60	Banking.....	-	37.3	37.0	37.2	37.3	-	-	-	-	-
61	Credit agencies other than banks.....	-	37.6	37.3	37.7	37.9	-	-	-	-	-
612	Savings and loan associations.....	-	37.7	36.9	37.2	37.9	-	-	-	-	-
62	Security, commodity brokers & services.	-	37.9	38.0	37.1	37.1	-	-	-	-	-
63	Insurance carriers.....	-	37.2	37.1	37.2	37.1	-	-	-	-	-
631	Life insurance.....	-	36.5	36.5	36.8	36.5	-	-	-	-	-
632	Accident and health insurance.....	-	36.7	36.7	37.2	37.2	-	-	-	-	-
633	Fire, marine, and casualty insurance..	-	37.8	37.7	37.7	37.6	-	-	-	-	-
-	SERVICES:										
701	Hotels and other lodging places: Hotels, tourist courts, and motels ⁶ ...	-	37.3	36.6	38.0	38.1	-	-	-	-	-
721	Personal Services: Laundries & dry cleaning plants.....	-	37.6	37.8	38.2	38.6	-	-	-	-	-
781	Motion pictures: Motion picture filming & distributing..	-	41.3	40.8	42.1	42.8	-	-	-	-	-

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 1966, such employees made up 33 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 1966, such employees made up 33 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.

NOTE: Data for the 2 most recent months are 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	1967						1966						
	June	May	Apr.	Mar.	Feb.	Jan.	Dec.	Nov.	Oct.	Sept.	Aug.	July	June
EXECUTIVE BRANCH													
Total employment	2,731.8	2,657.2	2,650.3	2,635.7	2,619.7	2,609.3	2,736.4	2,608.2	2,579.3	2,556.3	2,598.1	2,597.7	2,559.8
Average weekly hours	39.1	39.0	39.0	39.2	39.6	39.6	40.8	39.7	39.4	39.2	39.8	39.8	39.5
Average overtime hours	.9	.9	.9	.8	.9	1.2	2.4	1.0	.9	1.0	1.0	1.0	1.3
Indexes (1965=100):													
Average weekly earnings	102.2	102.5	102.2	102.4	103.8	103.8	107.5	103.2	102.1	102.4	101.4	100.9	100.1
Average hourly earnings	105.8	106.4	106.1	105.8	106.1	106.1	106.7	105.3	105.0	105.8	103.2	102.6	102.6
DEPARTMENT OF DEFENSE													
Total employment	1,135.3	1,103.0	1,100.4	1,098.1	1,092.7	1,084.3	1,076.3	1,071.7	1,057.4	1,042.8	1,055.4	1,050.7	1,034.8
Average weekly hours	40.5	40.1	40.0	40.3	40.6	40.7	40.2	40.8	41.0	40.4	41.0	40.7	40.8
Average overtime hours	1.3	1.2	1.2	1.1	1.2	1.3	1.4	1.4	1.3	1.4	1.5	1.6	1.9
Indexes (1965=100):													
Average weekly earnings	103.3	103.7	102.9	103.1	104.1	103.5	102.8	104.1	102.8	103.6	102.5	101.8	102.3
Average hourly earnings	104.0	105.5	104.9	104.3	104.6	103.8	104.3	104.1	102.3	104.6	102.0	102.0	102.3
POST OFFICE DEPARTMENT													
Total employment	714.4	697.8	696.9	693.1	689.4	697.2	837.8	706.3	689.6	682.0	689.4	683.1	673.6
Average weekly hours	37.5	37.7	37.7	38.1	38.7	38.7	43.8	38.4	37.0	37.2	37.7	38.0	37.5
Average overtime hours	.4	.5	.5	.6	.6	1.8	5.9	.7	.5	.6	.3	.3	.6
Indexes (1965=100):													
Average weekly earnings	95.6	96.4	96.7	97.7	99.3	100.8	118.3	98.2	96.1	96.9	95.8	96.6	94.1
Average hourly earnings	105.3	105.6	105.9	105.9	105.9	107.6	111.6	105.6	107.3	107.6	105.0	105.0	103.6
OTHER AGENCIES													
Total employment	882.1	856.4	853.0	844.5	837.6	827.8	822.3	830.2	832.3	831.5	853.3	863.9	851.4
Average weekly hours	38.5	38.7	38.8	38.8	38.9	38.7	38.9	39.4	39.3	39.5	39.9	40.1	39.4
Average overtime hours	.8	.7	.7	.6	.7	.7	.7	.8	.8	.9	.8	.9	1.1
Indexes (1965=100):													
Average weekly earnings	106.4	105.7	105.9	105.7	106.8	106.5	106.2	107.0	106.2	105.7	104.0	103.4	101.9
Average hourly earnings	109.2	107.9	107.9	107.6	108.4	108.7	107.9	107.3	106.8	105.7	103.0	101.9	102.2

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				
	Aug. 1967	July 1967	June 1967	Aug. 1966	July 1966
MANUFACTURING	\$2.71	\$2.71	\$2.71	\$2.58	\$2.59
DURABLE GOODS	2.88	2.88	2.88	2.74	2.75
Ordnance and accessories	-	3.10	3.09	3.05	3.03
Lumber and wood products	-	2.30	2.29	2.18	2.16
Furniture and fixtures	-	2.24	2.23	2.11	2.11
Stone, clay, and glass products	-	2.69	2.68	2.59	2.57
Primary metal industries	-	3.22	3.20	3.13	3.15
Fabricated metal products	-	2.84	2.83	2.72	2.72
Machinery, except electrical	-	3.03	3.02	2.89	2.89
Electrical equipment and supplies	-	2.71	2.71	2.53	2.53
Transportation equipment	-	3.27	3.27	3.13	3.13
Instruments and related products	-	2.76	2.74	2.61	2.61
Miscellaneous manufacturing industries	-	2.28	2.27	2.12	2.14
NONDURABLE GOODS	2.47	2.47	2.46	2.34	2.35
Food and kindred products	-	2.50	2.51	2.37	2.39
Tobacco manufactures	-	2.34	2.32	2.12	2.27
Textile mill products	-	1.94	1.94	1.88	1.88
Apparel and other textile products	-	1.98	1.98	1.85	1.84
Paper and allied products	-	2.72	2.70	2.60	2.60
Printing and publishing	-	(2)	(2)	(2)	(2)
Chemicals and allied products	-	3.02	2.99	2.89	2.89
Petroleum and coal products	-	3.44	3.42	3.27	3.28
Rubber and plastics products, n e c	-	2.52	2.52	2.53	2.55
Leather and leather products	-	2.00	2.02	1.88	1.86

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.

NOTE: Data for the 2 most recent months are 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 1957-59 dollars**

Industry	Gross average weekly earnings			Spendable average weekly earnings					
	July 1967	June 1967	July 1966	Worker with no dependents			Worker with three dependents		
				July 1967	June 1967	July 1966	July 1967	June 1967	July 1966
TOTAL PRIVATE:									
Current dollars	\$102.53	\$101.88	\$99.84	\$83.91	\$83.42	\$82.07	\$91.41	\$90.90	\$89.47
1957-59 dollars	88.01	87.83	88.12	72.03	71.91	72.44	78.46	78.36	78.97
MINING:									
Current dollars	140.18	136.53	131.89	113.03	110.11	106.64	122.09	119.06	115.38
1957-59 dollars	120.33	117.70	116.41	97.02	94.92	94.12	104.80	102.64	101.84
CONTRACT CONSTRUCTION:									
Current dollars	157.51	153.56	150.15	126.49	123.43	121.04	136.46	133.18	130.60
1957-59 dollars	135.20	132.38	132.52	108.58	106.41	106.83	117.13	114.81	115.27
MANUFACTURING:									
Current dollars	113.93	114.49	111.38	92.55	92.97	90.84	100.49	100.93	98.68
1957-59 dollars	97.79	98.70	98.31	79.44	80.15	80.18	86.26	87.01	87.10
WHOLESALE AND RETAIL TRADE:									
Current dollars	84.15	82.80	80.94	69.60	68.54	67.24	76.67	75.59	74.25
1957-59 dollars	72.23	71.38	71.44	59.74	59.09	59.35	65.81	65.16	65.53
FINANCE, INSURANCE, AND REAL ESTATE:									
Current dollars	97.20	96.20	92.50	79.84	79.06	76.34	87.17	86.38	83.59
1957-59 dollars	83.43	82.93	81.64	68.53	68.16	67.38	74.82	74.47	73.78

¹For coverage of series, see footnote 1, table B-2.
NOTE: Data for the current month are preliminary.

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

Industry	1957-59=100				
	Aug. 1967	July 1967	June 1967	Aug. 1966	July 1966
	Man-hours				
TOTAL	116.4	113.8	114.8	120.2	117.8
MINING	81.9	84.5	83.0	86.0	85.5
CONTRACT CONSTRUCTION	129.4	127.8	120.2	131.9	132.9
MANUFACTURING	115.8	112.8	115.4	119.7	116.7
DURABLE GOODS	118.5	117.4	121.0	123.9	122.2
Ordnance and accessories	179.4	173.9	171.5	146.8	144.0
Lumber and wood products	97.0	95.7	97.1	102.3	101.9
Furniture and fixtures	124.4	117.0	120.5	133.2	124.0
Stone, clay, and glass products	110.5	109.5	109.6	116.1	115.3
Primary metal industries	105.2	107.7	110.2	119.1	118.0
Fabricated metal products	123.2	120.2	124.8	126.9	122.5
Machinery, except electrical	135.5	134.6	138.2	139.2	137.8
Electrical equipment and supplies	136.2	133.6	134.6	148.4	142.0
Transportation equipment	105.2	106.6	115.0	103.4	109.8
Instruments and related products	130.1	125.9	129.1	128.9	126.6
Miscellaneous manufacturing industries	109.0	104.4	110.4	118.4	108.3
NONDURABLE GOODS	112.3	106.8	108.0	114.3	109.5
Food and kindred products	105.7	99.4	96.2	107.7	100.7
Tobacco manufactures	96.8	75.2	77.1	88.1	70.5
Textile mill products	102.7	98.4	102.2	108.4	104.5
Apparel and other textile products	117.9	111.3	116.2	122.8	114.5
Paper and allied products	119.5	116.9	118.0	117.7	116.5
Printing and publishing	119.3	118.0	118.6	117.4	115.9
Chemicals and allied products	118.0	117.4	117.4	118.1	117.1
Petroleum and coal products	86.6	87.4	85.7	83.7	85.4
Rubber and plastics products, nec.	147.5	124.2	130.9	148.4	142.5
Leather and leather products	98.5	94.2	95.2	104.2	99.5
	Payrolls				
MINING	106.3	109.4	106.2	105.8	104.8
CONTRACT CONSTRUCTION	187.5	184.5	171.1	181.9	181.3
MANUFACTURING	154.3	150.6	153.8	152.9	149.6

¹For mining and manufacturing, data refer to production and related workers; for contract-construction, data relate to construction workers.
NOTE: Data for the 2 most recent months are preliminary.

**ESTABLISHMENT DATA
SEASONALLY ADJUSTED HOURS**

**C-7: Average weekly hours of production workers on payrolls of selected industries¹
seasonally adjusted**

Industry	Aug. 1967	July 1967	June 1967	May 1967	Apr. 1967	Mar. 1967	Feb. 1967	Jan. 1967	Dec. 1966	Nov. 1966	Oct. 1966	Sept. 1966	Aug. 1966
MINING	43.1	43.3	42.2	42.0	42.7	42.4	42.2	42.6	42.5	42.7	42.7	42.8	42.7
CONTRACT CONSTRUCTION	37.5	37.5	37.4	36.4	37.4	37.4	37.6	38.2	38.1	37.4	37.5	37.7	37.2
MANUFACTURING	40.6	40.5	40.3	40.3	40.5	40.4	40.3	41.0	41.0	41.3	41.3	41.4	41.4
<i>Overtime hours</i>	3.2	3.4	3.2	3.2	3.2	3.3	3.4	3.6	3.5	3.8	3.9	3.9	3.9
DURABLE GOODS	41.3	41.0	40.9	41.0	41.0	41.1	41.0	41.7	41.7	42.1	42.1	42.3	42.2
<i>Overtime hours</i>	3.5	3.6	3.3	3.3	3.3	3.5	3.7	3.9	3.9	4.2	4.3	4.3	4.3
Ordnance and accessories	42.2	42.0	41.2	42.0	41.6	41.9	41.7	42.0	42.0	42.4	42.1	42.3	42.1
Lumber and wood products	40.0	40.0	40.1	40.1	40.6	40.7	40.3	40.4	40.3	40.5	40.4	40.5	40.5
Furniture and fixtures	40.3	40.2	40.3	40.1	40.3	40.2	40.2	40.7	40.6	41.0	41.2	41.3	41.5
Stone, clay, and glass products	41.5	41.3	41.3	41.1	41.3	41.5	41.5	41.9	41.7	41.7	41.9	42.0	41.8
Primary metal industries	41.1	41.0	40.6	40.6	40.2	40.8	40.9	41.8	41.7	42.3	42.5	42.5	42.3
Fabricated metal products	41.6	41.4	41.2	41.3	41.5	41.5	41.4	42.2	42.1	42.3	42.4	42.7	42.4
Machinery, except electrical	42.4	42.0	42.0	42.3	42.8	42.9	43.0	43.5	43.6	43.8	43.8	44.2	43.9
Electrical equipment and supplies	40.2	40.4	40.0	39.9	39.6	40.0	39.7	40.7	40.6	40.9	41.0	41.2	41.2
Transportation equipment	41.6	41.3	41.2	41.7	40.9	40.7	40.7	41.6	41.6	41.9	42.2	42.8	43.0
Instruments and related products	41.5	40.9	41.0	41.1	41.5	41.5	40.9	41.8	41.9	41.9	42.0	42.1	41.9
Miscellaneous manufacturing industries	39.2	39.1	39.4	39.5	39.7	39.2	38.7	40.0	39.7	39.9	40.0	39.9	40.0
NONDURABLE GOODS	39.7	39.6	39.5	39.5	39.8	39.5	39.5	40.0	39.9	40.2	40.1	40.1	40.2
<i>Overtime hours</i>	3.0	3.0	3.0	3.0	3.0	3.2	3.1	3.3	3.3	3.3	3.4	3.4	3.3
Food and kindred products	40.9	40.6	41.0	40.6	40.8	41.1	41.0	41.1	41.0	41.1	41.1	41.1	41.1
Tobacco manufactures	38.7	38.3	39.0	38.3	39.4	38.2	38.2	38.7	39.0	38.5	38.0	38.6	38.0
Textile mill products	40.9	40.6	40.4	40.5	40.8	40.2	40.2	40.9	40.9	41.2	41.4	42.0	42.0
Apparel and other textile products	35.7	35.8	35.7	35.9	36.2	35.5	35.6	36.6	36.4	36.5	36.6	35.9	36.5
Paper and allied products	42.8	42.7	42.6	42.5	42.5	42.8	42.8	43.2	43.1	43.3	43.2	43.4	43.3
Printing and publishing	38.3	38.4	38.3	38.3	38.6	38.5	38.6	38.8	38.6	39.0	39.0	38.9	38.8
Chemicals and allied products	41.5	41.5	41.3	41.2	41.5	41.6	41.4	41.8	41.9	42.1	42.1	42.1	42.0
Petroleum and coal products	42.4	42.8	42.6	42.6	42.6	43.0	42.6	42.0	42.4	42.5	42.4	42.0	42.0
Rubber and plastics products, n e c	41.1	40.5	41.2	40.9	41.1	41.0	40.9	41.5	41.4	41.9	42.0	41.9	41.8
Leather and leather products	38.6	38.5	37.9	37.7	37.7	37.0	37.1	38.3	38.0	38.6	38.5	38.3	38.7
WHOLESALE AND RETAIL TRADE	36.8	36.7	36.7	36.3	36.4	36.6	36.6	36.8	36.7	36.9	36.9	37.1	37.2
WHOLESALE TRADE	40.5	40.4	40.5	40.3	40.4	40.5	40.5	40.7	40.6	40.6	40.7	40.7	40.8
RETAIL TRADE	35.7	35.5	35.4	35.2	35.1	35.3	35.3	35.5	35.6	35.6	35.7	35.9	36.1

¹For mining and manufacturing, data refer to production and related workers; for contract construction, to construction workers; and for wholesale and retail trade, to non-supervisory workers.

NOTE: Data for the 2 most recent months are preliminary.

**ESTABLISHMENT DATA
SEASONALLY ADJUSTED**

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

Industry	1957-59=100												
	Aug. 1967	July 1967	June 1967	May 1967	Apr. 1967	Mar. 1967	Feb. 1967	Jan. 1967	Dec. 1966	Nov. 1966	Oct. 1966	Sept. 1966	Aug. 1966
TOTAL	113.0	111.8	111.9	111.5	113.2	114.3	114.9	116.9	116.5	116.5	116.4	116.4	116.6
MINING	79.2	82.3	79.7	79.4	80.9	80.8	80.6	81.7	81.3	81.4	81.9	82.6	83.4
CONTRACT CONSTRUCTION	110.5	111.2	109.1	106.7	112.6	114.6	116.7	116.6	115.7	111.7	112.0	113.4	112.6
MANUFACTURING	115.1	113.4	114.1	114.0	114.9	115.9	116.3	118.8	118.5	119.2	119.0	118.7	119.1
DURABLE GOODS	120.5	118.3	118.9	119.5	119.8	121.9	122.3	125.2	125.0	125.9	126.0	126.2	125.9
Ordnance and accessories	182.9	177.3	172.7	173.7	172.1	172.1	167.8	165.4	160.7	158.7	154.0	152.3	149.3
Lumber and wood products	91.2	91.0	91.6	90.7	93.1	95.3	94.2	95.5	93.3	94.1	94.1	94.7	96.5
Furniture and fixtures	120.6	119.0	120.3	121.0	121.2	122.6	124.2	126.1	127.0	128.3	127.9	127.9	128.9
Stone, clay, and glass products	104.9	105.2	105.2	104.1	105.4	108.0	108.0	109.7	109.4	109.2	109.7	109.8	110.3
Primary metal industries	105.4	106.6	106.7	107.2	106.8	110.9	113.1	117.1	117.2	119.6	120.3	119.3	119.2
Fabricated metal products	123.0	122.0	122.3	121.8	123.0	124.5	124.9	127.7	127.5	128.1	127.5	127.8	126.9
Machinery, except electrical	137.5	135.5	136.0	137.0	139.3	140.5	141.2	143.5	143.0	143.0	142.6	143.1	141.7
Electrical equipment and supplies	137.4	136.9	134.6	137.8	138.2	143.3	143.6	147.6	147.1	148.7	149.5	149.5	149.7
Transportation equipment	120.3	110.4	114.2	114.2	110.9	111.6	112.3	114.9	116.7	117.7	118.3	119.7	118.4
Instruments and related products	130.1	127.3	128.1	129.3	131.4	131.4	129.1	132.4	131.3	130.4	130.3	128.7	129.0
Miscellaneous manufacturing industries	104.7	107.9	109.4	110.3	111.2	110.1	109.7	115.3	113.2	113.7	113.4	112.4	113.7
NONDURABLE GOODS	108.2	107.0	107.8	106.9	108.5	108.1	108.5	110.4	110.0	110.4	109.8	109.0	110.2
Food and kindred products	94.8	95.0	97.5	96.2	96.5	97.7	97.2	97.3	97.0	97.3	95.5	94.9	96.7
Tobacco manufactures	89.7	88.7	89.2	86.4	87.7	83.8	85.0	90.9	88.0	84.5	77.6	80.0	81.1
Textile mill products	101.5	100.1	100.4	99.9	101.0	100.3	100.7	103.4	103.4	104.2	104.9	106.4	107.1
Apparel and other textile products	114.3	114.6	116.0	116.3	117.0	114.1	116.0	120.4	119.5	119.8	119.8	116.7	119.2
Paper and allied products	117.3	117.0	116.3	113.9	114.1	116.0	115.6	116.2	115.9	116.2	115.1	114.3	115.8
Printing and publishing	118.8	118.9	118.5	118.3	119.4	119.3	118.9	119.1	117.6	118.3	117.9	117.1	116.8
Chemicals and allied products	117.3	117.1	116.0	115.1	116.5	116.2	116.7	117.8	117.9	118.4	117.8	117.2	117.3
Petroleum and coal products	83.3	84.1	83.7	82.3	83.0	82.4	82.3	81.2	82.6	82.1	81.2	80.5	81.2
Rubber and plastics products, n e c	146.8	128.2	131.2	127.3	145.3	145.3	146.0	150.0	149.6	150.3	150.0	148.1	147.8
Leather and leather products	95.1	92.9	93.7	94.1	94.7	92.0	93.8	98.1	97.6	99.5	99.5	99.0	100.7

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

NOTE: Data for the 2 most recent months are preliminary.

ESTABLISHMENT DATA
STATE AND AREA HOURS AND EARNINGS

**C-9: Gross hours and earnings of production workers on manufacturing payrolls,
by State and selected areas**

State and area	Average weekly earnings			Average weekly hours			Average hourly earnings		
	July 1967	June 1967	July 1966	July 1967	June 1967	July 1966	July 1967	June 1967	July 1966
ALABAMA.....	\$99.29	\$98.47	\$96.14	41.2	41.2	41.8	\$2.41	\$2.39	\$2.30
Birmingham.....	128.83	126.52	123.02	42.8	42.6	41.7	3.01	2.97	2.95
Mobile.....	118.40	115.64	114.11	41.4	41.3	42.9	2.86	2.80	2.66
ALASKA...	(1)	162.93	184.00	(1)	38.7	50.0	(1)	4.21	3.68
ARIZONA.....	119.31	120.06	118.56	41.0	41.4	41.6	2.91	2.90	2.85
Phoenix.....	118.08	119.52	118.44	41.0	41.5	42.0	2.88	2.88	2.82
Tucson.....	135.71	134.72	138.93	41.5	41.2	42.1	3.27	3.27	3.30
ARKANSAS.....	81.81	81.81	78.25	40.3	40.5	41.4	2.03	2.02	1.89
Fort Smith.....	79.99	78.59	76.78	40.4	40.3	41.5	1.98	1.95	1.85
Little Rock-North Little Rock.....	79.80	80.19	81.89	39.7	39.7	43.1	2.01	2.02	1.90
Pine Bluff.....	104.30	101.49	93.94	40.9	39.8	41.2	2.55	2.55	2.28
CALIFORNIA.....	132.26	132.18	129.34	40.2	40.3	40.8	3.29	3.28	3.17
Anaheim-Santa Ana-Garden Grove.....	134.88	133.63	130.83	41.5	41.5	41.8	3.25	3.22	3.13
Bakersfield.....	140.27	137.50	133.93	41.5	40.8	40.1	3.38	3.37	3.34
Fresno.....	110.58	109.04	109.76	38.0	37.6	39.2	2.91	2.90	2.80
Los Angeles-Long Beach.....	130.41	130.97	127.00	40.5	40.8	41.1	3.22	3.21	3.09
Oxnard-Ventura.....	114.30	117.71	116.51	38.1	39.5	39.9	3.00	2.98	2.92
Sacramento.....	143.50	135.34	137.24	39.1	37.7	39.1	3.67	3.59	3.51
San Bernardino-Riverside-Ontario.....	130.73	132.52	125.66	40.6	40.9	40.8	3.22	3.24	3.08
San Diego.....	145.40	147.50	135.72	40.5	41.2	39.8	3.59	3.58	3.41
San Francisco-Oakland.....	140.79	138.90	139.49	39.0	38.8	40.2	3.61	3.58	3.47
San Jose.....	135.68	136.82	131.43	40.5	40.6	41.2	3.35	3.37	3.19
Santa Barbara.....	126.29	126.40	124.50	39.1	39.5	39.4	3.23	3.20	3.16
Santa Rosa.....	122.28	121.44	107.52	39.7	39.3	38.4	3.08	3.09	2.80
Stockton.....	131.19	130.02	128.30	38.7	39.4	40.6	3.39	3.30	3.16
Vallejo-Napa.....	131.58	125.35	127.14	38.7	38.1	39.0	3.40	3.29	3.26
COLORADO.....	121.71	125.82	121.67	40.3	41.8	42.1	3.02	3.01	2.89
Denver.....	122.58	128.44	123.61	39.8	41.7	41.9	3.08	3.08	2.95
CONNECTICUT.....	121.51	122.38	120.41	41.9	42.2	42.7	2.90	2.90	2.82
Bridgeport.....	126.42	126.48	121.98	42.0	42.3	42.5	3.01	2.99	2.87
Hartford.....	130.59	132.68	130.98	43.1	43.5	44.1	3.03	3.05	2.97
New Britain.....	127.20	128.53	124.56	42.4	42.7	43.4	3.00	3.01	2.87
New Haven.....	121.89	122.18	119.85	41.6	41.7	42.2	2.93	2.93	2.84
Stamford.....	123.85	125.50	120.10	41.7	42.4	41.7	2.97	2.96	2.88
Waterbury.....	114.95	114.96	121.21	41.8	41.5	43.6	2.75	2.77	2.78
DELAWARE.....	115.74	116.35	112.20	39.5	40.4	40.8	2.93	2.88	2.75
Wilmington.....	130.07	129.68	129.47	39.9	40.4	41.1	3.26	3.21	3.15
DISTRICT OF COLUMBIA: Washington SMSA.....	(1)	122.00	119.84	(1)	40.0	40.9	(1)	3.05	2.93
FLORIDA.....	101.04	100.54	96.22	42.1	42.6	42.2	2.40	2.36	2.28
Fort Lauderdale-Hollywood.....	91.41	89.77	91.05	39.4	39.2	41.2	2.32	2.29	2.21
Jacksonville.....	117.32	113.42	95.82	41.9	42.8	40.6	2.80	2.65	2.36
Miami.....	93.88	91.69	87.94	42.1	41.3	40.9	2.23	2.22	2.15
Orlando.....	99.42	101.85	91.80	41.6	43.9	42.5	2.39	2.32	2.16
Pensacola.....	117.15	117.02	115.99	42.6	42.4	42.8	2.75	2.76	2.71
Tampa-St. Petersburg.....	105.46	106.38	102.34	43.4	43.6	43.0	2.43	2.44	2.38
West Palm Beach.....	117.55	114.53	106.35	42.9	41.8	39.1	2.74	2.74	2.72
GEORGIA.....	90.35	89.13	85.28	40.7	40.7	41.0	2.22	2.19	2.08
Atlanta.....	109.97	107.02	103.83	39.7	39.2	40.4	2.77	2.73	2.57
Savannah.....	120.34	117.55	110.30	43.6	42.9	42.1	2.76	2.74	2.62
HAWAII...	102.81	91.61	102.93	44.7	37.7	47.0	2.30	2.43	2.19
IDAHO...	119.90	116.42	118.67	40.1	39.6	40.5	2.99	2.94	2.93
ILLINOIS.....	122.62	124.59	120.36	40.3	40.8	41.1	3.05	3.05	2.93
Chicago.....	125.77	126.69	122.71	40.6	41.0	41.2	3.10	3.09	2.98
Davenport-Rock Island-Moline.....	(1)	140.62	130.74	(1)	40.6	40.1	(1)	3.46	3.26

See footnotes at end of table.

NOTE: Data for the current month are preliminary.

ESTABLISHMENT DATA STATE AND AREA HOURS AND EARNINGS

C-9: Gross hours and earnings of production workers on manufacturing payrolls, by State and selected areas--Continued

State and area	Average weekly earnings			Average weekly hours			Average hourly earnings		
	July 1967	June 1967	July 1966	July 1967	June 1967	July 1966	July 1967	June 1967	July 1966
ILLINOIS-(Continued)									
Peoria	(1)	\$137.93	\$141.56	(1)	40.9	42.5	(1)	\$3.38	\$3.33
Rockford	(1)	125.19	120.10	(1)	41.9	42.4	(1)	2.99	2.84
INDIANA	\$126.36	127.48	124.31	40.5	40.6	41.3	\$3.12	3.14	3.01
Indianapolis	(1)	132.02	126.46	(1)	41.0	41.6	(1)	3.22	3.04
IOWA	119.75	122.16	115.92	40.1	40.8	40.0	2.99	2.99	2.90
Cedar Rapids	119.92	123.97	120.03	40.9	42.0	42.0	2.93	2.95	2.86
Des Moines	122.43	119.69	122.31	39.2	38.2	38.7	3.12	3.13	3.16
KANSAS	117.66	118.28	119.42	41.4	41.9	42.6	2.84	2.82	2.80
Topeka	104.09	126.31	121.26	38.3	43.3	42.5	2.72	2.92	2.86
Wichita	128.98	125.32	129.71	42.4	41.6	43.0	3.04	3.01	3.02
KENTUCKY	108.90	108.27	104.23	39.6	40.1	40.4	2.75	2.70	2.58
Louisville	127.32	124.72	122.12	41.1	40.7	40.9	3.10	3.06	2.99
LOUISIANA	115.35	113.97	112.25	42.1	41.9	42.2	2.74	2.72	2.66
Baton Rouge	137.52	132.62	143.40	41.8	42.1	42.3	3.29	3.15	3.39
New Orleans	118.15	119.36	115.79	40.6	41.3	41.5	2.91	2.89	2.79
Shreveport	108.45	106.68	106.75	42.2	42.0	42.7	2.57	2.54	2.50
MAINE	92.84	92.66	89.01	40.9	41.0	41.4	2.27	2.26	2.15
Lewiston-Auburn	77.49	78.69	75.84	37.8	38.2	39.5	2.05	2.06	1.92
Portland	93.69	96.80	94.16	39.2	40.5	41.3	2.39	2.39	2.28
MARYLAND	113.65	115.46	112.48	40.3	40.8	41.2	2.82	2.83	2.73
Baltimore	119.07	120.95	118.94	40.5	41.0	41.3	2.94	2.95	2.88
MASSACHUSETTS	106.66	107.47	103.17	39.8	40.1	40.3	2.68	2.68	2.56
Boston	115.42	116.58	111.50	39.8	40.2	40.4	2.90	2.90	2.76
Brockton	92.25	93.06	88.40	38.6	39.1	40.0	2.39	2.38	2.21
Fall River	75.90	76.46	71.68	35.3	35.4	36.2	2.15	2.16	1.98
Lawrence-Haverhill	100.33	102.87	94.41	39.5	40.5	39.5	2.54	2.54	2.39
Lowell	90.86	91.26	89.04	38.5	39.0	39.4	2.36	2.34	2.26
New Bedford	89.15	87.40	83.81	39.1	38.5	38.8	2.28	2.27	2.16
Springfield-Chicopee-Holyoke	107.87	109.21	106.08	40.1	40.6	40.8	2.69	2.69	2.60
Worcester	108.25	111.11	110.70	38.8	39.4	40.4	2.79	2.82	2.74
MICHIGAN	145.06	145.43	141.73	41.6	41.9	42.6	3.49	3.47	3.33
Ann Arbor	136.09	144.31	137.16	38.4	40.8	41.4	3.54	3.54	3.31
Battle Creek	140.71	142.51	134.43	41.3	42.2	42.1	3.41	3.38	3.19
Bay City	134.89	129.44	121.27	41.8	40.0	39.8	3.23	3.24	3.05
Detroit	151.24	153.22	152.99	41.3	42.0	43.5	3.66	3.65	3.52
Flint	172.29	159.94	156.14	43.3	42.0	42.2	3.98	3.81	3.70
Grand Rapids	123.72	123.28	119.99	41.7	41.3	42.1	2.97	2.99	2.85
Jackson	124.87	134.81	135.99	36.9	39.5	40.8	3.38	3.41	3.33
Kalamazoo	136.81	133.25	137.62	42.5	42.6	44.9	3.22	3.13	3.07
Lansing	150.86	149.72	137.39	41.4	41.6	40.6	3.64	3.60	3.38
Muskegon-Muskegon Heights	132.75	137.12	131.75	41.1	42.1	41.6	3.23	3.26	3.17
Saginaw	144.94	152.17	136.61	42.0	42.9	41.0	3.45	3.55	3.33
MINNESOTA	118.51	119.72	115.38	40.7	40.9	41.4	2.91	2.93	2.78
Duluth-Superior	116.57	119.23	118.58	39.4	40.1	41.0	2.96	2.98	2.90
Minneapolis-St. Paul	125.47	126.48	121.82	40.8	40.9	41.2	3.07	3.09	2.96
MISSISSIPPI	82.01	82.61	78.25	40.2	41.1	41.4	2.04	2.01	1.89
Jackson	84.45	84.46	83.69	40.6	41.0	42.7	2.08	2.06	1.96
MISSOURI	115.43	115.54	108.22	40.5	40.4	40.1	2.85	2.86	2.70
Kansas City	119.20	118.80	123.03	40.0	40.0	42.0	2.98	2.97	2.94
St. Louis	128.39	128.30	119.77	40.5	40.6	39.8	3.17	3.16	3.01
MONTANA ...	122.72	121.50	116.00	40.5	40.1	40.0	3.03	3.03	2.90
NEBRASKA	109.79	107.31	104.48	42.7	41.3	42.7	2.57	2.60	2.45
Omaha	117.20	118.76	112.06	42.1	42.4	42.0	2.78	2.80	2.67

See footnotes at end of table.

NOTE: Data for the current month are preliminary.

ESTABLISHMENT DATA
STATE AND AREA HOURS AND EARNINGS

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**C-9: Gross hours and earnings of production workers on manufacturing payrolls,
by State and selected areas--Continued**

State and area	Average weekly earnings			Average weekly hours			Average hourly earnings		
	July 1967	June 1967	July 1966	July 1967	June 1967	July 1966	July 1967	June 1967	July 1966
NEVADA.....	\$140.40	\$140.69	\$135.05	39.0	39.3	41.3	\$3.60	\$3.58	\$3.27
NEW HAMPSHIRE.....	90.57	91.71	86.50	39.9	40.4	40.8	2.27	2.27	2.12
Manchester.....	83.11	83.76	80.19	38.3	38.6	39.5	2.17	2.17	2.03
NEW JERSEY.....	119.07	118.84	116.16	40.5	40.7	40.9	2.94	2.92	2.84
Atlantic City.....	87.71	94.83	85.75	38.3	40.7	39.7	2.29	2.33	2.16
Jersey City ²	121.30	122.06	112.44	41.4	41.8	40.3	2.93	2.92	2.79
Newark ²	118.40	120.66	116.16	40.0	40.9	40.9	2.96	2.95	2.84
Paterson-Clifton-Passaic ²	120.36	119.72	115.34	40.8	41.0	40.9	2.95	2.92	2.82
Perth Amboy ²	123.93	125.46	124.49	40.5	41.0	42.2	3.06	3.06	2.95
Trenton.....	112.97	111.83	114.49	39.5	39.1	40.6	2.86	2.86	2.82
NEW MEXICO.....	97.85	95.84	92.57	40.6	40.1	40.6	2.41	2.39	2.28
Albuquerque.....	101.52	107.19	96.00	41.1	42.2	40.0	2.47	2.54	2.40
NEW YORK.....	113.58	113.47	109.97	39.3	39.4	39.7	2.89	2.88	2.77
Albany-Schenectady-Troy.....	124.85	124.85	120.13	40.8	40.8	41.0	3.06	3.06	2.93
Binghamton.....	109.76	107.46	101.85	40.5	39.8	40.1	2.71	2.70	2.54
Buffalo.....	133.82	137.94	131.97	40.8	41.8	41.5	3.28	3.30	3.18
Elmira.....	109.73	107.98	109.48	39.9	39.7	40.4	2.75	2.72	2.71
Monroe County ³	137.19	137.85	132.49	41.7	41.9	42.6	3.29	3.29	3.11
Nassau and Suffolk Counties ⁴	118.03	117.62	112.31	40.7	40.7	40.4	2.90	2.89	2.78
New York-Northeastern New Jersey.....	113.10	112.79	108.47	39.0	39.3	39.3	2.90	2.87	2.76
New York SMSA ²	108.30	107.72	103.79	38.0	38.2	38.3	2.85	2.82	2.71
New York City ⁴	106.78	105.56	102.60	37.6	37.7	38.0	2.84	2.80	2.70
Rochester.....	133.54	134.50	128.17	41.6	41.9	42.3	3.21	3.21	3.03
Rockland County ⁴	117.74	121.22	112.59	40.6	41.8	40.5	2.90	2.90	2.78
Syracuse.....	121.10	120.09	116.18	40.5	40.3	40.2	2.99	2.98	2.89
Utica-Rome.....	109.75	108.81	106.49	40.2	40.3	40.8	2.73	2.70	2.61
Westchester County ⁴	107.73	108.85	101.79	37.8	38.6	37.7	2.85	2.82	2.70
NORTH CAROLINA.....	80.80	80.80	79.32	40.0	40.2	41.1	2.02	2.01	1.93
Asheville.....	79.80	79.60	76.42	39.7	39.6	39.8	2.01	2.01	1.92
Charlotte.....	86.72	87.98	83.00	41.1	41.5	41.5	2.11	2.12	2.00
Greensboro-High Point.....	83.42	84.45	80.40	40.3	40.6	40.4	2.07	2.08	1.99
Raleigh.....	84.80	85.06	77.87	38.9	39.2	37.8	2.18	2.17	2.06
NORTH DAKOTA.....	101.78	103.23	107.19	40.7	41.4	44.0	2.50	2.49	2.44
Fargo-Moorhead.....	113.30	113.15	112.28	39.9	39.7	42.4	2.84	2.85	2.65
OHIO.....	131.53	131.89	130.06	41.4	41.5	42.1	3.18	3.18	3.09
Akron.....	136.98	142.46	149.11	40.8	42.0	42.9	3.36	3.39	3.48
Canton.....	128.13	129.40	127.28	40.5	40.7	41.4	3.16	3.18	3.07
Cincinnati.....	122.33	122.81	121.20	41.2	41.3	41.9	2.97	2.97	2.89
Cleveland.....	133.35	135.37	131.79	41.6	41.9	42.0	3.21	3.23	3.14
Columbus.....	123.95	124.98	120.65	40.3	40.6	40.8	3.08	3.08	2.96
Dayton.....	148.92	147.51	147.68	42.4	42.2	43.6	3.51	3.50	3.39
Toledo.....	139.45	139.12	129.83	41.4	41.4	40.9	3.37	3.36	3.17
Youngstown-Warren.....	137.64	137.38	139.69	39.9	39.7	41.3	3.45	3.46	3.38
OKLAHOMA.....	106.23	105.01	105.17	40.7	40.7	41.9	2.61	2.58	2.51
Oklahoma City.....	102.47	101.96	99.25	40.5	40.3	41.7	2.53	2.53	2.38
Tulsa.....	118.53	117.86	118.96	41.3	41.5	43.1	2.87	2.84	2.76
OREGON.....	122.50	123.87	122.14	38.4	39.2	39.4	3.19	3.16	3.10
Eugene.....	124.21	127.40	125.96	38.1	39.2	40.5	3.26	3.25	3.11
Portland.....	124.80	123.48	122.98	39.0	39.2	39.8	3.20	3.15	3.09
PENNSYLVANIA.....	111.27	111.56	110.84	39.6	39.7	40.6	2.81	2.81	2.73
Allentown-Bethlehem-Easton.....	108.85	106.09	106.62	38.6	38.3	39.2	2.82	2.77	2.72
Altoona.....	89.92	90.39	88.59	38.1	38.3	39.2	2.36	2.36	2.26
Erie.....	120.35	121.22	120.13	41.5	41.8	42.6	2.90	2.90	2.82
Harrisburg.....	104.14	102.25	99.55	41.0	40.9	40.8	2.54	2.50	2.44
Johnstown.....	110.26	112.42	114.86	37.0	37.6	39.2	2.98	2.99	2.93
Lancaster.....	100.55	99.25	98.49	39.9	39.7	40.7	2.52	2.50	2.42
Philadelphia.....	118.50	119.10	118.37	39.9	40.1	41.1	2.97	2.97	2.88
Pittsburgh.....	130.90	131.22	133.49	40.4	40.5	41.2	3.24	3.24	3.24
Reading.....	101.45	100.19	95.52	40.1	39.6	39.8	2.53	2.53	2.40
Scranton.....	89.67	87.85	81.54	39.5	38.7	39.2	2.27	2.27	2.08
Wilkes-Barre-Hazleton.....	82.14	81.25	76.84	37.0	36.6	37.3	2.22	2.22	2.06
York.....	103.17	102.58	96.83	41.6	41.7	42.1	2.48	2.46	2.30
RHODE ISLAND.....	96.31	96.62	93.43	40.3	40.6	40.8	2.39	2.38	2.29
Providence-Pawtucket-Warwick.....	96.48	96.55	92.56	40.2	40.4	40.6	2.40	2.39	2.28

See footnotes at end of table.

NOTE: Data for the current month are preliminary.

ESTABLISHMENT DATA STATE AND AREA HOURS AND EARNINGS

C-9: Gross hours and earnings of production workers on manufacturing payrolls,
by State and selected areas--Continued

State and area	Average weekly earnings			Average weekly hours			Average hourly earnings		
	July 1967	June 1967	July 1966	July 1967	June 1967	July 1966	July 1967	June 1967	July 1966
SOUTH CAROLINA	\$81.60	\$83.64	\$82.15	40.0	40.8	41.7	\$2.04	\$2.05	\$1.97
Charleston	96.17	97.76	92.62	41.1	41.6	40.8	2.34	2.35	2.27
Greenville	79.40	81.60	81.09	39.7	40.8	41.8	2.00	2.00	1.94
SOUTH DAKOTA	119.77	113.89	111.39	48.1	45.1	47.0	2.49	2.53	2.37
Sioux Falls	135.34	128.56	124.82	50.4	46.4	47.1	2.69	2.77	2.65
TENNESSEE	90.97	91.25	87.91	39.9	40.2	40.7	2.28	2.27	2.16
Chattanooga	102.11	103.32	96.41	40.2	41.0	41.2	2.54	2.52	2.34
Knoxville	102.82	101.77	99.63	39.7	39.6	41.0	2.59	2.57	2.43
Memphis	99.55	99.88	100.08	40.8	40.6	41.7	2.44	2.46	2.40
Nashville	100.10	99.70	97.82	40.2	40.2	41.1	2.49	2.48	2.38
TEXAS	111.90	110.39	107.59	41.6	41.5	41.7	2.69	2.66	2.58
Amarillo	92.93	95.53	89.10	41.3	41.0	40.5	2.25	2.33	2.20
Austin	85.69	85.86	80.78	41.0	40.5	40.8	2.09	2.12	1.98
Beaumont-Port Arthur	146.50	142.56	141.54	41.5	40.5	42.0	3.53	3.52	3.37
Corpus Christi	132.91	132.40	124.62	42.6	42.3	42.1	3.12	3.13	2.96
Dallas	103.82	103.25	95.47	41.2	41.3	40.8	2.52	2.50	2.34
El Paso	77.81	76.62	74.43	39.1	39.7	39.8	1.99	1.93	1.87
Fort Worth	122.18	125.83	116.40	41.7	42.8	40.7	2.93	2.94	2.86
Galveston-Texas City	165.30	163.35	164.35	43.5	43.1	44.3	3.80	3.79	3.71
Houston	131.44	130.59	130.03	42.4	42.4	43.2	3.10	3.08	3.01
Lubbock	98.04	92.23	86.05	45.6	43.1	42.6	2.15	2.14	2.02
San Antonio	91.38	92.45	84.42	42.9	43.0	42.0	2.13	2.15	2.01
Waco	94.89	94.25	94.83	41.8	40.8	43.3	2.27	2.31	2.19
Wichita Falls	87.12	88.22	76.63	40.9	40.1	38.7	2.13	2.20	1.98
UTAH	122.41	122.82	122.66	40.4	40.4	41.3	3.03	3.04	2.97
Salt Lake City	116.69	119.43	115.34	40.1	40.9	40.9	2.91	2.92	2.83
VERMONT	101.16	102.79	97.98	41.8	42.3	42.6	2.42	2.43	2.30
Burlington	107.27	107.70	102.77	42.4	42.4	43.0	2.53	2.54	2.39
Springfield	117.43	119.94	112.23	42.7	43.3	43.5	2.75	2.77	2.58
VIRGINIA	90.57	92.57	90.91	39.9	40.6	41.7	2.27	2.28	2.18
Lynchburg	87.31	84.02	87.44	42.8	40.2	43.5	2.04	2.09	2.01
Norfolk-Portsmouth	107.00	101.50	95.37	42.8	41.6	42.2	2.50	2.44	2.26
Richmond	106.55	105.50	101.18	41.3	41.7	40.8	2.58	2.53	2.48
Roanoke	87.77	89.46	85.28	41.4	42.0	41.4	2.12	2.13	2.06
WASHINGTON	132.33	132.66	131.30	39.5	39.6	40.4	3.35	3.35	3.25
Seattle-Everett	136.46	135.59	137.16	39.9	39.3	40.7	3.42	3.45	3.37
Spokane	133.20	131.01	131.54	40.0	39.7	40.6	3.33	3.30	3.24
Tacoma	125.13	125.45	122.15	38.5	38.6	38.9	3.25	3.25	3.14
WEST VIRGINIA	116.61	116.40	114.33	39.8	40.0	40.4	2.93	2.91	2.83
Charleston	140.27	141.88	138.55	41.5	42.1	42.5	3.38	3.37	3.26
Huntington-Ashland	122.75	124.34	116.05	38.6	39.6	37.8	3.18	3.14	3.07
Wheeling	117.41	117.12	115.95	39.8	39.7	40.4	2.95	2.95	2.87
WISCONSIN	119.92	120.88	118.00	40.7	40.8	41.8	2.95	2.96	2.82
Green Bay	125.23	124.83	122.09	43.1	42.9	44.1	2.90	2.91	2.77
Kenosha	113.50	131.59	124.87	34.0	39.6	39.4	3.34	3.32	3.17
La Crosse	101.78	100.61	103.42	38.6	38.6	40.4	2.63	2.61	2.56
Madison	125.83	125.51	124.73	40.2	40.0	42.0	3.13	3.14	2.97
Milwaukee	132.37	131.79	132.29	40.5	40.5	41.7	3.27	3.26	3.18
Racine	127.34	128.49	127.73	40.2	40.4	41.2	3.17	3.18	3.10
WYOMING	114.71	118.17	118.90	36.3	39.0	39.9	3.16	3.03	2.98
Casper	127.86	129.26	123.87	39.1	38.7	39.2	3.27	3.34	3.16

¹Not available.

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

³Subarea of Rochester Standard Metropolitan Statistical Area.

⁴Subarea of New York Standard Metropolitan Statistical Area.

NOTE: Data for the current month are preliminary.

SOURCE: Cooperating State agencies listed on inside back cover.

ESTABLISHMENT DATA

LABOR TURNOVER

Table D-1: Labor turnover rates in manufacturing
1957 to date

(Per 100 employees)													
Year	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Annual average
Total accessions													
1957.....	3.7	3.3	3.3	3.4	3.6	4.8	4.2	4.1	4.1	3.5	2.6	2.0	3.6
1958.....	2.9	2.6	2.8	3.1	3.6	4.7	4.2	4.9	5.0	4.0	3.2	2.7	3.6
1959 ¹	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	6.0	5.1	3.9	2.9	5.0
1967.....	4.3	3.6	3.9	3.9	4.6	5.9	4.5						
New hires													
1957.....	2.3	2.0	2.0	2.1	2.3	3.2	2.8	2.7	2.5	2.1	1.3	0.8	2.2
1958.....	1.2	1.1	1.1	1.3	1.5	2.2	2.1	2.4	2.6	2.2	1.7	1.3	1.7
1959 ¹	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	4.1	3.1	2.1	3.8
1967.....	3.0	2.7	2.8	2.8	3.3	4.5	3.2						
Total separations													
1957.....	3.8	3.4	3.7	3.8	3.9	3.7	3.7	4.7	5.5	5.0	4.9	4.6	4.2
1958.....	5.4	4.1	4.5	4.4	3.9	3.5	3.7	4.1	4.5	4.1	3.6	3.5	4.1
1959 ¹	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						
Quits													
1957.....	1.5	1.4	1.5	1.6	1.6	1.6	1.7	2.3	2.7	1.6	1.1	0.8	1.6
1958.....	.9	.8	.8	.8	.9	1.0	1.1	1.5	1.9	1.3	1.0	.8	1.1
1959 ¹	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						
Layoffs													
1957.....	1.7	1.5	1.5	1.7	1.8	1.4	1.6	1.9	2.3	3.0	3.4	3.4	2.1
1958.....	4.0	2.9	3.3	3.2	2.6	2.0	2.3	2.1	2.1	2.3	2.2	2.4	2.6
1959 ¹	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	1.8	1.2
1967.....	1.5	1.3	1.5	1.3	1.1	1.1	1.9						

¹Beginning with January 1959, transfers between establishments of the same firm are included in total accessions and total separations, therefore rates for these items are not strictly comparable with prior data. Transfers comprise part of other accessions and other separations, the rates for which are not shown separately.

NOTE: Data include Alaska and Hawaii beginning 1959. This inclusion has not significantly affected the labor turnover series.

Data for the current month are 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	
		July 1967	June 1967	July 1967	June 1967	July 1967	June 1967	July 1967	June 1967	July 1967	June 1967
	MANUFACTURING	4.5	5.9	3.2	4.5	4.8	4.3	2.1	2.3	1.9	1.1
19,24,25,32-39	DURABLE GOODS . . .	4.0	5.5	2.8	4.1	4.8	4.1	1.8	2.1	2.1	1.1
20-23,26-31	NONDURABLE GOODS . . .	5.3	6.5	3.8	5.1	4.8	4.5	2.4	2.6	1.7	1.2
	<i>Durable Goods</i>										
19	ORDNANCE AND ACCESSORIES	3.8	5.0	3.2	4.3	2.5	2.9	1.5	1.6	.4	.4
192	Ammunition, except for small arms	3.8	5.3	3.4	4.5	2.2	2.8	1.5	1.6	.2	.4
194	Sighting and fire control equipment	(1)	3.9	(1)	3.2	(1)	1.8	(1)	1.1	(1)	.3
191,3,5,6,9	Other ordnance and accessories	3.4	4.5	2.5	3.9	4.0	3.4	1.6	1.8	1.1	.7
24	LUMBER AND WOOD PRODUCTS	5.7	9.2	5.0	7.8	5.5	5.9	3.6	4.1	1.0	.8
242	Sawmills and planing mills	5.4	7.9	4.7	6.8	5.4	5.5	3.7	3.9	.9	.7
2421	Sawmills and planing mills, general	5.3	8.2	4.7	7.1	5.4	5.4	3.6	3.9	.9	.6
243	Millwork, plywood & related products	5.4	8.7	4.7	7.7	4.9	5.1	2.9	3.4	1.1	.8
2431	Millwork	5.0	9.2	4.7	8.4	3.7	4.4	2.5	3.1	.5	.5
2432	Veneer and plywood	5.1	6.8	4.1	5.9	6.0	5.5	3.3	3.5	1.7	.9
244	Wooden containers	4.8	8.1	3.7	6.4	7.1	6.4	3.4	4.2	2.8	.8
2441,2	Wooden boxes, shooks, and crates	4.7	7.7	3.6	5.9	7.1	6.0	3.4	4.0	3.0	.8
249	Miscellaneous wood products	6.3	7.8	5.5	6.7	5.7	5.9	3.8	4.1	.8	.7
25	FURNITURE AND FIXTURES	6.6	6.4	4.9	5.3	5.8	5.6	3.4	3.3	1.5	1.2
251	Household furniture	7.0	5.7	5.2	4.8	5.8	5.5	3.7	3.4	1.3	1.1
2511	Wood household furniture	7.6	5.8	4.7	4.8	5.5	5.9	3.8	3.6	.9	1.3
2512	Upholstered household furniture	5.2	3.5	4.4	2.9	3.9	3.4	3.1	2.3	.3	.5
2515	Mattresses and bedsprings	8.1	7.7	7.2	6.9	6.2	5.7	4.2	3.7	.9	.6
252	Office furniture	6.7	6.5	4.1	4.2	4.8	4.2	2.8	2.2	1.1	1.2
32	STONE, CLAY, AND GLASS PRODUCTS	4.7	6.9	3.5	5.4	4.3	4.6	2.2	2.4	1.2	1.2
321	Flat glass	3.5	5.1	1.0	2.5	3.8	2.4	.5	.7	2.7	1.3
322	Glass and glassware, pressed or blown	4.1	6.6	2.7	4.8	4.4	4.5	2.1	2.3	1.3	1.0
3221	Glass containers	3.9	7.7	3.4	6.5	4.3	4.4	2.7	3.0	.5	.3
3229	Pressed and blown glass, n e c	4.3	4.9	1.7	2.2	4.5	4.6	1.1	1.3	2.7	2.0
324	Cement, hydraulic	1.7	5.2	1.6	4.1	2.1	1.5	.7	.6	.7	.4
325	Structural clay products	4.8	7.6	4.0	6.7	4.9	5.4	3.2	3.4	.9	1.0
3251	Brick and structural clay tile	5.2	9.3	4.8	8.3	5.5	6.2	3.8	4.4	.8	.8
326	Pottery and related products	4.6	5.5	3.4	4.0	4.7	5.0	2.0	2.3	1.6	1.6
3291	Abrasive products	2.9	3.9	1.6	3.1	2.3	2.9	1.1	1.2	.8	.9
33	PRIMARY METAL INDUSTRIES	2.8	4.6	1.7	3.1	3.0	3.2	1.1	1.4	1.0*	.9
331	Blast furnace and basic steel products	2.5	4.1	1.1	2.5	2.7	2.5	.6	.8	1.1	.8
3312	Blast furnaces and steel mills	2.5	4.1	1.0	2.4	2.6	2.4	.5	.7	1.1	.9
332	Iron and steel foundries	3.7	5.2	2.7	4.0	4.1	4.4	2.1	2.5	1.1	.8
3321	Gray iron foundries	4.0	5.6	3.0	4.5	4.1	4.5	2.5	2.8	.7	.6
3322	Malleable iron foundries	4.6	5.9	3.7	4.2	3.7	5.4	2.3	2.5	.3	1.4
3323	Steel foundries	2.8	4.1	1.6	3.1	4.3	3.7	1.4	1.8	2.2	.9
333,4	Nonferrous metals	2.7	5.5	2.3	4.6	2.2	2.6	1.0	1.5	.4	.2
335	Nonferrous rolling and drawing	2.1	4.0	1.3	2.4	2.7	3.3	1.1	1.3	1.0	1.3
3351	Copper rolling and drawing	1.6	3.0	.9	1.7	2.2	2.1	.8	.9	1.0	.7
3352	Aluminum rolling and drawing	2.2	4.3	1.3	3.4	2.6	3.2	1.0	1.7	.9	.6
3357	Nonferrous wire drawing, and insulating	2.2	4.8	1.4	2.0	3.5	4.6	1.6	1.3	1.3	2.6
336	Nonferrous foundries	5.5	6.8	4.6	5.3	4.6	5.4	2.4	2.9	1.3	1.3
3361	Aluminum castings	4.6	6.5	3.7	5.2	3.8	5.2	2.0	3.0	1.1	.6
3362,9	Other nonferrous castings	4.9	7.0	4.0	5.3	5.2	5.6	2.8	2.7	1.6	2.0
339	Miscellaneous primary metal products	2.6	4.1	2.0	3.3	3.1	2.6	1.5	1.5	.7	.4
3391	Iron and steel forgings	2.4	3.6	1.9	2.7	2.8	2.2	1.4	1.3	.7	.2

See footnotes at end of table. NOTE: Data for the current month are preliminary.

**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	
		July 1967	June 1967	July 1967	June 1967	July 1967	June 1967	July 1967	June 1967	July 1967	June 1967
<i>Durable Goods--Continued</i>											
34	FABRICATED METAL PRODUCTS	4.8	6.1	3.3	4.9	4.7	5.3	2.2	2.4	1.7	1.8
341	Metal cans	4.4	6.7	2.7	4.4	5.3	4.4	1.2	1.3	2.9	1.5
342	Cutlery, hand tools, and hardware	4.5	5.1	2.9	3.9	4.4	4.7	1.9	2.0	1.6	1.9
3421,3,5	Cutlery and hand tools, incl. saws	4.7	4.3	2.3	3.8	4.4	3.6	1.8	2.0	1.9	.8
3429	Hardware, n e c	4.3	5.6	3.4	4.0	4.4	5.5	1.9	1.9	1.4	2.6
343	Plumbing and heating, except electric	4.1	6.4	3.4	5.3	3.9	5.1	2.1	2.5	1.0	1.5
3431,2	Sanitary ware & plumbers' brass goods	4.2	5.3	3.6	4.5	3.6	4.9	2.0	2.2	.8	1.5
3433	Heating equipment, except electric	4.0	7.2	3.3	5.9	4.1	5.3	2.2	2.7	1.0	1.5
344	Fabricated structural metal products	4.8	7.0	3.7	6.0	4.5	4.5	2.4	2.6	1.2	.9
3441	Fabricated structural steel	5.2	7.0	3.7	6.1	4.5	4.8	2.5	2.7	1.1	1.2
3443	Fabricated plate work (boiler shops)	3.7	4.9	2.6	4.1	3.7	3.3	1.7	1.9	1.3	.4
3446,9	Architectural and misc. metal work	5.4	6.1	4.0	5.0	4.4	3.9	2.1	2.0	1.4	.9
345	Screw machine products, bolts, etc.	3.7	5.3	3.0	4.4	3.9	4.3	2.0	2.6	1.0	.7
3452	Bolts, nuts, rivets, and washers	3.4	5.1	2.6	4.1	3.4	3.6	1.8	2.1	.8	.5
346	Metal stampings	5.6	5.0	2.4	3.3	5.7	7.9	1.8	1.9	3.2	5.0
348	Misc. fabricated wire products	3.8	6.0	3.0	4.8	3.7	4.7	2.4	3.0	.6	.8
349	Misc. fabricated metal products	4.0	5.3	2.8	4.4	4.0	4.0	2.0	2.4	1.4	.5
3494,8	Valves, pipe, and pipe fittings	4.0	5.0	2.5	4.3	4.3	3.9	1.9	2.4	1.8	.4
35	MACHINERY, EXCEPT ELECTRICAL	2.9	4.3	2.2	3.4	3.4	3.5	1.5	1.7	1.1	.9
351	Engines and turbines	3.2	5.6	2.6	3.5	3.2	4.0	1.1	1.2	1.2	1.8
3511	Steam engines and turbines	3.1	4.1	2.1	3.0	2.0	2.2	.6	.8	.1	.1
3519	Internal combustion engines, n e c	(1)	6.4	(1)	3.8	(1)	4.9	(1)	1.4	(1)	2.7
352	Farm machinery	2.0	4.5	1.5	2.9	4.9	5.4	1.5	1.8	1.9	2.4
353	Construction and related machinery	2.8	4.3	2.2	3.6	3.0	2.9	1.6	1.7	.7	.5
3531,2	Construction and mining machinery	2.5	3.7	1.8	2.9	2.9	2.6	1.2	1.4	1.0	.5
3533	Oil field machinery	2.6	4.0	2.2	3.3	2.7	3.3	1.8	2.4	.3	.3
3535,6	Conveyors, hoists, cranes, monorails	2.9	4.7	2.5	4.3	2.7	2.8	1.7	1.7	.3	.4
354	Metal working machinery	2.5	4.0	2.1	3.3	3.4	3.3	1.4	1.5	1.2	.9
3541	Machine tools, metal cutting types	2.5	4.1	2.0	3.6	2.2	2.4	1.2	1.5	.4	.2
3545	Machine tool accessories	2.1	4.1	1.9	3.5	2.6	2.4	1.3	1.5	.7	.1
3542,8	Misc. metal working machinery	1.6	2.9	1.3	2.2	2.1	2.5	1.1	1.3	.5	.5
355	Special industry machinery	2.3	3.1	1.8	2.8	2.8	2.8	1.4	1.6	.8	.6
3551	Food products machinery	2.4	3.4	2.1	3.1	2.9	2.9	1.5	1.6	.8	.4
3552	Textile machinery	2.3	2.3	1.6	1.9	3.9	4.2	1.7	2.1	1.4	1.5
356	General industrial machinery	2.4	4.2	2.0	3.2	2.3	2.7	1.4	1.6	.4	.5
3561	Pumps and compressors	2.1	3.9	1.9	3.4	2.0	2.4	1.4	1.6	(2)	.1
3562	Ball and roller bearings	(1)	4.2	(1)	2.4	(1)	2.7	(1)	1.1	(1)	1.1
3566	Power transmission equipment	2.1	4.4	1.7	3.5	2.4	2.6	1.3	1.7	.5	.3
357	Office and computing machines	4.3	3.8	2.5	2.9	3.8	2.6	1.3	1.5	1.5	.2
3571	Computing machines and cash registers	3.1	3.5	2.6	2.7	2.5	2.3	1.2	1.2	.5	.2
358	Service industry machines	3.5	4.9	2.7	4.2	5.1	4.8	2.0	2.2	2.1	1.5
3585	Refrigeration machinery	3.5	5.2	2.8	4.4	5.9	5.2	2.0	2.1	2.8	1.9
36	ELECTRICAL EQUIPMENT AND SUPPLIES	3.7	4.7	2.4	3.3	3.4	3.4	1.7	1.8	1.0	.7
361	Electric test & distributing equipment	2.8	4.4	1.9	3.4	3.2	3.0	1.5	1.8	1.1	.4
3611	Electric measuring instruments	2.2	4.0	1.5	2.9	2.5	3.6	1.5	2.3	.4	.5
3612	Transformers	3.3	4.8	2.4	3.6	3.5	2.9	1.7	1.4	1.0	.6
3613	Switchgear and switchboard apparatus	(1)	4.4	(1)	3.7	(1)	2.6	(1)	1.6	(1)	.1
362	Electrical industrial apparatus	2.9	4.5	1.9	3.4	3.1	3.2	1.6	1.7	.8	.7
3621	Motors and generators	3.6	4.0	2.1	2.8	3.4	3.1	1.7	1.7	1.0	.6
3622	Industrial controls	2.0	5.4	1.6	4.5	2.7	3.1	1.5	1.9	.6	.4
363	Household appliances	4.4	4.8	3.1	3.3	3.1	3.0	1.8	1.6	.4	.3
3632	Household refrigerators and freezers	(1)	4.6	(1)	3.2	(1)	2.4	(1)	1.2	(1)	(2)
3633	Household laundry equipment	(1)	6.4	(1)	4.3	(1)	1.6	(1)	.8	(1)	.1
3634	Electric housewares and fans	3.1	4.9	2.4	3.4	3.4	4.2	2.0	2.7	.3	.3
364	Electric lighting and wiring equipment	4.1	4.4	2.6	3.3	4.8	4.2	1.9	2.0	2.1	1.4
3641	Electric lamps	1.3	2.7	.8	1.6	3.1	1.9	.7	1.2	1.9	.1
3642	Lighting fixtures	6.6	5.6	4.2	4.1	6.5	5.7	2.3	2.1	3.3	2.8
3643,4	Wiring devices	3.6	4.2	2.2	3.3	4.4	4.1	2.0	2.2	1.5	1.0
365	Radio and TV receiving equipment	4.3	6.1	2.4	2.8	3.8	3.8	1.9	1.9	1.0	.8
366	Communication equipment	3.3	4.0	2.5	3.2	2.5	2.6	1.5	1.5	.4	.3
3661	Telephone and telegraph apparatus	(1)	2.9	(1)	2.6	(1)	2.1	(1)	1.4	(1)	.1
3662	Radio and TV communication equipment	3.9	4.4	3.0	3.4	2.8	2.7	1.7	1.6	.5	.4
367	Electronic components and accessories	4.8	5.7	2.7	3.5	4.5	4.7	1.9	2.4	1.8	1.1
3671-3	Electron tubes	3.3	6.0	1.9	2.6	2.8	3.4	1.3	1.8	1.1	.8
3674,9	Other electronic components	5.2	5.7	2.9	3.7	4.9	4.9	2.0	2.5	1.9	1.2
369	Misc. electrical equipment & supplies	3.3	3.8	2.0	2.8	2.9	3.5	1.4	1.6	.8	1.1
3694	Engine electrical equipment	2.8	3.0	1.6	1.9	2.8	2.4	1.2	1.1	1.0	.6

See footnotes at end of table. NOTE: Data for the current month are preliminary.

**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	
		July 1967	June 1967	July 1967	June 1967	July 1967	June 1967	July 1967	June 1967	July 1967	June 1967
<i>Durable Goods--Continued</i>											
37	TRANSPORTATION EQUIPMENT	3.9	5.5	2.4	3.7	9.2	4.3	1.5	1.7	6.9	1.7
371	Motor vehicles and equipment	(1)	4.6	(1)	2.5	(1)	3.9	(1)	1.2	(1)	1.8
3711	Motor vehicles	(1)	4.4	(1)	2.2	(1)	3.8	(1)	1.2	(1)	1.7
3712	Passenger car bodies	(1)	5.7	(1)	2.4	(1)	6.2	(1)	.4	(1)	4.7
3713	Truck and bus bodies	(1)	6.2	(1)	4.7	(1)	4.9	(1)	2.6	(1)	1.2
3714	Motor vehicle parts and accessories	(1)	4.2	(1)	2.1	(1)	3.3	(1)	1.0	(1)	1.5
372	Aircraft and parts	3.3	4.6	2.9	3.8	2.8	2.8	1.6	1.6	.5	.6
3721	Aircraft	2.8	4.4	2.5	3.8	2.5	2.3	1.4	1.5	.5	.3
3722	Aircraft engines and engine parts	4.4	4.4	3.6	3.3	2.8	3.1	1.8	1.3	.2	.9
3723,9	Other aircraft parts and equipment	3.6	5.4	3.2	4.8	3.6	3.9	1.9	2.1	1.0	.8
373	Ship and boat building and repairing	7.9	10.7	4.3	6.9	7.7	10.7	2.3	3.1	4.3	6.4
3731	Ship building and repairing	8.5	11.4	4.2	6.9	7.8	10.9	2.0	2.7	4.8	6.9
374	Railroad equipment	(1)	6.6	(1)	2.6	(1)	5.8	(1)	1.5	(1)	2.9
375,9	Other transportation equipment	7.5	12.1	6.9	10.7	7.9	9.5	4.3	5.8	2.0	1.3
38	INSTRUMENTS AND RELATED PRODUCTS	3.5	4.9	3.0	4.2	2.9	3.0	1.7	1.8	.6	.4
381	Engineering & scientific instruments	2.9	3.9	2.6	3.4	2.6	2.4	1.8	1.5	.4	.2
382	Mechanical measuring & control devices	2.6	5.2	2.0	4.5	3.2	3.2	1.4	1.9	1.1	.6
3821	Mechanical measuring devices	2.3	4.4	1.8	3.9	3.4	3.2	1.4	1.9	1.3	.6
3822	Automatic temperature controls	3.0	6.6	2.4	5.5	2.8	3.1	1.5	1.8	.6	.5
383,5	Optical and ophthalmic goods	2.8	4.4	2.6	3.5	3.4	3.5	2.0	2.1	.8	.4
384	Medical instruments and supplies	3.6	5.6	3.2	5.0	3.3	3.6	2.1	2.2	.5	.5
386	Photographic equipment and supplies	(1)	4.4	(1)	4.0	(1)	1.9	(1)	1.1	(1)	.2
387	Watches, clocks, and watchcases	4.9	6.6	3.8	5.5	3.5	4.5	2.5	2.7	.1	.5
39	MISCELLANEOUS MANUFACTURING INDUSTRIES	6.3	7.2	4.3	5.6	6.0	5.3	2.7	3.0	2.3	1.3
391	Jewelry, silverware, and plated ware	5.9	4.3	3.3	3.6	6.2	4.2	2.2	2.9	3.4	.7
394	Toys and sporting goods	8.3	11.6	5.7	8.2	8.3	7.5	3.6	4.1	3.4	2.2
3941-3	Games, toys, dolls, & play vehicles	11.1	14.5	7.7	9.8	8.3	7.4	4.3	4.2	3.0	1.9
3949	Sporting and athletic goods, n e c	3.7	7.0	2.6	5.5	8.3	7.6	2.3	3.8	4.0	2.6
395	Pens, pencils, office and art supplies	5.4	5.3	2.5	4.1	4.8	4.2	2.1	2.3	2.1	.8
396	Costume jewelry and notions	6.2	6.8	4.7	5.5	5.1	4.9	2.8	3.2	1.4	.8
393,8,9	Other manufacturing industries	5.3	5.5	4.0	4.7	4.9	4.5	2.4	2.4	1.6	1.2
<i>Nondurable Goods</i>											
20	FOOD AND KINDRED PRODUCTS	7.6	9.5	5.7	7.4	5.5	5.4	2.8	2.9	2.0	1.7
201	Meat products	6.5	8.1	4.1	5.7	5.6	5.3	3.0	3.0	2.0	1.6
2011	Meat packing plants	5.4	6.3	2.2	3.8	5.1	4.3	1.3	1.5	3.2	2.2
2015	Poultry dressing plants	10.3	13.7	8.9	10.9	8.4	9.2	7.2	7.2	.3	1.0
204	Grain mill products	3.9	6.2	3.3	5.2	3.2	3.2	1.7	1.9	.9	.7
2041	Flour and other grain mill products	4.2	5.9	3.0	4.7	3.3	2.8	1.4	1.6	1.2	.8
2042	Prepared feeds for animals and fowls	3.4	5.7	3.1	4.8	3.3	3.4	2.0	2.1	.7	.7
205	Bakery products	4.1	6.5	3.7	5.8	3.6	4.0	2.4	2.9	.4	.4
2051	Bread, cake, and related products	3.9	6.1	3.6	5.7	3.5	4.0	2.5	2.9	.3	.4
2052	Cookies and crackers	5.2	8.5	3.9	6.6	4.2	4.6	2.2	2.5	.6	.8
207	Confectionery and related products	7.5	7.7	5.0	5.8	5.8	6.6	2.8	3.7	2.6	2.0
2071	Confectionery products	8.6	8.3	5.5	6.2	6.8	7.2	3.1	4.1	3.2	2.2
208	Beverages	(1)	9.6	(1)	7.6	(1)	5.3	(1)	2.7	(1)	1.7
2082	Malt liquors	(1)	7.9	(1)	4.5	(1)	5.1	(1)	.8	(1)	3.5
21	TOBACCO MANUFACTURES	9.1	5.9	4.7	3.8	3.5	3.6	1.5	1.7	1.5	1.1
211	Cigarettes	1.4	4.7	1.2	3.1	1.3	1.4	.6	.8	.3	(2)
212	Cigars	(1)	7.2	(1)	5.5	(1)	6.0	(1)	3.9	(1)	1.3

See footnotes at end of table. NOTE: Data for the current month are preliminary.

**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		
		July 1967	June 1967	July 1967	June 1967	July 1967	June 1967	July 1967	June 1967	July 1967	June 1967	
	<i>Nondurable Goods--Continued</i>											
	TEXTILE MILL PRODUCTS	5.1	5.7	3.7	4.6	5.2	4.8	3.2	3.3	1.3	0.6	
22	Weaving mills, cotton	4.1	5.1	3.3	4.1	4.4	4.6	3.3	3.4	.2	.2	
222	Weaving mills, synthetics	4.3	5.1	3.5	4.3	4.3	4.4	3.0	3.0	.6	.5	
223	Weaving and finishing mills, wool	5.4	6.9	4.1	5.8	5.2	5.4	3.1	3.2	1.3	1.2	
224	Narrow fabric mills	7.3	5.4	4.0	4.5	7.6	4.9	3.5	3.3	3.5	.6	
225	Knitting mills	5.7	6.1	3.9	4.9	5.7	4.7	3.1	3.1	2.0	.9	
2251	Women's hosiery, except socks	6.7	4.6	4.1	3.9	5.8	3.6	3.1	3.0	2.4	.2	
2252	Hosiery, n e c	5.4	6.2	4.6	5.3	4.7	4.2	3.4	3.0	.7	.5	
2254	Knit underwear mills	3.4	4.6	2.4	3.7	3.3	3.7	2.7	3.0	.1	.1	
226	Textile finishing, except wool	3.8	4.3	2.5	3.6	4.4	3.8	2.3	2.5	1.4	.5	
227	Floor covering mills	6.3	5.9	4.9	4.7	3.8	4.1	2.7	2.7	.4	.5	
228	Yarn and thread mills	6.7	7.0	4.5	5.6	7.1	6.6	4.1	4.6	2.1	.8	
229	Miscellaneous textile goods	4.9	6.1	3.6	4.7	5.2	4.9	2.7	3.0	1.6	.9	
	APPAREL AND OTHER TEXTILE PRODUCTS	6.6	6.2	3.9	4.2	7.4	5.9	3.0	2.8	3.4	2.3	
231	Men's and boys' suits and coats	4.0	2.8	2.4	2.1	5.7	2.9	2.0	1.7	3.1	.6	
232	Men's and boys' furnishings	6.1	5.7	4.2	4.5	6.4	5.0	3.9	3.6	1.9	.7	
2321	Men's and boys' shirts and nightwear	5.9	5.8	3.9	4.2	5.6	4.7	3.5	3.2	1.3	.7	
2327	Men's and boys' separate trousers	5.8	4.1	3.9	3.5	5.8	4.1	3.8	3.3	1.4	.2	
2328	Men's and boys' work clothing	6.0	5.2	4.1	4.3	7.0	6.0	4.5	4.6	2.0	.6	
234	Women's and children's undergarments	5.3	5.8	3.9	4.4	6.4	5.4	3.3	3.3	2.0	1.3	
2341	Women's and children's underwear	5.6	6.1	4.3	4.5	5.4	5.4	3.4	3.3	1.2	1.2	
2342	Corsets and allied garments	4.8	5.2	3.1	4.2	8.5	5.4	3.0	3.3	3.5	1.4	
	PAPER AND ALLIED PRODUCTS	3.5	6.1	2.9	5.1	3.3	3.5	1.8	2.2	.6	.4	
261,2,6	Paper and pulp mills	2.0	5.2	1.6	4.3	1.8	1.9	.9	1.0	.3	.2	
263	Paperboard mills	2.5	4.6	1.8	3.9	2.6	2.2	1.1	1.5	.9	.1	
264	Misc. converted paper products	4.2	6.3	3.5	5.1	3.9	4.3	2.3	2.8	.8	.7	
2643	Bags, except textile bags	6.1	6.4	4.8	5.0	5.7	5.8	3.6	3.4	1.1	1.3	
265	Paperboard containers and boxes	4.7	7.5	4.0	6.4	4.5	4.9	2.6	3.1	.8	.6	
2651,2	Folding and setup paperboard boxes	5.3	6.7	4.2	5.8	4.7	4.6	2.6	3.0	.9	.6	
2653	Corrugated and solid fiber boxes	4.1	7.7	3.6	6.7	4.0	4.6	2.6	3.1	.4	.3	
	PRINTING AND PUBLISHING	3.4	5.1	2.8	4.2	3.1	3.6	1.9	2.2	.7	.	
	CHEMICALS AND ALLIED PRODUCTS	2.6	4.5	2.0	3.7	2.1	2.7	1.0	1.3	.6	.8	
281	Industrial chemicals	1.7	3.6	1.4	2.9	1.4	1.5	.7	.8	.3	.2	
282	Plastics materials and synthetics	1.9	3.3	1.2	2.4	1.5	1.8	.8	1.0	.3	.3	
2821	Plastics materials and resins	2.0	3.7	1.4	3.0	1.4	1.8	.8	1.1	.2	.3	
2823,4	Synthetic fibers	1.9	3.0	1.2	1.8	1.5	1.9	.8	.9	.2	.5	
283	Drugs	2.3	4.7	2.1	4.0	1.7	2.1	1.0	1.4	.3	.3	
2834	Pharmaceutical preparations	2.3	4.8	2.0	4.2	1.9	2.1	1.1	1.5	.3	.2	
284	Soap, cleaners, and toilet goods	5.3	6.4	3.7	4.8	3.5	3.6	1.6	1.7	1.1	.9	
2841	Soap and other detergents	(1)	5.9	(1)	3.7	(1)	2.0	(1)	.8	(1)	.5	
2844	Toilet preparations	7.9	7.9	6.2	6.3	4.1	5.4	2.2	2.4	.6	1.4	
285	Paints and allied products	2.8	5.0	2.5	4.5	2.2	2.4	1.4	1.6	.2	.2	
286,9	Other chemical products	3.6	7.9	3.3	7.1	2.7	3.5	1.5	2.2	.5	.4	
	PETROLEUM AND COAL PRODUCTS	2.4	4.6	2.2	3.9	1.7	1.8	.8	.9	.3	.3	
291	Petroleum refining	1.7	3.7	1.5	3.2	1.2	1.3	.5	.6	.2	.2	
295,9	Other petroleum and coal products	5.4	7.8	5.2	6.7	4.0	4.0	2.3	2.1	.6	.6	
	RUBBER AND PLASTICS PRODUCTS, N E C	5.6	7.1	3.9	6.0	5.3	5.0	2.6	3.1	1.7	.8	
301	Tires and inner tubes	2.1	3.1	1.3	2.3	1.2	1.3	.7	.7	.1	.2	
302,3,6	Other rubber products	5.5	5.9	3.4	4.8	5.4	4.1	2.3	2.6	2.1	.6	
307	Miscellaneous plastics products	6.9	9.4	5.3	8.0	6.8	6.8	3.6	4.3	2.0	1.1	

See footnotes at end of table. NOTE: Data for the current month are preliminary.

**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	
		July 1967	June 1967	July 1967	June 1967	July 1967	June 1967	July 1967	June 1967	July 1967	June 1967
	<i>Nondurable Goods--Continued</i>										
21	LEATHER AND LEATHER PRODUCTS . . .	7.4	6.4	4.6	4.9	7.6	5.0	3.6	3.3	3.1	0.7
	Leather tanning and finishing	4.9	6.4	3.6	5.4	5.1	4.6	2.4	2.6	2.1	1.2
	Footwear, except rubber	7.0	5.8	4.0	4.4	7.0	4.8	3.6	3.3	2.5	.5
	NONMANUFACTURING										
10	METAL MINING	2.7	6.5	2.1	5.1	3.1	3.1	1.6	2.0	.8	.5
101	Iron ores	2.8	5.1	1.2	3.9	2.8	2.1	.6	.6	1.7	.8
102	Copper Ores	1.8	6.4	1.5	4.3	2.2	2.6	1.2	1.8	.2	.1
11,12	COAL MINING	2.2	1.7	1.1	1.2	2.5	1.6	.8	.5	1.1	.7
12	Bituminous coal and lignite mining . . .	2.2	1.6	1.1	1.2	2.5	1.6	.8	.5	1.0	.6
	COMMUNICATION:										
481	Telephone communication	(1)	4.0	-	-	(1)	2.1	(1)	1.7	(1)	.1
482	Telegraph communication ³	(1)	3.2	-	-	(1)	2.2	(1)	1.3	(1)	.5

¹Not available.
²Less than 0.05.
³Data relate to all employees except messengers.
NOTE: Data for the current month are preliminary.

ESTABLISHMENT DATA
SEASONALLY ADJUSTED LABOR TURNOVER

Table D-4: Labor turnover rates in manufacturing, 1957 to date
seasonally adjusted

(Per 100 employees)

Year	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
Total accessions												
1957.....	4.0	3.9	3.7	3.7	3.6	3.8	3.9	3.3	3.3	3.3	3.1	3.0
1958.....	3.1	3.1	3.1	3.3	3.5	3.7	3.9	3.9	4.0	3.9	3.9	4.2
1959 ¹	4.0	4.3	4.6	4.3	4.1	4.3	4.1	4.1	4.1	3.8	4.2	5.6
1960.....	4.2	4.1	3.7	3.6	3.8	3.7	3.6	3.9	3.8	3.5	3.6	3.6
1961.....	3.9	3.7	4.4	4.2	4.2	4.0	4.0	4.2	3.8	4.3	4.3	4.1
1962.....	4.3	4.2	4.1	4.2	4.2	4.0	4.2	4.0	4.0	3.9	3.8	3.8
1963.....	3.8	3.8	3.7	4.1	3.8	3.8	3.9	3.8	3.9	3.9	3.6	4.0
1964.....	3.8	4.0	3.9	4.0	3.9	4.0	4.0	4.0	3.9	4.0	4.0	4.1
1965.....	4.0	4.1	4.2	4.0	4.1	4.4	4.1	4.3	4.5	4.5	4.8	4.9
1966.....	4.9	4.9	5.1	4.9	5.1	5.2	4.7	5.1	4.9	5.1	4.8	4.6
1967.....	4.6	4.3	4.1	4.2	4.6	4.6	4.1					
New hires												
1957.....	2.8	2.5	2.4	2.4	2.3	2.4	2.4	2.1	1.9	1.9	1.6	1.3
1958.....	1.4	1.4	1.3	1.5	1.5	1.6	1.8	1.8	2.0	2.0	2.1	2.2
1959.....	2.4	2.6	2.9	2.8	2.7	2.7	2.6	2.6	2.7	2.4	2.4	2.6
1960.....	2.6	2.8	2.4	2.2	2.3	2.2	2.1	2.2	2.1	1.9	1.9	1.8
1961.....	1.8	1.8	1.9	2.0	2.1	2.1	2.2	2.3	2.3	2.5	2.5	2.5
1962.....	2.6	2.6	2.6	2.6	2.7	2.5	2.6	2.4	2.4	2.4	2.3	2.1
1963.....	2.3	2.2	2.3	2.5	2.4	2.4	2.4	2.4	2.5	2.4	2.2	2.5
1964.....	2.4	2.5	2.5	2.6	2.4	2.6	2.6	2.6	2.7	2.6	2.7	2.8
1965.....	2.9	3.0	3.2	2.8	2.9	3.1	2.9	3.0	3.1	3.3	3.5	3.8
1966.....	3.8	3.9	4.2	3.9	4.0	4.0	3.6	3.8	3.7	3.9	3.7	3.6
1967.....	3.6	3.4	3.2	3.1	3.2	3.2	2.9					
Total separations												
1957.....	3.9	4.1	4.0	3.9	4.1	3.9	3.8	4.2	4.3	4.5	4.8	5.0
1958.....	5.4	4.8	4.9	4.6	4.2	3.8	3.8	3.7	3.5	3.8	3.6	3.7
1959.....	3.7	3.6	3.6	3.8	3.8	3.9	4.0	4.1	4.2	5.0	4.6	4.1
1960.....	3.6	4.1	4.4	4.4	4.3	4.4	4.3	4.3	4.2	4.3	4.4	5.0
1961.....	4.6	4.6	4.2	3.6	3.8	4.0	4.0	3.7	4.1	3.9	4.0	4.1
1962.....	3.9	4.1	4.0	3.9	4.2	4.2	4.2	4.4	3.9	4.1	4.0	4.0
1963.....	4.0	3.9	3.9	3.9	4.0	3.8	3.9	4.1	3.8	3.8	4.0	3.9
1964.....	4.0	4.0	3.9	3.8	3.9	3.9	4.1	3.6	3.9	4.0	3.7	3.9
1965.....	3.7	3.8	3.8	4.0	3.9	4.0	4.0	4.1	4.3	4.2	4.1	4.3
1966.....	4.1	4.4	4.6	4.7	4.7	4.9	4.9	4.7	5.0	4.6	4.6	4.4
1967.....	4.6	4.9	5.2	4.7	4.6	4.8	4.4					
Quits												
1957.....	1.9	1.8	1.8	1.7	1.7	1.6	1.6	1.7	1.6	1.4	1.3	1.2
1958.....	1.1	1.1	1.0	.9	1.0	1.0	1.1	1.1	1.1	1.2	1.2	1.3
1959.....	1.4	1.3	1.5	1.5	1.6	1.5	1.6	1.5	1.5	1.5	1.5	1.6
1960.....	1.5	1.6	1.5	1.5	1.3	1.4	1.4	1.3	1.3	1.2	1.1	1.1
1961.....	1.1	1.1	1.1	1.1	1.1	1.2	1.2	1.2	1.3	1.3	1.4	1.4
1962.....	1.3	1.4	1.4	1.4	1.5	1.5	1.4	1.5	1.4	1.4	1.4	1.3
1963.....	1.3	1.3	1.4	1.4	1.4	1.4	1.4	1.5	1.4	1.4	1.4	1.3
1964.....	1.4	1.4	1.4	1.4	1.5	1.4	1.5	1.5	1.5	1.6	1.5	1.6
1965.....	1.7	1.7	1.7	1.8	1.7	1.7	1.8	1.9	2.0	2.0	2.1	2.2
1966.....	2.3	2.4	2.7	2.6	2.5	2.6	2.5	2.6	2.6	2.6	2.6	2.7
1967.....	2.5	2.5	2.4	2.3	2.2	2.4	2.1					
Layoffs												
1957.....	1.5	1.7	1.6	1.7	2.0	1.7	1.8	2.1	2.3	2.7	3.0	2.7
1958.....	3.4	3.3	3.4	3.3	3.0	2.4	2.4	2.3	2.1	2.1	1.9	1.9
1959.....	1.8	1.7	1.7	1.7	1.6	1.7	1.9	2.0	2.0	2.9	2.5	1.9
1960.....	1.5	1.9	2.3	2.3	2.3	2.5	2.4	2.6	2.5	2.6	2.7	2.8
1961.....	2.7	3.0	2.5	2.1	2.2	2.3	2.2	1.9	2.2	1.8	1.9	2.0
1962.....	1.8	2.0	1.7	1.8	2.0	2.0	2.0	2.3	2.0	2.1	2.0	1.9
1963.....	2.0	1.9	1.9	1.8	1.9	1.7	1.8	2.0	1.9	1.8	1.8	1.7
1964.....	1.8	1.8	1.8	1.6	1.7	1.6	1.8	1.4	1.6	1.7	1.5	1.5
1965.....	1.4	1.4	1.4	1.5	1.4	1.4	1.5	1.6	1.4	1.3	1.3	1.4
1966.....	1.2	1.2	1.1	1.2	1.1	1.3	1.7	1.1	1.1	1.1	1.2	1.3
1967.....	1.4	1.5	1.7	1.5	1.4	1.4	1.6					

¹Beginning with January 1959, transfers between establishments of the same firm are included in total accessions and total separations, therefore rates for these items are not strictly comparable with prior data. Transfers comprise part of other accessions and other separations, the rates for which are not shown separately.
 NOTE: Data include Alaska and Hawaii beginning 1959. This inclusion has not significantly affected the labor turnover series.
 Data for the current month are preliminary.

**ESTABLISHMENT DATA
STATE AND AREA LABOR TURNOVER**

D-5: Labor turnover rates in manufacturing for selected States and areas

(Per 100 employees)

State and area	Accession rates				Separation rates					
	Total		New hires		Total		Quits		Layoffs	
	June 1967	May 1967	June 1967	May 1967	June 1967	May 1967	June 1967	May 1967	June 1967	May 1967
ALABAMA:										
Birmingham	3.6	3.3	2.6	2.4	2.8	2.4	1.4	1.1	0.7	0.6
Mobile ¹	10.8	12.8	2.9	3.5	16.1	9.0	1.5	1.8	14.1	1.6
ALASKA	40.8	39.4	32.0	30.3	13.2	14.0	7.1	7.7	5.1	4.8
ARIZONA										
Phoenix	6.5	5.2	4.5	3.3	4.8	4.0	2.1	2.0	1.6	1.3
Phoenix	6.7	5.4	4.5	3.2	4.9	4.1	2.2	1.9	1.6	1.5
ARKANSAS										
Fort Smith	7.5	7.9	6.2	6.5	6.3	7.0	4.3	4.9	1.0	1.1
Fort Smith	7.3	7.5	6.8	6.8	6.1	6.3	4.5	5.2	.7	.4
Little Rock-North Little Rock	7.4	6.7	6.5	6.0	6.3	6.1	4.6	4.4	.5	.6
Pine Bluff	5.9	5.6	5.2	4.4	5.9	5.2	2.9	3.4	2.0	1.0
CALIFORNIA ¹										
Los Angeles-Long Beach ¹	5.8	5.0	4.7	3.8	4.8	4.5	2.4	2.2	1.3	1.3
Los Angeles-Long Beach ¹	6.0	5.0	4.9	4.1	5.0	4.9	2.6	2.4	1.1	1.2
COLORADO	7.2	5.1	5.3	3.7	4.9	4.1	2.4	2.1	1.6	1.1
CONNECTICUT										
Hartford	5.0	3.0	4.1	2.4	3.3	3.3	2.1	1.9	.4	.6
Hartford	5.0	2.8	4.3	2.5	2.9	2.9	1.9	1.8	.2	.2
DELAWARE ¹										
Wilmington ¹	4.4	3.3	3.3	2.0	2.2	2.5	1.3	1.3	.2	.5
Wilmington ¹	4.2	3.0	3.0	1.6	2.1	2.2	1.0	1.0	.4	.5
DISTRICT OF COLUMBIA:										
Washington SMSA	3.9	3.1	3.7	2.9	3.2	2.9	2.3	2.0	.2	.2
FLORIDA										
Fort Lauderdale-Hollywood	6.7	6.2	5.7	5.3	6.9	7.4	3.4	3.9	2.5	2.5
Fort Lauderdale-Hollywood	8.8	8.4	8.2	7.7	8.1	6.7	6.2	4.7	.5	.4
Jacksonville	6.6	7.1	6.0	6.6	5.2	7.1	3.5	4.4	.7	1.3
Miami	5.9	6.3	5.5	6.1	4.7	7.3	3.0	4.2	.9	1.9
Orlando	4.2	7.7	3.3	6.5	5.2	8.8	2.6	6.0	1.7	1.8
Pensacola	2.8	2.1	2.6	2.0	3.4	1.6	2.1	1.3	1.1	.1
Tampa-St. Petersburg	8.6	6.2	7.6	4.9	7.9	8.2	4.2	3.7	2.3	3.2
West Palm Beach	6.0	5.8	5.2	4.1	6.0	5.0	3.3	2.5	.7	1.4
GEORGIA										
Atlanta ²	6.5	5.5	4.9	4.2	5.0	5.2	3.2	3.4	.9	.8
Atlanta ²	5.8	4.6	4.9	3.8	4.4	4.2	2.7	2.7	.7	.6
HAWAII ³	5.2	2.2	4.0	1.6	2.3	2.1	1.4	1.2	.2	.2
IDAHO ⁴	9.9	12.1	7.4	6.6	5.1	6.0	3.1	4.0	1.2	
ILLINOIS:										
Chicago	6.7	4.7	5.9	4.0	4.7	4.7	3.0	2.8	.4	
INDIANA ¹										
Indianapolis ⁵	5.4	4.3	4.1	3.0	4.2	3.8	2.2	2.1	1.1	.8
Indianapolis ⁵	5.3	3.6	4.0	2.8	3.9	4.0	2.3	2.5	.4	.5
IOWA										
Cedar Rapids	6.4	4.5	5.4	3.7	3.9	4.2	2.5	2.5	.7	1.1
Cedar Rapids	5.6	4.6	4.4	3.8	3.2	4.8	2.3	2.3	.3	1.7
Des Moines	7.3	4.1	6.0	3.0	6.1	4.9	3.5	3.0	1.7	1.0
KANSAS										
Topeka	5.6	4.8	4.6	3.9	4.2	4.3	2.4	2.7	.9	.8
Topeka	4.8	4.5	3.4	3.4	4.1	4.0	1.6	1.8	2.2	1.7
Wichita	5.7	3.8	4.5	3.0	4.4	3.6	2.4	2.4	.9	.4
KENTUCKY										
Louisville .....	.9	4.0	.5	2.6	.5	3.8	.2	1.9	.1	1.2
Louisville	4.4	3.5	3.0	2.1	3.4	3.0	1.6	1.6	1.0	.7
LOUISIANA:										
New Orleans ⁶	5.9	5.5	4.1	3.0	4.0	4.3	1.6	1.4	1.3	1.7
MAINE										
Portland	11.1	7.3	8.3	5.5	6.1	7.0	4.2	3.9	.7	2.1
Portland	7.3	5.2	5.9	4.1	4.3	3.9	3.0	3.0	.4	.3
MARYLAND										
Baltimore	4.7	3.9	3.9	2.8	3.7	3.7	1.9	1.8	1.1	1.1
Baltimore	4.4	3.4	3.6	2.4	3.4	3.4	1.8	1.7	1.0	1.1

See footnotes at end of table.
NOTE: Data for the current month are preliminary.

ESTABLISHMENT DATA
STATE AND AREA LABOR TURNOVER

D-5: Labor turnover rates in manufacturing for selected States and areas--Continued

State and area	(Per 100 employees)				Separation rates					
	Accession rates		New hires		Total		Quits		Layoffs	
	June 1967	May 1967	June 1967	May 1967	June 1967	May 1967	June 1967	May 1967	June 1967	May 1967
MASSACHUSETTS.....	6.1	4.0	5.0	3.0	4.3	4.1	2.6	2.4	0.8	0.9
Boston.....	6.2	3.9	5.2	3.1	4.4	3.8	2.5	2.3	.8	.7
Fall River.....	4.8	5.2	4.0	4.1	4.4	4.5	2.3	3.2	1.3	.6
New Bedford.....	5.2	4.1	4.3	2.5	3.5	5.0	2.1	2.4	.6	1.9
Springfield-Chicopee-Holyoke.....	7.1	4.2	5.6	3.2	3.9	4.3	2.7	2.7	.2	.8
Worcester.....	5.6	3.5	4.6	2.8	3.5	3.4	2.1	2.3	.6	.7
MICHIGAN.....	(7)	4.2	(7)	2.0	(7)	3.4	(7)	1.3	(7)	1.4
Detroit.....	(7)	3.8	(7)	1.6	(7)	3.1	(7)	1.1	(7)	1.2
MINNESOTA.....	7.9	5.2	6.2	3.4	4.0	4.3	2.4	2.4	.8	1.0
Duluth-Superior.....	7.9	4.2	5.2	2.6	3.1	5.2	2.3	2.4	.2	1.6
Minneapolis-St. Paul.....	7.1	5.4	5.6	3.5	4.2	4.2	2.4	2.4	.9	1.1
MISSISSIPPI:										
Jackson.....	6.0	5.6	5.0	4.1	9.5	7.2	4.0	3.8	4.7	2.4
MISSOURI.....	5.4	4.5	4.2	3.4	3.9	4.2	2.3	2.3	.7	1.1
Kansas City.....	5.5	3.9	4.5	3.2	3.5	4.1	2.1	2.1	.5	1.2
St. Louis.....	5.1	4.1	3.9	3.0	3.8	3.6	1.9	1.8	.9	.9
MONTANA ⁴	8.2	7.0	7.4	5.8	5.3	5.6	3.3	3.8	1.0	.6
NEBRASKA.....	7.1	6.1	5.5	4.7	3.7	4.3	2.4	2.7	.6	1.0
NEVADA.....	6.7	4.9	6.1	2.9	5.2	3.9	3.2	1.7	.8	1.5
NEW HAMPSHIRE.....	7.0	4.9	5.8	3.8	4.8	5.1	3.5	3.5	.5	.9
NEW JERSEY:										
Jersey City.....	4.9	3.4	3.2	1.8	3.1	3.5	1.3	1.2	1.1	1.6
Newark.....	5.0	3.6	3.9	2.6	3.5	3.2	1.6	1.5	1.1	.9
Paterson-Clifton-Passaic.....	5.3	4.1	3.8	2.8	3.7	3.8	1.9	1.7	.9	1.2
Perth Amboy.....	4.7	3.5	3.9	2.3	3.4	3.4	1.5	1.4	1.2	1.2
Trenton.....	4.4	3.2	3.1	1.8	4.4	3.2	1.8	1.4	1.8	1.1
NEW YORK.....	5.4	4.2	3.8	2.7	4.2	4.1	1.7	1.7	1.7	1.6
Albany-Schenectady-Troy.....	4.6	3.2	3.6	2.1	3.2	2.8	1.4	1.4	.8	.4
Binghamton.....	3.2	1.8	2.4	1.4	2.6	2.2	1.6	1.3	.1	.3
Buffalo.....	4.1	3.3	2.8	1.7	3.2	2.6	1.1	1.0	1.5	1.0
Elmira.....	6.4	5.1	5.5	3.6	5.5	4.4	3.2	2.9	1.4	.6
Monroe County ⁸	5.0	3.0	4.4	2.5	2.8	2.5	1.7	1.5	.4	.4
Nassau and Suffolk Counties ⁹	5.0	3.5	4.0	2.9	4.2	3.9	2.1	2.2	1.3	1.0
New York SMSA.....	5.2	4.6	3.6	3.0	4.6	4.8	1.6	1.7	2.1	2.3
New York City ⁹	5.7	5.1	3.6	3.1	4.9	5.6	1.6	1.6	2.5	3.1
Rochester.....	5.6	3.2	4.9	2.7	3.1	2.7	1.8	1.6	.6	.5
Syracuse.....	4.9	2.7	3.3	1.9	3.8	3.3	1.9	1.8	1.1	.7
Utica-Rome.....	4.3	3.2	3.1	2.2	3.4	3.1	1.7	1.7	.9	.7
Westchester County ⁹	5.2	4.8	3.9	2.7	3.7	3.7	1.5	1.6	1.6	1.5
NORTH CAROLINA.....	5.4	5.0	4.5	4.0	4.0	4.5	2.9	3.2	.3	.5
Charlotte.....	5.4	5.0	5.0	4.6	4.6	4.8	3.4	3.7	.3	.2
Greensboro-High Point.....	6.7	5.8	5.7	5.1	4.7	4.9	3.2	3.8	.2	.1
NORTH DAKOTA.....	7.8	5.5	6.6	4.1	3.9	3.5	2.5	1.8	.2	.9
Fargo-Moorhead.....	8.4	6.7	7.6	4.3	3.7	3.1	2.9	2.1	.1	.2
OHIO.....	4.8	3.8	3.5	2.2	3.1	3.1	1.6	1.4	.7	.9
Akron.....	3.8	2.7	2.7	1.7	2.7	2.4	1.2	1.2	.7	.5
Canton.....	5.4	4.0	2.6	1.7	3.2	4.1	1.3	1.2	1.1	2.1
Cincinnati.....	3.9	3.8	2.8	2.7	2.8	2.9	1.4	1.6	.6	.5
Cleveland.....	4.9	3.5	3.8	2.2	3.0	3.1	1.7	1.5	.5	.8
Columbus.....	4.6	3.7	3.4	2.5	3.0	3.0	1.7	1.6	.5	.7
Dayton.....	4.4	3.4	3.7	2.4	3.0	2.7	1.8	1.4	.3	.5
Toledo.....	5.2	6.7	4.2	2.2	3.5	3.3	1.7	1.2	.8	1.1
Youngstown-Warren.....	3.7	4.1	2.2	1.2	2.7	3.0	.9	.8	.9	1.5
OKLAHOMA:										
Oklahoma City.....	5.0	5.2	4.2	4.4	4.8	5.3	2.9	3.0	1.1	1.3
Tulsa ¹⁰	6.8	5.7	6.1	5.4	4.1	4.7	2.9	3.1	.4	.6
OREGON ¹	8.0	6.4	6.6	5.3	5.0	4.9	2.8	3.0	1.4	1.1
Portland ¹	7.1	5.2	5.6	4.4	5.1	4.6	2.6	2.5	1.7	1.2

See footnotes at end of table.
NOTE: Data for the current month are preliminary.

**ESTABLISHMENT DATA
STATE AND AREA LABOR TURNOVER**

D-5: 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	
	June 1967	May 1967	June 1967	May 1967	June 1967	May 1967	June 1967	May 1967	June 1967	May 1967
PENNSYLVANIA:										
Allentown-Bethlehem-Easton.....	4.3	3.1	3.4	2.0	3.0	2.9	1.4	1.5	0.9	0.9
Altoona.....	17.1	3.8	2.7	3.1	2.7	14.7	1.7	2.1	.8	12.4
Erie.....	5.3	3.5	3.8	1.9	3.1	3.6	1.6	1.5	.6	1.4
Harrisburg.....	3.8	3.4	2.6	2.3	2.9	2.5	1.4	1.3	.9	.6
Johnstown.....	5.0	3.8	2.4	1.6	4.1	4.5	1.4	1.2	2.2	2.9
Lancaster.....	5.5	3.3	4.5	2.8	3.2	3.0	2.2	2.1	.4	.3
Philadelphia.....	4.8	3.4	3.6	2.6	3.7	3.2	1.7	1.4	1.1	1.0
Pittsburgh.....	3.2	2.3	2.1	1.2	2.2	2.0	.6	.6	1.0	.9
Reading.....	4.2	3.1	3.3	2.1	3.0	3.3	1.8	1.8	.8	1.0
Scranton.....	5.8	4.8	4.1	2.5	4.4	3.6	1.8	1.4	1.9	1.6
Wilkes-Barre-Hazleton.....	5.1	3.6	3.8	2.4	4.3	3.5	2.3	1.9	1.4	1.1
York.....	6.3	3.6	4.9	2.9	3.8	4.5	2.6	2.5	.6	1.4
RHODE ISLAND:										
Providence-Pawtucket-Warwick.....	6.4	5.4	5.1	4.0	6.0	5.3	3.1	3.1	1.8	1.3
	6.5	5.0	5.1	3.8	6.0	5.2	3.2	3.1	1.6	1.2
SOUTH CAROLINA:										
Greenville.....	5.3	5.6	4.7	5.0	5.3	5.9	3.7	4.3	.6	.6
SOUTH DAKOTA:										
Sioux Falls.....	5.9	5.4	3.8	3.5	3.9	4.0	1.6	2.1	2.0	1.5
	6.2	4.7	3.1	1.6	3.8	3.7	.9	.8	2.8	2.7
TENNESSEE:										
Memphis.....	7.1	6.2	5.7	5.4	10.6	5.6	3.6	3.4	5.9	1.1
TEXAS ¹¹:										
Dallas ¹¹	5.6	4.8	4.9	4.2	3.9	4.1	2.7	2.7	.5	.6
Dallas ¹¹	7.1	5.3	6.4	4.9	5.2	4.8	3.7	3.4	.3	.4
Fort Worth ¹¹	7.2	5.4	6.7	4.7	5.1	4.1	4.3	2.9	.2	.6
Houston ¹¹	5.1	4.2	4.6	3.9	3.7	3.5	2.3	2.3	.3	.3
San Antonio ¹¹	5.0	5.7	4.5	5.0	4.3	4.7	3.1	3.5	.3	.2
UTAH ⁴:										
Salt Lake City ⁴	6.8	4.4	4.8	3.2	3.7	3.9	2.4	2.4	.7	1.0
	6.3	3.7	5.5	3.2	3.8	3.8	2.3	2.3	.7	.9
VERMONT:										
Burlington.....	4.5	3.4	3.4	2.5	2.9	3.6	2.0	2.3	.3	.7
Burlington.....	4.7	2.7	3.7	2.0	2.4	2.6	1.7	2.0	.1	.2
Springfield.....	4.6	2.4	3.5	1.8	2.4	2.6	1.4	1.4	(12)	.8
VIRGINIA:										
Richmond.....	5.3	4.2	4.3	3.2	3.7	3.9	2.4	2.5	.5	.7
Richmond.....	4.6	3.7	3.8	2.8	4.0	4.2	2.3	2.4	.9	1.0
WASHINGTON:										
Seattle-Everett ¹³	7.0	4.9	5.4	3.8	3.5	3.8	2.5	2.5	.4	
WEST VIRGINIA:										
Charleston.....	3.6	1.4	2.6	1.1	1.7	2.0	1.1	.7	.2	.9
WISCONSIN:										
Milwaukee.....	7.1	5.3	5.7	2.9	4.0	3.7	2.1	2.1	1.0	.7
Milwaukee.....	5.7	5.1	4.6	2.8	3.8	3.4	2.0	2.0	.9	.4
WYOMING ⁴:										
	10.5	8.4	8.4	5.6	5.1	4.7	2.5	3.0	1.5	.6

¹Excludes canning and preserving.
²Excludes agricultural chemicals and miscellaneous manufacturing.
³Excludes canned fruits, vegetables, preserves, jams and jellies.
⁴Excludes canning and preserving, and sugar.
⁵Excludes canning and preserving, and newspapers.
⁶Excludes printing and publishing.
⁷Not available.
⁸Subarea of Rochester Standard Metropolitan Statistical Area.
⁹Subarea of New York Standard Metropolitan Statistical Area.
¹⁰Excludes new-hire rate for transportation equipment.
¹¹Excludes canning and preserving, sugar, and tobacco.
¹²Less than 0.05.
¹³Excludes canning and preserving, printing and publishing.
NOTE: Data for the current month are preliminary.
SOURCE: Cooperating State agencies listed on inside back cover.

UNEMPLOYMENT INSURANCE DATA

E-1: Insured unemployment under State programs

(Week including the 12th of the month)

State	Number (in thousands)					Rate (percent of average covered employment)		
	August 1967	July 1967	August 1966	change to Aug. 1967 from 1/		August 1967	July 1967	August 1966
				July 1967	August 1966			
TOTAL²	1 131.8	1 211.6	978.3	-79.9	153.4	2.3	2.5	2.1
SEASONALLY ADJUSTED	1 323.5	1 372.6	1 140.3	-49.1	183.2	2.7	2.8	2.5
Alabama	15.4	17.0	11.0	-1.5	4.4	2.4	2.6	1.8
Alaska	1.4	1.6	1.2	-.2	.3	3.5	4.0	2.9
Arizona	9.0	6.5	5.8	2.4	3.1	2.9	2.1	2.1
Arkansas	8.5	10.5	7.1	-2.1	1.4	2.3	2.9	2.1
California*.....	1 71.8	1 78.2	1 57.3	-6.4	14.5	3.7	3.8	3.5
Colorado	3.5	3.7	3.2	-.3	.3	.8	.9	.8
Connecticut	23.3	28.0	15.5	-4.7	7.9	2.6	3.1	1.8
Delaware	4.4	3.3	5.6	1.1	-1.3	2.8	2.1	3.8
District of Columbia	3.9	4.0	3.4	--	.5	1.2	1.2	1.1
Florida	27.0	26.8	28.3	.3	-1.3	2.3	2.2	2.5
Georgia	19.5	17.7	16.0	1.8	3.4	2.0	1.8	1.8
Hawaii	4.2	4.6	4.0	-.4	.2	2.1	2.3	2.1
Idaho	4.4	4.4	3.3	--	1.1	3.2	3.2	2.4
Illinois	42.3	46.4	31.3	-4.1	11.0	1.4	1.5	1.1
Indiana	19.1	21.4	12.2	-2.2	7.0	1.4	1.6	1.0
Iowa	8.3	5.5	3.7	2.9	4.6	1.6	1.0	.7
Kansas	7.4	5.2	6.1	2.3	1.3	1.9	1.3	1.6
Kentucky	12.9	13.6	8.6	-.7	4.3	2.3	2.5	1.7
Louisiana	19.1	21.4	10.6	-2.3	8.5	2.8	3.1	1.7
Maine	4.0	4.6	3.7	-.5	.3	1.9	2.1	1.8
Maryland	14.2	14.8	11.7	-.6	2.5	1.7	1.7	1.5
Massachusetts	43.2	58.9	40.0	-15.7	3.2	2.6	3.6	2.5
Michigan	97.4	85.6	99.7	11.8	-2.3	4.2	3.7	4.8
Minnesota	9.2	8.8	6.3	.5	2.9	1.1	1.0	.8
Mississippi	7.2	8.3	4.2	-1.2	3.0	2.0	2.4	1.3
Missouri	28.3	22.3	27.8	5.9	.5	2.5	2.0	2.6
Montana	2.0	1.8	1.4	-.1	.6	1.7	1.5	1.2
Nebraska	2.3	2.6	1.9	-.2	.5	.9	1.0	.7
Nevada	3.7	4.0	4.1	-.3	-.4	2.9	3.1	3.3
New Hampshire	1.9	3.0	1.2	-1.2	.7	1.0	1.7	.7
New Jersey	55.2	63.3	49.1	-8.1	6.1	3.1	3.5	2.9
New Mexico	3.8	4.1	2.9	-.3	.9	2.2	2.3	1.7
New York	1 32.3	1 64.0	1 37.7	-31.6	-5.4	2.4	3.0	2.6
North Carolina	18.9	28.6	13.8	-9.7	5.1	1.6	2.4	1.3
North Dakota .....	.6	.7	.6	-.1	-.1	.7	.9	.8
Ohio	43.6	45.8	27.9	-2.2	15.6	1.6	1.7	1.1
Oklahoma	9.3	10.1	8.4	-.7	.9	2.2	2.3	2.0
Oregon	12.1	12.8	8.0	-.7	4.1	2.5	2.6	1.7
Pennsylvania	62.8	80.1	47.5	-17.3	15.3	1.9	2.5	1.5
Puerto Rico*?	44.2	28.5	42.6	15.7	1.6	6.8	6.5	6.2
Rhode Island	7.8	10.0	6.3	-2.2	1.5	2.9	3.7	2.5
South Carolina	12.4	15.3	8.2	-2.9	4.3	2.3	2.8	1.6
South Dakota .....	.5	.6	.5	-.1	--	.6	.7	.7
Tennessee	21.1	28.3	11.5	-7.2	9.5	2.5	3.3	1.5
Texas	21.4	20.2	23.0	1.2	-1.6	1.0	.9	1.1
Utah	4.9	5.1	3.9	-.2	1.1	2.4	2.5	1.9
Vermont	1.6	1.9	1.3	-.3	.3	1.7	2.1	1.5
Virginia	6.6	7.0	5.8	-.4	.8	.7	.8	.7
Washington	21.9	19.1	17.1	2.9	4.9	3.0	2.6	2.6
West Virginia	9.1	10.6	8.0	-1.4	1.2	2.6	3.0	2.4
Wisconsin	22.1	20.6	17.4	1.5	4.7	2.1	1.9	1.7
Wyoming .....	.5	.6	.6	-.1	-.1	.8	.9	.9

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

E-2: Insured unemployment¹ in 150 major labor areas²

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

State and area	August 1967	July 1967	State and area	August 1967	July 1967	State and area	August 1967	July 1967	State and area	August 1967	July 1967
ALABAMA			INDIANA			NEW HAMPSHIRE			Pennsylvania--		
Birmingham.....	3.7	3.2	Evansville.....	1.0	.8	Manchester.....	.4	.9	continued		
Mobile.....	2.0	1.9	Ft. Wayne.....	.8	.6				York.....	1.2	2.1
			Gary-Hammond..	2.0	2.2	NEW JERSEY			PUERTO RICO*		
			Indianapolis....	2.4	2.3	Atlantic City....	1.0	1.1	Mayaguez.....	1.3	1.1
ARIZONA			South Bend.....	1.1	1.2	Jersey City.....	7.3	8.3	Ponce.....	4.0	1.3
Phoenix.....	4.6	4.3	Terre Haute.....	.6	.7	New Brunswick..	1.6.5	1.9.1	San Juan.....	4.1	4.1
						New Brunswick..	7.3	7.3			
			IOWA			Paterson.....	1.0.9	1.3.3			
ARKANSAS			Cedar Rapids....	.2	.2	Trenton.....	2.4	2.0			
Little Rock.....	.7	.7	Des Moines.....	.9	.7				RHODE ISLAND		
									Providence.....	8.5	10.7
			KANSAS			NEW MEXICO					
			Wichita.....	1.4	1.6	Albuquerque....	1.3	1.4			
CALIFORNIA*									SOUTH CAROLINA		
Fresno.....	3.7	4.7	KENTUCKY			NEW YORK			Charleston.....	.9	.9
Los Angeles.....	73.5	74.5	Louisville.....	3.0	2.4	Albany.....	2.7	2.9	Greenville.....	1.6	2.3
Sacramento.....	6.8	7.7				Binghamton....	.8	.8			
San Bernardino..	10.5	10.4	LOUISIANA			Buffalo.....	8.5	14.8			
San Diego.....	9.1	9.7	Baton Rouge....	1.6	2.5	New York.....	10.1.4	12.1.3			
San Francisco...	29.9	29.8	New Orleans....	5.6	5.4	Rochester.....	2.9	4.0			
San Jose.....	7.3	7.1	Shreveport.....	.8	.8	Syracuse.....	3.3	4.5	TENNESSEE		
Stockton.....	2.8	3.9				Utica.....	2.5	3.3	Chattanooga....	1.4	1.6
			MAINE						Knoxville.....	1.5	1.5
COLORADO			Portland.....	.4	.4	NORTH CAROLINA			Memphis.....	2.5	3.8
Denver.....	2.1	2.2				Asheville.....	.7	.9	Nashville.....	2.6	3.5
			MARYLAND			Charlotte.....	1.0	1.1			
			Baltimore.....	10.0	9.5	Durham.....	.7	.8	TEXAS		
CONNECTICUT						Greensboro....	.8	1.1	Austin.....	.3	.3
Bridgeport.....	4.2	3.5	MASSACHUSETTS			Winston-Salem..	.8	1.2	Beaumont.....	1.6	1.6
Hartford.....	4.9	4.2	Boston.....	19.0	20.9				Corpus Christi..	.6	.6
New Britain.....	1.0	.9	Brockton.....	1.3	1.8	OHIO			Dallas.....	3.8	2.8
New Haven.....	3.9	3.2	Fall River.....	1.5	4.5	Akron.....	2.0	2.1	El Paso.....	.9	.9
Stamford.....	.8	.9	Lawrence.....	2.5	4.8	Canton.....	1.3	1.3	Ft. Worth.....	1.4	1.3
Waterbury.....	2.3	3.9	Lowell.....	1.7	2.8	Cincinnati.....	7.3	6.3	Houston.....	2.3	2.3
			New Bedford....	2.2	5.2	Cleveland.....	7.5	10.2	San Antonio....	1.2	1.3
DELAWARE			Springfield....	4.4	4.9	Columbus.....	1.6	2.1			
Wilmington.....	4.5	3.8	Worcester.....	2.5	3.0	Dayton.....	1.4	1.5	UTAH		
						Hamilton.....	1.5	1.6	Salt Lake City..	3.0	3
DIST. OF COL.			MICHIGAN			Lorain.....	2.3	1.3			
Washington.....	5.5	5.5	Battle Creek....	1.0	.9	Lorain.....	1.2	1.1	VIRGINIA		
			Detroit.....	46.9	43.9	Steubenville...	1.2	1.1	Hampton.....	.4	.5
			Flint.....	1.5	1.5	Toledo.....	2.4	3.7	Norfolk.....	1.1	1.3
FLORIDA			Grand Rapids...	3.0	4.7	Youngstown....	4.3	3.5	Richmond.....	.4	.5
Jacksonville....	.8	.7	Kalamazoo.....	1.3	1.1				Roanoke.....	.2	.2
Miami.....	5.5	6.0	Lansing.....	6.8	1.2	OKLAHOMA					
Tampa.....	3.3	4.3	Muskegon.....	1.0	1.3	Oklahoma City..	2.0	2.1	WASHINGTON		
			Saginaw.....	2.6	4.5	Tulsa.....	1.5	1.5	Seattle.....	6.6	6.1
									Spokane.....	2.1	2.0
GEORGIA			MINNESOTA			OREGON			Tacoma.....	1.9	1.8
Atlanta.....	8.5	3.3	Duluth.....	1.0	1.0	Portland.....	5.3	5.4			
Augusta.....	.8	.7	Minneapolis....	4.0	2.8				WEST VIRGINIA		
Columbus.....	.6	.5				PENNSYLVANIA			Charleston.....	1.3	.9
Macon.....	.4	.3	MISSISSIPPI			Allentown.....	2.4	4.7	Huntington.....	1.3	1.6
Savannah.....	.4	.5	Jackson.....	.7	.9	Altoona.....	.9	1.2	Wheeling.....	1.5	1.2
						Erie.....	1.3	1.1			
HAWAII			MISSOURI			Harrisburg....	1.3	1.8			
Honolulu.....	3.2	3.5	Kansas City....	10.8	4.6	Johnstown.....	2.2	2.8	WISCONSIN		
			St. Louis.....	16.4	12.1	Lancaster.....	.7	.8	Kenosha.....	2.5	2.0
						Philadelphia...	24.6	27.0	Madison.....	.3	.4
ILLINOIS			NEBRASKA			Pittsburgh.....	12.2	14.1	Milwaukee.....	6.8	6.6
Chicago.....	25.6	26.1	Omaha.....	1.5	1.5	Reading.....	1.4	2.3	Racine.....	1.5	1.6
Davenport.....	1.2	.6				Scranton.....	2.1	3.8			
Peoria.....	1.2	1.1				Wilkes-Barre...	4.0	6.4			
Rockford.....	.9	1.4									

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 Bureau of Employment Security.

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

SPECIAL SECTION

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ESTABLISHMENT DATA

**A: Employees on nonagricultural payrolls, by industry
1965 to date**

(In thousands)

Year	January	February	March	April	May	June	July	August	September	October	November	December	Annual Average
TOTAL													
1965	58,494	58,610	59,066	59,842	60,401	61,280	61,126	61,418	61,977	62,224	62,441	63,104	60,832
1966	61,493	61,676	62,334	63,030	63,567	64,676	64,391	64,607	65,017	65,351	65,559	66,087	63,982
1967	64,531	64,491	64,843	65,215	65,594								
PRIVATE SECTOR													
1965	48,644	48,672	49,064	49,806	50,344	51,206	51,361	51,666	51,825	51,865	51,968	52,465	50,741
1966	51,000	51,051	51,595	52,230	52,727	53,763	53,818	54,087	54,095	54,158	54,220	54,590	53,111
1967	53,165	53,017	53,289	53,631	53,990								
MINING													
1965	622	619	618	628	634	645	645	646	632	632	634	629	632
1966	618	612	617	587	627	642	642	645	634	627	624	622	625
1967	611	606	607	614	618								
CONTRACT CONSTRUCTION													
1965	2,780	2,691	2,795	2,959	3,197	3,388	3,446	3,546	3,469	3,438	3,345	3,177	3,186
1966	2,941	2,822	2,989	3,166	3,286	3,533	3,634	3,653	3,540	3,466	3,328	3,146	3,292
1967	2,947	2,863	2,922	3,106	3,227								
MANUFACTURING													
1965	17,434	17,518	17,618	17,710	17,806	18,095	18,096	18,302	18,528	18,521	18,564	18,549	18,062
1966	18,418	18,617	18,760	18,885	19,017	19,366	19,228	19,499	19,638	19,640	19,625	19,534	19,186
1967	19,333	19,297	19,263	19,181	19,133								
DURABLE GOODS													
1965	10,001	10,056	10,117	10,228	10,295	10,456	10,442	10,442	10,646	10,666	10,738	10,779	10,406
1966	10,765	10,891	10,996	11,115	11,206	11,392	11,285	11,318	11,502	11,538	11,549	11,516	11,256
1967	11,413	11,389	11,359	11,298	11,282								
ORDNANCE AND ACCESSORIES													
1965	224.1	221.5	219.7	219.0	220.5	221.9	225.1	226.6	230.6	232.5	234.9	233.5	225.8
1966	238.8	242.8	245.1	247.6	251.7	254.9	256.6	259.5	263.6	267.2	271.6	272.7	256.0
1967	279.2	283.2	285.3	285.8	285.1								
LUMBER AND WOOD PRODUCTS													
1965	568.5	574.8	585.8	593.5	607.3	628.2	628.9	632.6	624.0	617.4	613.9	607.7	606.9
1966	596.6	596.3	601.9	609.2	617.1	642.9	637.6	638.8	619.8	607.8	598.4	584.3	612.6
1967	577.1	576.8	577.6	579.6	584.8								
FURNITURE AND FIXTURES													
1965	415.5	417.6	421.5	424.8	422.8	429.0	427.4	434.8	440.1	442.8	445.0	447.6	430.7
1966	446.6	448.4	453.0	452.4	455.9	464.0	457.7	472.4	471.2	472.8	474.2	471.6	461.7
1967	462.4	459.4	455.8	451.0	448.3								
STONE, CLAY, AND GLASS PRODUCTS													
1965	594.8	595.7	605.6	620.2	625.2	636.8	643.6	649.9	651.3	644.1	640.3	632.0	628.3
1966	621.3	619.3	628.6	645.2	651.2	661.8	665.6	664.8	657.1	647.9	642.6	629.4	644.6
1967	616.5	612.6	617.7	624.5	628.4								
PRIMARY METAL INDUSTRIES													
1965	1,275.5	1,286.0	1,293.5	1,304.5	1,307.3	1,330.6	1,329.2	1,327.7	1,321.4	1,284.0	1,271.0	1,281.3	1,301.0
1966	1,291.6	1,307.7	1,322.5	1,340.5	1,348.9	1,375.1	1,373.2	1,371.7	1,365.1	1,352.4	1,348.9	1,347.4	1,345.4
1967	1,348.2	1,338.2	1,330.9	1,314.1	1,310.2								
FABRICATED METAL PRODUCTS													
1965	1,224.6	1,234.9	1,215.1	1,248.0	1,259.8	1,279.4	1,270.2	1,275.0	1,294.4	1,300.5	1,313.0	1,312.8	1,269.0
1966	1,309.4	1,318.2	1,324.9	1,334.8	1,338.4	1,358.2	1,336.5	1,358.1	1,370.1	1,376.6	1,384.7	1,379.5	1,349.1
1967	1,364.6	1,358.5	1,350.2	1,346.7	1,345.6								
MACHINERY, EXC ELECTRICAL													
1965	1,668.9	1,678.8	1,697.3	1,709.5	1,716.8	1,739.3	1,748.9	1,746.2	1,760.6	1,764.3	1,786.4	1,806.7	1,735.3
1966	1,824.0	1,851.4	1,870.5	1,884.2	1,898.8	1,926.7	1,932.3	1,936.4	1,941.0	1,943.6	1,948.2	1,975.8	1,911.1
1967	1,965.8	1,988.4	1,994.0	1,988.7	1,977.6								
ELECTRICAL EQUIPMENT AND SUPPLIES													
1965	1,585.6	1,589.6	1,598.5	1,606.9	1,618.6	1,644.5	1,646.7	1,665.8	1,701.1	1,728.3	1,750.5	1,774.2	1,659.2
1966	1,784.3	1,807.1	1,819.0	1,851.9	1,866.5	1,904.8	1,892.3	1,941.7	1,957.4	1,979.9	1,977.8	1,974.2	1,896.4
1967	1,962.0	1,954.7	1,933.4	1,902.9	1,885.0								

ESTABLISHMENT DATA

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A: Employees on nonagricultural payrolls, by industry--Continued
1965 to date

(In thousands)

Year	January	February	March	April	May	June	July	August	September	October	November	December	Annual Average
DURABLE GOODS--CONTINUED													
TRANSPORTATION EQUIPMENT													
1965	1,684.7	1,687.7	1,701.7	1,716.4	1,729.9	1,742.4	1,722.9	1,654.1	1,779.8	1,797.8	1,826.8	1,842.9	1,740.6
1966	1,844.7	1,873.5	1,892.7	1,900.9	1,916.4	1,927.2	1,871.3	1,782.9	1,958.5	1,980.0	1,994.2	1,995.9	1,911.5
1967	1,951.4	1,947.7	1,941.2	1,927.6	1,938.1								
INSTRUMENTS AND RELATED PRODUCTS													
1965	374.1	375.8	378.0	379.4	377.9	387.7	391.3	394.6	398.3	399.8	403.8	407.7	389.0
1966	410.4	415.8	420.3	422.7	428.0	435.4	436.2	440.7	441.2	446.2	447.9	452.3	433.1
1967	451.2	452.8	453.8	453.2	451.0								
MISCELLANEOUS MANUFACTURING INDUSTRIES													
1965	384.4	393.5	400.3	405.6	408.6	416.1	407.8	434.7	444.1	454.8	452.0	432.3	419.5
1966	397.1	410.1	417.0	425.6	432.7	441.4	426.0	450.5	456.8	463.3	460.1	432.9	434.5
1967	414.5	417.0	419.3	424.2	428.1								
NONDURABLE GOODS													
1965	7,433	7,462	7,501	7,482	7,511	7,639	7,654	7,860	7,882	7,855	7,826	7,770	7,656
1966	7,653	7,726	7,764	7,770	7,811	7,974	7,943	8,181	8,136	8,102	8,076	8,018	7,930
1967	7,920	7,908	7,904	7,883	7,851								
FOOD AND KINDRED PRODUCTS													
1965	1,691.0	1,667.8	1,668.7	1,663.5	1,686.6	1,741.2	1,796.8	1,877.7	1,881.6	1,847.7	1,807.3	1,750.5	1,756.7
1966	1,700.2	1,686.1	1,691.7	1,694.3	1,701.5	1,770.5	1,824.5	1,919.5	1,902.2	1,857.0	1,820.0	1,779.2	1,778.9
1967	1,725.4	1,708.3	1,713.0	1,713.8	1,731.8								
TOBACCO MANUFACTURES.													
1965	89.2	85.7	80.4	77.2	76.3	76.7	76.3	92.9	102.1	102.6	90.1	91.8	86.8
1966	84.9	82.2	78.3	75.5	73.5	74.5	73.7	88.5	95.3	95.4	92.0	92.6	83.9
1967	88.6	81.5	77.0	75.3	74.9								
TEXTILE MILL PRODUCTS													
1965	895.1	902.0	909.3	916.8	919.3	930.6	921.6	936.8	940.2	943.8	947.5	944.6	925.6
1966	938.9	946.4	954.2	958.0	962.6	975.9	958.6	977.1	970.7	969.4	966.6	960.0	961.5
1967	950.8	945.2	948.1	944.1	941.0								
APPAREL AND OTHER TEXTILE PRODUCTS													
1965	1,311.5	1,341.3	1,355.8	1,331.8	1,333.5	1,358.0	1,314.2	1,377.2	1,383.4	1,383.7	1,383.9	1,375.5	1,354.2
1966	1,333.7	1,395.3	1,405.2	1,385.0	1,401.0	1,418.5	1,355.6	1,424.5	1,417.2	1,422.7	1,421.9	1,405.0	1,398.8
1967	1,392.4	1,407.5	1,396.3	1,376.2	1,382.2								
PAPER AND ALLIED PRODUCTS													
1965	625.9	625.6	627.4	630.2	630.4	640.8	642.4	646.0	648.6	648.7	650.5	652.9	639.1
1966	649.4	650.8	653.1	656.8	658.2	675.8	674.9	680.4	673.5	675.9	681.0	680.2	667.5
1967	674.3	674.3	676.8	675.6	674.2								
PRINTING AND PUBLISHING													
1965	961.4	965.5	970.5	971.7	970.0	977.6	980.9	983.1	985.7	990.5	996.4	999.8	979.4
1966	993.7	999.8	1,000.9	1,009.6	1,010.8	1,022.0	1,026.0	1,030.7	1,033.7	1,040.0	1,043.6	1,050.6	1,021.8
1967	1,047.3	1,052.9	1,060.4	1,060.8	1,059.3								
CHEMICALS AND ALLIED PRODUCTS													
1965	881.5	885.6	895.3	904.1	903.3	908.4	919.4	924.4	919.3	914.7	916.7	920.3	907.8
1966	921.2	927.7	939.4	947.5	952.6	968.1	973.7	980.8	971.5	968.7	971.4	972.5	957.9
1967	973.9	976.3	980.1	988.6	985.3								
PETROLEUM AND COAL PRODUCTS													
1965	178.6	179.1	180.2	180.7	180.9	184.7	187.5	187.9	186.3	184.4	183.0	181.5	182.9
1966	180.0	180.5	181.2	183.4	185.9	189.6	193.5	191.7	189.1	186.5	185.8	184.2	186.0
1967	182.5	183.0	182.8	185.9	187.4								
RUBBER AND MISC. PLASTICS PRODUCTS													
1965	451.6	457.2	461.0	463.5	464.3	469.0	463.9	473.7	478.8	484.0	490.1	492.2	470.8
1966	491.5	491.7	495.2	499.2	502.0	510.5	505.8	516.6	519.1	524.6	529.7	531.4	509.8
1967	526.8	521.4	518.4	517.0	469.1								

A: Employees on nonagricultural payrolls, by industry--Continued

1965 to date

(In thousands)

Year	January	February	March	April	May	June	July	August	September	October	November	December	Annual Average
NONDURABLE GOODS--CONTINUED													
LEATHER AND LEATHER PRODUCTS													
1965	347.6	351.8	352.7	342.3	346.1	352.2	350.5	360.2	355.5	354.5	360.0	361.1	352.9
1966	359.7	365.8	365.2	361.1	362.5	368.4	356.6	371.3	363.3	361.7	363.9	362.3	363.5
1967	357.5	357.8	351.4	346.1	345.6								
TRANSPORTATION AND PUBLIC UTILITIES													
1965	3,879	3,920	3,963	3,984	4,009	4,073	4,081	4,097	4,117	4,109	4,098	4,097	4,036
1966	4,030	4,039	4,064	4,088	4,129	4,194	4,185	4,171	4,238	4,219	4,229	4,222	4,151
1967	4,183	4,175	4,191	4,174	4,250								
WHOLESALE AND RETAIL TRADE													
1965	12,254	12,181	12,242	12,535	12,586	12,749	12,739	12,741	12,813	12,897	13,093	13,760	12,716
1966	12,822	12,713	12,808	12,997	13,046	13,226	13,214	13,219	13,251	13,385	13,603	14,248	13,211
1967	13,334	13,218	13,332	13,412	13,503								
WHOLESALE TRADE													
1965	3,227	3,221	3,230	3,241	3,257	3,323	3,356	3,366	3,363	3,380	3,382	3,401	3,312
1966	3,353	3,349	3,354	3,365	3,378	3,448	3,485	3,498	3,476	3,500	3,512	3,534	3,438
1967	3,491	3,479	3,486	3,499	3,503								
RETAIL TRADE													
1965	9,027	8,960	9,012	9,294	9,329	9,426	9,383	9,375	9,450	9,517	9,711	10,359	9,404
1966	9,469	9,364	9,454	9,632	9,668	9,778	9,729	9,721	9,775	9,885	10,091	10,714	9,773
1967	9,843	9,739	9,846	9,913	10,000								
FINANCE, INSURANCE, AND REAL ESTATE													
1965	2,955	2,966	2,978	2,991	3,007	3,039	3,075	3,079	3,049	3,045	3,042	3,044	3,023
1966	3,029	3,036	3,058	3,071	3,085	3,128	3,165	3,164	3,127	3,117	3,116	3,125	3,102
1967	3,114	3,133	3,157	3,181	3,202								
SERVICES													
1965	8,720	8,777	8,850	8,999	9,105	9,217	9,279	9,255	9,217	9,223	9,192	9,209	9,087
1966	9,142	9,212	9,299	9,436	9,537	9,674	9,750	9,736	9,667	9,704	9,695	9,693	9,545
1967	9,643	9,725	9,817	9,963	10,057								
GOVERNMENT													
1965	9,850	9,938	10,002	10,036	10,057	10,074	9,765	9,752	10,152	10,359	10,473	10,639	10,091
1966	10,493	10,625	10,730	10,800	10,840	10,913	10,573	10,520	10,922	11,193	11,339	11,497	10,871
1967	11,366	11,474	11,554	11,584	11,604								
FEDERAL GOVERNMENT													
1965	2,323	2,319	2,326	2,337	2,338	2,374	2,407	2,408	2,373	2,384	2,402	2,543	2,378
1966	2,406	2,431	2,460	2,493	2,513	2,593	2,631	2,631	2,589	2,612	2,641	2,769	2,564
1967	2,643	2,652	2,669	2,683	2,690								
STATE AND LOCAL GOVERNMENT													
1965	7,527	7,619	7,676	7,699	7,719	7,700	7,358	7,344	7,779	7,975	8,071	8,096	7,714
1966	8,087	8,194	8,279	8,307	8,327	8,320	7,942	7,889	8,333	8,581	8,698	8,728	8,307
1967	8,723	8,822	8,885	8,901	8,914								

B: Production or nonsupervisory workers¹ on private nonagricultural payrolls

1965 to date

(In thousands)

TOTAL PRIVATE ¹													
1965	40,439	40,429	40,775	41,462	41,964	42,750	42,838	43,134	43,304	43,327	43,405	43,875	42,309
1966	42,388	42,410	42,902	43,479	43,936	44,850	44,834	45,072	45,097	45,157	45,167	45,517	44,234
1967	44,079	43,895	44,136	44,440	44,782								
MANUFACTURING													
1965	12,918	12,987	13,080	13,148	13,226	13,462	13,419	13,607	13,846	13,835	13,859	13,825	13,434
1966	13,678	13,847	13,956	14,051	14,153	14,428	14,235	14,490	14,657	14,653	14,619	14,513	14,273
1967	14,304	14,252	14,200	14,104	14,059								
DURABLE GOODS													
1965	7,386	7,431	7,488	7,582	7,636	7,767	7,724	7,708	7,917	7,935	7,990	8,016	7,715
1966	7,982	8,086	8,164	8,260	8,329	8,469	8,326	8,349	8,545	8,574	8,572	8,528	8,349
1967	8,417	8,380	8,340	8,271	8,261								
NONDURABLE													
1965	5,532	5,556	5,592	5,566	5,590	5,695	5,695	5,899	5,929	5,900	5,869	5,809	5,719
1966	5,696	5,761	5,792	5,791	5,824	5,959	5,909	6,141	6,112	6,079	6,047	5,985	5,925
1967	5,887	5,872	5,860	5,833	5,798								

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.

ESTABLISHMENT DATA

C: Hours and earnings of production or nonsupervisory workers¹ on private nonagricultural payrolls

1965 to date

Year	January	February	March	April	May	June	July	August	September	October	November	December	Annual Average
TOTAL PRIVATE [†]													
AVERAGE WEEKLY EARNINGS-IN DOLLARS													
1965	92.64	93.03	93.27	93.03	94.67	95.31	95.80	95.80	95.98	96.61	96.36	96.72	95.06
1966	96.25	96.50	97.14	97.41	98.04	99.20	99.84	99.71	100.88	100.62	99.84	99.97	98.69
1967	99.70	99.30	99.56	99.41	100.06								
AVERAGE HOURLY EARNINGS-IN DOLLARS													
1965	2.40	2.41	2.41	2.41	2.44	2.45	2.45	2.45	2.48	2.49	2.49	2.48	2.45
1966	2.50	2.50	2.51	2.53	2.54	2.55	2.56	2.55	2.60	2.60	2.60	2.59	2.55
1967	2.61	2.62	2.62	2.63	2.64								
AVERAGE WEEKLY HOURS													
1965	38.6	38.6	38.7	38.6	38.8	38.9	39.1	39.1	38.7	38.8	38.7	39.0	38.8
1966	38.5	38.6	38.7	38.5	38.6	38.9	39.0	39.1	38.8	38.7	38.4	38.6	38.7
1967	38.2	37.9	38.0	37.8	37.9								
MANUFACTURING													
AVERAGE WEEKLY EARNINGS-IN DOLLARS													
1965	105.52	106.19	106.71	105.82	107.53	107.79	107.01	106.45	108.09	109.03	109.71	110.92	107.53
1966	110.00	110.95	110.95	111.24	112.47	112.74	111.38	111.78	114.13	113.85	113.99	114.40	112.34
1967	113.42	111.88	112.44	112.56	113.52								
AVERAGE HOURLY EARNINGS-IN DOLLARS													
1965	2.58	2.59	2.59	2.60	2.61	2.61	2.61	2.59	2.63	2.64	2.65	2.66	2.61
1966	2.67	2.68	2.68	2.70	2.71	2.71	2.71	2.70	2.75	2.75	2.76	2.77	2.72
1967	2.78	2.79	2.79	2.80	2.81								
AVERAGE WEEKLY HOURS													
1965	40.9	41.0	41.2	40.7	41.2	41.3	41.0	41.1	41.1	41.3	41.4	41.7	41.2
1966	41.2	41.4	41.4	41.2	41.5	41.6	41.1	41.4	41.5	41.4	41.3	41.3	41.3
1967	40.8	40.1	40.3	40.2	40.4								
AVERAGE WEEKLY OVERTIME HOURS													
1965	3.3	3.3	3.5	3.1	3.5	3.6	3.4	3.6	3.8	3.9	3.9	4.0	3.6
1966	3.7	3.8	3.9	3.9	4.0	4.0	3.9	4.0	4.2	4.1	4.1	4.1	4.0
1967	3.4	3.2	3.2	3.1	3.2								
DURABLE GOODS													
AVERAGE WEEKLY EARNINGS-IN DOLLARS													
1965	115.37	115.79	117.04	115.93	117.46	117.74	116.34	115.51	117.18	118.72	119.43	120.98	117.18
1966	119.99	120.69	121.11	121.54	121.82	122.54	119.81	120.96	123.94	124.07	123.77	124.62	122.09
1967	122.84	120.77	121.36	121.18	122.89								
AVERAGE HOURLY EARNINGS-IN DOLLARS													
1965	2.76	2.77	2.78	2.78	2.79	2.79	2.79	2.77	2.81	2.82	2.83	2.84	2.79
1966	2.85	2.86	2.87	2.88	2.88	2.89	2.88	2.88	2.93	2.94	2.94	2.96	2.90
1967	2.96	2.96	2.96	2.97	2.99								
AVERAGE WEEKLY HOURS													
1965	41.8	41.8	42.1	41.7	42.1	42.2	41.7	41.7	41.7	42.1	42.2	42.6	42.0
1966	42.1	42.2	42.2	42.2	42.3	42.4	41.6	42.0	42.3	42.2	42.1	42.1	42.1
1967	41.5	40.8	41.0	40.8	41.1								
AVERAGE WEEKLY OVERTIME HOURS													
1965	3.6	3.7	3.8	3.5	3.9	4.0	3.7	3.8	4.0	4.2	4.3	4.4	3.9
1966	4.1	4.2	4.3	4.3	4.4	4.4	4.1	4.3	4.6	4.5	4.3	4.4	4.0
1967	3.7	3.4	3.4	3.2	3.3								
NONDURABLE GOODS													
AVERAGE WEEKLY EARNINGS-IN DOLLARS													
1965	92.50	92.73	93.60	92.20	94.00	94.47	94.87	95.11	95.68	95.68	96.32	96.96	94.64
1966	95.52	96.88	96.88	96.96	98.33	99.23	99.14	99.23	99.54	99.94	100.10	100.25	98.49
1967	99.65	99.18	100.08	100.22	100.73								
AVERAGE HOURLY EARNINGS-IN DOLLARS													
1965	2.33	2.33	2.34	2.34	2.35	2.35	2.36	2.36	2.38	2.38	2.39	2.40	2.36
1966	2.40	2.41	2.41	2.43	2.44	2.54	2.46	2.45	2.47	2.48	2.49	2.50	2.45
1967	2.51	2.53	2.54	2.55	2.55								
AVERAGE WEEKLY HOURS													
1965	39.7	39.8	40.0	39.4	40.0	40.2	40.2	40.3	40.2	40.2	40.3	40.4	40.1
1966	39.8	40.2	40.2	39.9	40.3	40.5	40.3	40.5	40.3	40.3	40.2	40.1	40.2
1967	39.7	39.2	39.4	39.3	39.5								
AVERAGE WEEKLY OVERTIME HOURS													
1965	2.8	2.9	3.0	2.7	3.1	3.2	3.1	3.3	3.5	3.5	3.4	3.4	3.2
1966	3.1	3.3	3.3	3.3	3.4	3.5	3.5	3.5	3.7	3.6	3.4	3.4	3.3
1967	3.0	2.9	3.0	2.9	3.0								

¹See footnote 1, table B.

**ESTABLISHMENT DATA
SEASONALLY ADJUSTED**

D: Employees on nonagricultural payrolls, by industry, seasonally adjusted

1965 to date

(In thousands)

Year	January	February	March	April	May	June	July	August	September	October	November	December
TOTAL												
1965	59,484	59,778	60,048	60,186	60,453	60,692	60,928	61,132	61,319	61,553	61,933	62,319
1966	62,503	62,889	63,296	63,427	63,616	64,069	64,180	64,345	64,394	64,694	65,014	65,251
1967	65,564	65,692	65,749	65,653	65,639							
MINING												
1965	637	637	635	634	633	632	632	631	623	628	631	631
1966	633	630	635	592	626	628	629	630	625	623	621	623
1967	625	624	624	620	617							
CONTRACT CONSTRUCTION												
1965	3,131	3,166	3,180	3,118	3,159	3,175	3,136	3,175	3,188	3,207	3,251	3,334
1966	3,308	3,312	3,389	3,340	3,250	3,305	3,307	3,273	3,260	3,239	3,241	3,291
1967	3,311	3,352	3,313	3,276	3,192							
MANUFACTURING												
1965	17,661	17,726	17,797	17,860	17,902	18,004	18,103	18,172	18,222	18,305	18,445	18,556
1966	18,646	18,834	18,940	19,037	19,121	19,268	19,242	19,371	19,337	19,422	19,498	19,526
1967	19,558	19,507	19,445	19,331	19,238							
DURABLE GOODS												
1965	10,096	10,149	10,194	10,253	10,288	10,360	10,441	10,512	10,543	10,588	10,680	10,770
1966	10,859	10,989	11,071	11,140	11,206	11,293	11,290	11,395	11,401	11,457	11,485	11,496
1967	11,507	11,482	11,434	11,322	11,283							
ORDNANCE AND ACCESSORIES												
1965	223	221	220	220	221	223	226	228	230	232	234	232
1966	237	242	246	249	253	256	257	261	263	267	270	272
1967	277	283	286	288	286							
LUMBER AND WOOD PRODUCTS												
1965	598	603	613	607	606	604	604	604	605	608	613	621
1966	627	624	628	622	616	618	612	611	602	599	598	596
1967	607	603	602	592	584							
FURNITURE AND FIXTURES												
1965	419	422	425	429	428	429	431	430	434	437	440	446
1966	450	453	456	457	461	464	461	467	465	466	469	469
1967	466	465	459	455	453							
STONE, CLAY, AND GLASS PRODUCTS												
1965	622	623	627	625	620	621	626	628	633	635	637	644
1966	648	647	649	649	647	646	646	643	639	640	640	640
1967	642	640	638	628	624							
PRIMARY METAL INDUSTRIES												
1965	1,288	1,293	1,292	1,294	1,294	1,308	1,313	1,322	1,317	1,301	1,290	1,297
1966	1,306	1,317	1,324	1,331	1,337	1,350	1,356	1,364	1,361	1,370	1,369	1,364
1967	1,362	1,348	1,332	1,305	1,299							
FABRICATED METAL PRODUCTS												
1965	1,235	1,249	1,229	1,254	1,261	1,268	1,278	1,275	1,282	1,288	1,301	1,309
1966	1,319	1,332	1,338	1,342	1,341	1,346	1,346	1,358	1,358	1,364	1,372	1,374
1967	1,374	1,372	1,364	1,354	1,348							
MACHINERY, EXC ELECTRICAL												
1965	1,672	1,677	1,689	1,699	1,710	1,724	1,747	1,752	1,766	1,779	1,804	1,810
1966	1,826	1,850	1,861	1,875	1,893	1,911	1,928	1,942	1,947	1,959	1,968	1,978
1967	1,988	1,984	1,984	1,979	1,972							
ELECTRICAL EQUIPMENT AND SUPPLIES												
1965	1,582	1,594	1,610	1,620	1,635	1,648	1,662	1,673	1,688	1,708	1,732	1,757
1966	1,781	1,813	1,832	1,865	1,885	1,909	1,910	1,950	1,942	1,956	1,956	1,955
1967	1,958	1,959	1,947	1,916	1,904							

**ESTABLISHMENT DATA
SEASONALLY ADJUSTED**

**D: Employees on nonagricultural payrolls, by industry, seasonally adjusted--Continued
1965 to date**

(In thousands)

Year	January	February	March	April	May	June	July	August	September	October	November	December
DURABLE GOODS--CONTINUED												
TRANSPORTATION EQUIPMENT												
1965	1,671	1,678	1,695	1,710	1,721	1,736	1,747	1,786	1,769	1,773	1,796	1,809
1966	1,830	1,864	1,883	1,890	1,905	1,921	1,902	1,923	1,949	1,955	1,959	1,959
1967	1,938	1,938	1,932	1,916	1,927							
INSTRUMENTS AND RELATED PRODUCTS												
1965	376	377	380	381	380	387	392	393	396	399	402	407
1966	412	418	422	425	431	434	437	439	439	445	446	451
1967	453	454	456	456	454							
MISCELLANEOUS MANUFACTURING INDUSTRIES												
1965	410	412	414	414	412	412	415	421	423	428	431	438
1966	423	429	432	435	437	438	435	437	436	436	438	438
1967	442	436	434	433	432							
NONDURABLE GOODS												
1965	7,565	7,577	7,603	7,607	7,614	7,644	7,662	7,660	7,679	7,717	7,765	7,786
1966	7,787	7,845	7,869	7,897	7,915	7,975	7,952	7,976	7,936	7,965	8,013	8,030
1967	8,051	8,025	8,011	8,009	7,955							
FOOD AND KINDRED PRODUCTS												
1965	1,762	1,757	1,758	1,746	1,750	1,752	1,755	1,748	1,741	1,760	1,782	1,768
1966	1,771	1,775	1,781	1,780	1,765	1,783	1,784	1,787	1,763	1,769	1,793	1,795
1967	1,795	1,798	1,803	1,800	1,797							
TOBACCO MANUFACTURES												
1965	90	89	88	88	88	88	88	86	86	84	83	86
1966	86	86	86	86	85	85	85	83	80	79	84	86
1967	89	85	84	86	86							
TEXTILE MILL PRODUCTS												
1965	907	910	913	919	919	922	927	928	933	937	943	947
1966	951	955	958	959	963	967	964	968	964	963	962	962
1967	963	954	952	945	941							
APPAREL AND OTHER TEXTILE PRODUCTS												
1965	1,334	1,335	1,342	1,347	1,347	1,362	1,351	1,353	1,362	1,366	1,370	1,381
1966	1,357	1,390	1,393	1,399	1,414	1,420	1,393	1,399	1,396	1,404	1,408	1,411
1967	1,414	1,401	1,384	1,390	1,395							
PAPER AND ALLIED PRODUCTS												
1965	632	633	634	635	635	636	642	639	642	646	647	652
1966	655	658	660	661	663	670	675	673	667	673	678	679
1967	680	681	684	680	679							
PRINTING AND PUBLISHING												
1965	966	968	974	974	974	977	982	983	984	988	993	994
1966	999	1,003	1,005	1,012	1,015	1,021	1,026	1,030	1,032	1,037	1,041	1,044
1967	1,053	1,056	1,065	1,063	1,064							
CHEMICALS AND ALLIED PRODUCTS												
1965	890	894	896	899	901	905	911	914	917	918	921	927
1966	931	936	940	943	950	964	964	969	969	973	976	978
1967	983	984	981	984	982							
PETROLEUM AND COAL PRODUCTS												
1965	182	182	183	182	180	182	184	183	184	184	184	184
1966	184	184	184	185	186	187	190	187	186	186	187	187
1967	187	187	186	187	187							
RUBBER AND MISC PLASTICS PRODUCTS												
1965	452	459	463	467	467	469	471	473	476	479	484	488
1966	491	494	497	502	505	511	514	516	517	519	523	527
1967	527	523	521	520	472							

**ESTABLISHMENT DATA
SEASONALLY ADJUSTED**

**D: Employees on nonagricultural payrolls, by industry, seasonally adjusted--Continued
1965 to date**

(In thousands)

Year	January	February	March	April	May	June	July	August	September	October	November	December
NONDURABLE GOODS--CONTINUED												
LEATHER AND LEATHER PRODUCTS												
1965	350	350	352	350	353	351	351	353	354	355	358	359
1966	362	364	365	370	369	367	357	364	362	362	361	361
1967	360	356	351	354	352							
TRANSPORTATION AND PUBLIC UTILITIES												
1965	3,938	3,984	4,015	4,020	4,025	4,033	4,041	4,052	4,068	4,076	4,082	4,093
1966	4,087	4,109	4,118	4,125	4,146	4,157	4,144	4,126	4,184	4,190	4,212	4,218
1967	4,242	4,247	4,246	4,212	4,267							
WHOLESALE AND RETAIL TRADE												
1965	12,429	12,488	12,550	12,591	12,685	12,723	12,766	12,780	12,828	12,857	12,907	12,956
1966	12,996	13,034	13,081	13,107	13,148	13,199	13,232	13,259	13,279	13,354	13,406	13,416
1967	13,515	13,541	13,557	13,572	13,609							
WHOLESALE TRADE												
1965	3,246	3,260	3,273	3,284	3,300	3,316	3,326	3,329	3,340	3,350	3,358	3,364
1966	3,373	3,390	3,402	3,409	3,422	3,441	3,454	3,460	3,455	3,469	3,484	3,496
1967	3,512	3,521	3,535	3,545	3,549							
RETAIL TRADE												
1965	9,183	9,228	9,277	9,307	9,385	9,407	9,440	9,451	9,488	9,507	9,549	9,592
1966	9,623	9,644	9,679	9,698	9,726	9,758	9,778	9,799	9,824	9,885	9,922	9,920
1967	10,003	10,020	10,022	10,027	10,060							
FINANCE, INSURANCE, AND REAL ESTATE												
1965	2,988	2,996	2,999	3,003	3,010	3,015	3,024	3,031	3,040	3,048	3,054	3,062
1966	3,063	3,067	3,080	3,083	3,088	3,103	3,112	3,114	3,118	3,120	3,132	3,144
1967	3,152	3,165	3,179	3,194	3,205							
SERVICES AND MISCELLANEOUS												
1965	8,889	8,929	8,967	9,008	9,042	9,063	9,115	9,136	9,162	9,186	9,238	9,293
1966	9,319	9,371	9,421	9,445	9,471	9,522	9,568	9,611	9,619	9,675	9,744	9,781
1967	9,840	9,883	9,946	9,973	9,987							
GOVERNMENT												
1965	9,811	9,852	9,905	9,952	9,997	10,047	10,111	10,155	10,188	10,246	10,325	10,394
1966	10,451	10,532	10,632	10,698	10,766	10,887	10,946	10,961	10,972	11,071	11,160	11,252
1967	11,321	11,373	11,439	11,475	11,524							
FEDERAL GOVERNMENT												
1965	2,344	2,338	2,342	2,344	2,347	2,355	2,374	2,375	2,378	2,389	2,397	2,410
1966	2,428	2,451	2,475	2,498	2,521	2,575	2,595	2,595	2,597	2,617	2,616	2,653
1967	2,667	2,673	2,685	2,688	2,698							
STATE AND LOCAL GOVERNMENT												
1965	7,467	7,514	7,563	7,608	7,650	7,692	7,737	7,780	7,810	7,857	7,928	7,984
1966	8,023	8,081	8,157	8,200	8,245	8,312	8,351	8,366	8,375	8,454	8,544	8,599
1967	8,654	8,700	8,754	8,787	8,826							

**ESTABLISHMENT DATA
SEASONALLY ADJUSTED**

Year	January	February	March	April	May	June	July	August	September	October	November	December
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**E: Production workers on manufacturing payrolls, seasonally adjusted
1965 to date
(In thousands)**

MANUFACTURING												
1965	13,126	13,177	13,237	13,273	13,306	13,386	13,462	13,522	13,552	13,614	13,739	13,820
1966	13,881	14,041	14,115	14,181	14,237	14,348	14,292	14,409	14,363	14,434	14,490	14,495
1967	14,506	14,436	14,358	14,233	14,147							
DURABLE GOODS												
1965	7,475	7,516	7,555	7,599	7,623	7,677	7,739	7,798	7,820	7,850	7,928	8,002
1966	8,069	8,173	8,233	8,276	8,319	8,378	8,352	8,447	8,448	8,488	8,505	8,501
1967	8,502	8,459	8,407	8,286	8,254							
NONDURABLE GOODS												
1965	5,651	5,661	5,682	5,674	5,683	5,709	5,723	5,724	5,732	5,764	5,811	5,818
1966	5,812	5,868	5,882	5,905	5,918	5,970	5,940	5,962	5,915	5,946	5,985	5,994
1967	6,004	5,977	5,951	5,947	5,893							

**F: Average weekly hours of production workers on manufacturing payrolls, seasonally adjusted
1965 to date**

MANUFACTURING												
1965	41.1	41.2	41.3	41.0	41.1	41.0	41.0	41.1	41.0	41.2	41.4	41.4
1966	41.4	41.6	41.5	41.5	41.4	41.3	41.2	41.4	41.4	41.3	41.3	41.0
1967	41.0	40.3	40.4	40.5	40.3							
DURABLE GOODS												
1965	42.0	42.0	42.2	41.8	42.0	41.9	41.9	41.8	41.7	42.0	42.2	42.2
1966	42.3	42.4	42.3	42.4	42.2	42.1	41.9	42.2	42.3	42.1	42.1	41.7
1967	41.7	41.0	41.1	41.0	41.0							
NONDURABLE GOODS												
1965	40.1	40.2	40.2	39.8	40.0	40.0	40.1	40.0	40.0	40.1	40.3	40.2
1966	40.1	40.5	40.3	40.4	40.3	40.3	40.2	40.2	40.1	40.1	40.2	39.9
1967	40.0	39.5	39.5	39.8	39.5							

**G: Average weekly overtime hours of production workers on manufacturing payrolls, seasonally adjusted
1965 to date**

MANUFACTURING												
1965	3.5	3.6	3.7	3.2	3.5	3.5	3.5	3.5	3.5	3.7	3.8	3.8
1966	3.9	4.1	4.1	4.0	4.1	3.9	4.0	3.9	3.9	3.9	3.8	3.5
1967	3.6	3.4	3.3	3.2	3.2							
DURABLE												
1965	3.8	4.1	4.0	3.6	3.9	3.9	3.9	3.8	3.7	4.0	4.1	4.1
1966	4.3	4.5	4.5	4.4	4.4	4.3	4.3	4.3	4.1	4.3	4.1	4.1
1967	3.9	3.7	3.5	3.3	3.3							
NONDURABLE												
1965	3.1	3.1	3.1	2.8	3.1	3.1	3.0	3.1	3.2	3.3	3.3	3.4
1966	3.4	3.6	3.5	3.5	3.5	3.4	3.4	3.3	3.4	3.4	3.3	3.3
1967	3.3	3.1	3.2	3.0	3.0							

SEASONAL FACTORS

The following tables present seasonal adjustment factors for all series in the establishment section of this periodical, which have been revised, as in the past, coincidental with the adjustment of the industry employment series to new benchmarks. These factors will be revised at the time the industry employment statistics are again adjusted to later benchmarks and more current data are available. The seasonal movements are measured in order to adjust the data statistically for such recurring events as warm and cold weather, crop-growing cycles, holidays, vacations, regular industry model change-over periods, and the like. These movements are generally the largest single component of month-to-month changes in employment, hours, and labor turnover. The seasonal factors which follow enable the analyst to remove these influences from the data in order to determine more basic trends.

These factors are to be used with data adjusted to the March 1966 benchmark.

1: Seasonal adjustment factors for employees in nonagricultural establishments, by industry division and groups

Industry	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
TOTAL ¹												
MINING	97.8	97.1	97.2	99.1	100.1	102.2	102.1	102.3	101.4	100.6	100.5	99.8
CONTRACT CONSTRUCTION	89.0	85.4	88.2	94.8	101.1	106.9	109.8	111.5	108.5	107.0	102.7	95.5
MANUFACTURING ¹												
DURABLE GOODS ¹												
Ordnance and accessories	100.7	100.1	99.8	99.4	99.6	99.6	99.7	99.5	100.1	100.2	100.5	100.4
Lumber and wood products	95.1	95.6	95.9	97.9	100.2	104.0	104.2	104.6	103.0	101.4	100.1	98.0
Furniture and fixtures	99.2	98.9	99.3	99.1	98.9	100.0	99.2	101.2	101.4	101.4	101.2	100.5
Stone, clay, and glass products	96.1	95.7	96.8	99.4	100.7	102.5	103.0	103.4	102.9	101.3	100.4	98.3
Primary metal industries	99.0	99.3	99.9	100.7	100.9	101.9	101.3	100.6	100.3	98.7	98.5	98.8
Fabricated metal products	99.3	99.0	99.0	99.5	99.8	100.9	99.3	100.0	100.9	100.9	100.9	100.4
Machinery, except electrical	99.9	100.2	100.5	100.5	100.3	100.8	100.2	99.7	99.7	99.2	99.0	99.9
Electrical equipment and supplies	100.2	99.8	99.3	99.3	99.0	99.8	99.1	99.6	100.8	101.2	101.1	101.0
Transportation equipment	100.7	100.5	100.5	100.6	100.6	100.3	98.4	92.7	100.5	101.3	101.8	101.9
Instruments and related products	99.7	99.7	99.6	99.4	99.4	100.4	99.9	100.5	100.6	100.2	100.4	100.4
Miscellaneous manufacturing industries	93.7	95.6	96.6	97.9	99.1	100.9	98.0	103.2	104.9	106.3	105.1	98.8
NONDURABLE GOODS ¹												
Food and kindred products	96.1	95.0	95.0	95.2	96.4	99.3	102.3	107.4	107.9	105.0	101.5	99.1
Tobacco manufactures	99.4	96.1	91.2	88.0	86.7	87.3	86.9	107.0	118.8	121.3	109.5	107.8
Textile mill products	98.7	99.1	99.6	99.9	100.0	100.9	99.4	100.9	100.7	100.7	100.5	99.8
Apparel and other textile products	98.5	100.5	100.9	99.0	99.1	99.9	97.3	101.8	101.5	101.3	101.0	99.6
Paper and allied products	99.2	99.0	99.0	99.3	99.3	100.8	100.0	101.1	101.0	100.5	100.5	100.2
Printing and publishing	99.5	99.7	99.6	99.8	99.6	100.1	100.0	100.1	100.2	100.3	100.3	100.6
Chemicals and allied products	99.1	99.2	99.9	100.5	100.3	100.4	101.0	101.2	100.3	99.6	99.5	99.4
Petroleum and coal products	97.8	98.1	98.5	99.2	100.2	101.5	102.0	102.6	101.5	100.4	99.5	98.6
Rubber and plastics products, n e c	100.0	99.7	99.6	99.5	99.5	100.0	98.5	100.1	100.4	101.0	101.3	100.9
Leather and leather products	99.4	100.4	100.2	97.7	98.2	100.4	100.0	102.1	100.4	100.0	100.7	100.5
TRANSPORTATION AND PUBLIC UTILITIES	98.6	98.3	98.7	99.1	99.6	100.9	101.0	101.1	101.3	100.7	100.4	100.1
WHOLESALE AND RETAIL TRADE ¹												
WHOLESALE TRADE	99.4	98.8	98.6	98.7	98.7	100.2	100.9	101.1	100.6	100.9	100.8	101.1
RETAIL TRADE	98.4	97.2	97.3	99.7	99.4	100.2	99.5	99.2	99.5	100.0	101.7	108.0
FINANCE, INSURANCE, AND REAL ESTATE	98.8	99.0	99.3	99.6	99.9	100.8	101.7	101.6	100.3	99.9	99.5	99.4
SERVICES	98.0	98.4	98.7	99.9	100.7	101.6	101.9	101.3	100.5	100.3	99.5	99.1
GOVERNMENT ¹												
FEDERAL ³	99.1	99.2	99.4	99.8	99.7	100.7	101.4	101.4	99.7	99.8	100.2	99.7
STATE AND LOCAL	100.8	101.4	101.5	101.3	101.0	100.1	95.1	94.3	99.5	101.5	101.8	101.5

¹Seasonally adjusted data derived by summation of components.

²Factors shown are for 1968. The factors used for March and April 1967 were 98.2 and 98.9, respectively.

³Based on data which exclude temporary Christmas employees of the Post Office during December.

2: Seasonal adjustment factors for labor turnover rates in manufacturing

Item	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
Total accessions	93.6	84.7	95.3	93.7	99.7	129.4	109.5	126.1	122.1	100.6	81.5	63.8
New hires	84.1	80.5	88.5	91.8	102.8	141.1	109.0	127.8	127.5	106.1	82.7	58.3
Total separations	97.9	82.4	88.8	91.9	91.6	89.8	108.2	123.1	131.8	105.5	94.1	94.4
Quits	83.8	76.5	86.7	94.9	98.4	96.3	98.6	139.2	174.9	107.9	79.4	63.6
Layoffs	109.8	87.3	87.7	86.5	79.6	79.5	120.3	98.5	93.7	105.8	112.3	140.8

3 Seasonal adjustment factors for average weekly overtime hours of production workers in manufacturing

Industry	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
MANUFACTURING	94.1	93.5	95.9	97.1	98.6	102.4	97.2	102.3	107.3	104.4	103.2	104.3
DURABLE GOODS	95.5	92.2	96.4	96.7	99.5	102.5	94.7	100.2	106.7	105.6	103.8	106.2
NONDURABLE GOODS	91.2	92.8	95.2	95.3	98.5	102.5	101.7	105.0	109.0	106.5	101.7	100.6

4: Seasonal adjustment factors for average weekly hours of production workers in selected industries

Industry	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
MINING	99.4	98.4	98.6	99.0	100.8	101.5	100.3	101.0	100.4	101.3	98.9	100.1
CONTRACT CONSTRUCTION	97.2	95.6	98.3	98.7	102.2	102.1	103.1	103.4	101.5	102.7	97.3	97.9
MANUFACTURING	99.6	99.6	99.8	99.2	100.2	100.7	99.8	100.1	100.2	100.3	100.1	100.8
DURABLE GOODS	99.5	99.6	99.8	99.6	100.3	100.7	99.4	99.6	100.0	100.2	100.1	101.0
NONDURABLE GOODS	99.2	99.3	99.7	98.8	100.0	100.5	100.3	100.7	100.5	100.4	100.1	100.4
<i>Durable goods</i>												
Ordnance and accessories	100.8	99.5	99.3	99.5	99.8	100.0	99.2	99.6	100.0	100.4	100.4	101.4
Lumber and wood products	99.1	98.2	98.9	99.8	101.1	101.4	100.5	101.3	100.5	100.7	99.0	99.2
Furniture and fixtures	98.5	98.8	99.1	98.0	98.6	100.1	99.4	101.6	101.1	101.7	100.9	102.2
Stone, clay, and glass products	98.3	97.7	98.5	99.9	101.0	101.2	100.9	101.2	100.5	100.8	100.2	99.7
Primary metal industries	100.3	99.9	100.2	100.9	100.6	101.0	99.7	99.6	100.1	98.8	99.2	100.0
Fabricated metal products	99.0	99.2	99.3	99.2	100.4	100.8	99.5	100.2	100.5	100.6	100.3	100.9
Machinery, except electrical	99.9	100.1	100.4	100.0	100.5	100.8	99.5	99.2	99.3	99.7	99.7	101.0
Electrical equipment and supplies	99.6	99.9	99.8	99.4	99.9	100.3	99.0	99.6	100.4	100.3	100.4	101.4
Transportation equipment	100.1	99.0	99.4	99.1	99.9	100.4	98.7	97.8	99.6	101.6	101.8	102.2
Instruments and related products	99.6	99.9	99.8	99.2	99.9	100.4	99.5	99.8	100.2	100.5	100.5	100.7
Miscellaneous manufacturing industries	99.1	99.9	100.5	98.9	99.6	100.1	98.9	100.3	100.3	101.1	100.7	100.8
<i>Nondurable goods</i>												
Food and kindred products	99.2	98.3	98.5	98.2	99.9	100.3	101.7	101.0	101.6	100.6	100.4	100.7
Tobacco manufactures	97.8	94.2	96.0	98.3	99.5	101.2	99.1	100.3	104.2	103.5	99.9	104.0
Textile mill products	99.3	99.8	100.0	98.6	100.1	101.1	99.3	100.3	99.7	100.7	100.8	100.7
Apparel and other textile products	98.6	100.3	101.2	99.1	100.0	100.6	100.1	101.5	99.5	100.0	99.8	99.4
Paper and allied products	99.1	99.1	99.6	99.2	99.9	100.5	100.2	100.6	100.6	100.7	100.4	100.5
Printing and publishing	99.2	99.3	100.2	99.4	100.1	100.0	99.7	100.4	100.6	100.3	99.8	101.2
Chemicals and allied products	99.2	99.5	99.9	100.7	100.6	100.4	99.9	99.7	100.1	99.9	100.0	100.3
Petroleum and coal products	98.6	98.1	98.5	100.8	100.6	100.8	101.4	100.2	102.0	100.0	99.8	99.2
Rubber and plastics products, n e c	99.8	99.1	99.5	99.0	99.9	100.3	99.1	100.4	101.0	100.5	100.4	101.3
Leather and leather products	100.7	101.1	99.8	96.9	99.2	101.1	101.3	101.1	98.6	98.9	99.5	101.8
WHOLESALE AND RETAIL TRADE	99.3	99.1	99.3	99.4	99.6	100.3	102.0	101.8	99.8	99.7	98.9	100.7
WHOLESALE TRADE	99.8	99.4	99.7	99.7	100.0	100.1	100.6	100.1	99.9	100.0	100.0	100.8
RETAIL TRADE	98.9	98.9	99.1	99.3	99.1	100.6	102.5	102.3	99.8	99.5	98.9	100.8

5: Seasonal adjustment factors for production workers in manufacturing

Industry	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
MANUFACTURING ¹												
DURABLE GOODS ¹												
NONDURABLE GOODS ¹												
<i>Durable goods</i>												
Ordnance and accessories	101.2	100.7	99.8	99.0	99.1	99.1	98.8	98.9	100.7	100.8	101.1	101.2
Lumber and wood products	94.6	95.4	95.6	97.7	100.1	104.3	104.5	104.8	103.4	101.6	100.1	97.9
Furniture and fixtures	99.0	98.6	99.0	99.0	98.5	100.0	99.0	101.6	101.7	101.7	101.4	100.6
Stone, clay, and glass products	95.5	95.0	96.2	99.3	100.9	102.8	103.3	104.0	103.3	101.5	100.5	97.9
Primary metal industries	98.9	99.4	100.0	100.9	101.2	102.3	101.3	100.4	100.3	98.4	98.2	98.6
Fabricated metal products	99.3	98.9	98.7	99.4	99.9	101.1	98.9	99.8	101.1	101.2	101.2	100.6
Machinery, except electrical	100.0	100.4	100.8	100.9	100.6	101.0	99.8	99.2	99.5	99.0	98.8	100.1
Electrical equipment and supplies	100.3	99.6	98.9	99.0	98.7	99.7	98.6	99.5	101.0	101.9	101.7	101.5
Transportation equipment	101.0	100.8	100.9	101.0	101.0	100.4	97.6	89.3	100.6	101.9	102.4	102.6
Instruments and related products	99.6	99.6	99.5	99.3	99.2	100.5	99.4	100.4	101.0	100.5	100.7	100.5
Miscellaneous manufacturing industries	92.2	94.5	95.9	97.5	99.0	101.0	97.7	103.9	106.2	107.7	106.3	98.4
<i>Nondurable goods</i>												
Food and kindred products	94.6	93.0	93.0	93.3	94.7	98.6	102.7	110.3	111.6	107.3	102.3	98.8
Tobacco manufactures	99.2	95.7	90.3	86.8	85.3	85.8	85.3	107.8	120.9	123.6	110.8	108.9
Textile mill products	98.7	99.0	99.6	99.9	100.0	101.0	99.2	101.0	100.8	100.7	100.6	99.8
Apparel and other textile products	98.5	100.6	101.1	98.9	99.1	99.7	97.0	101.8	101.6	101.4	100.9	99.7
Paper and allied products	99.1	98.7	98.8	99.3	99.3	101.0	99.7	101.1	101.4	100.7	100.7	100.3
Printing and publishing	99.3	99.6	99.7	99.8	99.7	100.0	99.6	99.9	100.5	100.5	100.5	100.8
Chemicals and allied products	98.8	99.2	100.2	101.2	100.8	100.6	100.4	100.9	100.3	99.4	99.2	99.1
Petroleum and coal products	96.8	97.2	97.9	98.9	100.2	102.1	102.8	103.3	102.1	100.7	99.5	98.1
Rubber and plastics products, n e c	100.0	99.7	99.5	99.4	99.4	99.7	97.9	100.0	100.8	101.2	101.7	101.2
Leather and leather products	99.3	100.5	100.2	97.3	98.0	100.5	99.9	102.3	100.5	100.0	100.8	100.6

¹ Seasonally adjusted data derived by summation of components.

Technical Note

Additional information concerning the preparation of the labor force, employment, hours and earnings, 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.

INTRODUCTION

The statistics in this periodical are compiled from three major sources: (1) household interviews, (2) payroll 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 52,500 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 payroll records are compiled each month from mail questionnaires by the Bureau of Labor Statistics, in cooperation with State agencies. The payroll survey provides detailed industry information on nonagricultural wage and salary employment, average weekly hours, average hourly and weekly earnings, and labor turnover for the Nation, States, and metropolitan areas. The figures are based on payroll reports from a sample of establishments employing about 25 million nonfarm 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.

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 Bureau of Employment Security, U.S. Department of Labor, in "Unemployment Insurance Claims."

Relation between the household and payroll series

The household and payroll 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 farm and nonfarm industries is included. The payroll survey covers only wage and salary employees on the payrolls of nonfarm 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.

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 Bureau of Employment Security 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 nonfarm 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 32 States. In general, these are establishments with less than four employees.

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 Re-

port 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, 52,500 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 non-interview rate for the survey of about 4.5 percent. In addition to the 52,500 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.

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.

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. The detailed questions for persons not in the labor force are asked only in those households that are new entrants to the sample and in those that are reentering the sample after 8 months' absence.

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.

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 non-economic reasons but 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.

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 non-white) 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.

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

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

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

Table B. Standard error of level of monthly estimates

(In thousands)

Size of estimate	Both sexes		Male		Female	
	Total or white	Non-white	Total or white	Non-white	Total or white	Non-white
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	...	...	...	...	...

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 ...	.8	1.2	1.8	2.5	2.9	3.3	3.4	3.9	4.0
250 ...	.7	.8	1.4	1.9	2.3	2.5	2.8	3.0	3.2
500 ...	.5	.7	1.0	1.4	1.6	1.8	1.9	2.1	2.3
1,000 ..	.3	.4	.7	1.0	1.2	1.4	1.4	1.6	1.6
2,000 ..	.3	.3	.5	.7	.7	.8	1.0	1.1	1.2
3,000 ..	.2	.3	.4	.7	.7	.7	.8	.8	1.0
5,000 ..	.2	.2	.3	.4	.5	.7	.7	.7	.7
10,000 .	.1	.2	.3	.3	.3	.4	.4	.5	.5
25,000 .	.1	.1	.2	.2	.3	.3	.3	.3	.3
50,000 .	.1	.1	.1	.2	.2	.2	.2	.3	.3
75,000 .	.1	.1	.1	.1	.2	.2	.2	.2	.2

Establishment Data

COLLECTION

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

Federal-State Cooperation

Under cooperative arrangements with State agencies, the respondent fills out only one employment or labor turnover schedule, 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 data to the BLS for use in preparing the national series.

Shuttle Schedules

Two types of data collection schedules are used: Form BLS 790--Monthly Report on Employment, Payroll, and Hours; and Form DL 1219--Monthly Report

on Labor Turnover. These schedules are of the "shuttle" type, with space for each month of the calendar year. The 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 non-agricultural 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. The labor turnover schedule provides for the collection of information on the total number of accessions and separations, by type, during the calendar month.

CONCEPTS

Industrial Classification

Establishments reporting on Form BLS 790 and Form DL 1219 are classified into industries on the basis of their principal product or activity determined from information on annual sales volume. This information is collected each year on a supplement to the

monthly 790 or 1219 report. For an establishment making more than one product or engaging in more than one activity, the entire employment of the establishment is included under the industry indicated by the most important product or activity.

All national, State, and area employment, hours, earnings, and labor turnover series are classified in accordance with the *Standard Industrial Classification Manual*, Bureau of the Budget, 1957, as amended by the 1963 Supplement.

Industry Employment

Employment data except that 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 an establishment payroll 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 do not report 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 nonfarm components. For Federal Government, hours and earnings relate to all employees who worked or received pay during the pay period which includes the 12th of the month. 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, mechanics, apprentices, laborers, etc., whether working at the site of construction or in shops or yards, at jobs (such as precutting and preassembling) ordinarily performed by members of the construction trades.

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

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

Man-hours cover man-hours worked or 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* (Bureau of Employment Security), *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 the gross average weekly earnings for all production or nonsupervisory workers in the industry division without regard to total family income.

"Real" earnings are computed by dividing the current Consumer Price Index into the earnings averages for the current month. The level of earnings is thus adjusted for changes in purchasing power since the base period (1957-59).

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 $1\frac{1}{2}$ 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 1957-59 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 rehired employees.

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

Other accessions, which are not published separately but are included in total accessions, are all additions to the employment roll which are not classified as new hires, including transfers from 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.

Comparability With Employment Series

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

ESTIMATING METHODS

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

The "Link Relative" Technique

From a sample composed of establishments reporting for both the previous and current months, the ratio of current month employment to that of the previous month is computed. This is called a link relative. The estimates of employment (all employees, including production and nonproduction workers together) for the current month are obtained by multiplying the estimates for the previous month by these "link relatives." Other features of the general procedures are described later in the table, Summary of Methods for Computing Industry Statistics on Employment, Hours, Earnings, and Labor Turnover. Further details are given in the technical notes on *Measurement of Employment, Hours, and Earnings in Non-agricultural Industries* and on *Measurement of Labor Turnover*, which are available upon request.

Size and Regional Stratification

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

Benchmark Adjustments

Employment estimates are compared periodically with comprehensive counts of employment which provide "benchmarks" for the various nonagricultural industries, and appropriate adjustments are made as indicated. The industry estimates are currently projected from March 1966 levels. Normally, benchmark adjustments are made annually.

The primary source of benchmark information is the 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 nonfarm employment in the United States, are prepared under the direction of the Bureau of Employment Security. 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 then is 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.

Data for all months since the last benchmark to which the series has been adjusted are subject therefore 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 an optimum allocation design known as "sampling proportionate to average size of establishment." 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 total size of the sample 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 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 service divisions fall into this category. To keep the sample to a size which can be handled by available resources, it is necessary to accept samples in these divisions with a smaller proportion of universe employment than is the case for most manufacturing industries. Since individual establishments in these nonmanufacturing divisions generally show less fluctuation from regular cyclical or seasonal patterns than establishments in manufacturing industries, these smaller samples (in terms of employment) generally produce reliable estimates.

In the context of the BLS employment and labor turnover statistics programs, with their emphasis on pro-

ducing 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. The tendency of such a sample to produce biased estimates of the level of earnings for certain industries is counteracted by the stratified estimating procedure described under "Estimating Methods."

Coverage

The BLS sample of establishment employment and payrolls is the largest monthly sampling operation in the field of social statistics. The table that follows 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.

Approximate size and coverage of BLS employment and payrolls sample, March 1966¹

Industry division	Employees	
	Number reported	Percent of total
Mining	284,000	46
Contract construction	662,000	22
Manufacturing	11,836,000	63
Transportation and public utilities:		
Railroad transportation (ICC)	677,000	95
Other transportation and public utilities	1,863,000	56
Wholesale and retail trade	2,582,000	20
Finance, insurance and real estate	1,027,000	34
Services	1,882,000	20
Government:		
Federal (Civil Service Commission) ²	2,460,000	100
State and local	4,217,000	51

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

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

The table below shows the approximate coverage, in terms of employment, of the labor turnover sample.

Approximate size and coverage of BLS labor turnover sample, March 1966

Industry	Employees	
	Number reported	Percent of total
Manufacturing	11,326,600	60
Metal mining	69,500	82
Coal mining	66,200	47
Communication:		
Telephone	620,800	83
Telegraph	22,300	68

Reliability of the Employment Estimates

The estimates derived from the establishment 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. The relatively large size of the BLS establishment sample assures a high degree of accuracy. However, since the link relative technique requires the use of the previous month's estimate as the base in computing the current month's estimate, small sampling and response errors may cumulate over several months. To remove this accumulated error, the estimates are adjusted annually to new benchmarks. In addition to the 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. (A detailed description of the March 1966 benchmark is available from the Bureau upon request.)

The entire difference between the estimate and benchmarks is assumed to have accumulated at a regular rate. Accordingly, the all employee series are adjusted by tapering out the differences for months between the current and the previous benchmark. The series for months subsequent to the benchmark month are revised by projecting the level of the new benchmark by the trend of the unadjusted series.

For the most recent months, national, State, and area estimates 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 design have been received.

Approximations of the standard deviations (based on the experience of the last several years) of revisions

between (1) final estimates and benchmarks, and (2) preliminary and final estimates, are presented in the following table. The chances are about 2 out of 3 that the revisions will be less than the amount indicated for each size of estimate. The chances are about 19 out of 20 that the revisions will be less than twice the amount indicated.

Standard deviation of revisions between final estimates and benchmarks and between preliminary and final estimates

Size of empl. estimate	Standard deviations of revisions	
	Final ¹	Preliminary
50,000	2,000	500
100,000	2,500	1,000
200,000	4,000	1,500
500,000	7,200	3,000
1,000,000	11,600	3,600

¹ Assuming 12-month intervals between benchmark revisions.

A comparison of the actual amounts of revisions made in the last 3 benchmark years follows:

Nonagricultural payroll employment estimates, by industry division, as a percentage of the benchmark for 1964-66

Industry division	1964	1965	1966
Total	100.0	99.5	99.9
Mining	100.0	99.5	100.5
Contract construction	101.5	100.9	99.7
Manufacturing	100.2	99.8	99.4
Transportation and public utilities	100.4	100.1	99.7
Wholesale and retail trade	100.4	99.4	100.1
Finance, insurance, and real estate	99.4	100.7	99.5
Services	99.7	97.9	100.3
Government	99.0	99.8	100.0

STATISTICS FOR STATES AND AREAS

State and area employment, hours, earnings, and labor turnover data are collected and prepared by State agencies in cooperation with BLS. The area statistics relate to metropolitan areas. Definitions for all areas are published each year in the issue of *Employment and Earnings and Monthly Report on the Labor Force* that contains State and area annual averages. 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, 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). 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 Bureau of Employment Security, Washington, D.C.

SEASONAL ADJUSTMENT

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

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 1957-59 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 1957-59 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. Factors currently in use for the establishment data are shown in the September 1967 *Employment and Earnings and Monthly Report on the Labor Force*, 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 1966 are published in the February 1967 *Employment and Earnings and Monthly Report on the Labor Force*. Revisions will be made annually as each additional year's data become available.

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 and earnings series because employment levels are used as weights. Industry data for all national series shown in this report have been adjusted to March 1966 benchmarks. Data from April 1966 forward are subject to revision at the time of the next benchmark.

Beginning with the September 1967 and subsequent issues of Employment and Earnings and Monthly Report on the Labor Force, the national data in sections B, C, and D supersede those published in previous issues, as well as those appearing in the Handbook of Labor Statistics, 1967. Comparable data will be published in Employment and Earnings Statistics for the United States, 1909-67, BLS Bulletin 1312-5.

With this issue, the BLS introduces industry titles conforming to the Bureau of the Budget's standard list of short SIC titles--definitions unchanged.

Summary of Methods for Computing Industry Statistics

on Employment, Hours, Earnings, 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 (total, men, and women).	The number of particular actions (e.g., quits) in reporting firms divided by total employment in those firms. The result is multiplied by 100. For men (or women), the number of men (women) who quit is divided by the total number of men (women) employed.	Average, weighted by employment, of the rates for component cells.
Annual Average Data		
All employees and production or nonsupervisory workers.	Sum of monthly estimates divided by 12.	Sum of monthly estimates divided by 12.
Gross average weekly hours . . .	Annual total of aggregate man-hours (production- or nonsupervisory-worker employment multiplied by average weekly hours) divided by annual sum of employment.	Annual total of aggregate man-hours for production or nonsupervisory workers divided by annual sum of employment for these workers.
Average weekly overtime hours . . .	Annual total of aggregate overtime man-hours (production-worker employment multiplied by average weekly overtime hours) divided by annual sum of employment.	Annual total of aggregate overtime man-hours for production workers divided by annual sum of employment for these workers.
Gross average hourly earnings . . .	Annual total of aggregate payrolls (production- or nonsupervisory-worker employment multiplied by weekly earnings) divided by annual aggregate man-hours.	Annual total of aggregate payrolls divided by annual aggregate man-hours.
Gross average weekly earnings . . .	Product of gross average weekly hours and average hourly earnings.	Product of gross average weekly hours and average hourly earnings.
Labor turnover rates . . .	Sum of monthly rates divided by 12.	Sum of monthly rates divided by 12.

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Bureau of Labor Statistics

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COOPERATING STATE AGENCIES

Employment and Labor Turnover Statistics Programs

BLS Region	
III ALABAMA	-Department of Industrial Relations, Montgomery 36104
V ALASKA	-Employment Security Division, Department of Labor, Juneau 99801
V ARIZONA	-Unemployment Compensation Division, Employment Security Commission, Phoenix 85005
III ARKANSAS	-Employment Security Commission, Department of Labor, Little Rock 72203
V CALIFORNIA	-Division of Labor Statistics and Research, Department of Industrial Relations, San Francisco 94101 (Employment). Research and Statistics, Department of Employment, Sacramento 95814 (Turnover).
VI COLORADO	-Department of Employment, Denver 80203
I CONNECTICUT	-Employment Security Division, Department of Labor, Hartford 06115
II DELAWARE	-Employment Security Commission, Wilmington 19801
II DIST. OF COL.	-U. S. Employment Service for D. C., Washington 20212
III FLORIDA	-Industrial Commission, Tallahassee 32304
III GEORGIA	-Employment Security Agency, Department of Labor, Atlanta 30303
V HAWAII	-Department of Labor and Industrial Relations, Honolulu 96811
V IDAHO	-Department of Employment, Boise 83707
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IV INDIANA	-Employment Security Division, Indianapolis 46204
VI IOWA	-Employment Security Commission, Des Moines 50319
VI KANSAS	-Employment Security Division, Department of Labor, Topeka 66603
IV KENTUCKY	-Bureau of Employment Security, Department of Economic Security, Frankfort 40601
III LOUISIANA	-Division of Employment Security, Department of Labor, Baton Rouge 70804
I MAINE	-Employment Security Commission, Augusta 04330
II MARYLAND	-Department of Employment Security, Baltimore 21201
I MASSACHUSETTS	-Division of Statistics, Department of Labor and Industries, Boston 02202 (Employment). Division of Employment Security, Boston 02215 (Turnover).
IV MICHIGAN	-Employment Security Commission, Detroit 48202
IV MINNESOTA	-Department of Employment Security, St. Paul 55101
III MISSISSIPPI	-Employment Security Commission, Jackson 39205
VI MISSOURI	-Division of Employment Security, Jefferson City 65102
VI MONTANA	-Unemployment Compensation Commission, Helena 59601
VI NEBRASKA	-Division of Employment, Department of Labor, Lincoln 68501
V NEVADA	-Employment Security Department, Carson City 89701
I NEW HAMPSHIRE	-Department of Employment Security, Concord 03301
II NEW JERSEY	-Department of Labor and Industry: Bureau of Statistics and Records (Employment); Division of Employment Security (Turnover), Trenton 08625
III NEW MEXICO	-Employment Security Commission, Albuquerque 87103
II NEW YORK	-Research and Statistics Office, Division of Employment, N. Y. State Department of Labor, State Campus Building 12, Albany 12201
II NORTH CAROLINA	-Division of Statistics, Department of Labor, Raleigh 27602 (Employment). Bureau of Employment Security Research, Employment Security Commission, Raleigh 27602 (Turnover).
VI NORTH DAKOTA	-Unemployment Compensation Division, Workmen's Compensation Bureau, Bismarck 58502
IV OHIO	-Division of Research and Statistics, Bureau of Unemployment Compensation, Columbus 43216
III OKLAHOMA	-Employment Security Commission, Oklahoma City 73105
V OREGON	-Department of Employment, Salem 97310
II PENNSYLVANIA	-Bureau of Employment Security, Department of Labor and Industry, Harrisburg 17121
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III SOUTH CAROLINA	-Employment Security Commission, Columbia 29202
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